(£ millions)

13 Deferred tax assets and liabilities

Following are the major deferred tax assets and liabilities recognised by the Group, and the movements thereon, during the current and prior periods.

31 March 2019	Opening balance	Adjustment on initial application of SFRS(I) 9	Adjusted opening balance	Recognised in profit or loss	Recognised in other comprehensive income	Reclassified from other equity reserves	Foreign exchange differences	Closing balance
Deferred tax assets								
Property, plant and equipment	9	-	9	535	-	-	-	544
Expenses deductible in future periods	245	-	245	80	-	-	5	330
Derivative financial instruments	80	6	86	7	18	23	-	134
Retirement benefits	77	-	77	(2)	38	-	-	113
Unrealised profit in inventory	156	-	156	(37)	1	-	-	120
Tax loss	366	-	366	(285)	-	-	-	81
Others	109	-	109	24	1	-	1	135
Total deferred tax assets	1,042	6	1,048	322	58	23	6	1,457
Deferred tax liabilities								
Intangible assets	1,100	-	1,100	(173)	-	-	-	927
Overseas unremitted earnings	99	-	99	2 *	-	-	-	101
Total deferred tax liabilities	1,199	-	1,199	(171)	-	-	-	1,028
Presented as deferred tax assets**	426							530
Presented as deferred tax liabilities**	(583)							(101)

* Included within £2 million is a reversal of £5 million relating to withholding tax incurred on intercompany dividends paid in the year.

** For presentation purposes, deferred tax assets and deferred tax liabilities are offset to the extent that they relate to the same taxation authority and are expected to be settled on a net basis.

At 31 March 2019, deferred tax assets of £530 million (2018: £426 million) have been recognised in relation to deductible temporary differences, including unused tax losses, on the basis that it is probable that future taxable profits will be available against which those deductible temporary differences can be utilised.

At 31 March 2019, the Group had unused tax losses and other temporary differences amounting to £1,599 million (2018: £117 million) for which no deferred tax asset arises. As at 31 March 2019, £4 million (2018: £3 million) of those tax losses are subject to expiry in future periods, with £3 million due to expire in fiscal year 2031. The remaining balance is not expected to expire.

All deferred tax assets and deferred tax liabilities at 31 March 2019 and 2018 are presented as non current.

(£ millions)

13 Deferred tax assets and liabilities

Following are the major deferred tax assets and liabilities recognised by the Group, and the movements thereon, during the current and prior periods.

31 March 2018	Opening balance	Recognised in profit or loss	Recognised in other comprehensive income	Foreign exchange differences	Closing balance
Deferred tax assets					
Property, plant and equipment	13	(3)	-	(1)	9
Expenses deductible in future periods	226	36	-	(17)	245
Derivative financial instruments	547	(5)	(462)	-	80
Retirement benefits	252	(86)	(88)	(1)	77
Unrealised profit in inventory	192	(36)	-	-	156
Tax loss	208	159	-	(1)	366
Others	83	26	-	-	109
Total deferred tax assets	1,521	91	(550)	(20)	1,042
Deferred tax liabilities					
Intangible assets	995	105	-	-	1,100
Overseas unremitted earnings	60	39 *	-	-	99
Others	1	(1)	-	-	-
Total deferred tax liabilities	1,056	143	-	-	1,199
Presented as deferred tax assets**	525				426
Presented as deferred tax liabilities**	(60)				(583)

* Included within £39 million is a reversal of £6 million relating to withholding tax incurred on intercompany dividends paid in the year and an additional provision for £15 million relating to prior year earnings.

** For presentation purposes, deferred tax assets and deferred tax liabilities are offset to the extent that they relate to the same taxation authority and are expected to be settled on a net basis.

14 Borrowings

(£ millions)

Borrowings consist of the following :

	Group			Company		
	31-March-19	31-March-18	31-March-17	**31-March-19**	31-March-18	31-March-17
EURO MTF Listed debts	**3,610**	3,557	3,395	**-**	-	-
USD SGX-ST Listed debts	**230**	213	238	**230**	213	238
Loans from banks	**1,584**	860	911	**633**	631	670
Total borrowings	**5,424**	4,630	4,544	**863**	844	908
Less: Short-term borrowings	**(956)**	(725)	(239)	**-**	-	-
Borrowings due for settlement after 12 months	**4,468**	3,905	4,305	**863**	844	908

EURO MTF LISTED DEBTS

The bonds are listed on the Luxembourg Stock Exchange multilateral trading facility ('EURO MTF') market.

Details of the tranches of the bonds outstanding as at 31 March 2019 are as follows:

Issued on	Currency	Initial principal amount (In millions) *	Outstanding principal amount (In millions) *	Outstanding principal amount (In millions) *	Interest rate	Redeemable on
January 2013	USD	500	500	500	5.625%	2023
January 2014	GBP	400	400	400	5.000%	2022
October 2014	USD	500	500	500	4.250%	2019
February 2015	GBP	400	400	400	3.875%	2023
March 2015	USD	500	500	500	3.500%	2020
January 2017	EUR	650	650	650	2.200%	2024
January 2017	GBP	300	300	300	2.750%	2021
October 2017	USD	500	500	500	4.500%	2027
September 2018	EUR	500	500	500	4.500%	2026

* Amounts reported in above table are in respective currency.

$700 million Senior Notes due 2018 at a coupon of 4.125 per cent per annum – issued December 2013 was repaid during the year ended 31 March 2019.

No tranches of bonds were repaid in the year ended 31 March 2018.

$84 million Senior Notes due 2021 at a coupon of 8.125 per cent per annum – issued May 2011 was repaid during the year ended 31 March 2017.

Syndicated Loan

In October 2018, a $1 billion syndicate loan was issued with a coupon rate of LIBOR + 1.900 per cent per annum, due in the following
- $ 200m October 2022
- $800m January 2025

14 Short-term borrowings and long-term debts (cont'd)
SGX-ST listed debts

Details of the tranches of the bonds listed on SGX-ST outstanding at 31 March 2019 are as follows:

Issued on	Currency	Initial principal amount (In millions)	Outstanding principal amount (In millions) *	Interest rate	Redeemable on
May 2014	USD	300	300	5.75%	May 2021

* Amounts reported in above table are in respective currency.

The notes are secured over the restricted cash (Note 6) and this has been set aside and at all times should be at least equal to the amount of interest due on all notes payable at that time on the next succeeding interest payment date.

Loan from banks **(£ millions)**

	Group			Company		
	31-March-19	31-March-18	31-March-17	**31-March-19**	31-March-18	31-March-17
Less than one year, unsecured	**70**	72	59	**-**	-	-
Less than one year, secured	**118**	156	182	**-**	-	-
Later than one year and not later than five years,	**1396**	410	496	**633**	410	496
Later than five years, unsecured	**-**	222	174	**-**	221	174
	1,584	860	911	**633**	631	670

As at 31 March 2019, borrowings amounting to £ 633 million (2018: £ 631 million, 2017: £670 mn) bear interest at 1.04% to 1.40% above London Interbank Offered Rate per annum and its effective interest rates range from 2.04% to 1.95 to 2.31% (2018:2.04% to 2.29%, 2017:1.65% to 2.27%) per annum.

The borrowings are secured over the restricted cash (Note 6) and this has been set aside and at all times should be at least equal to the amount of interest due on the borrowings at that time on the next succeeding interest payment date.

During the year ended 31 March 2019, the Group entered into a $700 million invoice discounting facility that expires in 2021.Under the terms of the facility, the Group de-recognises factored receivables in accordance with IFRS 9 as there are no recourse arrangements.

UNDRAWN FACILITIES

As at 31 March 2019 the Group has a fully undrawn revolving credit facility of £1,935 million (2018: £1,935, 2017: £1,870 million). This facility is available in full until 2022.

(£ millions)

15 Accounts Payables

	Group			Company		
	31-March-19	31-March-18	31-March-17	**31-March-19**	31-March-18	31-March-17
Trade payables	**4,748**	4,880	4,370	**-**	-	-
Liabilities to employees	**124**	154	157	**-**	-	-
Liabilities for expenses	**1,548**	1,817	1,744	**-** *	- *	- *
Provision for cost of closure of a subsidiary	**20**	-	-	**20**	-	-
Liabilities for capital expenditure	**769**	880	368	**-**	-	-
Acceptances	**9**	9	6	**-**	-	-
	7,218	7,740	6,645	**20** *	- *	- *

* Amount is less than £1 million.

16 Other financial liabilities

	Group			Company		
	31-March-19	31-March-18	31-March-17	**31-March-19**	31-March-18	31-March-17
Liability towards vehicles sold under repurchase arrangements	**469**	479	349	**-**	-	-
Interest accrued but not due	**44**	43	33	**7**	7	6
Finance lease obligations	**3**	3	2	**-**	-	-
Derivative financial instruments	**523**	673	1,761	**-**	5	-
Others	**14**	7	-	**-**	-	-
Total other current financial liabilities	**1,053**	1,205	2,145	**7**	12	6
Finance lease obligations	**28**	16	5	**-**	-	-
Derivative financial instruments	**288**	266	1,391	**7**	8	-
Retention money, security deposits and others	**1**	7	3	**-**	-	-
Total other non-current financial liabilities	**317**	289	1,399	**7**	8	-

(£ millions)

17 Provisions

Provision consists of the following:

	Group		
	31-March-19	31-March-18	31-March-17
Current			
Product warranty	**704**	622	525
Legal and product liability	**154**	119	109
Provision for residual risk	**9**	7	7
Provision for environmental liability	**14**	11	12
Employee related and other provisions (including employee separation cost)	**117**	8	5
Total - Current provision	**998**	767	658
Non-current			
Product warranty	**1,049**	984	879
Legal and Product liability	**43**	24	47
Provision for residual risk	**31**	28	27
Provision for environmental liability	**15**	16	22
Other employee benefits obligation	**3**	7	13
Total - Non-current provision	**1,141**	1,059	988

Movement in the provision are as follows:

	Group	
	31-March-19	31-March-18
Product warranty		
Balance at the beginning	**1,606**	1,404
Provision made during the year *	**1,012**	899
Provision used during the year	**(891)**	(717)
Impact of discounting	**26**	20
Balance at the end	**1,753**	1,606
Legal and product liability		
Balance at the beginning	**143**	156
Provision made during the year	**198**	68
Provision used during the year	**(108)**	(42)
Unused amount released in the year	**(38)**	(38)
Impact of foreign exchange translation	**2**	(1)
Balance at the end	**197**	143
Provision for residual risk		
Balance at the beginning	**35**	34
Provision made during the year	**18**	20
Provision used during the year	**(3)**	(2)
Unused amount released in the year	**(10)**	(15)
Impact of foreign exchange translation	**-**	(2)
Balance at the end	**40**	35
Provision for environmental liability		
Balance at the beginning	**27**	34
Provision made during the year	**16**	5
Provision used during the year	**(9)**	(5)
Unused amount released in the year	**(5)**	(7)
Balance at the end	**29**	27

Product warranty provision
The Group offers warranty cover in respect of manufacturing defects, which become apparent one to five years after purchase, dependent on the market in which the purchase occurred and the vehicle purchased. The estimated liability for product warranty is recognised when products are sold or when new warranty programmes are initiated. These estimates are established using historical information on the nature, frequency and average cost of warranty claims and management estimates regarding possible future warranty claims, customer goodwill and recall complaints. The discount on the warranty provision is calculated using a risk-free discount rate as the risks specific to the liability, such as inflation, are included in the base calculation. The timing of outflows will vary as and when a warranty claim will arise, being typically up to five years.

Legal and product liability provision
A legal and product liability provision is maintained in respect of compliance with regulations and known litigations that impact the Group. The provision primarily relates to motor accident claims, consumer complaints, dealer terminations, employment cases, personal injury claims and compliance with regulations. The timing of outflows will vary as and when claims are received and settled, which is not known with certainty.

Residual risk provision
In certain markets, the Group is responsible for the residual risk arising on vehicles sold by retailers on leasing arrangements. The provision is based on the latest available market expectations of future residual value trends. The timing of the outflows will be at the end of the lease arrangements, being typically up to three years.

Environmental risk provision
This provision relates to various environmental remediation costs such as asbestos removal and land clean-up. The timing of when these costs will be incurred is not known with certainty.

Other employee benefit obligation
This provision relates to the LTIP scheme for certain employees (see note 25) and other amounts payable to employees.

Employee separation provision
This provision relates to amounts payable to employees under the Group restructuring programme announced and carried out during the year ended 31 March 2019

18 Other liabilities
Other liabilities consists of the following:

(£ millions)

	Group		
	31-March-19	31-March-18	31-March-17
Liability for advances received	**90**	45	94
Statutory dues	**264**	248	217
Ongoing service obligation	**301**	244	167
Others	**24**	25	23
Total other current liabilities	**679**	562	501
Ongoing service obligation	**504**	438	338
Others	**17**	16	24
Total other non-current liabilities	**521**	454	362

19 Employee benefit obligations
Employee benefit obligations comprise of the following:

		Group		
		31-March-19	31-March-18	31-March-17
Defined benefit schemes under:				
Jaguar Land Rover Automotive Plc (UK Defined benefit scheme)	(a)	**667**	438	1,461
Tata Daewoo Commercial Vehicle Co. Ltd		**8**	3	4
		675	441	1,465
Defined contribution plan		**2**	2	2
		677	443	1,467

19 Employee benefit obligations (cont'd)

(a) **UK Defined benefit scheme**

The Group operates defined benefit schemes for qualifying employees of certain of its subsidiary corporations. The UK defined benefit schemes are administered by a trustee with assets held in a trust that are legally separate from the Group. The trustees of the pension schemes are required by law to act in the interest of the fund and of all relevant stakeholders in the scheme, are responsible for the investment policy with regard to the assets of the schemes and all other governance matters. The board of trustees must be composed of representatives of the subsidiary corporation and scheme participants in accordance with each scheme's regulations.

Under the schemes, the employees are entitled to post-retirement benefits based on their length of service and salary.

Through its defined benefit pension schemes the Group is exposed to a number of risks, the most significant of which are detailed below:

Asset volatility

The scheme liabilities are calculated using a discount rate set with references to corporate bond yields; if scheme assets underperform against these corporate bonds, this will create or increase a deficit. The defined benefit schemes hold a significant proportion of equity type assets, which are expected to outperform corporate bonds in the long-term although introducing volatility and risk in the short-term.

The UK schemes hold a substantial level of index-linked gilts and other inflation and interest rate hedging instruments in order to reduce the volatility of assets compared to the liability value, although these will lead to asset value volatility.

As the schemes mature, the Group intends to reduce the level of investment risk by investing more in assets that better match the liabilities.

However, the Group believes that due to the long-term nature of the scheme liabilities and the strength of the supporting Group, a level of continuing equity type investments is an appropriate element of the Group’s long term strategy to manage the schemes efficiently.

Changes in bond yields

A decrease in corporate bond yields will increase scheme liabilities, although this is expected to be partially offset by an increase in the value of the schemes’ assets, specially bond holdings and interest rate hedging instruments.

Inflation risk

Some of the Group's pension obligations are linked to inflation, and higher inflation will lead to higher liabilities (although, in most cases, caps on the level of inflationary increases are in place to protect the scheme against high inflation). As noted above, the schemes hold a significant proportion of assets in index-linked gilts, together with other inflation hedging instruments and also assets which are more closely correlated with inflation. However an increase in inflation may also create a deficit or increase the existing deficit to some degree.

Life expectancy

The majority of the scheme’s obligations are to provide benefits for the life of the member, so increases in life expectancy will result in an increase in the scheme’s liabilities. This is particularly significant in the UK defined benefit schemes, where inflationary increases result in higher sensitivity to changes in life expectancy.

19 Employee benefit obligations (cont'd)

(£ millions)

The following tables set out the disclosures pertaining to the retirement benefit amounts recognised in for the schemes under Jaguar Land Rover Automotive plc:

Change in present value of defined benefit obligation

	As at		
	31-March-19	31-March-18	31-March-17
Defined benefit obligation at beginning of year	**8,320**	9,969	7,668
Current service cost	**158**	217	198
Past service cost / (credit)	**42**	(437)	-
Interest expense	**216**	241	275
Actuarial (gain) / loss arising from:			
Changes in demographic assumptions	**(49)**	(210)	(76)
Changes in financial assumptions	**544**	(353)	2,335
Experience adjustments	**32**	(99)	(213)
Exchange differences on foreign schemes	**-**	(3)	5
Member contributions	**2**	4	2
Benefits paid	**(617)**	(988)	(225)
Plan settlement	**-**	(21)	-
Defined benefit obligation at end of year	**8,648**	**8,320**	9,969

Change in fair value of scheme assets

	As at		
	31-March-19	31-March-18	31-March-17
Fair value of schemes' assets at beginning of year	**7,882**	8,508	7,103
Interest income	**207**	218	258
Remeasurement gain / (loss) on the return of schemes' assets, excluding amounts included in interest income	**257**	(116)	1,149
Administrative expenses	**(13)**	(9)	(9)
Exchange differences on foreign schemes	**2**	(1)	3
Employer contributions	**262**	287	227
Member contributions	**1**	4	2
Benefits paid	**(617)**	(988)	(225)
Plan settlement	**-**	(21)	-
Fair value of schemes' assets at end of year	**7,981**	7,882	8,508

The actual return on the schemes' assets for the year ended 31 March 2019 was £465 million (2018: £102 million).
Amounts recognised in the consolidated statement of profit or loss consist of:

	2019	2018	2017
Current service cost	**158**	217	198
Past service cost / (credit)	**42**	(437)	-
Administrative expenses	**13**	9	9
Net interest cost (including onerous obligations)	**8**	23	17
Components of defined benefit (income) / cost recognised in profit or loss	**221**	(188)	224

19 Employee benefit obligations (cont'd)

(£ millions)

Amounts recognised in the other comprehensive income mainly consist of:

	2019	2018	2017
Actuarial (gains) / loss arising from:			
Changes in demographic assumptions	**49**	210	76
Changes in financial assumptions	**(544)**	353	(2,335)
Experience adjustments	**(32)**	99	213
Remeasurement loss / (gain) on the return of scheme assets, excluding amounts included in interest income	**257**	(116)	1,149
Change in onerous obligation, excluding amounts included in interest expense	**-**	-	2
Remeasurement gain/(loss) on defined benefit obligation	**(270)**	546	(895)

Amounts recognised in the statement of financial position mainly consist of:

		As at	
	31-March-19	31-March-18	31-March-17
Present value of unfunded defined benefit obligations	**(2)**	(1)	(2)
Present value of funded defined benefit obligations	**(8,646)**	(8,319)	(9,967)
Fair value of schemes' assets	**7,981**	7,882	8,508
Net retirement benefit obligation	**(667)**	(438)	(1,461)
Presented as non-current liability	**(667)**	(438)	(1,461)

The most recent valuations of the defined benefit schemes for accounting purposes were carried out at 31 March 2019 by a qualified independent actuary. The present value of the defined benefit liability, and the related current service cost and past service cost, were measured using the projected unit credit method. The asset valuations are taken from the asset custodian for each scheme.

19 Employee benefit obligations (cont'd)

The principal assumptions used in accounting for the pension schemes are set out below:

	31-March-19	31-March-18	31-March-17
Discount rate	**2.4%**	2.7%	2.6%
Expected rate of increase in compensation level of covered employees	**2.4%**	2.3%	2.3%
RPI Inflation rate	**3.2%**	3.1%	3.2%

For the valuation at 31 March 2019, the mortality assumptions used are the SAPS base table, in particular S2PxA tables and the Light table for members of the Jaguar Executive Pension Plan.

For the Jaguar Pension Plan, scaling factors of 112 per cent to 118 per cent have been used for male members and scaling factors of 101 per cent to 112 per cent have been used for female members.

For the Land Rover Pension Scheme, scaling factors of 107 per cent to 112 per cent have been used for male members and scaling factors of 101 per cent to 109 per cent have been used for female members.

For the Jaguar Executive Pension Plan, an avergae scaling factor of 94 per cent has been used for male members and an average scaling factor of 84 per cent has been used for female members.

For the valuation at 31 March 2018, the mortality assumptions used are the SAPS base table, in particular S2PxA tables and the Light table for members of the Jaguar Executive Pension Plan. A scaling factor of 113 per cent to 119 per cent for males and scaling factor of 102 per cent to 114 per cent for females has been used for the Jaguar Pension Plan, 108 per cent to 113 per cent for males and 102 per cent to 111 per cent for females for the Land Rover Pension Scheme, and 95 per cent for males and 85 per cent for females for the Jaguar Executive Pension Plan.

There is an allowance for future improvements in line with the CMI (2018) projections and an allowance for long-term improvements of 1.25% per annum (2018: CMI (2017) projections with 1.25% per annum improvements).

The assumed life expectations on retirement at age 65 are:		**As at**	
	31-March-19	31-March-18	31-March-17
Retiring today:		**(Years)**	
Males	**21.0**	21.3	21.5
Females	**23.2**	23.4	24.5
Retiring in 20 years:			
Males	**22.4**	22.5	23.3
Females	**25.1**	25.1	26.3

A past service cost of £42 million has been recognised in the year ended 31 March 2019. This reflects a plan amendment for certain members as part of the group restructuring program and a past service cost following a High Court ruling in October 2018. As a result, pension schemes are required to equalise male and female members' benefits for the inequalities within guaranteed minimum pension earned between 17 May 1990 and 5 April 1997. The Group historically made no assumptions for GMP and therefore have considered the change to be a plan amendment.

A past service credit of £437 million has been recognised in the year ended 31 March 2018 after the Group approved and communicated to its defined benefit schemes' members that the defined benefit schemes' rules were to be amended with effect from 6 April 2017. As a result, among other changes, future retirement benefits would be calculated each year and revalued until retirement in line with a prescribed rate rather than based upon a member's final salary at retirement.

The sensitivity analysis below is based on a change in an assumption while holding all other assumptions constant. In practice, this is unlikely to occur, and changes in some of the assumptions may be correlated. When calculating the sensitivity of the defined benefit obligation to significant actuarial assumptions the same method (present value of the defined benefit obligation calculated with the projected unit credit method at the end of the reporting period) has been applied as when calculating the pension liability recognised within the consolidated statement of financial position.

The methods and types of assumptions used in preparing the sensitivity analysis did not change compared to previous periods.

Assumption	**Change in assumption**	**Impact on scheme liabilities**	**Impact on service cost**
Discount rate	Increase / decrease by 0.25%	Decrease / increase by £430 million	Decrease / increase by £8 million
Inflation rate	Increase / decrease by 0.25%	Increase / decrease by £370 million	Increase / decrease by £8 million
Mortality	Increase / decrease by 1 year	Increase / decrease by £310 million	Increase / decrease by £5 million

(£ millions)

19 Employee benefit obligations (cont'd)

The fair value of scheme assets is represented by the following major categories:

As at	31-March-19				31-March-18				31-March-17			
	Quoted*	Unquoted	Total	%	Quoted*	Unquoted	Total	%	Quoted*	Unquoted	Total	%
Equity instruments												
Information technology	**79**	**-**	**79**	**1%**	132	-	132	2%	142	-	142	2%
Energy	**34**	**-**	**34**	**1%**	56	-	56	1%	61	-	61	1%
Manufacturing	**58**	**-**	**58**	**1%**	96	-	96	1%	104	-	104	1%
Financials	**91**	**-**	**91**	**1%**	151	-	151	2%	164	-	164	2%
Other	**251**	**-**	**251**	**3%**	417	-	417	5%	452	-	452	5%
	513	**-**	**513**	**7%**	852	-	852	11%	923	-	923	11%
Debt instruments												
Government	**2,509**	**-**	**2,509**	**31%**	2,524	-	2,524	32%	2,929	-	2,929	34%
Corporate bonds - (investment grade)	**149**	**1,694**	**1,843**	**23%**	20	1,836	1,856	24%	20	2,071	2,091	25%
Corporate bonds - (Non investment grade)	**-**	**613**	**613**	**8%**	-	584	584	7%	123	414	537	6%
	2,658	**2,307**	**4,965**	**62%**	2,544	2,420	4,964	63%	3,072	2,485	5,557	65%
Property funds												
UK	**-**	**244**	**244**	**3%**	-	165	165	2%	-	190	190	2%
Other	**-**	**229**	**229**	**3%**	-	160	160	2%	-	156	156	2%
	-	**473**	**473**	**6%**	-	325	325	4%	-	346	346	4%
Cash and cash equivalents	**210**	**-**	**210**	**3%**	218	-	218	3%	93	-	93	1%
Other												
Hedge funds	**-**	**310**	**310**	**4%**	-	356	356	4%	-	403	403	5%
Private markets	**4**	**336**	**340**	**4%**	2	252	254	3%	-	174	174	2%
Alternatives	**16**	**810**	**826**	**10%**	470	214	684	9%	327	379	706	8%
	20	**1,456**	**1,476**	**18%**	472	822	1,294	16%	327	956	1,283	15%
Derivatives												
Foreign exchange contracts	**-**	**16**	**16**	**-**	-	1	1	-	-	17	17	-
Interest rate and inflation	**-**	**328**	**328**	**4%**	-	228	228	3%	-	289	289	4%
	-	**344**	**344**	**4%**	-	229	229	3%	-	306	306	4%
Total	**3,401**	**4,580**	**7,981**	**100%**	4,086	3,796	7,882	100%	4,415	4,093	8,508	100%

*Quoted prices for identical assets or liabilities in active markets.

As at 31 March 2019, the schemes held Gilt Repos. The net value of these transactions is included in the value of government bonds. The value of the funding obligation for the Repo transactions is £1,528 million at 31 March 2019 (2018: £1,287 million).

The split of Level 1 assets is 62% (2018: 71%), Level 2 assets 24% (2018: 20%) and Level 3 assets 14% (2018: 9%). Private market holdings are classified as Level 3 instruments.For this purpose, each element of the Repo transactions is included separately.

One of the subsidiary Jaguar Land Rover contributes towards the UK defined benefit schemes. The 5 April 2018 valuations were completed in December 2018. As a result of these valuations it is intended to eliminate the pension scheme funding deficits over the 10 years to 31 March 2028. There is currently no additional liability over the projected benefit obligation (based on current legal advice the Group will not be required to recognise an additional obligation in the future). In line with the schedule of contributions agreed following the 2018 statutory valuation, the current ongoing Group contribution rate for defined benefit accrual has reduced to 22 per cent of pensionable salaries in the UK reflecting the 2017 benefit restructure. Deficit contributions are paid in line with the updated schedule of contributions at a rate of £60m per year until 31 March 2024 followed by £25 million per year until 31 March 2028.

The average duration of the benefit obligations at 31 March 2019 is 19 years (2018: 20.4 years).

The expected net periodic pension cost for the year ended 31 March 2020 is £166 million. The Group expects to pay £223 million to its defined benefit schemes, in total, for the year ended 31 March 2020.

19 Employee benefit obligations (cont'd)

Defined Contribution Plan

The Group's contribution to defined contribution schemes for the year ended 31 March 2019 was £93 million (2018: £77 million).

20 Share capital

	Group and Company		(£ millions)
	31-March-19	31-March-18	31-March-17
2,511,659,418 (2017: 2,511,659,418) ordinary shares issued at 1 April	**1,628**	1,422	1,422
Equity currency conversion	**-**	206	-
Total Share capital	**1,628**	1,628	1,422

Ordinary share of the Company has no par value, carry one vote per share and carry a right to dividends when declared by the Company.

During the year ended 31 March 2018, the Company has converted the currency of its share capital from United States Dollar to Pound Sterling (note 21).

21 Capital reserve

The capital reserve arose out of restructuring exercises carried out in 2010, 2014, 2015 and 2016.

During 2014 and 2015, the Company underwent a restructuring exercise. The effects of the merger of Tata Daewoo Commercial Vehicle Co. Ltd, Tata Motors (Thailand) Ltd, Tata Motors (SA) (Proprietary) Ltd and PT Tata Motors Indonesia resulted in a restatement of the reserves in previous years. No restructuring took place in 2019.

Capital reserve on currency conversion

During the year ended 31 March 2018, the Company has undergone conversion of currency of share capital from United States Dollar to Pound Sterling. The conversion was approved in the extra ordinary general meeting of the Company. The spot rate prevailing on the date of the EGM was used to convert the share capital. This has resulted in £ 206 million recognised as capital reserve on currency conversion with an increase of reciprocal amount in share capital.

22 Revenue

The Group's revenues are summarised as follows:

	Group	(£ millions)
	2019	2018
Revenue recognised for sales of vehicles, parts and accessories	**24,322**	26,271
Revenue recognised for services transferred	**250**	170
Revenue- Other	**950**	1,022
Total revenue excluding realised revenue hedges	**25,522**	27,463
Less: Realised revenue hedges	**(870)**	(1,389)
	24,652	26,074

Revenue – Other' includes sales of goods other than vehicles, parts and accessories as well as revenue recognised outside the scope of SFRS(I) 15, primarily being lease instalments recognised from assets sold with a repurchase commitment.

Contract Liabilities	**Group**
	2019
Ongoing service obligations	**805**
Liabilities for advances received	**90**
Total contract liabilities	**895**

Revenue that is expected to be recognised within five years related to performance obligations that are unsatisfied (or partially unsatisfied) amounted to £891 million at 31 March 2019.

Ongoing service obligations' mainly relate to long-term service and maintenance contracts, extended warranties, and telematics services. 'Liabilities for advances received' primarily relate to consideration received in advance from customers for products not yet wholesaled at which point the revenue will be recognised. 'Ongoing service obligations' and 'Liabilities for advances received' are both presented within 'Other liabilities' in the consolidated statement of financial position.

The Group applies the practical expedient in SFRS(I) 15 and does not disclose information about remaining performance obligations that have an original expected duration of one year or less. This is because revenue resulting from those sales will be recognised in a short-term period. The services included with the vehicle sale are to be recognised as revenues in subsequent years, but represent an insignificant portion of expected revenues in comparison.

The movement in contract liabilities relates solely to revenue recognised from balances held at the beginning of the year of £288 million and increases due to cash received for performance obligations unsatisfied at the year-end of £457 million.

		(£ millions)	
23	**Material and other cost of ales**	**2019**	2018
	Raw material and consumable used	**14,707**	15,947
	Realised purchase hedges	**(147)**	(182)
		14,560	15,765

24 **a)** Restructuring costs of £149 million relating to a Group wide voluntary redundancy program announced and carried out during the year ended 31 March 2019.

b) During the year ended 31 March 2018, a past service credit of £437 million following an amendment to the defined benefit pension schemes' rules that, among other changes, meant that future retirement benefits would be calculated each year and revalued until retirement in line with a prescribed rate rather than based upon a member's final salary at retirement. Further details are given in note 19.

c) During the year ended 31 March 2018, £1 million of import duties recovered in relation to vehicles damaged in the Tianjin explosion.

d) On July 31, 2018, the Company decided to cease the current manufacturing operations of Tata Motors Thailand Ltd. The Company will address the Thailand market with a revamped product portfolio, suitable to the local market needs, delivered throughs a CBU distribution model. Accordingly, the relevant restructuring costs have been accounted in the year ended 31 March 2019.

25 **Employee cost**

Employee cost consists of the following :	**Group**	
	2019	2018
Salaries, wages and welfare expenses	**2,636**	2,492
Contribution to provident fund and other funds	**280**	333
Total	**2,916**	2,825

Long-Term Incentive Plan (LTIP)

During the year ended 31 March 2016, the Group issued the final share-based payment LTIP arrangement based on the share price of Tata Motors Limited. The scheme provides a cash payment to the employee based on a specific number of phantom shares at the grant date and the share price of Tata Motors Limited at the vesting date. The cash payment is dependent upon continued employment for the duration of the three-year vesting period. The final cash payment in respect of the share-based payment LTIP was made during the year ended 31 March 2019.

	Group	
	2019	2018
	number	number
Outstanding at the beginning of the year	**1,929,391**	4,115,221
Vested in the year	**(1,764,566)**	(1,918,331)
Forfeited in the year	**(164,825)**	(267,499)
Outstanding at the end of the year	**-**	1,929,391

The weighted average share price of the 1,918,331 phantom stock awards vested in the year was £3.20 (2018: £4.33).

The weighted average remaining contractual life of the outstanding phantom shares is nil (2018: 0.3 years).

No phantom shares were exercisable as at 31 March 2019 (2018: no shares).

During the year ended 31 March 2019, £1 million was recognised as a credit to 'Employee cost' in relation to the sharebased payment LTIP (2018: £1 million).

The fair value of the balance sheet liability in respect of phantom stock awards outstanding at the year end was £nil (2018: £7 million) and is included in 'Provisions'.

The fair value of the awards was calculated using a Black-Scholes model at the grant date. The fair value is updated at each reporting date as the awards are accounted for as cash-settled under SFRS(I) 2 Share-based Payment. The inputs into the model are based on Tata Motors Limited historical data and the risk-free rate is calculated using government bond rates. The significant inputs used are:

	Group	
	31-March-19	31-March-18
Risk-free rate	n/a	0.87%
Dividend yield	n/a	0.00%
Weighted average fair value per phantom share	n/a	£3.32

During the year ended 31 March 2017, the Group announced a new LTIP to replace the previous share-based payment LTIP. The new LTIP, effective from June 2016, provides a cash payment to certain employees based on the Group's performance against long-term business metrics related to performance and strategic priorities (over a period of three years). This new LTIP benefit scheme has been accounted for in accordance with SFRS(I) 1-19 Employee Benefits.

(£ millions)

26 Other expenses

Other expenses consists of the following :

	Group 2019	Group 2018
Stores, spare parts and tools consumed	**193**	177
Freight and transportation expenses	**659**	1,042
Research and product development cost	**422**	406
Warranty expenses	**1,012**	701
Write down of property, plant and equipment	**18**	18
Write down of Intangibles	**-**	46
Works operation and other expenses	**2,173**	1,827
Repairs to building and plant and machinery	**38**	48
Processing charges	**10**	17
Power and fuel	**104**	85
Rent rates and other taxes	**95**	90
Insurance	**26**	27
Publicity	**870**	964
Total	**5,620**	5,448

27 Research and Development

	Group 2019	Group 2018
Total research and development costs incurred	**2,001**	2,021
Research and development expensed	**(422)**	(406)
Development costs capitalised	**1,579**	1,615
Interest capitalised	**99**	88
Research and development grants capitalised	**(96)**	(105)
Others	**(3)**	9
Total internally developed intangibles	**1,579**	1,607

During the year ended 31 March 2019, £135 million (2018: £147 million) was recognised by a UK subsidiary as a Research and Development Expenditure Credit ('RDEC') incentive on qualifying expenditure. During the year ended 31 March 2019, £91 million (2018: £102 million) of the RDEC – the proportion relating to capitalised product development expenditure and other intangible assets – has been offset against the cost of the respective assets. The remaining £44 million (2018: £45 million) of the RDEC has been recognised as 'Other income'.

28 Finance income and expense

Finance income and expense consist of the following :

	Group 2019	Group 2018
Finance income	**37**	34
Finance expense		
Total interest expense on financial liabilities measured at amortised cost	**283**	241
Interest expenses on derivative other than designated fair value hedge of financial liabilities	**7**	8
Interest income on derivatives designated as a fair value hedge of financial liabilities	**4**	3
Unwind of discount on provisions	**(26)**	(20)
Less: Interest capitalised	**(117)**	(104)
Total finance expense	**151**	128

The capitalisation rate used to calculate borrowing costs eligible for capitalisation was 4.1 % (2018: 4.3 %).

(£ millions)

29 Income tax expense / (credit)

	Group	
	2019	2018
Current tax expense		
Current year	**141**	300
Adjustments for prior years	**41**	52
Current tax expense	**182**	352
Deferred tax expense / (credit)		
Origination and reversal of temporary differences	**(250)**	65
Adjustments for prior years	**(48)**	(76)
Write down of deferred tax asset	**(245)**	-
Rate change	**50**	63
Deferred tax expense	**(493)**	52
Total income tax expense / (credit)	**(311)**	404
Recognised in the statement of comprehensive income:		
Deferred tax expense / (credit) on actuarial gains on retirement benefits	**(53)**	103
Deferred tax expense / (credit) in fair value of cash flow hedges	**(19)**	464
Deferred tax expense / (credit) on rate changes	**14**	(17)
	(58)	550

The total charge for the financial year can be reconciled to the accounting profit as follows:

	Group	
	2019	2018
Profit before income tax	**(3,764)**	1,485
Income tax expense / (credit) at tax rates applicable to individual entities	**(674)**	347
Non-deductible expenses	**63**	22
Over provision in prior years	**(7)**	(24)
Undistributed earnings of subsidiary corporations and equity accounted investees	**8**	30
Tax on share of profit of equity accounted investments	**(1)**	(48)
Unrecognised tax assets/deferred tax assets written off	**245**	5
Change in tax rates	**50**	63
Others	**5**	9
Income tax expense	**(311)**	404

Included within ‘Non-deductible expenses’ for the year ended 31 March 2019 is a £53 million charge for the impact of the impairment recorded in the year on non-tax-deductible property, plant and equipment and intangible assets.

Included within the line 'adjustment for prior years' for the year ended 31 March 2018 is £24 million credit relating to revisions of prior year estimates of tax positions to bring them into line with the currently filed tax positions. Included within ‘Changes in tax rates’ is a £54 million charge for the impact of the change in the US Federal rate from 35 per cent to 21 per cent on deferred tax assets.

Included within ‘adjustment for prior years’ for the year ended 31 March 2017 is £21 million credit relating to revisions of prior year estimates of tax positions in various jurisdictions, principally the UK, to bring them into line with the latest estimates and currently filed tax positions. This is offset by £11 million relating to uncertain tax positions arising in relation to normal ongoing assessments of tax positions globally.

The UK Finance Act 2016 was enacted during the year ended 31 March 2017, which included provisions for a further reduction in the UK corporation tax rate to 17% with effect from 1 April 2020.

Accordingly, UK deferred tax has been provided at a blended rate of 17.6% on assets (2018: 17.8%) and 17.4% on liabilities (2018: 17.4%), recognising the applicable tax rate at the point when the timing difference is expected to reverse.

(£ millions)

30 Profit / (loss) for the year

	Group	
	2019	2018
Directors' remuneration:		
of the Company	**-** *	-
of the subsidiary corporations	3	4
Defined contribution plan (included in employee benefits expenses)	**93**	77
Operating lease rental in respect of property, plant and equipment	**92**	92

* less than £1 million

31 Reconciliation of movements of liabilities to cash flows arising from financing activities

For the year ended	**Short-term borrowings**	**Long-term debts**	**Finance Lease obligations**
Balance as at 1 April 2017	239	4,305	7
Proceeds from issue of financing	609	1,004	-
Repayment of financing	(601)	(630)	(4)
Reclassification of long-term debt	518	(518)	-
Arrangement fees paid	-	(14)	-
Total changes from financing cash flows	**526**	**(158)**	**(4)**
Foreign exchange	**(38)**	**(103)**	**-**
Issue of new finance leases	-	-	16
Fee amortisation	-	14	-
Reclassification of long-term debt fees	(2)	2	-
Bond revaluation in hedge reserve	-	(145)	-
Fair value adjustment on loans	-	(10)	-
Total liability related other changes	**(2)**	**(139)**	**16**
Balance as at 31 March 2018	**725**	**3,905**	**19**
Proceeds from issue of financing	773	1,221	-
Repayment of financing	(1,376)	-	(2)
Reclassification of long-term debt	768	(768)	-
Arrangement fees paid	-	(18)	-
Total changes from financing cash flows	**165**	**435**	**(2)**
Foreign exchange	**66**	**32**	**-**
Issue of new finance leases	-	-	14
Fee amortisation	1	7	-
Reclassification of long-term debt fees	(1)	1	-
Bond revaluation in hedge reserve	-	103	-
Fair value adjustment on loans	-	(15)	-
Total liability related other changes	**-**	**96**	**14**
Balance as at 31 March 2019	**956**	**4,468**	**31**

32 Dividends

During the year ended 31 March 2019, the Company declared and paid a final tax exempt dividend of £0.0537493 per share (total dividend of £135 million). During the year ended 31 March 2019, the Company also paid final tax exempt dividend of £13 million out of the profit for the FY 2017-2018.

During the year ended 31 March 2018, the Company declared and paid a final tax exempt dividend of £0.037370 per share (total dividend of £94 million).

33 Commitments and contingencies

In the normal course of business, the Group faces claims and assertions by various parties. The Group assesses such claims and assertions and monitors the legal environment on an on-going basis, with the assistance of legal counsel wherever necessary. The Group records a liability for any claims where a potential loss is probable and capable of being estimated and discloses such matters in its financial statements, if material. For potential losses that are considered possible, but not probable, the Group provides a disclosure in the financial statements but does not record a liability in its accounts unless the loss becomes probable. Such potential losses may be of an uncertain timing and/or amount.

The following is a description of claims and assertions where a potential loss is possible, but not probable. Management believe that none of the contingencies described below, either individually or in aggregate, would have a material adverse effect on the Group's financial condition, results of operations, or cash flows.

Litigation and production matters

The Group is involved in legal proceedings, both as plaintiff and as defendant. There are claims and potential claims as at 31 March 2019 of £17 million (2018: £17 million) against the Group which management has not recognised as settlement is not considered probable. These claims and potential claims pertain to motor accident claims, consumer complaints, employment and dealership arrangements, replacement of parts of vehicles and/or compensation for deficiency in the services by the Group or its dealers.

The Group has provided for the estimated cost of repair following the passenger safety airbag issue in the United States, China, Canada, Korea, Australia and Japan. The Group recognises that there is a potential risk of further recalls in the future; however,at present the Group has assessed the risk as remote.

Other taxes and duties

Contingencies and commitments include tax contingent liabilities of £41 million (2018: £42 million). These mainly relate to tax audits and tax litigation claims.

Commitments

The Group has entered into various contracts with vendors and contractors for the acquisition of plant and equipment and various civil contracts of capital nature aggregating to £1027 million (2018: £853 million) and £20 million (2018: £15 million) relating to the acquisition of intangible assets.

Commitments and contingencies also includes other contingent liabilities of £222 million (2018: £149 million). The timing of any outflow will vary as and when claims are received and settled, which is not known with certainty.

The remaining financial commitments, in particular the purchase commitments and guarantees, are of a magnitude typical for the industry.

Trade receivables with a carrying amount of £114 million (2018: £155 million) are pledged as collateral/security against the borrowings and commitments.

Stipulated within the joint venture agreement for Chery Jaguar Land Rover Automotive Company Ltd. is a commitment for the Group to contribute a total of CNY 3,500 million of capital, of which CNY 2,875 million has been contributed as at 31 March 2019. The outstanding commitment of CNY 625 million translates to £71 million at 31 March 2019 exchange rate.

The Group's share of capital commitments of its joint venture at 31 March 2019 is £151 million (31 March 2018: £159 million) and contingent liabilities of its joint venture 31 March 2019 is £nil (31 March 2018: £1 million).

34 Financial instruments

This section gives an overview of the significance of financial instruments for the Group and provides additional information on the items within the statements of financial position that contain financial instruments.

The details of significant accounting policies, including the criteria for recognition, the basis of measurement and the basis on which income and expenses are recognised, in respect of each class of financial asset, financial liability and equity instrument are disclosed in Note 2 to the financial statements.

(A) Financial assets and liabilities

The following table shows the carrying amounts and fair value of each category of financial assets and liabilities, other than those with carrying amounts that are reasonable approximations of fair values as at 31 March 2019 under SFRS(I) 9:

Group

Financial assets **(£ millions)**

	Amortised Cost	Derivatives and other financial instruments in hedging relationship	Derivatives in other than hedging relationship	Total carrying value	Total fair value
Cash and cash equivalents	2,975	-	-	2,975	2,975
Short-term deposits	1,029	-	-	1,029	1,029
Trade receivables	1,430	-	-	1,430	1,430
Other financial assets - current	200	102	31	333	333
Other financial assets - non-current	120	43	18	181	181
Total financial assets	5,754	145	49	5,948	5,948

Financial liabilities

	Other financial liabilities	Derivatives and other financial instruments in hedging relationship	Derivatives in other than hedging relationship	Total carrying value	Total fair value
Accounts payable	7,218	-	-	7,218	7,218
Short-term borrowings	188	768	-	956	953
Long-term borrowings	4,468	-	-	4,468	4,461
Other financial liabilities - current	530	426	97	1,053	1,053
Other financial liabilities - non-current	29	266	22	317	317
Total financial liabilities	12,433	1,460	119	14,012	14,002

Included in the long-term borrowings shown in other financial liabilities is £813 million which is designated as the hedged item in a fair value hedge relationship. Included within this figure is £5 million of fair value adjustments as a result of the hedge relationship.

34 Financial instruments (cont'd)

Financial assets and liabilities

The following table shows the carrying amounts and fair value of each category of financial assets and liabilities, other than those with carrying amounts that are reasonable approximations of fair values as at 31 March 2019 under SFRS(I) 9:

Company

(£ millions)

Financial assets

	Amortised Cost	Derivatives and other financial instruments in hedging relationship	Fair value through profit or loss	Total carrying value	Total fair value
Cash and cash equivalents	158	-	-	158	158
Other financial assets - current	11	-	-	11	11
Other financial assets - non-current	-	-	7	7	7
Total financial assets	169	-	7	176	176

Financial liabilities

	Other financial liabilities	Derivatives and other financial instruments in hedging relationship	Fair value through profit or loss	Total carrying value	Total fair value
Other payables	7	-	-	7	7
Long-term borrowings	863	-	-	863	862
Other financial liabilities	-	7	-	7	7
Total financial liabilities	870	7	-	877	876

34 Financial instruments (cont'd)

The following table shows the carrying amounts and fair value of each category of financial assets and liabilities, other than those with carrying amounts that are reasonable approximations of fair values as at 31 March 2018 under FRS 39:

Group

Financial assets **(£ millions)**

	Held to maturity	Loans and receivables	Derivatives and other financial instruments in cash flow hedging relationship	Fair value through profit or loss	Total carrying value	Total fair value
Cash and cash equivalents	-	2,859	-	-	2,859	2,859
Short-term deposits	36	1,996	-	-	2,032	2,032
Trade receivables	-	1,666	-	-	1,666	1,666
Other financial assets - current	-	247	185	79	511	511
Other financial assets - non-current	-	132	266	21	419	419
Total financial assets	36	6,900	451	100	7,487	7,487

Financial liabilities

	Held to maturity	Other financial liabilities	Derivatives and other financial instruments in cash flow hedging relationship	Fair value through profit or loss	Total carrying value	Total fair value
Accounts payable	-	7,740	-	-	7,740	7,740
Short-term borrowings	-	725	-	-	725	728
Long-term borrowings	-	2,695	1,210	-	3,905	3,940
Other financial liabilities - current	-	532	585	88	1,205	1,205
Other financial liabilities - non-current	-	23	250	16	289	289
Total financial liabilities	-	11,715	2,045	104	13,864	13,902

Included in the long-term borrowings shown in other financial liabilities is £342 million which is designated as the hedged item in a fair value hedge relationship. Included within this figure is £10 million of fair value adjustments as a result of the hedge relationship.

34 Financial instruments (cont'd)

Financial assets and liabilities

The following table shows the carrying amounts and fair value of each category of financial assets and liabilities, other than those with carrying amounts that are reasonable approximations of fair values as at 31 March 2018 under FRS 39:

Company

(£ millions)

Financial assets

	Loans and receivables	Derivatives and other financial instruments in cash flow hedging	Fair value through profit or loss	Total carrying value	Total fair value
Cash and cash equivalents	145	-	-	145	145
Other financial assets - current	9	-	-	9	9
Other financial assets - non-current	-	-	1	1	1
Total financial assets	154	-	1	155	155

Financial liabilities

	Other financial liabilities	Derivatives and other financial instruments in cash flow hedging	Fair value through profit or loss	Total carrying value	Total fair value
Other payables	7	5	-	12	12
Long-term borrowings	844	-	-	844	850
Other financial liabilities	-	8	-	8	8
Total financial liabilities	851	13	-	864	870

34 Financial instruments (cont'd)

Financial assets and liabilities

The following table shows the carrying amounts and fair value of each category of financial assets and liabilities, other than those with carrying amounts that are reasonable approximations of fair values as at 31 March 2017 under FRS 39:

Group

(£ millions)

Financial assets

	Loans and receivables	Derivatives and other financial instruments in hedging relationship	Fair value through profit or loss	Total carrying value	Total fair value
Cash and cash equivalents	3,065	-	-	3,065	3,065
Short-term deposits	2,612	-	-	2,612	2,612
Trade receivables	1,338	-	-	1,338	1,338
Other financial assets - current	72	133	41	246	246
Other financial assets - non-current	18	205	114	337	337
Total financial assets	7,105	338	155	7,598	7,598

Financial liabilities

	Other financial liabilities	Derivatives and other financial instruments in hedging relationship	Fair value through profit or loss	Total carrying value	Total fair value
Accounts payable	6,645	-	-	6,645	6,645
Short-term borrowings	239	-	-	239	239
Long-term debts	3,342	963	-	4,305	4,412
Other financial liabilities - current	384	1,517	244	2,145	2,145
Other financial liabilities - non-current	8	1,379	12	1,399	1,399
Total financial liabilities	10,618	3,859	256	14,733	14,840

34 Financial instruments (cont'd)

Financial assets and liabilities

The following table shows the carrying amounts and fair value of each category of financial assets and liabilities, other than those with carrying amounts that are reasonable approximations of fair values as at 31 March 2017 under FRS 39:

Company

Financial assets **(£ millions)**

	Loans and receivables	Derivatives in cash flow hedging relationship	Fair value through profit or loss	Total carrying value	Total fair value
Cash and cash equivalents	98	-	-	98	98
Other financial assets - current	21	-	-	21	21
Loan to subsidiaries - current	8	-	-	8	8
Other financial assets - non-current	-	64	-	64	64
Total financial assets	127	64	-	191	191

Financial liabilities

	Other financial liabilities	Derivatives in cash flow hedging relationship	Fair value through profit or loss	Total carrying value	Total fair value
Other payables	6	-	-	6	6
Long-term debts	908	-	-	908	803
Total financial liabilities	914	-	-	914	809

34 Financial instruments (cont'd)

Offsetting

Certain financial assets and financial liabilities are subject to offsetting where there is currently a legally enforceable right to set off recognised amounts and the Group intends to either settle on a net basis, or to realise the asset and settle the liability simultaneously.

Derivative financial assets and financial liabilities are subject to master netting arrangements whereby in the case of insolvency, derivative financial assets and financial liabilities will be settled on a net basis.

The following table discloses the amounts that have been offset in arriving at the presentation on the statement of financial position and the amounts that are available for offset only under certain conditions as at 31 March 2019

Group **(£ millions)**

	Gross amount recognised	Gross amount of recognised set off in the statement of financial position	Net amount presented in the statement of financial position	Financial instruments	Net amount after offsetting
Financial assets					
Derivative financial assets	194	-	194	(194)	-
Cash and cash equivalents	3,403	(428)	2,975	-	2,975
	3,597	(428)	3,169	(194)	2,975
Financial liabilities					
Derivative financial liabilities	811	-	811	(194)	617
Short-term borrowings	1,384	(428)	956	-	956
	2,195	(428)	1,767	(194)	1,573

34 Financial instruments (cont'd)

The following table discloses the amounts that have been offset in arriving at the presentation on the statement of financial position and the amounts that are available for offset only under certain conditions as at 31 March 2018

Group **(£ millions)**

	Gross amount recognised	Gross amount of recognised set off in the statement of financial position	Net amount presented in the statement of financial position	Financial instruments	Net amount after offsetting
Financial assets					
Derivative financial assets	551	-	551	(531)	20
Cash and cash equivalents	3,039	(180)	2,859	-	2,859
	3,590	(180)	3,410	(531)	2,879
Financial liabilities					
Derivative financial liabilities	939	-	939	(531)	408
Short-term borrowings	905	(180)	725	-	725
	1,844	(180)	1,664	(531)	1,133

The following table discloses the amounts that have been offset in arriving at the presentation on the statement of financial position and the amounts that are available for offset only under certain conditions as at 31 March 2017

Group

	Gross amount recognised	Gross amount of recognised set off in the statement of financial position	Net amount presented in the statement of financial position	Financial instruments	Net amount after offsetting
Financial assets					
Derivative financial assets	493	-	493	(419)	74
Cash and cash equivalents	3,096	(31)	3,065	-	3,065
	3,589	(31)	3,558	(419)	3,139
Financial liabilities					
Derivative financial liabilities	3,152	-	3,152	(419)	2,733
Short-term borrowings	270	(31)	239	-	239
	3,422	(31)	3,391	(419)	2,972

34 Financial instruments (cont'd)

Fair value hierarchy

Financial instruments held at fair value are required to be measured by reference to the various levels as discussed in Note 2.

Of the financial assets held at 31 March 2019 and classified as Level 3, 91% (2018: 97%, 2017: 100%) were valued using recent transaction values and 9% (2018: 3%, 2017: nil%) were valued using an alternative technique.

Recent transaction values

The pricing of recent investment transactions is the main input of valuations performed by the Group. The Group's policy is to use observable market data where possible for its valuations and, in the absence of portfolio company earnings or revenue to compare or of relevant comparable businesses' data, recent transaction prices represent the most reliable observable inputs.

Alternative valuation methodologies

Alternative valuation methodologies are used by the Group for reasons specific to individual assets. At 31 March 2019 the alternative technique used was net net asset value, representing 100% of alternatively valued assets.

There has been no change in the valuation techniques adopted in either current or prior financial years as presented. The investment in Lyft Inc (note 11) has transferred from Level 3 to Level 1 as a result of the Lyft Inc Initial Public Offering on 29 March 2019. There were no transfers between fair value levels in prior financial years.

The financial instruments that are measured subsequent to initial recognition at fair value are classified as Level 2 fair value measurements, as defined by *SFRS(I) 13* , being those derived from inputs other than quoted prices that are observable. These valuation techniques maximise the use of observable market data where it is available and rely as little as possible on entity specific estimates. Fair value of forward derivative financial assets and liabilities are estimated by discounting expected future contractual cash flows using prevailing market interest rate curves from Reuters. Commodity swap contracts are similarly fair valued by discounting expected future contractual cash flows. Option contracts on foreign currency are entered into on a zero cost collar basis and fair value estimates are calculated from standard Black-Scholes options pricing methodology, using prevailing market interest rates and volatilities. The estimate of fair values for cross currency swaps is calculated using discounted estimated future cash flows. Estimates of the future floating-rate cash flows are based on quoted swap rates, future prices and interbank borrowing rates ('LIBOR').

Additionally, a Credit Valuation Adjustment (CVA) / Debit Value Adjustment (DVA) is taken on derivative financial assets and liabilities respectively and is calculated by discounting the fair value gain or loss on the financial derivative using credit default swap (CDS) prices quoted for the counterparty or JLR respectively. CDS prices are obtained from Reuters.

The long-term borrowings are held at amortised cost. Their fair value for disclosure purposes is determined using Level 1 valuation techniques, based on the closing price as at 31 March 2019 on the Luxembourg Stock Exchange multilateral trading facility ('EURO MTF') market, for unsecured listed bonds. For bank loans, level 2 valuation techniques are used.

Fair values of cash and cash equivalents, short-term deposits, trade receivables and payables, short-term borrowings other than unsecured listed bonds and other financial assets and liabilities (current and non-current excluding derivatives) are assumed to approximate to cost due to the short term maturing of the instruments and as the impact of discounting is not significant.

Other investments which are not equity accounted for are recognised at fair value. Where there is an active quoted market, the fair value is determined using Level 1 valuation techniques, based on the closing price at year end. The valuation as at 31 March 2019 is £46 million (2018: £nil). Where there is no active quoted market, the fair values have been determined using Level 3 valuation techniques and the closing valuation as at 31 March 2019 is £23 million (2018: £28 million). The fair value gain recognised in the Consolidated statement of profit or loss for the Level 3 investments for the year ended 31 March 2019 is £2 million (2018 is £2 million).

Management uses its best judgement in estimating the fair value of its financial instruments. However, there are inherent limitations in any estimation technique. Therefore, for substantially all financial instruments, the fair value estimates presented above are not necessarily indicative of all the amounts that the Group and the Company could have realised in a sales transaction as of respective dates. The estimated fair value amounts as at 31 March 2019, 2018 and 2017 have been measured as at the respective dates. As such, the fair values of these financial instruments subsequent to the respective reporting dates may be different than the amounts reported at each year end.

34 Financial instruments (cont'd)

(B) Financial Risk Management

In the course of its business, the Group is exposed to foreign currency exchange rate, commodity price, interest rate, liquidity and credit risk. The Group has a risk management framework in place which monitors all of these risks as discussed below. The framework is approved by the Board.

Foreign Currency Exchange Rate Risk

The fluctuation in foreign currency exchange rates may have potential impact on the consolidated statement of profit or loss and other comprehensive income, the consolidated statement of financial position, the consolidated cash flow statement and the consolidated statement of changes in equity, where any transaction references more than one currency or where assets/liabilities are denominated in a currency other than the functional currency of the respective consolidated entities.

Considering the countries and economic environment in which the Group operates, its operations are subject to risks arising from fluctuations in exchange rates in those countries. The risks primarily relate to fluctuations in US Dollar, Chinese Yuan and Euro against the functional currency of the Company and its subsidiaries.

Foreign exchange risk on future transactions is mitigated through the use of derivative contracts. The Group is also exposed to fluctuations in exchange rates which impact the valuation of foreign currency denominated assets and liabilities and also foreign currency denominated balances on the Group's statement of financial position at each reporting period end. In addition to the derivatives designated in hedging relationships as detailed in (C), the Group enters into foreign currency contracts as economic hedges of recognised foreign currency debt.

The following table sets forth information relating to foreign currency exposure as at 31 March 2019:

	US Dollar	Chinese Yuan	Euro	Others *	(£ millions) Total
Financial assets	**2,469**	**219**	**1,386**	**476**	**4,550**
Financial liabilities	**(3,598)**	**(424)**	**(3,530)**	**(993)**	**(8,545)**
Net exposure liability	**(1,129)**	**(205)**	**(2,144)**	**(517)**	**(3,995)**

10% appreciation / depreciation of the respective foreign currencies with respect to functional currency of the Company would result in decrease / increase in the Group's loss before income tax by approximately £455 million for financial assets and increase / decrease in the Group's loss before income tax by approximately £855 million for financial liabilites for the year period ended 31 March 2019.

The following table sets forth information relating to foreign currency exposure as at 31 March 2018:

	US Dollar	Chinese Yuan	Euro	Others *	(£ millions) Total
Financial assets	1,381	540	1,379	481	3,781
Financial liabilities	(3,287)	(588)	(3,357)	(421)	(7,653)
Net exposure (liabilities)/assets	(1,906)	(48)	(1,978)	60	(3,872)

10% appreciation / depreciation of the respective foreign currencies with respect to functional currency of the Company would result in decrease / increase in the Group's profit before income tax by approximately £378 million for financial assets and increase / decrease in the Group's profit before income tax by approximately £765 million for financial liabilites for the year period ended 31 March 2018.

* Others include Russian Rouble, Singapore dollar, Swiss Franc, Australian Dollar, South African Rand, Thai Baht, Korean Won, Japaneses Yen etc.

34 Financial instruments (cont'd)

Foreign Currency Exchange Rate Risk

The following table sets forth information relating to foreign currency exposure as at 31 March 2017:

	Chinese Yuan	US Dollar	Chinese Yuan	Euro	Others *	(£ millions) Total
Financial assets	490	1,228	490	1,142	454	3,314
Financial liabilities	(415)	(3,823)	(415)	(2,611)	(357)	(7,206)
Net exposure (liabilities)/assets	75	(2,595)	75	(1,469)	97	(3,892)

10% appreciation/depreciation of the respective foreign currencies with respect to functional currency of the Company would result in increase/decrease in the Group's profit before income tax by approximately £331 million for financial assets and decrease/increase in Group's profit before income tax by approximately £721 million for financial liabilites for the year ended 31 March 2017.

* Others include Russian Rouble, Singapore dollar, Swiss Franc, Australian Dollar, South African Rand, Thai Baht, Korean Won, Japaneses Yen etc.

Commodity Price Risk

The Group is exposed to commodity price risk arising from the purchase of certain raw materials such as such as aluminium, copper, platinum and palladium. This risk is mitigated through the use of derivative contracts and fixed price contracts with suppliers. The derivative contracts are not hedge accounted under SFRS(I) 9 but are instead measured at fair value through profit or loss.

The total fair value gain on commodity derivatives of £9 million (2018: £28 million) has been recognised in other income in the consolidated statement of profit or loss. The losses reported do not reflect the purchasing benefits received by the Group (which are included within 'Material and other cost of sales').

A 10% depreciation/appreciation of all commodity prices underlying such contracts would have resulted in a loss/gain of £53 million (2018: £50 million).

Interest Rate Risk

Interest rate risk is the risk that changes in market interest rates will lead to changes in interest income and expense for the Group.

In addition to issuing long-term fixed-rate bonds, the Group has other facilities in place which are primarily used to finance working capital that are subject to variable interest rates. When undertaking a new debt issuance, the Board will consider the fixed/floating interest rate mix of the Group, the outlook for future interest rates and the appetite for certainty of funding costs.

The Group uses cross currency interest rate swaps to convert some of its issued debt from foreign denominated fixed rate debt to GBP floating rate debt. The derivative instruments and the foreign currency fixed rate debt are designated in fair value and cash flow hedging relationships. As at 31 March 2019, the carrying amount of these derivative instruments was a liability of £4 million (2018: £29 million).Further detail is given in (C) below.

The risk estimates provided assume a parallel shift of 100 basis points interest rate across all yield curves. This calculation also assumes that the change occurs at the reporting date and has been calculated based on risk exposures outstanding as at that date. The year-end balances are not necessarily representative of the average debt outstanding during the year.

As at 31 March 2019, short-term borrowings of £114 million (2018: £155 million) and long term borrowings of £768 million (2018: £nil) were subject to a variable interest rate. An increase/decrease of 100 basis points in interest rates at the reporting date would result in an impact of £9 million (2018: £2 million) in statement of profit or loss.

The Group's sensitivity to interest rates has increased during the current year mainly due to the increase in variable rate debt instruments.

34 Financial instruments (cont'd)

Liquidity Risk

Liquidity risk is the risk that the Group will not be able to meet its financial obligations as they fall due. The Group's policy on liquidity risk is to maintain sufficient liquidity in the form of cash and undrawn borrowing facilities to meet the Group's operating requirements with an appropriate level of headroom.

The following are the undiscounted contractual maturities of financial liabilities, including estimated interest payments:

(£ millions)

Group
As at 31 March 2019

	Carrying amount	**Contractual cash flows**	**Within 1 year**	**1 to 5 years**	**More than 5 years**
Financial liabilities					
Borrowings and interest thereon	**5,468**	**7,142**	**1,982**	**3,601**	**1,559**
Finance lease obligations	**31**	**62**	**7**	**22**	**33**
Other financial liabilities	**484**	**565**	**538**	**12**	**15**
Accounts payable	**7,218**	**7,218**	**7,218**	**-**	**-**
Derivative financial instruments	**811**	**1,083**	**592**	**464**	**27**
Total contractual maturities	**14,012**	**16,070**	**10,337**	**4,099**	**1,634**

Group
As at 31 March 2018

	Carrying amount	Contractual cash flows	Within 1 year	1 to 5 years	More than 5 years
Financial liabilities					
Borrowings and interest thereon	4,673	5,316	884	3,198	1,234
Finance lease obligations	19	32	6	15	11
Other financial liabilities	493	493	493	-	-
Accounts payable	7,740	7,740	7,740	-	-
Derivative financial instruments	939	1,220	753	454	13
Total contractual maturities	13,864	14,801	9,876	3,667	1,258

Group
As at 31 March 2017

	Carrying amount	Contractual cash flows	Within 1 year	1 to 5 years	More than 5 years
Financial liabilities					
Borrowings and interest thereon	4,577	5,279	406	3,215	1,658
Finance lease obligations	7	11	2	4	5
Other financial liabilities	352	352	352	-	-
Accounts payable	6,645	6,645	6,645	-	-
Derivative financial instruments	3,152	4,078	1,956	2,113	9
Total contractual maturities	14,733	16,365	9,361	5,332	1,672

34 **Financial instruments (cont'd)**

Liquidity Risk

The following are the undiscounted contractual maturities of financial liabilities, including estimated interest payments:

(£ millions)

Company
As at 31 March 2019

	Carrying amount	Contractual cash flows	Within 1 year	1 to 5 years	More than 5 years
Financial liabilities					
Borrowings and interest thereon	**870**	**941**	**27**	**914**	**-**
Derivative financial liabilities	**7**	**7**	**-**	**7**	**-**
Total contractual maturities	**877**	**948**	**27**	**921**	**-**

Company
As at 31 March 2018

	Carrying amount	Contractual cash flows	Within 1 year	1 to 5 years	More than 5 years
Financial liabilities					
Borrowings and interest thereon	856	937	23	688	226
Derivative financial liabilities	13	13	5	8	-
Total contractual maturities	869	950	28	696	226

Company
As at 31 March 2017

	Carrying amount	Contractual cash flows	Within 1 year	1 to 5 years	More than 5 years
Financial liabilities					
Borrowings and interest thereon	914	1,057	33	780	244
Total contractual maturities	914	1,057	33	780	244

34 Financial instruments (cont'd)

Credit Risk

Credit risk is the risk of financial loss to the Group if a counterparty to a financial instrument fails to meet its contractual obligation. The majority of the Group's credit risk pertains to the risk of financial loss arising from counterparty default on cash investments.

The carrying amount of financial assets represents the maximum credit exposure. None of the financial instruments of the Group result in material concentrations of credit risks.

All Group cash is invested according to strict credit criteria and actively monitored by Treasury in conjunction with the current market valuation of derivative contracts. One of the subsidiary Board has implemented an investment policy that places limits on the maximum cash investment that can be made with any single counterparty depending on their published external credit rating.

To a lesser extent the Group has an exposure to counterparties on trade receivables. The Group will seek to mitigate credit risk on sales to third parties through the use of payment at the point of delivery, credit insurance and letters of credit from banks that meet internal rating criteria.

Financial assets

None of the Group's cash and cash equivalents, including time deposits with banks, are past due or impaired. Regarding other financial assets that are neither past due nor impaired, there were no indications as at 31 March 2019 or 31 March 2018 that defaults in payment obligations will occur.

The Group has reviewed trade receivables not yet due and not impaired and no material issues have been identified. Trade receivables past due and impaired are set out below:

Trade receivables ageing profile: **(£ millions)**

	31-March-19		
	Gross	**Impairment**	**Net**
Not yet due	**1,236**	**(1)**	**1,235**
Overdue < 3 months	**182**	**-**	**182**
Overdue >3<6 months	**3**	**-**	**3**
Overdue > 6 months	**30**	**(20)**	**10**
Total	**1,451**	**(21)**	**1,430**

	31-March-18		
	Gross	Impairment	Net
Not yet due	1,447	(2)	1,445
Overdue < 3 months	215	-	215
Overdue >3<6 months	6	(2)	4
Overdue > 6 months	63	(61)	2
Total	1,731	(65)	1,666

	31-March-17		
	Gross	Impairment	Net
Not yet due	1,247	(9)	1,238
Overdue < 3 months	93	(2)	91
Overdue >3<6 months	3	(1)	2
Overdue > 6 months	67	(60)	7
Total	1,410	(72)	1,338

Included within trade receivables is £114 million (2018: £155 million) of receivables which are part of a debt factoring arrangement. These assets do not qualify for derecognition due to the recourse arrangements in place. The related liability of £114 million (2018: £155 million) is in short-term borrowings (Note 14). Both asset and associated liability are stated at amortised cost.

34 Financial instruments (cont'd)

(C) Derivatives and Hedge Accounting

One of the major subsidiary of the Group manufactures vehicles for wholesale both in the UK and overseas. It also purchases raw materials in currencies other than the Groups functional currency of GBP. The Group forecasts these transactions over the medium term, and enters into derivative contracts to mitigate the resulting foreign currency exchange risk, interest risk and commodity price risk. The Groups risk management strategy allows for hedge accounting when the derivatives meet the hedge accounting criteria as set out in SFRS (I) 9 and where they meet the Groups risk management objectives.

Commodity derivatives are not hedge accounted. Foreign currency forward contracts, foreign currency options & foreign currency denominated borrowings may be designated as hedging instrument in a cash flow hedge relationship against forecast foreign currency transactions to mitigate foreign currency exchange risk associated with those transactions. In addition, the Group uses cross-currency interest rate swaps to hedge its foreign currency exchange risk associated with recognised long-term borrowings. These instruments are designated in both cash flow and fair value hedging relationships.

In all cases the Group uses a hedge ratio of 1:1. The critical terms of the derivative contracts are aligned with those of the hedged item. The Group allows a maximum hedging term of 5 years. The Groups risk management policy allows for decreasing levels of hedging as the forecasting horizon increases.

A 10 per cent depreciation/appreciation in Sterling against the foreign currency underlying the contracts within the Group's derivative portfolio that are sensitive to changes in foreign exchange rates (excluding US Dollar bonds designated in a cash flow hedging relationship) would have resulted in an approximate additional (loss)/gain of:

	As at		
	31-March-19	31-March-18	31-March-17
10% depreciation in Sterling against the foreign currency:			
In other comprehensive income	(273)	(908)	(1,602)
In the statement of profit or loss	109	116	34
10% appreciation in Sterling against the foreign currency:			
In other comprehensive income	244	773	1,613
In the statement of profit or loss	(75)	(95)	(34)

The following table sets out the change in the Group's exposure to interest rate risk as a result of cross-currency interest rate swaps:

	Foreign currency average			Reporting currency average interest rate		
Outstanding contracts	**2019**	2018	2017	**2019**	2018	2017
	%	%	%	%	%	%
Cross currency interest rate swaps >5 years	**4.5**	4.5	n/a	**LIBOR+3.235**	LIBOR+2.033	n/a

An increase/decrease of 100 basis points in interest rates at the balance sheet date would result in an impact of:

	2019	2018	2017
10% depreciation in interest rates:			
In the statement of profit or loss	**(5)**	-	(58)
10% appreciation in interest rates:			
In the statement of profit or loss	**19**	1	57

Cash Flow Hedges

The Group uses foreign currency options, foreign currency forwards contracts and recognised foreign currency borrowings as the hedging instrument in cash flow hedge relationships of hedged sales and purchases. The time value of options and the foreign currency basis spread of foreign exchange forward contracts are excluded from the hedge relationship and are recognised in other comprehensive income as a cost of hedging to the extent they relate to the hedged item (the aligned value). Additionally the Group uses cross-currency interest rate swaps as the hedging instrument of the foreign exchange risk of recognised foreign currency borrowings.

Changes in the fair value of foreign currency contracts, to the extent determined to be an effective cash flow hedge, are recognised in the consolidated statement of comprehensive income, and the ineffective portion of the fair value change is recognised in the statement of profit or loss. There is not generally expected to be significant ineffectiveness from cash flow hedges

It is anticipated that the hedged sales will take place over the next 1 - 5 years, at which time the amount deferred in equity will be reclassified to revenue in statement of profit and loss.

It is anticipated that the hedged purchases will take place over the next 1 - 5 years at which time the amount deferred in equity will be included in the carrying amount of the raw materials. On sale of the finished product the amount previously deferred in equity and subsequently deferred in inventory will be reclassified to cost of goods sold in statement of profit or loss.

The foreign currency borrowings designated as the hedged item mature in January 2026 and October 2027, at which time the amount deferred in equity will be reclassified to profit and loss.

34 Financial instruments (cont'd)

The table below sets out the timing profile of the hedge accounted derivatives:

	Average strike rate			Nominal amounts			Fair value assets/(liabilities)		
Outstanding Contracts	**Mar-19**	Mar-18	Mar-17	**Mar-19**	Mar-18	Mar-17	**Mar-19**	Mar-18	Mar-17
Cash Flow Hedges of FX Risk on forecast transactions									
Sell - USD									
<1 year	**0.6756**	0.6483	0.6509	**1,584**	2,257	3,468	**(187)**	(178)	(711)
Between 1-5 years	**0.6989**	0.6771	0.6624	**1,945**	2,988	5,531	**(114)**	(55)	(911)
Sell - Chinese Yuan									
<1 year	**0.1054**	0.1018	0.0999	**2,132**	2,984	3,467	**(153)**	(300)	(483)
Between 1-5 years	**0.1075**	0.1051	0.1020	**1,299**	2,582	4,143	**(43)**	(83)	(259)
Buy - Euro									
<1 year	**0.8823**	0.8521	0.8276	**3,609**	2,568	2,492	**14**	140	120
Between 1-5 years	**0.9192**	0.8994	0.8630	**4,030**	4,490	4,459	**(73)**	143	177
Other currencies									
<1 year	**0.0024**	0.0020	0.0021	**1,800**	1,748	1,694	**2**	(62)	(310)
Between 1-5 years	**0.0044**	0.0033	0.0027	**882**	1,560	1,829	**11**	40	(181)
				17,281	21,177	27,083	**(543)**	(355)	(2,558)
Debt instruments									
USD									
< 1 year	**0.7358**	0.6727	-	**736**	471	-	**(768)**	(498)	-
Between 1-5 years	**-**	0.7358	0.6728	**-**	736	807	**-**	(712)	(963)
				736	**1,207**	**807**	**(768)**	**(1,210)**	**(963)**
Hedges of Foreign exchange Risk on recognised Debt									
Cross currency interest rate swaps									
USD									
>5 years	**0.7592**	0.7592	-	**380**	380	-	**11**	(29)	-
EUR									
>5 years	**0.8912**	-	-	**446**	-	-	**(15)**	-	-
				826	380	-	**(4)**	(29)	-

The USD debt instrument used as a hedging instrument shown in the less than 1 year category above hedges some periods that are between 1 and 5 years. As the instrument itself matures within 1 year, the total amount has been shown in less than 1 year. The amounts hedging revenue between 1 and 5 years are £360 million (2018: £204 million).

The line items in the statement of financial position that include the above derivative instruments are 'Other Financial Assets' and 'Other Financial Liabilities'. The US denominated debt designated as a hedging instrument is included in 'Borrowings'.

34 Financial instruments (cont'd)

The following table sets out the effect of the Group's cash flow hedges on the financial position of the Group:

			(£ millions)
	31-March-19	31-March-18	31-March-17
Loss accumulated in the hedging reserve relating to exposure on anticipated future Revenue transactions	**(580)**	(636)	(3,085)
Gain / (loss) accumulated in the hedging reserve relating to exposure on anticipated future Purchase transactions	**(43)**	294	332
Loss accumulated in the hedging reserve relating to exposure on debt	**-**	(4)	-
Gain / (loss) accumulated in hedging reserve	**(623)**	(346)	(2,753)
Of which:			
Loss relates to continuing hedges	**(575)**	(307)	(2,590)
Loss relates to hedges where hedge accounting is no longer applied	**(48)**	(39)	(163)
Loss accumulated in the cost of hedging reserve relating to exposure on anticipated future Revenue transactions	**(16)**	(48)	(63)
Loss accumulated in the cost of hedging reserve relating to exposure on anticipated future Purchase transactions	**(26)**	(12)	(29)
Gain accumulated in the cost of hedging reserve relating to exposure on debt	**2**	3	-
Loss accumulated in Cost of hedging reserve	**(40)**	(57)	(92)
Of which:			
Loss relating to continuing hedges	**(41)**	(53)	(90)
Gain / (loss) relating to hedges where hedge accounting is no longer applied	**1**	(4)	(3)

The following table sets out the effect of the Group's cash flow hedges on the financial performance of the Group:

	31-March-19	31-March-18	31-March-17
Fair value gain / (loss) of foreign currency derivative contracts recognised in cash flow hedge reserve	**(876)**	1,075	(2,803)
Fair value gain / (loss) of foreign currency bonds recognised in cash flow hedge reserve	**(103)**	145	(150)
Fair value gain / (loss) of derivatives hedging foreign currency bonds recognised in cash flow hedge	**5**	(4)	-
Gain / (loss) recognized in other comprehensive income in the year	**(974)**	1,216	(2,953)
Fair value gain / (loss) of foreign currency derivative contracts recognised in cost of hedging reserve	**(11)**	22	(47)
Fair value gain / (loss) of derivatives hedging foreign currency bonds recognised in cost of hedging reserve	**(1)**	3	-
Gain / (loss) recognized in other comprehensive income in the year	**(12)**	25	(47)
Net gain / (loss) in the hedged item used for assessing hedge effectiveness	**(202)**	2,195	(1,402)
Gain / (loss) released from the hedging reserve relating to forecast transactions that are no longer expected to occur	**(12)**	7	42
Gain released from the cost of hedging reserve relating to forecast transactions that are no longer expected to occur	**1**	-	-
Loss on derivatives not hedge accounted, recognised in 'Foreign exchange loss / (gain) and fair value adjustments' in the statement of profit or loss	**(18)**	(4)	(53)

No ineffectiveness was recognised in the statement of profit or loss in the year ended 31 March 2019, 2018 or 2017 in respect of cash flow hedges.

34 Financial instruments (cont'd) **(£ millions)**

Fair Value Hedges

The Group uses cross currency interest rate swaps as the hedging instrument in a fair value hedge of foreign exchange and interest rate risks of foreign currency denominated debt. The derivatives convert USD fixed rate to GBP floating rate debt.

Changes in the fair value of foreign currency contracts that are designated in fair value hedging relationships are recognised in the statement of profit or loss. Changes in the fair value of the underlying hedged item (long-term borrowings) for the hedged risks are recognised in the same statement of profit or loss line.

The fair value of the cross-currency interest rate swaps, included in 'Derivatives and other financial instruments in a hedging relationship' in (A) are as follows:

	As at		
	31-March-19	31-March-18	31-March-17
Other financial assets – non-current	**11**	-	-
Other financial liabilities – non-current	**(15)**	(29)	-

The following amounts have been recognised in the years ended 31 March 2019, 2018 and 2017.

	2019	2018	2017
Net change in the hedged item used for assessing hedge effectiveness, taken to the income statement in 'Foreign exchange loss and fair value adjustments'	**(29)**	34	-
Fair value changes in the derivative instruments used in assessing hedge effectiveness, taken to the consolidated income statement in 'Foreign exchange (loss) / gainand fair value adjustments'	**22**	(27)	-
Ineffectiveness recognised in the statement of profit or loss in 'Foreign exchange (loss) / gain'	**(7)**	7	-

35 Capital management

The Group's objectives when managing capital are to ensure the going concern operation of all subsidiary companies within the Group and to maintain an efficient capital structure to support ongoing and future operations of the Group and to meet shareholder expectations.

The Group's policy is to borrow primarily through capital market debt issues to meet anticipated funding requirements and maintain sufficient liquidity. The Group also maintains certain undrawn committed credit facilities to provide additional liquidity. These borrowings, together with cash generated from operations, are loaned internally or contributed as equity to certain subsidiaries as required. Surplus cash in subsidiaries is pooled (where practicable) and invested to satisfy security, liquidity and yield requirements.

The capital structure is governed according to Group policies approved by the Board and is regularly monitored to ensure sufficient liquidity is maintained. Funding requirements are reviewed periodically with any debt issuances and capital distributions approved by the Board.

The following table summarises the capital of the Group:

		(£ millions)	
		As at	
	31-March-19	31-March-18	31-March-17
Short-term borrowings	**956**	725	239
Long-term debts	**4,468**	3,905	4,305
Finance lease obligation	**31**	19	7
Total debts	**5,455**	4,649	4,551
Equity	**5,496**	9,554	6,145
Total capital	**10,951**	14,203	10,696

(£ millions)

36 Leases

Group as lessee

The future minimum non-cancellable finance lease rentals are payable as follows:

	As at		
	31-March-19	31-March-18	31-March-17
Less than one year	**7**	6	2
Between one and five years	**22**	15	4
More than five years	**33**	11	5
Total lease payments	**62**	32	11
Less future finance charges	**(31)**	(13)	(4)
Present value of lease obligation	**31**	19	7

The above leases relate to amounts payable under the minimum lease payments on plant and equipment. The carrying value of these assets as at 31 March 2019 was £28 million (2018: £21 million). The Group leased certain of its manufacturing euipment under finance leases that mature between 2019 and 2048. The Group will take ownership of all assets held under finance lease at the end of the lease term.

The future minimum non-cancellable operating lease rentals are payable as follows:

	As at	
	31-March-19	31-March-18
Less than one year	**115**	91
Between one and five years	**272**	224
More than five years	**239**	238
Total lease payments	**626**	553

The Group leases a number of buildings, plant and equipment and IT hardware and software under operating leases, certain of which have a renewal and/or purchase option in the normal course of business.

Group as lessor

The future minimum lease receipts under non-cancellable operating leases are as follows:

	As at	
	31-March-19	31-March-18
Less than one year	**5**	5
Between one and five years	**2**	2
More than five years	**9**	9
Total lease receipts	**16**	16

37 Segment reporting

Operating segments are defined as components of the Group about which separate financial information is available that is evaluated regularly by the chief operating decision maker, or decision making group, in deciding how to allocate resources and in assessing performance.

The Group operates in the automotive segment. The automotive segment includes all activities relating to development, design, manufacture, assembly and sale of vehicles including financing thereof, as well as sale of related parts and accessories from which the Group derives its revenues. The Group has only one operating segment, so no separate segment report is given.

The geographic spread of sales and non-current assets is as disclosed below:

(£ millions)

	UK	US	China	Rest of Europe	Rest of World	Total
31-March-19						
Revenue	**5,228**	**5,485**	**3,312**	**5,355**	**5,272**	**24,652**
Non-current assets	**10,859**	**32**	**16**	**1,045**	**297**	**12,249**
31-March-18						
Revenue	5,096	4,974	5,554	5,318	5,440	26,382
Non-current assets	13,146	32	18	819	314	14,329

In the table above, non-current assets includes property, plant and equipment and intangible assets.

INDEPENDENT AUDITOR'S REPORT
TO THE MEMBERS OF JAGUAR LAND ROVER AUTOMOTIVE PLC

1. OUR OPINION IS UNMODIFIED

We have audited the financial statements of Jaguar Land Rover Automotive plc ("the Company") for the year ended 31 March 2021 which comprise the Consolidated Income Statement, Consolidated Statement of Comprehensive Income and Expense, Consolidated Balance Sheet, Consolidated Statement of Changes in Equity, Consolidated Cash Flow Statement, the parent Company Balance Sheet, the parent Company Statement of Changes in Equity, the parent Company Cash Flow Statement, and the related notes, including the parent Company and Group accounting policies in note 2.

In our opinion:

- the financial statements give a true and fair view of the state of the Group's and of the parent Company's affairs as at 31 March 2021 and of the Group's loss for the year then ended;
- the Group financial statements have been properly prepared in accordance with the requirements of the Companies Act 2006;
- the parent Company financial statements have been properly prepared in accordance with international accounting standards in conformity with the requirements of, and as applied in accordance with the provisions of the Companies Act 2006; and
- the financial statements have been prepared in accordance with the requirements of the Companies Act 2006.

Basis for opinion

We conducted our audit in accordance with International Standards on Auditing (UK) ("ISAs (UK)") and applicable law. Our responsibilities are described below. We have fulfilled our ethical responsibilities under, and are independent of the Group in accordance with, UK ethical requirements including the FRC Ethical Standard as applied to listed entities. We believe that the audit evidence we have obtained is a sufficient and appropriate basis for our opinion.

OVERVIEW

Materiality: Group financial statements as a whole		£80m (2020: £85.9m) 0.4% of Group Revenue (2020: 0.4% of Group Revenue)
Coverage		82% (2020:88%) of Group revenue
Key audit matters		vs 2020
Recurring risks	Going concern	▼
	Impairment of property plant and equipment, intangible, and right-of use non-current assets	◀▶
	Capitalisation of product engineering costs	◀▶
	Valuation of defined benefit plan obligations	◀▶
Parent Company key audit matter	Recoverability of parent Company investment in subsidiaries and intra- group debtors	◀▶

2. KEY AUDIT MATTERS: INCLUDING OUR ASSESSMENT OF RISKS OF MATERIAL MISSTATEMENT

Key audit matters are those matters that, in our professional judgement, were of most significance in the audit of the financial statements and include the most significant assessed risks of material misstatement (whether or not due to fraud) identified by us, including those which had the greatest effect on: the overall audit strategy; the allocation of resources in the audit; and directing the efforts of the engagement team. These matters were addressed in the context of our audit of the financial statements as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters. In arriving at our audit opinion above, the key audit matters, in decreasing order of audit significance, were as follows:

	The risk	Our response
Going Concern Risk vs 2020 ▼ Refer to page 60 (accounting policy).	**Disclosure quality:** The financial statements explain how the Board has formed a judgement that it is appropriate to adopt the going concern basis of preparation for the Group and parent Company. That judgement is based on an evaluation of the inherent risks to the Group's and the parent Company's business model, in particular risks associated with the global coronavirus pandemic, the impact of Brexit, and how those risks might affect the Group and parent Company's financial resources or ability to continue operations over a period to 30 September 2022. The risks most likely to adversely affect the Group and parent Company's available financial resources over this period were: • The impact of coronavirus lockdowns and related potential economic damage on customer demand in the Group's key markets, • The impact on the Group's supply chain and consequent production capability from semiconductor shortages, coronavirus related supply shortages and supplier continuity risks The risk for our audit is whether or not those risks are such that they amount to a material uncertainty that may cast significant doubt about the ability to continue as a going concern. Had they been such, then that fact would have been required to be disclosed.	We considered whether these risks could plausibly affect the liquidity or covenant compliance in the going concern period by assessing the directors' sensitivities over the level of available financial resources and covenant thresholds indicated by the Group's financial forecasts taking account of severe, but plausible, adverse effects that could arise from these risks individually and collectively. Our procedures also included: ▪ **Assessment of management's process:** Evaluated management's process to produce forecasts, including the assessment of internal and external factors used to determine the severe but plausible downside scenarios adopted. ▪ **Funding assessment:** Evaluated the Group and parent Company's financing facilities to ensure that the available terms and covenants associated with these facilities, were completely and accurately reflected in the cash flow forecasts ▪ **Key dependency assessment:** Evaluated whether the key assumptions underpinning the forecast cash flows, which the directors have used to support the Directors' going concern basis of preparation and to assess whether the Group can meet its financial commitments as they fall due, were realistic, achievable and consistent with the external environment and other matters identified in the audit. The key assumptions include sales volumes together with fixed and variable costs. Inspected the timing of cash outflows related to the Reimagine restructuring and ensured that they were completely and accurately incorporated into the cash flow forecasts. ▪ **Historical comparisons:** Evaluated the historical cash flow forecasting accuracy of the Group by comparing historical cash flows to actual results reported, as well as assessing the accuracy of key assumptions previously applied. ▪ **Benchmarking assumptions:** Assessed the appropriateness of the Group's key assumptions used in the cash flow forecasts by benchmarking them to externally derived data, with particular focus on forecast sales volumes. ▪ **Sensitivity analysis:** Considered sensitivities over the key assumptions underlying the Group's cash flow forecasts and their impact on the level of available financial resources. ▪ **Our sector experience:** We used our industry specialists to challenge the key assumptions made by the directors in their forecast cash flows. ▪ **Assessing transparency:** Assessed the completeness and accuracy of the matters disclosed in the going concern disclosure by considering whether it is consistent with our knowledge of the business.

	The risk	Our response
Impairment of property plant and equipment, intangible, and right-of-use non-current assets Risk vs 2020 ◀▶ *(Carrying value of property plant and equipment, intangible, and right-of-use non-current assets £12,391 million; 2020: £13,660 million)* *Refer to page 67 (accounting policy) and page 91 (financial disclosures).*	**Forecast-based assessment** There is a risk that the carrying value of property, plant and equipment (PPE), intangible assets, and right-of-use assets (ROUAs) may be higher than the recoverable amount. Where a review for impairment, or reversal of impairment, is conducted, the recoverable amount is determined based on the higher of 'value-in-use' or 'fair value less costs of disposal'. The Group holds a significant amount of property, plant and equipment and intangible assets on its balance sheet. Property, plant and equipment, intangible assets and right-of-use assets are at risk of being impaired as cash flow forecasts may contain optimistic expectations of terminal value variable profit and terminal value capital expenditure. The Group has also announced it's 'Reimagine' strategy which has led to the termination of the mid Modular Longitudinal Architecture ('MLA') development programme. The effect of these matters is that, as part of our risk assessment, we determined that the calculation of the value in use of property, plant and equipment, intangible assets, and right-of-use assets has a high degree of estimation uncertainty, with a range of reasonable outcomes greater than our materiality for the financial statements as a whole, and possibly many times that amount. The financial statements note 20 disclose the sensitivities estimated by the Group.	Our procedures included: ▪ **Historical accuracy:** Evaluated historical forecasting accuracy of discounted cash flow forecasts, including key assumptions, by comparing them to the actual results. ▪ **Historical comparison:** Assessed appropriateness of the Group's key assumptions used in the discounted cash flow forecasts by comparing those, where appropriate, to historical trends in terminal value variable profit and terminal value capital expenditure. ▪ **Benchmarking assumptions:** Assessed the appropriateness of the Group's estimated value in use amount by comparing the implied trading multiples to market multiples of comparative companies with the assistance of our valuation specialists. Assessed appropriateness of the Group's assumptions used in the cash flow projections by comparing the key assumption of sales volumes to externally derived data. Compared the Group's discount rate and long-term growth rate to external benchmark data and comparative companies and re-performed the discount rate calculation using the capital asset pricing model with the assistance of our valuation specialists. ▪ **Sensitivity analysis:** Performed a sensitivity analysis on key assumptions, generating an independent range for comparison, taking account of the Group's Reimagine strategy. ▪ **Comparing valuations:** Assessed the Group's reconciliation between the estimated market capitalisation of the Group, by reference to the overall market capitalisation of the Tata Motors Limited Group and compared to the estimated recoverable amount of the cash generating unit. ▪ **Impairment reversal:** Assessed whether the increase in value in use was indicative of an impairment reversal. ▪ **Assessing transparency:** Assessed the adequacy of the Group's disclosures in the financial statements and ensured that the disclosure reflects the reasonably possible changes in key assumptions that erode the headroom in the recoverable amount compared to the cash generating unit carrying value to nil.

	The risk	Our response
Capitalisation of product engineering costs Risk vs 2020 ◀▶ *(£769 million; 2020: £1,426 million)* *Refer to page 67 (accounting policy) and page 81 (financial disclosures).*	**Subjective judgement** The Group capitalises a high proportion of product development spend and there is a key judgement in determining whether the nature of the product engineering costs satisfy the criteria for capitalisation to 'Intangible Assets, Product Development in Progress' and when this capitalisation should commence. The judgement of when capitalisation should commence consists of a number of judgements regarding the satisfaction of IAS 38 capitalisation criteria, and a key judgement is assessing whether development projects will generate probable future economic benefit. The financial statements (note 2) disclose that had the value of central overheads not been classed as directly attributable it would have reduced the amount capitalised by £80 million (2020: £117 million).	Our procedures included: ▪ **Control operation:** Tested controls over the Group's retrospective review of historically forecast material production costs at the point capitalisation commenced against actual costs observed in manufacture. This historical accuracy is a key input into the directors' assessment of whether the future economic benefit of development projects is probable and the control over the Group's judgements as to whether costs are considered directly attributable. ▪ **Our experience:** Critically assessed the directors' judgements regarding identified directly attributable costs against both the accounting standards and our experience or practical application of these standards in other companies. ▪ **Benchmarking assumptions:** For a sample of the volume assumptions contained in capitalised projects, compared the Group's assessment of economic viability to externally derived data. ▪ **Sensitivity analysis:** For a sample of the Group's assessments of economic viability of development projects, assessed the Group's application of appropriate downside sensitivities in establishing whether future economic benefit is considered probable. ▪ **Historical comparison:** Performed a retrospective review of revenue and material cost per vehicle on completed development projects to assess previous economic viability assumptions against actual outturn. Considered whether the Reimagine asset impairments were evidence of incorrect previous assessments of economic viability at the time of initial capitalisation. ▪ **Assessing transparency:** Assessed the adequacy of the Group's disclosures in respect of the key judgements made relating to the nature of the costs capitalised and the point at which capitalisation commences.

	The risk	Our response
Valuation of defined benefit plan obligations Risk vs 2020 ◄► (£8,432 million; 2020: £7,788 million) Refer to page 68, Defined benefit obligation estimate (accounting policy) and pages 102 to 108, Defined benefit obligation (financial disclosures).	**Subjective valuation** Small changes in the key assumptions and estimates, being the discount rate, inflation rate and mortality/life expectancy, used to value the Group's pension obligation (before deducting scheme assets) would have a significant effect on the amount of the Groups' net defined benefit plan asset/(obligation). The risk is that these assumptions are inappropriate resulting in an inappropriate valuation of plan obligations. The effect of these matters is that, as part of our risk assessment, we determined that valuation of the pension obligation has a high degree of estimation uncertainty, with a potential range of reasonable outcomes greater than our materiality for the financial statements as a whole, and possibly many times that amount. The financial statements (note 33) disclose the sensitivity estimated by the Group.	Our procedures included: ▪ **Control Operation:** Tested controls over the assumptions applied in the valuation and inspected the Group's annual validation of the assumptions used by its actuarial expert. Tested the Group's controls operating over selection and monitoring of its actuarial expert for competence and objectivity. ▪ **Benchmarking assumptions:** Challenged, with the support of our own actuarial specialists, the key assumptions applied to the valuation of the liabilities, being the discount rate, inflation rate and mortality/ life expectancy against externally derived data. ▪ **Assessing transparency:** Considered the adequacy of the Group's disclosures in respect of the sensitivity of the Groups' net defined benefit plan asset/(obligation) to these assumptions

	The risk	Our response
Recoverability of parent Company investment in subsidiaries and intra-group debtors Risk vs 2020 Investment ◄► (£1,655 million; 2020: £1,655million) Intra-group debtors (£6,038 million; 2020: £5,728 million)	**Low risk, high value** The carrying amount of the parent Company's investment in its subsidiary, which acts as an intermediate holding company for the rest of the parent Company's subsidiaries, represents 21% (2020: 22%) of the parent Company's assets. The carrying amount of the intra-group debtors balance comprises the remaining 79% (2020: 78%). Their recoverability is not at a high risk of significant misstatement or subject to significant judgement. However, due to their materiality and in the context of the parent Company financial statements this is considered to be one of the areas that had the greatest effect on our overall parent Company audit.	Our procedures included: ▪ **Tests of detail:** Compared the carrying amount of the parent Company's only investment with the subsidiary's draft balance sheet and assessed 100% of the intra-group debtor balance to identify whether its net assets, being an approximation of its minimum recoverable amount, was in excess of its carrying amount. ▪ **Assessing subsidiary audits:** Assessed the work performed as part of the group audit over the subsidiaries' profits and net assets. ▪ **Comparing valuations:** Compared the carrying amount of the investment in the subsidiary to the Group's estimated market capitalisation of its ultimate parent, adjusted to exclude the liabilities of the parent Company and net assets of companies outside the Group, being an approximation of the recoverable amount of the investment.

In the prior year we reported a key audit matter in respect of the impact of uncertainties due to the UK exiting the European Union. Following the trade agreement between the UK and the EU, and the end of the EU-exit implementation period, the nature of these uncertainties has changed. We continue to perform procedures over material assumptions in forward looking assessments such as going concern and impairment tests however we no longer consider the effect of the UK's departure from the EU to be a separate key audit matter.

3. OUR APPLICATION OF MATERIALITY AND AN OVERVIEW OF THE SCOPE OF OUR AUDIT

Materiality for the Group financial statements as a whole was set at £80 million (2020: £85.9 million), determined with reference to a benchmark of Group revenue of £19,731 million (2020: £22,984 million) of which it represents 0.4% (2020: 0.4%).

We consider Group revenue to be the most appropriate benchmark, as it provides a more stable measure year on year than Group profit or loss before tax.

Materiality for the parent Company financial statements as a whole was set at £36 million (2020: £37 million), determined with reference to a benchmark of the parent Company total assets of £7,694 million (2020: £7,385 million), of which it represents 0.5% (2020: 0.5%).

In line with our audit methodology, our procedures on individual account balances and disclosures were performed to a lower threshold, performance materiality, so as to reduce to an acceptable level the risk that individually immaterial misstatements in individual account balances add up to a material amount across the financial statements as a whole.

Performance materiality was set at 65% (2020: 65%) of materiality for the financial statements as a whole, which equates to £52 million (2020: £55.8 million) for the group and £23 million (2020: £24.7 million) for the parent company.

We applied this percentage in our determination of performance materiality based on the level of identified control deficiencies during the prior period.

We agreed to report to the Audit Committee any corrected or uncorrected identified misstatements exceeding £4 million (2020: £4.3 million) in addition to other identified misstatements that warranted reporting on qualitative grounds.

Of the Group's 37 (2020: 38) reporting components, we subjected 4 (2020: 4) to full scope audits for group purposes and 4 (2020: 7) to specified risk focused procedures. The latter were not individually financially significant enough to require a full scope audit for group purposes but did present specific individual risks that needed to be addressed.

The 4 (2020: 7) components subjected to specified risk-focused audit procedures are as follows:

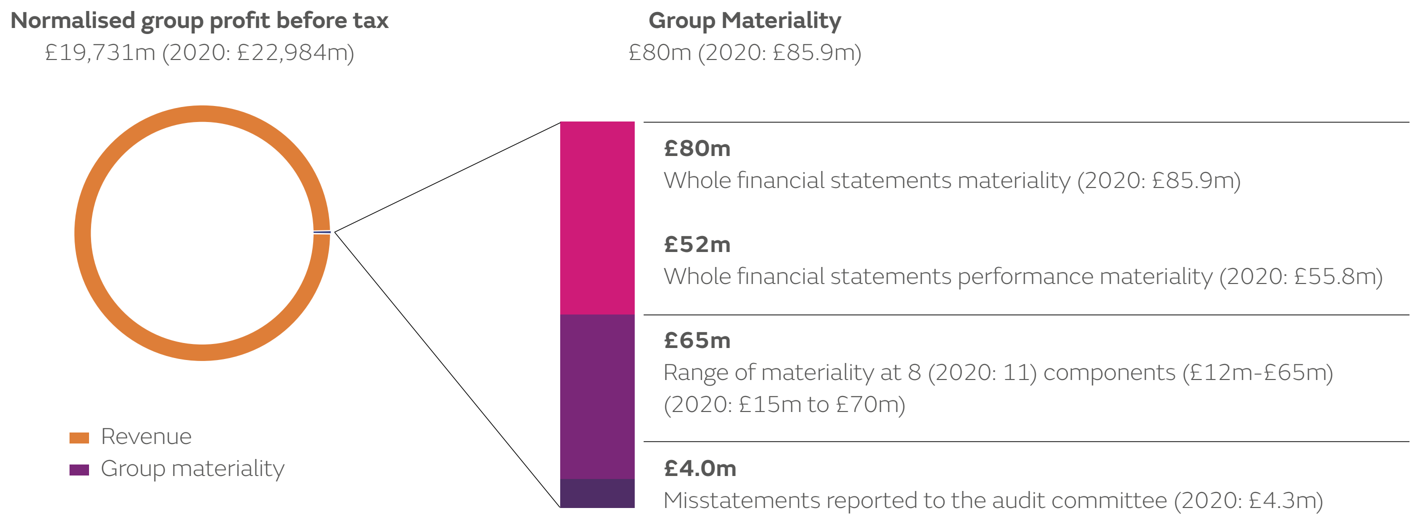
- Revenue - 3 components (2020: 5)
- Material & other cost of sales - 3 components (2020: 1)
- Other expenses - 0 components (2020: 2)
- Property, plant and equipment - 1 component (2020: 1)
- Depreciation - 1 component (2020: 0)
- Deferred tax assets - 0 components (2020: 2)
- Inventories - 3 components (2020: 6)
- Cash & cash equivalents - 3 components (2020: 0)
- Accounts receivable - 3 components (2020: 0)
- Accounts payable - 2 components (2020: 2)
- Other current liabilities - 0 components (2020: 2)
- Other non-current liabilities - 0 components (2020: 2)

The components within the scope of our work accounted for the percentages illustrated on page 52.

The remaining 18% (2020: 12%) of Group revenue, 10% (2020: 3%) of the total profits and losses that made up Group loss before tax, 11% (2020: 3%) of the total profits and losses that made up Group loss before exceptional items and tax and 11% (2020: 5%) of total Group assets are represented by 29 (2020:27) reporting components, none of which individually represented more than 4% (2020: 2%) of any of Group revenue, total profits and losses that made up Group loss before tax, total profits and losses that made up Group loss before exceptional items and tax or total Group assets. For the residual components, we performed analysis at an aggregated Group level to re- examine our assessment that there were no significant risks of material misstatement within these.

The Group team instructed component auditors as to the significant areas to be covered, including the relevant risks detailed above and the information to be reported back. The Group team approved the component materialities, which ranged from £12 million to £65 million (2020: £15 million to £70 million), having regard to the mix of size and risk profile of the Group across the components.

The work on 5 of the 8 (2020: 9 of the 11) components was performed by component auditors and the rest, including the audit of the parent Company, was performed by the Group team. The Group team visited 0 (2020: 2) component locations to assess the audit risk, strategy and completed audit work, as planned visits to those component locations were prevented by movement restrictions relating to the COVID-19 pandemic. Instead, video and telephone conference meetings were held to discuss the audit risk, strategy, and findings reported to the Group team in more detail, and any further work required by the Group team was then performed by the component auditor.



4. GOING CONCERN

The Directors have prepared the financial statements on the going concern basis as they do not intend to liquidate the Group or the Company or to cease their operations, and as they have concluded that the Group and the Company's financial position means that this is realistic. They have also concluded that there are no material uncertainties that could have cast significant doubt over their ability to continue as a going concern for at least a year from the date of approval of the financial statements ("the going concern period").

An explanation of how we evaluated management's assessment of going concern is set out in the related key audit matter in section 2 of this report.

Our conclusions based on this work:

- we consider that the directors' use of the going concern basis of accounting in the preparation of the financial statements is appropriate;
- we have not identified, and concur with the directors' assessment that there is not, a material uncertainty related to events or conditions that, individually or collectively, may cast significant doubt on the Group's or Company's ability to continue as a going concern for the going concern period; and
- we found the going concern disclosure in note 2 to be acceptable

However, as we cannot predict all future events or conditions and as subsequent events may result in outcomes that are inconsistent with judgements that were reasonable at the time they were made, the above conclusions are not a guarantee that the Group or the Company will continue in operation.

5. FRAUD AND BREACHES OF LAWS AND REGULATIONS – ABILITY TO DETECT

Identifying and responding to risks of material misstatement due to fraud

To identify risks of material misstatement due to fraud ("fraud risks") we assessed events or conditions that could indicate an incentive or pressure to commit fraud or provide an opportunity to commit fraud. Our risk assessment procedures included:

- Enquiring of directors, the audit committee, internal audit and certain senior managers as to the Group's high-level policies and procedures to prevent and detect fraud, including the internal audit function, and the Group's channel for "whistleblowing", as well as whether they have knowledge of any actual, suspected or alleged fraud.
- Reading Board and audit committee minutes.
- Considering remuneration incentive schemes and performance targets for management and directors.
- Using analytical procedures to identify any unusual or unexpected relationships.
- Using our own forensic specialists to assist us in identifying fraud risks based on discussions of the circumstances of the Group and Company.

We communicated identified fraud risks throughout the audit team and remained alert to any indications of fraud throughout the audit.

This included communication from the group to component audit teams of relevant fraud risks identified at the Group level and request to component audit teams to report to the Group audit team any instances of fraud that could give rise to a material misstatement at group.

As required by auditing standards, and taking into account possible pressures to meet profit targets, we perform procedures to address the risk of management override of controls and the risk of fraudulent revenue recognition, in particular the risk that new vehicle revenue is recognised in the incorrect period and the risk that Group and component management may be in a position to make inappropriate accounting entries, and the risk of bias in accounting estimates and judgements such as: determining whether the nature of the product engineering costs satisfy the criteria for capitalisation and when this capitalisation should commence; and estimating the value in use of property, plant and equipment and long-life intangible assets.

Further detail in respect of the identified fraud risks related to inappropriate capitalisation of product engineering costs and under recognition of impairment charges relating to long-life assets is set out in the key audit matter disclosures in section 2 of this report.

In determining the audit procedures we took into account the results of our evaluation and testing of the operating effectiveness of the Group-wide fraud risk management controls

We also performed procedures including:

- Identifying journal entries to test for all relevant full scope components based on risk criteria tailored for the risks at each component and comparing the identified entries to supporting documentation. Examples of the criteria applied include those posted by senior finance management, those posted and approved by the same user, and those posted to unusual accounts.
- Evaluated the business purpose of significant unusual transactions.
- Assessing significant accounting estimates for bias.
- Assessing when revenue was recognised, particularly

- focusing on revenue recognised in the days before and after the year end date, and whether it was recognised in the correct year.

Work on the fraud risks was performed by a combination of component auditors and the group audit team.

Identifying and responding to risks of material misstatement due to non-compliance with laws and regulations

We identified areas of laws and regulations that could reasonably be expected to have a material effect on the financial statements from our general commercial and sector experience, and through discussion with the directors and other management (as required by auditing standards), and from inspection of the Group's regulatory and legal correspondence and discussed with the directors and other management the policies and procedures regarding compliance with laws and regulations.

We communicated identified laws and regulations throughout our team and remained alert to any indications of non-compliance throughout the audit. This included communication from the group to component audit teams of relevant laws and regulations identified at the Group level, and a request for component auditors to report to the group team any instances of non-compliance with laws and regulations that could give rise to a material misstatement at group.

The potential effect of these laws and regulations on the financial statements varies considerably.

Firstly, the Group is subject to laws and regulations that directly affect the financial statements including financial reporting legislation (including related companies legislation), distributable profits legislation, taxation legislation, and pension legislation and we assessed the extent of compliance with these laws and regulations as part of our procedures on the related financial statement items.

Secondly, the Group is subject to many other laws and regulations where the consequences of non-compliance could have a material effect on amounts or disclosures in the financial statements, for instance through the imposition of fines or litigation. We identified the following areas as those most likely to have such an effect: product compliance, environmental (including emission targets), health and safety, anti-bribery and employment law (including GDPR) recognising the nature of the Group's activities and its legal form. Auditing standards limit the required audit procedures to identify non-compliance with these laws and regulations to enquiry of the directors and other management and inspection of regulatory and legal correspondence, if any. Therefore if a breach of operational regulations is not disclosed to us or evident from relevant correspondence, an audit will not detect that breach.

Context of the ability of the audit to detect fraud or breaches of law or regulation

Owing to the inherent limitations of an audit, there is an unavoidable risk that we may not have detected some material misstatements in the financial statements, even though we have properly planned and performed our audit in accordance with auditing standards. For example, the further removed non-compliance with laws and regulations is from the events and transactions reflected in the financial statements, the less likely the inherently limited procedures required by auditing standards would identify it.

In addition, as with any audit, there remained a higher risk of non-detection of fraud, as these may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal controls. Our audit procedures are designed to detect material misstatement. We are not responsible for preventing non-compliance or fraud and cannot be expected to detect non-compliance with all laws and regulations.

6. WE HAVE NOTHING TO REPORT ON THE OTHER INFORMATION IN THE ANNUAL REPORT

The directors are responsible for the other information presented in the Annual Report together with the financial statements. Our opinion on the financial statements does not cover the other information and, accordingly, we do not express an audit opinion or, except as explicitly stated below, any form of assurance conclusion thereon.

Our responsibility is to read the other information and, in doing so, consider whether, based on our financial statements audit work, the information therein is materially misstated or inconsistent with the financial statements or our audit knowledge. Based solely on that work we have not identified material misstatements in the other information.

Strategic report and directors' report

Based solely on our work on the other information:

- we have not identified material misstatements in the strategic report and the directors' report;
- in our opinion the information given in those reports for the financial year is consistent with the financial statements; and
- in our opinion those reports have been prepared in accordance with the Companies Act 2006.

7. WE HAVE NOTHING TO REPORT ON THE OTHER MATTERS ON WHICH WE ARE REQUIRED TO REPORT BY EXCEPTION

Under the Companies Act 2006, we are required to report to you if, in our opinion:

- adequate accounting records have not been kept by the parent Company, or returns adequate for our audit have not been received from branches not visited by us; or
- the parent Company financial statements are not in agreement with the accounting records and returns; or
- certain disclosures of directors' remuneration specified by law are not made; or
- we have not received all the information and explanations we require for our audit.

We have nothing to report in these respects.

8. RESPECTIVE RESPONSIBILITIES

Directors' responsibilities

As explained more fully in their statement set out on page 44, the directors are responsible for: the preparation of the financial statements including being satisfied that they give a true and fair view; such internal controls as they determine is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error; assessing the Group and parent Company's ability to continue as a going concern, disclosing, as applicable, matters related to going concern; and using the going concern basis of accounting unless they either intend to liquidate the Group or the parent Company or to cease operations, or have no realistic alternative but to do so.

Auditor's responsibilities

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue our opinion in an auditor's report. Reasonable assurance is a high level of assurance, but does not guarantee that an audit conducted in accordance with ISAs (UK) will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of the financial statements.

A fuller description of our responsibilities is provided on the FRC's website at www.frc.org.uk/auditorsresponsibilities.

9. THE PURPOSE OF OUR AUDIT WORK AND TO WHOM WE OWE OUR RESPONSIBILITIES

This report is made solely to the Company's members, as a body, in accordance with Chapter 3 of Part 16 of the Companies Act 2006. Our audit work has been undertaken so that we might state to the Company's members those matters we are required to state to them in an auditor's report and for no other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than the Company and the Company's members, as a body, for our audit work, for this report, or for the opinions we have formed.

Simon Haydn-Jones (Senior Statutory Auditor)
for and on behalf of KPMG LLP, Statutory Auditor

Chartered Accountants
One Snowhill
Snow Hill Queensway
Birmingham
B4 6GH

28 May 2021

CONSOLIDATED INCOME STATEMENT

Year ended 31 March (£ millions)	Note	2021	2020	2019
Revenue	5	19,731	22,984	24,214
Material and other cost of sales*	4,6	(12,335)	(14,684)	(15,670)
Employee costs*	4,7	(2,141)	(2,568)	(2,820)
Other expenses*	4,11	(3,589)	(5,238)	(5,567)
Exceptional items	4	(1,523)	(29)	(3,271)
Other income	10	195	174	205
Engineering costs capitalised	12	727	1,369	1,576
Depreciation and amortisation		(1,976)	(1,910)	(2,164)
Foreign exchange gain/(loss) and fair value adjustments		331	(249)	(59)
Finance income	13	11	52	35
Finance expense (net)	13	(251)	(209)	(111)
Share of (loss)/profit of equity accounted investments	16	(41)	(114)	3
Loss before tax		**(861)**	**(422)**	**(3,629)**
Income tax (expense)/credit	15	(239)	(47)	308
Loss for the year		**(1,100)**	**(469)**	**(3,321)**
Attributable to:				
Owners of the Company		(1,101)	(471)	(3,325)
Non-controlling interests		1	2	4

*'Material and other cost of sales', 'Employee costs' and 'Other expenses' exclude the exceptional items explained in note 4.

The notes on pages 60 to 127 are an integral part of these consolidated financial statements.

CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME AND EXPENSE

Year ended 31 March (£ millions)	Note	2021	2020 restated*	2019 restated*
Loss for the year		**(1,100)**	**(469)**	**(3,321)**
Items that will not be reclassified subsequently to profit or loss:				
Remeasurement of net defined benefit obligation	33	(751)	983	(270)
Income tax related to items that will not be reclassified	15	143	(155)	38
		(608)	**828**	**(232)**
Items that may be reclassified subsequently to profit or loss:				
Gain/(loss) on cash flow hedges (net)		546	304	(105)
Currency translation differences		(41)	21	(4)
Income tax related to items that may be reclassified	15	(103)	(57)	19
		402	**268**	**(90)**
Other comprehensive (expense)/income net of tax		**(206)**	**1,096**	**(322)**
Total comprehensive (expense)/income attributable to shareholder		**(1,306)**	**627**	**(3,643)**
Attributable to:				
Owners of the Company		(1,307)	625	(3,647)
Non-controlling interests		1	2	4

*See note 2 for details of the restatement

The notes on pages 60 to 127 are an integral part of these consolidated financial statements.

CONSOLIDATED BALANCE SHEET

As at 31 March (£ millions)	Note	2021	2020	2019
Non-current assets				
Investments in equity accounted investees	16	316	362	477
Other non-current investments	17	22	37	69
Other financial assets	18	341	257	170
Property, plant and equipment	19	6,461	6,814	6,492
Intangible assets	20	5,387	6,278	5,627
Right-of-use assets	37	543	568	-
Pension asset	33	-	408	-
Other non-current assets	21	32	23	83
Deferred tax assets	15	397	523	512
Total non-current assets		**13,499**	**15,270**	**13,430**
Current assets				
Cash and cash equivalents	22	3,778	2,271	2,747
Short-term deposits and other investments		1,004	1,393	1,028
Trade receivables		863	833	1,362
Other financial assets	18	477	383	314
Inventories	24	3,022	3,468	3,608
Other current assets	21	448	477	570
Current tax assets		80	9	10
Total current assets		**9,672**	**8,834**	**9,639**
Total assets		**23,171**	**24,104**	**23,069**
Current liabilities				
Accounts payable	25	6,308	6,499	7,083
Short-term borrowings	26	1,206	526	881
Other financial liabilities	27	746	1,073	1,042
Provisions	28	1,161	944	988
Other current liabilities	29	638	716	664
Current tax liabilities		100	100	94
Total current liabilities		**10,159**	**9,858**	**10,752**
Non-current liabilities				
Long-term borrowings	26	4,972	4,817	3,599
Other financial liabilities	27	625	778	310
Provisions	28	1,188	1,355	1,140
Retirement benefit obligation	33	387	28	667
Other non-current liabilities	29	461	533	521
Deferred tax liabilities	15	116	179	101
Total non-current liabilities		**7,749**	**7,690**	**6,338**
Total liabilities		**17,908**	**17,548**	**17,090**
Equity attributable to shareholders				
Ordinary shares	30	1,501	1,501	1,501
Capital redemption reserve	30	167	167	167
Other reserves	31	3,586	4,880	4,305
Equity attributable to shareholders		**5,254**	**6,548**	**5,973**
Non-controlling interests		9	8	6
Total equity		**5,263**	**6,556**	**5,979**
Total liabilities and equity		**23,171**	**24,104**	**23,069**

The notes on pages 60 to 127 are an integral part of these consolidated financial statements.

These consolidated financial statements were approved by the JLR plc Board and authorised for issue on 28 May 2021.

They were signed on its behalf by:

T. Bolloré

THIERRY BOLLORÉ
CHIEF EXECUTIVE OFFICER
COMPANY REGISTERED NUMBER: 06477691

CONSOLIDATED STATEMENT OF CHANGES IN EQUITY

(£ millions)	Ordinary shares	Capital redemption reserve	Other reserves	Equity attributable to shareholder	Non-controlling interests	Total equity
Balance at 1 April 2020	**1,501**	**167**	**4,880**	**6,548**	**8**	**6,556**
(Loss)/profit for the year	-	-	(1,101)	(1,101)	1	(1,100)
Other comprehensive expense for the year	-	-	(206)	(206)	-	(206)
Total comprehensive (expense)/ income	**-**	**-**	**(1,307)**	**(1,307)**	**1**	**(1,306)**
Amounts removed from hedge reserve and recognised in inventory	-	-	16	16	-	16
Income tax related to amounts removed from hedge reserve and recognised in inventory	-	-	(3)	(3)	-	(3)
Balance at 31 March 2021	**1,501**	**167**	**3,586**	**5,254**	**9**	**5,263**
Balance at 1 April 2019	**1,501**	**167**	**4,305**	**5,973**	**6**	**5,979**
Adjustment on initial application of IFRS 16 (net of tax)	-	-	(23)	(23)	-	(23)
Adjusted balance at 1 April 2019	**1,501**	**167**	**4,282**	**5,950**	**6**	**5,956**
(Loss)/profit for the year	-	-	(471)	(471)	2	(469)
Other comprehensive income for the year	-	-	1,096	1,096	-	1,096
Total comprehensive income	**-**	**-**	**625**	**625**	**2**	**627**
Amounts removed from hedge reserve and recognised in inventory	-	-	(33)	(33)	-	(33)
Income tax related to amounts removed from hedge reserve and recognised in inventory	-	-	6	6	-	6
Balance at 31 March 2020	**1,501**	**167**	**4,880**	**6,548**	**8**	**6,556**
Balance at 1 April 2018	**1,501**	**167**	**8,308**	**9,976**	**8**	**9,984**
Adjustment on initial application of IFRS 9 and IFRS 15 (net of tax)	-	-	(32)	(32)	-	(32)
Adjusted balance at 1 April 2018	**1,501**	**167**	**8,276**	**9,944**	**8**	**9,952**
(Loss)/profit for the year	-	-	(3,325)	(3,325)	4	(3,321)
Other comprehensive expense for the year	-	-	(322)	(322)	-	(322)
Total comprehensive (expense)/ income	**-**	**-**	**(3,647)**	**(3,647)**	**4**	**(3,643)**
Amounts removed from hedge reserve and recognised in inventory	-	-	(122)	(122)	-	(122)
Income tax related to amounts removed from hedge reserve and recognised in inventory	-	-	23	23	-	23
Dividend	-	-	(225)	(225)	-	(225)
Distribution to non-controlling interest	-	-	-	-	(6)	(6)
Balance at 31 March 2019	**1,501**	**167**	**4,305**	**5,973**	**6**	**5,979**

The notes on pages 60 to 127 are an integral part of these consolidated financial statements.

CONSOLIDATED CASH FLOW STATEMENT

Year ended 31 March (£ millions)	Note	2021	2020	2019
Cash flows from operating activities				
Cash generated from operations	39	2,536	2,399	2,458
Dividends received	16	-	67	22
Income tax paid		(210)	(152)	(227)
Net cash generated from operating activities		**2,326**	**2,314**	**2,253**
Cash flows from investing activities				
Investment in equity accounted investments		(1)	(67)	-
Purchases of other investments		(4)	(11)	(14)
Proceeds from sale of other investments		22	-	-
Investment in other restricted deposits		(57)	(35)	(35)
Redemption of other restricted deposits		55	31	36
Movements in other restricted deposits		(2)	(4)	1
Investment in short-term deposits and other investments		(3,169)	(4,010)	(2,437)
Redemption of short-term deposits and other investments		3,512	3,659	3,511
Movements in short-term deposits and other investments		343	(351)	1,074
Purchases of property, plant and equipment		(1,050)	(1,281)	(1,590)
Proceeds from sale of property, plant and equipment		8	1	2
Net cash outflow relating to intangible asset expenditure		(799)	(1,511)	(1,785)
Finance income received		14	50	34
Acquisition of subsidiaries (net of cash acquired)		-	(3)	-
Net cash used in investing activities		**(1,469)**	**(3,177)**	**(2,278)**
Cash flows from financing activities				
Finance expenses and fees paid		(313)	(262)	(210)
Proceeds from issuance of short-term borrowings		919	2	649
Repayment of short-term borrowings		(324)	(115)	(703)
Proceeds from issuance of long-term borrowings		1,034	1,600	1,214
Repayment of long-term borrowings		(425)	(824)	(547)
Payments of lease obligations		(79)	(72)	(2)
Distributions to non-controlling interests		-	-	(3)
Dividends paid	32	-	-	(225)
Net cash generated from financing activities		**812**	**329**	**173**
Net increase/(decrease) in cash and cash equivalents		**1,669**	**(534)**	**148**
Cash and cash equivalents at beginning of year	22	2,271	2,747	2,626
Effect of foreign exchange on cash and cash equivalents		(162)	58	(27)
Cash and cash equivalents at end of year	**22**	**3,778**	**2,271**	**2,747**

The notes on pages 60 to 127 are an integral part of these consolidated financial statements.

NOTES (FORMING PART OF THE CONSOLIDATED FINANCIAL STATEMENTS)

1 Background and operations

Jaguar Land Rover Automotive plc ("the Company") and its subsidiaries are collectively referred to as "the Group" or "JLR". The Company is a public limited company incorporated and domiciled in the United Kingdom. The address of its registered office is Abbey Road, Whitley, Coventry CV3 4LF, England, United Kingdom.

The Company is a subsidiary of Tata Motors Limited, India and acts as an intermediate holding company for the Jaguar Land Rover business. The principal activity during the year was the design, development, manufacture and marketing of high-performance luxury saloons, specialist sports cars and four-wheel-drive off-road vehicles.

These consolidated financial statements have been prepared in Pound Sterling (GBP) and rounded to the nearest million GBP (£ million) unless otherwise stated. Results for the year ended and as at 31 March 2019 have been disclosed solely for the information of the users.

2 Accounting policies

Statement of compliance

These consolidated and parent company financial statements have been prepared in accordance with international accounting standards in conformity with the requirements of the Companies Act 2006.

The Company has taken advantage of section 408 of the Companies Act 2006 and, therefore, the separate financial statements of the Company do not include the income statement or the statement of comprehensive income of the Company on a stand-alone basis.

Basis of preparation

The consolidated financial statements have been prepared on a historical cost basis except for certain financial instruments, which are measured at fair value at the end of each reporting period as explained in the accounting policies below. The balance sheet and accompanying notes as at 31 March 2019 have been disclosed solely for the information of the users.

The Group has been presenting gains and losses on effective cash flow hedges of inventory in the statement of other comprehensive income and expense as "not to be reclassified to income statement". With wider industry practice emerging, clearer guidance now being available and with the present economic situation due to COVID-19, the Group has changed the presentation of these effective cash flow hedges of inventory to "may be reclassified to income statement", from the year ended 31 March 2021 and accordingly reclassified the comparative amounts for the prior periods. The change in presentation is within the statement of other comprehensive income and expense and does not affect net income.

Going concern

The financial statements have been prepared on a going concern basis.

The Directors have assessed the financial position of the Group as at 31 March 2021, and the projected cash flows of the Group for the period to 30 September 2022 (the 'Going Concern Assessment Period' and the 'Foreseeable Future'). The extension is so as to include the reporting date subsequent to the commencement of the new Revolving Credit Facility (RCF) in July 2020, when the associated liquidity covenant will be tested.

The Group has modelled two main scenarios in its assessment of going concern: a base case and a severe but plausible downside scenario.

The base case takes into account uncertainties related to the COVID-19 pandemic and near-term supply chain challenges related to global semi-conductor shortages. The severe but plausible downside scenario models the impact of a repeat of the COVID-19 pandemic.

Within the Going Concern Assessment Period there is a £1bn liquidity covenant attached to both the UKEF loan and new RCF.

The Group forecasts sufficient funds to meet its liabilities as they fall due throughout the Going Concern Assessment Period, without breaching any relevant covenants nor the need for any mitigating actions and new funding.

Further details on the going concern assessment can be found in the Directors' Report on page 43.

The Directors, after making appropriate enquiries and taking into consideration the risks and uncertainties facing the Group, consider that the Group has adequate financial resources to continue in operational existence throughout the Going Concern Assessment Period, meeting its liabilities as they fall due. Accordingly, the Directors continue to adopt the going concern basis in preparing these consolidated and parent company financial statements.

Basis of consolidation

Subsidiaries
The consolidated financial statements include Jaguar Land Rover Automotive plc and its subsidiaries. Subsidiaries are entities controlled by the Company. Control exists when the Company (a) has power over the investee, (b) is exposed or has rights to variable return from its involvement with the investee and (c) has the ability to to affect those returns through its power to direct relevant activites of the investee. Relevant activites are those activities that significantly affect an entity's returns. In assessing control, potential voting rights that currently are exercisable are taken into account, as well as other contractual arrangements that may influence control. Intercompany transactions and balances including unrealised profits are eliminated in full on consolidation.

Joint ventures and associates (equity accounted investments)
A joint arrangement is an arrangement of which two or more parties have joint control. Joint control is the contractually agreed sharing of control of an arrangement, which exists only when decisions about the relevant activities require the unanimous consent of the parties sharing control. A joint venture is a joint arrangement whereby the parties that have joint control of the arrangement have rights to the net assets of the arrangement.

Associates are those entities over which the Group has significant influence. Significant influence is the power to participate in the financial and operating policy decisions of the investee but is not control or joint control of those policies. Significant influence is presumed to exist when the Group holds between 20 and 50 per cent of the voting power of the investee unless it can be clearly demonstrated that this is not the case.

The results, assets and liabilities of joint ventures and associates are incorporated in these financial statements using the equity method of accounting as described below.

An interest in an associate or joint venture is accounted for using the equity method from the date the investee becomes an associate or a joint venture and is recognised initially at cost. The carrying value of investment in associates and joint ventures includes goodwill identified on date of acquisition, net of any accumulated impairment losses. The consolidated financial statements include the Group's share of profits or losses, other comprehensive income and equity movements of equity accounted investments, from the date that joint control or significant influence commences until the date that joint control or significant influence ceases. When the Group's share of losses exceeds its interest in an equity accounted investment, the carrying amount of that interest (including any long-term interests in the nature of net investments) is reduced to nil and the recognition of further losses is discontinued except to the extent that the Group has incurred constructive or legal obligations or has made payments on behalf of the investee.

When the Group transacts with a joint venture or associate of the Group, profits and losses are eliminated to the extent of the Group's interest in its joint venture or associate.

Dividends are recognised when the right to receive payment is established.

Impairment

Equity accounted investments: Joint ventures and associates
The requirements of IAS 28 Investments in Associates and Joint ventures are applied to determine whether it is necessary to recognise any impairment loss with respect to the Group's investment in a joint venture or an associate. When necessary, the entire carrying amount of the investment (including goodwill) is tested for impairment in accordance with IAS 36 Impairment of assets as a single asset by comparing its recoverable amount (the higher of value in use and fair value less costs of disposal) with its carrying amount. Any impairment loss recognised forms part of the carrying amount of the investment. Any reversal of that impairment loss is recognised in accordance with IAS 36 to the extent that the recoverable amount of the investment subsequently increases.

Use of estimates and judgements

The preparation of financial statements in conformity with IFRS requires the use of judgements, estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Those that are significant to the Group are discussed separately below.

Impact of COVID-19

The Group has exercised its judgment in evaluating the impact of COVID-19 on the financial statements in response to the rapidly developing environment during the pandemic. A number of areas have been identified as being relevant for consideration, and are discussed below as part of the Group's assessment of accounting estimates and judgments, and where required, referenced further within the specific note:

- Income taxes, see note 2;
- Capitalisation of product engineering costs, see note 2;
- Inventory write-down, see note 24;
- Residual value risk, see note 28;
- Product warranty, see note 28;
- Lease payments, see note 37

Judgements

In the process of applying the Group's accounting policies, management has made the following judgements, which have a significant effect on the amounts recognised in the consolidated financial statements:

Revenue recognition: The Group uses judgement to determine when control of its goods, primarily vehicles and parts, pass to the customer. This is assessed with reference to indicators of control, including the risks and rewards of ownership and legal title with reference to the underlying terms of the customer contract. Refer to 'Revenue recognition' page 62 for further information.

Assessment of cash-generating units: The Group has determined that there is one cash-generating unit. This is on the basis that there are no smaller groups of assets that can be identified with certainty that generate specific cash inflows that are independent of the inflows generated by other assets or groups of assets. Refer to note 20 for further information.

Alternative performance measures (APMs) and exceptional items: The Group exercises judgement in determining the adjustments to apply to IFRS measurements in order to derive APMs that provide additional useful information on the underlying trends and in classifying items as exceptional items. Refer to notes 3 and 4 for further information.

Capitalisation of product engineering costs: The Group applies judgement in determining at what point in a vehicle programme's life cycle the recognition criteria under IAS 38 are satisfied. Refer to page 67 (internally generated intangible assets) for further information.

Deferred tax asset recognition: The extent to which deferred tax assets can be recognised is based on an assessment of the availability of future taxable income against which the deductible temporary differences and tax loss carry-forwards can be utilised. The Group has exercised judgement in determining the jurisdictions in which deferred tax assets have not been fully recognised. This has been done based on forecast profitability and historical results of the companies in which the deferred tax assets arise. Refer to page 65 (Income taxes) for further information.

Corporate tax uncertainties: Judgement has been exercised in assessing the potential impact of any legal or economic limits or uncertainties in various tax jurisdictions.

Estimates and assumptions

The areas where assumptions and estimates are significant to the financial statements are as described below. The estimates and associated assumptions are based on historical experience and various other factors that are believed to be reasonable under the circumstances, the results of which form the basis of making the judgements about carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates. Significant estimates are those that have a significant risk of resulting in a material adjustment to the carrying amounts of assets and liabilities within the next year. Other estimates are those that may affect carrying amounts in the longer term.

Significant estimates

Impairment of intangible and tangible fixed assets: The Group has intangible assets with indefinite lives and therefore tests annually whether intangible and tangible fixed assets have suffered any impairment. Refer to note 20 for further information on the key assumptions and sensitivities used in the testing these assets for impairment.

Retirement benefit obligation: The present value of the post-employment benefit obligations depends on a number of factors and assumptions, including discount rate, inflation and mortality assumptions. Refer to note 33 for details of these assumptions and sensitivities.

Other estimates

Product warranties: refer to page 68 (warranty provisions) for further information.

Variable marketing expense: refer to page 63 (sales incentives) for further information.

Uncertain tax provisions: refer to page 65 (income taxes) for further information.

Impairment in equity accounted investees: refer to page 67 (investments in equity accounted investees) for further information.

Restructuring: refer to page 100 (provisions) for further information.

Revenue recognition

Revenue comprises the consideration earned by the Group in respect of the output of its ordinary activities. It is measured based on the contract price, which is the consideration specified in the contract with the customer and excludes amounts collected on behalf of third parties, and net of settlement discounts, bonuses, rebates and sales incentives. The Group's primary customers from the sale of vehicles, parts and accessories are retailers, fleet and corporate customers, and other third-party distributors. The Group recognises revenue when it transfers control of a good or service to a customer, thus evidencing the satisfaction of the associated performance obligation under that contract.

As described in note 38, the Group operates with a single automotive reporting segment, principally generating revenue from the sales of vehicles, parts and accessories.

The sale of vehicles also can include additional services provided to the customer at the point of sale, for which the vehicle and services are accounted for as separate performance obligations, as they are considered separately identifiable. The contract transaction price is allocated among the identified performance obligations based on their stand-alone selling prices. Where the stand-alone selling price is not readily observable, it is estimated using an appropriate alternative approach.

Significant revenue areas	Nature, timing of satisfaction of performance obligations, and significant payment terms
Vehicles, parts, and accessories (and other goods)	The Group recognises revenue on the sale of vehicles, parts and accessories at the point of "wholesale", which is determined by the underlying terms and conditions of the contract with the customer as to when control transfers to them. The principle of control under IFRS 15 considers which party has the ability to direct the use of an asset and to obtain substantially all of the remaining economic benefits. Determining the transfer of control with regards to the sale of goods is primarily driven by: • The point at which the risks and rewards of ownership pass to the customer; • The point at which the customer takes physical possession of the good or product; • The point at which the customer accepts the good or product; • The point at which the Group has a present right to payment for the sale of the good or product; and • The point at which legal title to the good or product transfers to the customer. In the vast majority of cases, the sale of the relevant good is recognised at the point of dispatch (at release to the carrier responsible for transportation to the customer) or the point of delivery to the customer. In some instances, revenue may be recognised on a bill-and-hold basis where vehicles, for example, are sold to the customer but are retained in the Group's possession at a vehicle holding compound on behalf of the customer ahead of being physically transferred to them at a future time. Such arrangements meet the criteria for bill-and-hold arrangements under IFRS 15 to ensure that the customer has obtained the ultimate control of the product when revenue is recognised. The reason for the bill-and-hold is substantive (as the customer requests JLR to retain possession, usually due to a lack of available space at their own premises), the vehicles are identifiable as separately belonging to the customer (on the basis that each vehicle has a unique Vehicle Identification Number), the vehicle must be ready for physical transfer to the customer (which it is, given that it is fully built and safety-checked off the manufacturing line) and the Group does not have the ability to use the vehicle or direct it elsewhere. The Group operates with financing partners across the world that provide wholesale financing arrangements to the retail network for vehicle sales, which enables cash settlement to occur immediately (usually within two working days) for purchases from the Group. For the sale of parts and accessories, the Group typically receives payment in line with the invoice payment terms stipulated and agreed with its customers, which are usually 30 days.
Sales incentives	The costs associated with providing sales support and incentives (variable marketing expense) are considered to be variable components of consideration, thus reducing the amount of revenue recognised by the Group. Under IFRS 15, the Group ensures that variable consideration is recognised to the extent of the amount to which it expects to be entitled. To meet this principle, the Group constrains its estimate of variable consideration to include amounts only to the extent that it is highly probable that a significant reversal in the amount of cumulative revenue recognised will not occur when the associated uncertainty associated is subsequently resolved. The Group estimates the expected sales incentive by market and considers uncertainties including competitor pricing, ageing of dealer stock and local market conditions. The constraint on variable consideration is estimated with reference to historical accuracy, current market conditions and a prospective assessment considering relevant geopolitical factors, including global stock positions for both the Group and its third party dealer network reflecting the pipeline of vehicle inventory for sale to end customers. Variable consideration received for contracts with multiple performance obligations is allocated to all such obligations only when applicable. For example, with the sale of a vehicle, the cost of the incentive provided is allocated entirely to the vehicle as its purpose is to incentivise the sale of the vehicle rather than support any additional obligations.
Scheduled maintenance contracts	Scheduled maintenance contracts sold with a vehicle provide the end customer with the benefit of bringing their vehicle to a dealership for the routine maintenance required to maintain compliance for warranty purposes. The majority of plans sold by the Group are complimentary with the vehicle, thus payment is received at the same time as the proceeds from the vehicle sale, at which point the amount is recognised as a contract liability based on the stand-alone selling price, which is measured using a cost-plus approach. Revenue is recognised based on the expected performance of the services from the point of a vehicle being retailed to an end customer and aligned to the expected costs to fulfil those services based on historical information.

Significant revenue areas	Nature, timing of satisfaction of performance obligations, and significant payment terms
Telematics	Telematics features provide a service to the customer typically aligned to the warranty period of the vehicle, allowing a vehicle to connect and interact with an end customer's mobile phone. The Group typically receives payment relating to telematics features at the same time as the proceeds from the vehicle sale, at which point the amount is recognised as a contract liability based on the stand-alone selling price. For optional features, this is measured at the observable option price and for standard-fit features is measured using a cost-plus basis. The stand-alone selling price for telematics subscription renewals is measured at the renewal price offered to the customer. Revenue is recognised on a straight-line basis over the term of the service from the point of the vehicle being retailed to an end customer in line with the expected costs to fulfil those services.
Warranty considerations as a service	Vehicles and parts sold by the Group include a standard warranty to guarantee the vehicle complies with agreed-upon specifications for a defined period of time. Where the warranty offering to the end customer exceeds the standard market expectation for similar products, or provides a service in excess of the assurance that the agreed-upon specification is met, the Group considers this to constitute a service to the end customer and therefore a separate performance obligation. Revenue is recognised in the period to which the warranty service relates, up to which point it is recognised as a contract liability.
Repurchase arrangements	Some contracts with customers include an option or obligation for the Group to repurchase the product sold (including repurchasing a product originally sold as part of an amended product). Such instances are common in the Group's arrangements with third-party fleet customers or in contract manufacturing arrangements that the Group is party to. The Group does not recognise revenue on the original sale, as it retains ultimate control of that product. The related inventory continues to be recognised on the Group's consolidated balance sheet. The consideration received from the customer is treated as a liability. Nuances in the accounting treatment depend on whether the contractual repurchase price is less than, more than or equal to the original sale price, resulting in treatment as a lease or a financing arrangement. Revenue recognised under such arrangements is outside of the scope of IFRS 15 and instead is recognised in line with IFRS 16 Leases. Revenue relating to the good or product is recognised when it is sold by the Group with no repurchase obligation or option attached.
Returns obligations, refunds and similar obligations	Vehicle sales do not typically include allowances for returns or refunds, although in some markets there is legislative requirement for Jaguar Land Rover as an automotive manufacturer to repurchase or reacquire a vehicle if quality issues arise that have been remedied a number of times and where the owner no longer wishes to own the vehicle as a result.

Cost recognition

Costs and expenses are recognised when incurred and are classified according to their nature.

Expenditures are capitalised, where appropriate, in accordance with the policy for internally generated intangible assets and represent employee costs, stores and other manufacturing supplies, and other expenses incurred for product development undertaken by the Group.

Material and other cost of sales as reported in the consolidated income statement is presented net of the impact of realised foreign exchange relating to derivatives hedging cost exposures.

Government Grants and Incentives

Government grants are recognised when there is reasonable assurance that the Group will comply with the relevant conditions and the grant will be received.

Government grants are recognised in the consolidated income statement, either on a systematic basis when the Group recognises, as expenses, the related costs that the grants are intended to compensate or, immediately, if the costs have already been incurred.

Government grants related to assets are deducted from the cost of the asset and amortised over the useful life of the asset. Government grants related to income are presented as an offset against the related expenditure, and government grants that are awarded as incentives with no ongoing performance obligations to the Group are recognised as other income in the period in which the grant is received.

Sales tax incentives received from governments are recognised in the consolidated income statement at the reduced tax rate, and revenue is reported net of these sales tax incentives.

Foreign currency

The Company has a functional currency of GBP. The presentation currency of the consolidated financial statements is GBP.

Transactions in currencies other than the functional currency of the entity are recorded at the exchange rate prevailing on the date of transaction. Foreign currency denominated monetary assets and liabilities are remeasured into the functional currency at the exchange rate prevailing on the balance sheet date. Exchange differences are recognised in the consolidated income statement as "Foreign exchange gain/(loss) and fair value adjustments".

For the purposes of presenting consolidated financial statements, the assets and liabilities of the Group's foreign operations (non-GBP functional currency) are translated at exchange rates prevailing on the balance sheet date. Income and expense items are translated at the average exchange rates for the period. Exchange differences arising, if any, are recognised in other comprehensive income and accumulated in equity.

Income taxes

Income tax expense comprises current and deferred taxes. Income tax expense is recognised in the consolidated income statement, except when related to items that are recognised outside of profit or loss (whether in other comprehensive income or directly in equity) or where related to the initial accounting for a business combination. In the case of a business combination, the tax effect is included in the accounting for the business combination. Current income taxes are determined based on respective taxable income of each taxable entity and tax rules applicable for respective tax jurisdictions.

Deferred tax assets and liabilities are recognised for the future tax consequences of temporary differences between the carrying values of assets and liabilities and their respective tax bases, and unutilised business loss and depreciation carry-forwards and tax credits. Such deferred tax assets and liabilities are computed separately for each taxable entity and for each taxable jurisdiction. Deferred tax assets are recognised to the extent that it is probable that future taxable income will be available against which the deductible temporary differences, unused tax losses, depreciation carry-forwards and unused tax credits could be utilised. The carrying amount of deferred tax assets is reviewed at each reporting date and reduced to the extent that it is no longer probable that sufficient taxable profits will be available to allow all or part of the asset to be recovered.

Deferred tax assets and liabilities are measured based on the tax rates that are expected to apply in the year when the asset is realised or the liability is settled, based on the tax rates and tax laws that have been enacted or substantively enacted by the balance sheet date.

Current and deferred tax assets and liabilities are offset when there is a legally enforceable right to set off current tax assets against current tax liabilities and when they relate to income taxes levied by the same taxation authority and the Group intends to settle its current tax assets and liabilities on a net basis.

The extent to which deferred tax assets can be recognised is based on an assessment of the probability that future taxable income will be available against which the deductible temporary differences and tax loss carry-forwards can be utilised.

Tax provisions are recognised for uncertain tax positions where a risk of an additional tax liability has been identified and it is probable that the Group will be required to settle that tax. Measurement is dependent on management's expectations of the outcome of decisions by tax authorities in the various tax jurisdictions in which the Group operates. This is assessed on a case-by-case basis using in-house experts, professional firms and previous experience. Where no provision is required the exposure is disclosed as a contingent liability in note 34 unless the likelihood of an outflow of economic benefits is remote.

Judgement is required in assessing the impact of any legal or economic limits or uncertainties in various tax jurisdictions.

No additional current tax risks were identified as a result of COVID-19, with the Group's compliance activity continuing to be operated in accordance with the applicable legislation.

Exceptional items

Exceptional items are disclosed separately in the consolidated income statement and excluded from adjusted EBIT and adjusted EBITDA measures to enhance the reader's understanding of the performance of the Group by excluding items that would otherwise distort reporting of the Group's performance due to their size or nature.

The Group considers qualitative and quantitative factors to determine whether a transaction or event is exceptional, including the expected size and frequency of the transaction or event, and any precedent for similar items in previous years.

Items that are considered exceptional may include the following:

- Costs associated with significant restructuring events;
- Impairments or reversals of impairments arising from an impairment assessment of the Group's cash-generating unit in accordance with IAS 36;
- Defined benefit past service costs or credits arising from scheme amendments; and
- Costs associated with provisions and related reversals arising from a significant one-off event not in the normal course of business.

Further details of exceptional items are given in note 4.

Property, plant and equipment

Property, plant and equipment is stated at cost of acquisition or construction less accumulated depreciation and accumulated impairment, if any. Land is not depreciated.

Cost includes purchase price, non-recoverable taxes and duties, labour cost and direct overheads for self-constructed assets and other direct costs incurred up to the date the asset is ready for its intended use.

Interest cost incurred for constructed assets is capitalised up to the date the asset is ready for its intended use, based on borrowings incurred specifically for financing the asset or the weighted average rate of all other borrowings, if no specific borrowings have been incurred for the asset.

Depreciation is charged on a straight-line basis over the estimated useful lives of the assets. Estimated useful lives of the assets are as follows:

Class of property, plant and equipment	Estimated useful life (years)
Buildings	20 to 40
Plant, equipment and leased assets	3 to 30
Vehicles	3 to 10
Computers	3 to 6
Fixtures and fittings	3 to 20

The depreciation for property, plant and equipment with finite useful lives is reviewed at least at each year end. Changes in expected useful lives are treated as changes in accounting estimates.

Assets held under leases are depreciated over their expected useful lives on the same basis as owned assets or, where shorter, the term of the relevant lease. Freehold land is measured at cost and is not depreciated. Residual values are reassessed on an annual basis.

Depreciation is not recorded on assets under construction until construction and installation are complete and the asset is ready for its intended use. Assets under construction include capital advances. Depreciation is not recorded on heritage assets as the Group considers their residual value to approximate their cost. An item of property, plant and equipment is derecognised on disposal or when it is withdrawn from use and no future economic benefits are expected from its disposal. Any gain or loss arising from derecognition is included in profit or loss.

Intangible Assets

Acquired intangible assets

Intangible assets purchased, including those acquired in business combinations, are measured at acquisition cost, which is the fair value on the date of acquisition, where applicable, less accumulated amortisation and accumulated impairment, if any. Intangible assets with indefinite lives are reviewed annually to determine whether an indefinite life assessment continues to be supportable. If not, the change in the useful life assessment from indefinite to finite is made on a prospective basis. For intangible assets with finite lives, amortisation is charged on a straight-line basis over the estimated useful lives of the acquired intangible assets as per the estimated amortisation periods below:

Class of intangible asset	Estimated amortisation period (years)
Software	2 to 8
Patents and technological know-how	2 to 12
Customer related – retailer network	20
Intellectual property rights and other intangibles	3 to indefinite

The amortisation for intangible assets with finite useful lives is reviewed at least at each year end. Changes in expected useful lives are treated as changes in accounting estimates.

Capital work-in-progress includes capital advances. Customer-related intangibles acquired in a business combination consist of dealer networks. Intellectual property rights and other intangibles mainly consist of brand names, which are considered to have indefinite lives due to the longevity of the brands.

Internally generated intangible assets

Research costs are charged to the consolidated income statement in the year in which they are incurred.

Product engineering costs incurred on new vehicle platforms, engines, transmission and new products are recognised as intangible assets – when feasibility has been established, the Group has committed technical, financial and other resources to complete the development and it is probable that the asset will generate future economic benefits. The costs capitalised include the cost of materials, direct labour and directly attributable overhead expenditure incurred up to the date the asset is available for use. Interest cost incurred is capitalised up to the date the asset is ready for its intended use, based on borrowings incurred specifically for financing the asset or the weighted average rate of all other borrowings, if no specific borrowings have been incurred for the asset. Product engineering cost is amortised over the life of the related product, being a period of between two and ten years. Capitalised development expenditure is measured at cost less accumulated amortisation and accumulated impairment loss, if any. Amortisation is not recorded on product engineering in progress until development is complete.

The Group undertakes significant levels of research and development activity, and for each vehicle programme a periodic review is undertaken. The Group applies judgement in determining at what point in a vehicle programme's life cycle the recognition criteria under IAS 38 are satisfied and estimates the proportion of central overhead allocated. If a later point had been used then this would have had the impact of reducing the amounts capitalised as product engineering costs. If central overheads had not been allocated it would have reduced the amount capitalised by £80 million (2020: £117 million, 2019: £146 million).

The Group reviewed its methodology in line with the applicable accounting standards to ensure it continues to meet the criteria for capitalising such costs in an environment impacted by COVID-19 to assess that the incremental benefits expected continue to exceed the associated costs.

Impairment

Property, plant and equipment and intangible assets

At each balance sheet date, the Group assesses whether there is any indication that any property, plant and equipment and intangible assets with finite lives may be impaired. If any such impairment indicator exists, the recoverable amount of an asset is estimated to determine the extent of impairment, if any. Where it is not possible to estimate the recoverable amount of an individual asset, the Group estimates the recoverable amount of the cash generating unit to which the asset belongs.

Intangible assets with indefinite useful lives and intangible assets not yet available for use are tested for impairment annually, or earlier if there is an indication that the asset may be impaired.

Recoverable amount is the higher of fair value less costs of sale and value in use. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset (or cash generating unit) for which the estimates of future cash flows have not been adjusted.

If the recoverable amount of an asset (or cash-generating unit) is estimated to be less than its carrying amount, the carrying amount of the asset (or cash-generating unit) is reduced to its recoverable amount. An impairment loss is recognised immediately in the consolidated income statement.

An asset or (cash-generating unit) impaired in prior years is reviewed at each balance sheet date to determine whether there is any indication of a reversal of impairment loss recognised in prior years.

An annual review of the carrying value of heritage assets is performed as the assets are held at cost and not depreciated. Any write-down in the carrying value of heritage assets is recognised immediately in the consolidated income statement.

Equity accounted investments: Joint ventures and associates

When necessary, the entire carrying amount of the investment (including goodwill) is tested for impairment as a single asset by comparing its recoverable amount with its carrying amount. Any impairment loss recognised forms part of the carrying amount of the investment. Any reversal of that impairment loss is recognised in accordance with IAS 36 to the extent that the recoverable amount of the investment subsequently increases.

Cash and cash equivalents

Cash and cash equivalents comprise cash on hand, demand deposits and highly liquid investments with an original maturity of up to three months that are readily convertible into known amounts of cash and that are subject to an insignificant risk of changes in value.

Inventories

Inventories are valued at the lower of cost and net realisable value. Costs of raw materials and consumables are ascertained on a first-in, first-out basis. Costs, including fixed and variable production overheads, are allocated to work-in-progress and finished goods, determined on a full absorption cost basis. Net realisable value is the estimated selling price in the ordinary course of business less estimated cost of completion and selling expenses.

Inventories include vehicles sold subject to repurchase arrangements. These vehicles are carried at cost to the Group and are amortised in changes in stocks and work-in-progress to their residual values (i.e. estimated second-hand sale value) over the term of the arrangement.

Provisions

A provision is recognised if, as a result of a past event, the Group has a present legal or constructive obligation that can be estimated reliably, and it is probable that an outflow of economic benefits will be required to settle the obligation. When the effect of the time value of money is material, provisions are determined by discounting the expected future cash flows using a pre-tax rate that reflects current market assessments of the time value of money and the risks specific to the liability.

Provisions are held for product warranty, legal and product liabilities, residual risks, environmental liabilities, other employee benefit obligations and restructuring as detailed in note 28 to the consolidated financial statements.

Warranty provisions

The Group provides product warranties on all new vehicle sales. Provisions are generally recognised when vehicles are sold or when new warranty programmes are initiated. Based on historical warranty claim experience, assumptions have to be made on the type and extent of future warranty claims and customer goodwill (representing the Group's constructive obligation to its customers when managing those warranty claims), as well as on possible recall campaigns. These assessments are based on experience of the frequency and extent of vehicle faults and defects in the past. In addition, the estimates also include assumptions on the amounts of potential repair costs per vehicle and the effects of possible time or mileage limits. The provisions are regularly adjusted to reflect new information.

The Group also has back-to-back contractual arrangements with its suppliers in the event that a vehicle fault is proven to be a supplier's fault. Estimates are made of the expected reimbursement claims based upon historical levels of recoveries by supplier, adjusted for inflation and applied to the population of vehicles under warranty at the balance sheet date. Supplier reimbursement claims are presented as separate assets within "Other financial assets" in note 18.

The Group notes that changes in the automotive environment regarding the increasing impact of battery electric vehicles presents its own significant challenges, particularly due to the lack of historical data available at this time to help inform estimates for future warranty claims, as well as any associated recoveries from suppliers due to such claims. The related provisions are therefore made with the Group's best estimate at this time to settle such obligations in the future but will be required to be continually refined as sufficient, real-world data becomes available. Supplier recoveries are recognised only when the Group considers there to be virtual certainty over the reimbursement, which also requires historical evidence to support.

Long-Term Incentive Plan (" LTIP")

The Group operated a share-based payment LTIP arrangement for certain employees. The scheme provided a cash payment to the employee based on a specific number of phantom shares at grant date and the share price of Tata Motors Limited at the vesting date, subject to profitability and employment conditions. These were accounted for as cash-settled arrangements, whereby a liability was recognised at fair value at the date of grant, using the Black-Scholes model. At each balance sheet date, until the liability was settled, the fair value of the liability was remeasured, with any corresponding changes in fair value recognised in the consolidated income statement.

Employee benefits

Pension schemes
The Group operates several defined benefit ('DB') pension plans; these include two large and one smaller defined benefit plan in the UK. The UK DB plans are administered by a separate trustee, the assets of the plans are generally held in separate funds selected and overseen by the trustee. These plans were contracted out of the state second pension (S2P) scheme until 5 April 2016. The plans provide benefits for members including a monthly pension after retirement based on salary and service as set out in the rules of each plan.

Contributions to the plans by the Group take into consideration the results of actuarial valuations.

The UK defined benefit plans were closed to new joiners in April 2010. The Group also operates a number of small benefit arrangements worldwide (the liabilities for these amount to around 0.5% of the Group total).

For defined benefit plans, the cost of providing benefits is determined using the projected unit credit method, with actuarial updates being carried out at the end of each reporting period.

Defined benefit costs are split into four categories:

- Current service cost, past service cost and gains and losses on curtailments and settlements;
- Net interest cost;
- Administrative expenses; and
- Remeasurements.

Remeasurement comprising actuarial gains and losses, the effect of the asset ceiling and the return on plan assets (excluding interest) is recognised immediately in the consolidated balance sheet with a charge or credit to the consolidated statement of comprehensive income in the period in which they occur. Remeasurement recorded in the statement of comprehensive income is not recycled.

Past service cost, including curtailment gains and losses, is generally recognised in profit or loss in the period of plan amendment. Net interest is calculated by applying the discount rate at the beginning of the period to the net defined benefit liability, adjusted for expected cashflows during the period. From the year ending 31 March 2020, at the point a past service cost is incurred re-measurement of the income statement cost is considered and will be re-calculated if there is a material change.

The Group presents these defined benefit costs within "Employee costs" in the consolidated income statement (see note 7).

Separate defined contribution plans are available to all other employees of the Group. Costs in respect of these plans are charged to the consolidated income statement as incurred.

Post-retirement Medicare scheme
Under these unfunded schemes, employees of some subsidiaries receive medical benefits subject to certain limits of amount, periods after retirement and types of benefits, depending on their grade and location at the time of retirement. Employees separated from the Group as part of an early separation scheme, on medical grounds or due to permanent disablement, may also be covered under the scheme. The applicable subsidiaries (and therefore, the Group) account for the liability for the post-retirement medical scheme based on an annual actuarial valuation where appropriate.

Actuarial gains and losses
Actuarial gains and losses relating to retirement benefit plans are recognised in the consolidated statement of comprehensive income in the year in which they arise.

Measurement date
The measurement date of all retirement plans is 31 March.

Financial instruments

Recognition and derecognition
A financial instrument is any contract that gives rise to a financial asset of one entity and a financial liability or equity instrument of another entity. Financial instruments are recognised on the balance sheet when the Group becomes a party to the contractual provisions of the instrument.

The Group derecognises a financial asset only when the contractual rights to the cash flows from the asset expire or it transfers the financial asset and substantially all the risks and rewards of ownership of the asset to another entity. If the Group neither transfers nor retains substantially all the risks and rewards of ownership and continues to control the transferred asset, the Group recognises its retained interest in the asset and an associated liability for amounts it may have to pay. If the Group retains substantially all the risks and rewards of ownership of a transferred financial asset, the Group continues to recognise the financial asset and also recognises a collateralised borrowing for the proceeds received. Any gain or loss arising on derecognition is recognised in profit or loss. When a financial instrument is derecognised, the cumulative gain or loss in equity (if any) is transferred to the consolidated income statement unless it was an equity instrument electively held at fair value through other comprehensive income. In this case, any cumulative gain or loss in equity is transferred to retained earnings.

Financial assets are written off when there is no reasonable expectation of recovery. The Group reviews the facts and circumstances around each asset before making a determination. Financial assets that are written off could still be subject to enforcement activities.

Financial liabilities are derecognised when they are extinguished, that is when the obligation is discharged, cancelled or has expired.

Initial measurement
Initially, a financial instrument is recognised at its fair value. Transaction costs directly attributable to the acquisition or issue of financial instruments are recognised in determining the carrying amount, if it is not classified as at fair value through profit or loss. Transaction costs of financial instruments carried at fair value through profit or loss are expensed in profit or loss.

Subsequently, financial instruments are measured according to the category in which they are classified.

Classification and measurement – financial assets
Classification of financial assets is based on the business model in which the instruments are held as well as the characteristics of their contractual cash flows. The business model is based on management's intentions and past pattern of transactions. Financial assets with embedded derivatives are considered in their entirety when determining whether their cash flows are solely payment of principal and interest. The Group reclassifies financial assets when and only when its business model for managing those assets changes.

Financial assets are classified into three categories:

Financial assets at amortised cost are non-derivative financial assets with contractual cash flows that consist solely of payments of principal and interest and which are held with the intention of collecting those contractual cash flows. Subsequently, these are measured at amortised cost using the effective interest method less impairment losses, if any. These include cash and cash equivalents, contract assets, finance receivables and other financial assets.

Financial assets at fair value through other comprehensive income are non-derivative financial assets with contractual cash flows that consist solely of payments of principal and interest and which are held with the intention of collecting those contractual cash flows as well as to sell the financial asset. Subsequently, these are measured at fair value, with unrealised gains or losses being recognised in other comprehensive income apart from any expected credit losses or foreign exchange gains or losses, which are recognised in profit or loss. This category can also include financial assets that are equity instruments which have been irrevocably designated at initial recognition as fair value through other comprehensive income. For these assets, there is no expected credit loss recognised in profit or loss.

Financial assets at fair value through profit or loss are financial assets with contractual cash flows that do not consist solely of payments of principal and interest. This category includes derivatives, embedded derivatives separated from the host contract and investments in certain convertible loan notes. Subsequently, these are measured at fair value, with unrealised gains or losses being recognised in profit or loss, with the exception of derivative instruments designated in a hedging relationship, for which hedge accounting is applied.

Classification and measurement – financial liabilities
Financial liabilities are classified as subsequently measured at amortised cost unless they meet the specific criteria to be recognised at fair value through profit or loss.

Other financial liabilities are measured at amortised cost using the effective interest method.

Financial liabilities at fair value through profit or loss include derivatives and embedded derivatives separated from the host contract as well as financial liabilities held for trading. Subsequent to initial recognition, these are measured at fair value with gains or losses being recognised in profit or loss. Embedded derivatives relating to prepayment options on senior notes are not considered as closely related and are separately accounted unless the exercise price of these options is approximately equal on each exercise date to either the amortised cost of the senior notes or the present value of the lost interest for the remaining term of the senior notes.

Impairment
The Group recognises a loss allowance in profit or loss for expected credit losses on financial assets held at amortised cost or at fair value through other comprehensive income. Expected credit losses are forward looking and are measured in a way that is unbiased and represents a probability-weighted amount, takes into account the time value of money (values are discounted using the applicable effective interest rate) and uses reasonable and supportable information.

Lifetime expected credit losses are calculated for assets that were deemed credit impaired at initial recognition or have subsequently become credit impaired as well as those where credit risk has increased significantly since initial recognition.

The Group adopts the simplified approach to apply lifetime expected credit losses to trade receivables and contract assets. Where credit risk is deemed low at the reporting date or to have not increased significantly, credit losses for the next 12 months are calculated.

Credit risk is determined to have increased significantly when the probability of default increases. Such increases are relative and assessment may include external ratings (where available) or other information such as past due payments. Historic data and forward-looking information are both considered. Objective evidence for a significant increase in credit risk may include where payment is overdue by 90 or more days as well as other information about significant financial difficulties of the borrower.

Equity instruments
An equity instrument is any contract that evidences residual interests in the assets of the Group after deducting all of its liabilities. Equity instruments issued by the Group are recorded at the proceeds received, net of direct issue costs.

Investments in equity instruments are measured at fair value; however, where a quoted market price in an active market is not available, equity instruments are measured at cost (investments in equity instruments that are not held for trading). The Group has not elected to account for these investments at fair value through other comprehensive income.

Determination of fair value
Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date, regardless of whether that price is directly observable or estimated using another valuation technique. The fair value of a financial instrument on initial recognition is normally the transaction price.

In estimating the fair value of an asset or liability, the Group takes into account the characteristics of the asset or liability if market participants would take those characteristics into account when pricing the asset or liability at the measurement date. Subsequent to initial recognition, the Group determines the fair value of financial instruments that are quoted in active markets using the quoted bid prices (financial assets held) or quoted ask prices (financial liabilities held) and using valuation techniques for other instruments. Valuation techniques include the discounted cash flow method and other valuation models.

Hedge accounting
The Group uses foreign currency forward contracts, foreign currency options and borrowings denominated in foreign currency to hedge its risks associated with foreign currency fluctuations relating to highly probable forecast transactions. The Group designates these foreign currency forward contracts, foreign currency options and borrowings denominated in foreign currency in a cash flow hedging relationship.

The Group uses cross-currency interest rate swaps to convert some of its foreign currency denominated fixed-rate borrowings to GBP floating-rate borrowings. Hedge accounting is applied using both fair value and cash flow hedging relationships. The designated risks are foreign currency and interest rate risks.

Derivative contracts are stated at fair value on the consolidated balance sheet at each reporting date.

At inception of the hedge relationship, the Group documents the economic relationship between the hedging instrument and the hedged item, including whether changes in the cash flows of the hedging instrument are expected to offset changes in the cash flows of the hedged item. The Group documents its risk management objective and strategy for undertaking its hedging transactions. The Group designates only the intrinsic value of foreign exchange options in the hedging relationship. The Group designates amounts excluding foreign currency basis spread in the hedging relationship for both foreign exchange forward contracts and cross-currency interest rate swaps. Changes in the fair value of the derivative contracts that are designated and effective as hedges of future cash flows are recognised in the cash flow hedge reserve within other comprehensive income (net of tax), and any ineffective portion is recognised immediately in the consolidated income statement.

Changes in both the time value of foreign exchange options and foreign currency basis spread of foreign exchange forwards and cross-currency interest rate swaps are recognised in other comprehensive income (net of tax) in the cost of hedging reserve to the extent that they relate to the hedged item (the “aligned” value).

Changes in the fair value of contracts that are designated in a fair value hedge are taken to the consolidated income statement. They offset the change in fair value, attributable to the hedged risks, of the borrowings designated as the hedged item.

Hedge accounting is discontinued when the hedging instrument expires or is sold, terminated, exercised or no longer qualifies for hedge accounting. Amounts accumulated in equity are reclassified to the consolidated income statement in the periods in which the forecast transactions affect profit or loss or as an adjustment to a non-financial item (e.g. inventory) when that item is recognised on the balance sheet. These deferred amounts are ultimately recognised in profit or loss as the hedged item affects profit or loss (for example through cost of goods sold).

If the forecast transaction is no longer expected to occur, the net cumulative gain or loss in equity, including deferred costs of hedging, is immediately transferred and recognised in the consolidated income statement.

Leases

At inception of a contract, the Group assesses whether a contract is, or contains a lease. A contract is, or contains, a lease if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration. To assess whether a contract conveys the right to control the use of an identified asset, the Group assesses whether:

- The contract involves the use of an identified asset – this may be specified explicitly or implicitly, and should be physically distinct or represent substantially all of the capacity of a physically distinct asset. If the supplier has a substantive substitution right, then the asset is not identified;
- The Group has the right to substantially all of the economic benefits from the use of the asset throughout the period of use; and
- The Group has the right to direct the use of the asset. The Group has this right when it has the decision making rights that are most relevant to changing how and for what purposes the asset is used. In rare cases where the decision about how and for what purpose the asset is used is predetermined, the Group has the right to direct the use of the asset if either:
    - The Group has the right to operate the asset; or
    - The Group designed the asset in a way that predetermines how and for what purposes it will be used.

At inception or on reassessment of a contract that contains a lease component, the Group allocates the consideration in the contract to each lease component on the basis of their relative stand-alone prices.

The Group recognises a right-of-use asset and a lease liability at the lease commencement date. The right-of-use asset is initially measured at cost, which comprises of the initial amount of the lease liability adjusted for any lease payments made at or before the commencement date, plus any initial direct costs incurred and an estimate of costs to dismantle and remove the underlying asset or to restore the underlying asset or the site on which it is allocated, less any lease incentives received. The right-of-use asset is subsequently depreciated using the straight-line method over the shorter of the useful life of the leased asset and the expected lease term. If ownership of the leased asset is automatically transferred at the end of the lease term or the exercise of a purchase option is reflected in the lease payments, the right-of-use asset is amortised on a straight-line basis over the expected useful like of the leased asset.

The lease liability is initially measured at the present value of the lease payments that are not paid at commencement date, discounted using the interest rate implicit in the lease or, if that rate cannot be readily determined, the Group’s incremental borrowing rate. Generally, the Group uses its incremental borrowing rate as a discount rate. The lease liability is measured at amortised cost using the effective interest method. It is remeasured when there is a change in future lease payments.

The Group has elected not to recognise right-of-use assets and lease liabilities for short-term leases that have a lease term of 12 months or less and leases of low value assets. The Group recognises the lease payments associated with these leases as an expense on a straight-line basis over the lease term.

Lease payments include fixed payments, i.e. amounts expected to be payable by the Company under residual value guarantee, the exercise price of a purchase option and lease payments in relation to lease extension option if the Company is reasonably certain to exercise purchase or extension options and payment of penalties for terminating the lease if the lease term considered reflects that the Company shall exercise termination option.

The Group applies the practical expedient to not assess whether rent concessions occurring as a direct consequence of the COVID-19 pandemic that meet the following conditions are lease modifications:

- The change in lease payments results in revised consideration that is substantially the same, or less than the consideration for the lease immediately preceding the change;
- Any reduction in lease payments affects only payments originally due on or before 30 June 2021; and
- There no substantive change to other terms and conditions of the lease.

Changes to lease payments for such leases are accounted for as if they are not lease modifications.

The comparative information for the year ending 31 March 2019 is accounted for under Group's previous lease accounting policies in accordance with IAS 17 Leases. The related policies are set out below.

At the inception of a lease, the lease arrangement is classified as either a finance lease or an operating lease, based on the contractual terms and substance of the lease arrangement.

Assets taken on finance lease
A finance lease is recognised as an asset and a liability at the commencement of the lease, at the lower of the fair value of the asset and the present value of the minimum lease payments. Initial direct costs, if any, are also capitalised and, subsequent to initial recognition, the asset is accounted for in accordance with the accounting policy applicable to that asset. Minimum lease payments made under finance leases are apportioned between the finance expense and the reduction of the outstanding liability. The finance expense is allocated to each year during the lease term so as to produce a constant periodic rate of interest on the remaining balance of the liability.

Assets taken on operating lease
Leases other than finance leases are operating leases, and the leased assets are not recognised on the Group's consolidated balance sheet. Payments made under operating leases are recognised in the consolidated income statement on a straight-line basis over the term of the lease in "Other expenses".

New accounting policy pronouncements

(a) Standards, revisions and amendments to standards and interpretations not significant to the Jaguar Land Rover Group and applied for the first time in the fiscal year ending 31 March 2021

The following amendments and interpretations have been adopted by the Group in the year ending 31 March 2021.

- Amendments to references to the conceptual framework in IFRS standards;
- Amendments to IAS 1 Presentation of Financial Statements and IAS 8 Accounting Policies, Changes in Accounting Estimates and Errors – Definition of material;
- Amendments to IFRS 9 Financial Instruments, IAS 39 Financial Instruments: Recognition and Measurement and IFRS 7 Financial Instruments: Disclosures – Interest rate benchmark reform; and
- Amendments to IFRS 3 Business Combinations – Definition of a business
- Amendments to IFRS 16 Leases – COVID-19 related rent concessions.

The adoption of these amendments and interpretations has not had a significant impact on the consolidated financial statements.

(b) Standards, revisions and amendments to standards and interpretations not yet effective and not yet adopted by the Group

The following pronouncement, issued by the IASB and endorsed by the UK, is not yet effective and has not yet been adopted by the Group. This amendment is effective for annual report periods beginning on or after 1 January 2021.

- Amendments to IFRS 9 Financial Instruments, IAS 39 Financial Instruments: Recognition and Measurement and IFRS 7 Financial Instruments: Disclosures – Interest rate benchmark reform phase 2.

The Group is currently assessing the impact of this pronouncement on the consolidated financial statements.

(c) Standards, revisions and amendments to standards and interpretations not yet endorsed by the UK and not yet adopted by the Group

The following pronouncements, issued by the IASB, have not yet been endorsed by the UK, are not yet effective and have not yet been adopted by the Group.

- IFRS 17 Insurance Contracts;
- Amendments to IAS 1 Presentation of Financial Statements – Classification of liabilities as current or non-current;
- Amendments to IFRS 3 Business Combinations – Reference to the conceptual framework;
- Amendments to IAS 16 Property, Plant and Equipment – Proceeds before intended use;
- Amendments to IAS 37 Provisions, Contingent Liabilities and Contingent Assets – Onerous contracts – cost of fulfilling a contract;
- Amendments to IAS 1 Presentation of Financial Statements – disclosure of accounting policies;
- Amendments to IAS 8 Accounting Policies, Changes in Accounting Estimates and Errors – definition of accounting estimates;
- Amendments to IFRS 16 Leases – COVID-19 related rent concessions beyond 30 June 2021; and
- Annual improvements to IFRS standards 2018-2020 cycle.

The Group is currently assessing the impact of these pronouncements on the consolidated financial statements.

3 Alternative Performance Measures

In reporting financial information, the Group presents alternative performance measures ("APMs") that are not defined or specified under the requirements of IFRS. The Group believes that these APMs, which are not considered to be a substitute for or superior to IFRS measures, provide stakeholders with additional helpful information on the performance of the business. The APMs used within this Annual Report are defined below.

Alternative performance measure	Definition
Adjusted EBITDA	Adjusted EBITDA is defined as profit before: income tax expense; exceptional items; finance expense (net of capitalised interest) and finance income; gains/losses on debt and unrealised derivatives, realised derivatives entered into for the purpose of hedging debt, and equity or debt investments held at fair value; foreign exchange gains/losses on other assets and liabilities, including short-term deposits and cash and cash equivalents; share of profit/loss from equity accounted investments; depreciation and amortisation.
Adjusted EBIT	Adjusted EBIT is defined as for adjusted EBITDA but including share of profit/loss from equity accounted investments, depreciation and amortisation.
Profit/(loss) before tax and exceptional items	Profit/(loss) before tax excluding exceptional items.
Free cash flow	Net cash generated from operating activities less net cash used in automotive investing activities, excluding investments in consolidated entities and movements in financial investments, and after finance expenses and fees paid. Financial investments are those reported as cash and cash equivalents, short-term deposits and other Investments, and equity or debt investments held at fair value.
Total product and other investment	Cash used in the purchase of property, plant and equipment, intangible assets, investments in equity accounted investments and other trading investments, acquisition of subsidiaries and expensed research and development costs..
Working capital	Changes in assets and liabilities as presented in note 39. This comprises movements in assets and liabilities excluding movements relating to financing or investing cash flows or non-cash items that are not included in adjusted EBIT or adjusted EBITDA.
Total cash and cash equivalents, deposits and investments	Defined as cash and cash equivalents, short-term deposits and other investments, marketable securities and any other items defined as cash and cash equivalents in accordance with IFRS.
Available liquidity	Defined as total cash and cash equivalents, deposits and investments plus committed undrawn credit facilities.
Net debt	Total cash and cash equivalents, deposits and investments less total interest-bearing loans and borrowings.
Retail sales	Jaguar Land Rover retail sales represent vehicle sales made by dealers to end customers and include the sale of vehicles produced by our Chinese joint venture, Chery Jaguar Land Rover Automotive Company Ltd.
Wholesales	Wholesales represent vehicle sales made to retailers or other external customers. The Group recognises revenue on wholesales.

The Group uses adjusted EBITDA as an APM to review and measure the underlying profitability of the Group on an ongoing basis for comparability as it recognises that increased capital expenditure year on year will lead to a corresponding increase in depreciation and amortisation expense recognised within the consolidated income statement.

The Group uses adjusted EBIT as an APM to review and measure the underlying profitability of the Group on an ongoing basis as this excludes volatility on unrealised foreign exchange transactions. Due to the significant level of debt and currency derivatives held, unrealised foreign exchange can distort the financial performance of the Group from one period to another.

During the year ended 31 March 2021, the definitions of adjusted EBIT and adjusted EBITDA were amended to exclude foreign exchange gains and losses on revaluation of other assets and liabilities, including short-term deposits and cash and cash equivalents. The Group considers the amended APM to better measure the underlying operational profitability of the Group, and is consistent with the treatment of the revaluation of other balance sheet items such as that of debt and unrealised hedges. It also recognises that the Group may use cash and/or derivatives to hedge debt and/or working capital balance sheet exposures and therefore it is logical to present gains or losses on revaluation of all such items consistently, excluded from EBITDA. This is also consistent with the Group's definition of Free Cash Flow. Adjusted EBIT for the years ended 31 March 2020 and 2019 prior to the change was £(24) million and £(180) million respectively. Adjusted EBITDA for the years ended 31 March 2020 and 2019 prior to the change was £2,000 million and £1,981 million respectively.

Free cash flow is considered by the Group to be a key measure in assessing and understanding the total operating performance of the Group and to identify underlying trends.

During the year ended 31 March 2021, the definition of 'Free cash flow' was amended to exclude non-automotive investments and net investments in equity and debt investments held at fair value, which are deemed more financial investment in nature. The definition was also amended to exclude foreign exchange gains/losses on short-term deposits and cash and cash equivalents, therefore ensuring more consistent treatment since revaluation of other current assets and liabilities is already excluded. The Group considers these changes should provide greater clarity of Free Cash Flow more closely aligned to JLR's competitors hence providing improved comparability for users of the APM. Free cash flow for years ended 31 March 2020 and 2019 prior to the change was £(702) million and £(1,265) million respectively.

Total product and other investment is considered by the Group to be a key measure in assessing cash invested in the development of future new models and infrastructure supporting the growth of the Group.

Working capital is considered by the Group to be a key measure in assessing short-term assets and liabilities that are expected to be converted into cash within the next 12-month period.

Total cash and cash equivalents, deposits and investments and available liquidity are measures used by the Group to assess liquidity and the availability of funds for future spend and investment.

Exceptional items are defined in note 4.

Reconciliations between these alternative performance measures and statutory reported measures are shown below and on the next page.

Adjusted EBIT and Adjusted EBITDA

Year ended 31 March (£ millions)	Note	2021	2020 restated*	2019 restated*
Adjusted EBITDA		**2,531**	**2,050**	**1,994**
Depreciation and amortisation		(1,976)	(1,910)	(2,164)
Share of (loss)/profit of equity accounted investments	16	(41)	(114)	3
Adjusted EBIT		**514**	**26**	**(167)**
Foreign exchange gain/(loss) on derivatives	14	14	15	(31)
Unrealised gain/(loss) on commodities	14	137	(78)	(34)
Foreign exchange gain/(loss) and fair value adjustments on loans	14	314	(135)	(45)
Foreign exchange (loss)/gain on economic hedges of loans	14	(143)	29	(18)
Foreign exchange gain/(loss) on balance sheet, cash and depsoits revaluation	14	64	(50)	(13)
Finance income	13	11	52	35
Finance expense (net)	13	(251)	(209)	(111)
Fair value gain/(loss) on equity investments	14	2	(43)	26
Profit/(loss) before tax and exceptional items		**662**	**(393)**	**(358)**
Exceptional items	4	(1,523)	(29)	(3,271)
Loss before tax		**(861)**	**(422)**	**(3,629)**

*Comparative information has been restated for the change in definition explained above.

Free cash flow

Year ended 31 March (£ millions)	2021	2020 restated*	2019 restated*
Net cash generated from operating activities	2,326	2,314	2,253
Purchases of property, plant and equipment	(1,050)	(1,281)	(1,590)
Net cash outflow relating to intangible asset expenditure	(799)	(1,511)	(1,785)
Proceeds from sale of property, plant and equipment	8	1	2
Investment in equity accounted investees	(1)	(67)	-
Acquisition of subsidiaries (net of cash acquired)	-	(3)	-
Finance expenses and fees paid	(313)	(262)	(210)
Finance income received	14	50	34
Free cash flow	**185**	**(759)**	**(1,296)**

*Comparative information has been restated for the change in definition explained on the previous pages.

Total product and other investments

Year ended 31 March (£ millions)	Note	2021	2020	2019
Purchases of property, plant and equipment		1,050	1,281	1,590
Net cash outflow relating to intangible asset expenditure		799	1,511	1,785
Engineering costs expensed	12	489	421	421
Investment in equity accounted investees		1	67	-
Purchases of other investments		4	11	14
Acquisition of subsidiary (net of cash acquired)		-	3	-
Total product and other investments		**2,343**	**3,294**	**3,810**

Total cash and cash equivalents, deposits and investments

As at (£ millions)	2021	2020	2019
Cash and cash equivalents	3,778	2,271	2,747
Short-term deposits and other investments	1,004	1,393	1,028
Total cash and cash equivalents, deposits and investments	**4,782**	**3,664**	**3,775**

Available liquidity

As at 31 March (£ millions)	Note	2021	2020	2019
Cash and cash equivalents		3,778	2,271	2,747
Short-term deposits and other investments		1,004	1,393	1,028
Committed undrawn credit facilities	26	1,938	1,935	1,935
Available liquidity		**6,720**	**5,599**	**5,710**

Net debt

As at (£ millions)	2021	2020	2019
Cash and cash equivalents	3,778	2,271	2,747
Short-term deposits and other investments	1,004	1,393	1,028
Interest-bearing loans and borrowings	(6,697)	(5,884)	(4,511)
Net debt	**(1,915)**	**(2,220)**	**(736)**

Retail and wholesales

Year ended 31 March (units)	2021	2020	2019
Retail sales	439,588	508,659	578,915
Wholesales	347,632	475,952	507,895

4 Exceptional items

The exceptional items recognised in the year ended 31 March 2021 comprise:

- Asset write-downs of £952 million in relation to models cancelled under the Group's Reimagine strategy. See notes 19 and 20.
- Restructuring costs of £562 million comprising:
  - Costs of £534 million resulting from the Group's Reimagine strategy comprising accruals to settle legal obligations on work performed to date and provisions for redundancies and other third party obligations. See note 28. Included within the restructuring costs is a defined benefit past service cost of £7 million. See note 33.
  - Costs of £28 million resulting from a separate redundancy programme during the year. See note 28.
- An update of £9 million to the past service cost recognised due to the requirement to equalise male and female members' benefits for the inequalities within guaranteed minimum pension ('GMP') earned between 17 May 1990 and 5 April 1997 based on new information. See note 33.

The exceptional item recognised in the year ended 31 March 2020 comprises restructuring costs of £29 million relating to the Group restructuring programme that commenced during the year ended 31 March 2019. This included a past service pension cost of £4 million.

The exceptional items recognised in the year ended 31 March 2019 comprise:

- An impairment charge of £3,105 million for the year ended 31 March 2019 following an impairment exercise undertaken in accordance with IAS 36. Further details are given in note 20;
- Restructuring costs of £149 million relating to a Group restructuring programme announced and carried out during the year ended 31 March 2019, this included a past service pension cost of £25 million; and
- A past service cost of £17 million following a High Court ruling in October 2018 that pension schemes are required to equalise male and female members' benefits for the inequalities within guaranteed minimum pension ("GMP") earned between 17 May 1990 and 5 April 1997. The Group historically made no allowance for GMP equalisation and therefore considered the change to be a plan amendment. Further details are given in note 33.

The tables below set out the exceptional items recorded in the years ended 31 March 2021, 2020 and 2019 and the impact on the consolidated income statement if these items were not disclosed separately as exceptional items.

Year ended 31 March 2021 (£ millions)	Note	Other expenses	Employee costs	Material and other cost of sales
Excluding exceptional items		**3,589**	**2,141**	**12,335**
Restructuring costs - asset write-downs		952	-	-
Restructuring costs - employee and third party obligations		252	116	194
Pension past service cost	33	-	9	-
Including exceptional items		**4,793**	**2,266**	**12,529**

Year ended 31 March 2020 (£ millions)	Other expenses	Employee costs
Excluding exceptional items	**5,238**	**2,568**
Restructuring costs	(3)	32
Including exceptional items	**5,235**	**2,600**

Year ended 31 March 2019 (£ millions)	Note	Other expenses	Employee costs
Excluding exceptional items		**5,567**	**2,820**
Impairment	19,20	3,105	-
Restructuring costs		5	144
Pension past service cost	33	-	17
Including exceptional items		**8,677**	**2,981**

Included in "Income tax (expense)/credit" in the consolidated income statement for the year ended 31 March 2021 is a credit in respect of exceptional items of £6 million (2020: credit of £6 million, 2019: credit of £278 million).

5 Revenue

The Group's revenues are summarised as follows:

Year ended 31 March (£ millions)	2021	2020	2019
Revenue recognised for sales of vehicles, parts and accessories	18,775	22,436	23,885
Revenue recognised for services transferred	314	306	249
Revenue - other	753	807	950
Total revenue from contracts with customers	**19,842**	**23,549**	**25,084**
Realised revenue hedges	(111)	(565)	(870)
Total revenue	**19,731**	**22,984**	**24,214**

"Revenue – other" includes sales of goods other than vehicles, parts and accessories.

Revenue disaggregation

The following table presents the Group's revenue, disaggregated by primary geographical market, timing of revenue recognition and major product categories. All revenue is generated from the Group's single automotive operating segment.

Year ended 31 March 2021 (£ millions)	UK	US	China	Rest of Europe	Rest of World	Total Revenue
Revenue recognised for sales of vehicles, parts and accessories	3,008	4,663	4,546	3,551	3,007	18,775
Revenue recognised for services transferred	126	95	5	10	78	314
Revenue - other	656	3	85	2	7	753
Total revenue from contracts with customers	**3,790**	**4,761**	**4,636**	**3,563**	**3,092**	**19,842**
Realised revenue hedges	-	(97)	(75)	-	61	(111)
Total revenue	**3,790**	**4,664**	**4,561**	**3,563**	**3,153**	**19,731**

Year ended 31 March 2020 (£ millions)	UK	US	China	Rest of Europe	Rest of World	Total Revenue
Revenue recognised for sales of vehicles, parts and accessories	3,875	5,889	3,374	4,745	4,553	22,436
Revenue recognised for services transferred	63	91	75	11	66	306
Revenue - other	786	4	5	1	11	807
Total revenue from contracts with customers	**4,724**	**5,984**	**3,454**	**4,757**	**4,630**	**23,549**
Realised revenue hedges	-	(370)	(166)	-	(29)	(565)
Total revenue	**4,724**	**5,614**	**3,288**	**4,757**	**4,601**	**22,984**

Year ended 31 March 2019 (£ millions)	UK	US	China	Rest of Europe	Rest of World	Total Revenue
Revenue recognised for sales of vehicles, parts and accessories	4,293	5,826	3,557	5,359	4,850	23,885
Revenue recognised for services transferred	23	67	97	8	54	249
Revenue - other	912	29	10	(12)	11	950
Total revenue from contracts with customers	**5,228**	**5,922**	**3,664**	**5,355**	**4,915**	**25,084**
Realised revenue hedges	-	(437)	(352)	-	(81)	(870)
Total revenue	**5,228**	**5,485**	**3,312**	**5,355**	**4,834**	**24,214**

Contract liabilities

As at 31 March (£ millions)	2021	2020	2019
Ongoing service obligations	766	846	805
Liabilities for advances received	61	50	86
Total contract liabilities	**827**	**896**	**891**

Revenue that is expected to be recognised within five years related to performance obligations that are unsatisfied (or partially unsatisfied) amounted to £827 million at 31 March 2021 (2020: £896 million, 2019: £891 million).

"Ongoing service obligations" mainly relate to long-term service and maintenance contracts, extended warranties and telematics services. "Liabilities for advances received" primarily relate to consideration received in advance from customers for products not yet wholesaled, at which point the revenue will be recognised. "Ongoing service obligations" and "Liabilities for advances received" are both presented within "Other liabilities" in the consolidated balance sheet.

The Group applies the practical expedient in IFRS 15.121 and does not disclose information about remaining performance obligations that have an original expected duration of one year or less. This is because revenue resulting from those sales will be recognised in a short-term period. The services included with the vehicle sale are to be recognised as revenues in subsequent years but represent an insignificant portion of expected revenues in comparison.

The movement in contract liabilities relates solely to revenue recognised from balances held at the beginning of the year of £364 million (2020: £392 million, 2019: £288 million) and increases due to cash received for performance obligations unsatisfied at the year end of £295 million (2020: £397 million, 2019: £457 million).

Revenue recognised in the year from performance obligations satisified in the previous year is £100 million (2020: £33 million, 2019: £nil).

6 Material and other cost of sales

Year ended 31 March (£ millions)	2021	2020	2019
Changes in inventories of finished goods and work-in-progress	469	121	188
Purchase of products for sale	1,029	1,105	1,181
Raw materials and consumables used	10,838	13,498	14,448
Realised purchase hedges	(1)	(40)	(147)
Total material and other cost of sales	**12,335**	**14,684**	**15,670**

7 Employee numbers and costs

Year ended 31 March (£ millions)	2021	2020	2019
Wages and salaries - employee costs	1,545	1,833	1,909
Wages and salaries - agency costs	73	175	286
Total wages and salaries	**1,618**	**2,008**	**2,195**
Social security costs and benefits	288	312	354
Pension costs	235	248	271
Total employee costs	**2,141**	**2,568**	**2,820**

Employee costs in the year ended 31 March 2021 includes £188 million (2020: £10 million, 2019: £nil) credit in relation to employees placed on furlough under the UK Coronavirus Job Retention Scheme.

Average employee numbers for the year ended 31 March 2021	Non-agency	Agency	Total
Manufacturing	18,231	754	18,985
Research and development	8,158	556	8,714
Other	9,527	317	9,844
Total employee numbers	**35,916**	**1,627**	**37,543**

Average employee numbers for the year ended 31 March 2020	Non-agency	Agency	Total
Manufacturing	18,833	1,219	20,052
Research and development	7,965	1,411	9,376
Other	9,733	626	10,359
Total employee numbers	**36,531**	**3,256**	**39,787**

Average employee numbers for the year ended 31 March 2019	Non-agency	Agency	Total
Manufacturing	19,213	1,998	21,211
Research and development	8,307	2,414	10,721
Other	11,063	1,106	12,169
Total employee numbers	**38,583**	**5,518**	**44,101**

8 Directors' emoluments

Year ended 31 March (£)	2021	2020	2019
Directors' emoluments	5,509,867	3,459,163	3,187,356
Increase/(decrease) of long-term incentive scheme amounts receivable	479,444	803,472	(98,010)
Post-employment benefits	1,164,478	349,442	520,763

The aggregate of emoluments received in the year and amounts accrued under the bonus scheme and long-term incentive plan ("LTIP") of the highest-paid director was £3,962,991 (2020: £4,099,544, 2019: £2,946,676), together with a cash allowance in lieu of pension and medical benefits of £1,164,478 (2020: £349,442, 2019: £520,763). During the year, the value of LTIP awards accrued has increased by £479,444 (2020: increase of £803,472, 2019: decrease of £98,010), which will become payable in future periods.

There were no directors who were members of a defined benefit pension scheme or a defined contribution scheme during the years ended 31 March 2021, 2020 and 2019.

LTIP cash payments received by directors during the year ended 31 March 2021 were £421,000 (2020: £nil, 2019: £623,090).

During the year ended 31 March 2021, a new CEO appointment was made, and the previous incumbent transferred to a Vice Chairman role on the Board. Consequently, the earnings of both incumbents are included in the Directors' emoluments.

9 Long-Term Incentive Plan ("LTIP")

During the year ended 31 March 2016, the Group issued the final share-based payment LTIP arrangement based on the share price of Tata Motors Limited. The final cash payment in respect of the share-based payment LTIP was made during the year ended 31 March 2019.

During the year ended 31 March 2017, the Group announced a new LTIP to replace the previous share-based payment LTIP. The new LTIP, effective from June 2016, provides a cash payment to certain employees based on the Group's performance against long-term business metrics related to performance and strategic priorities (over a period of three years). This new LTIP benefit scheme has been accounted for in accordance with IAS 19 Employee Benefits.

Comparative information for the year ended 31 March 2019 with no equivalent for the years ended 31 March 2021 or 2020

The information in this section gives details of the previous share-based payment LTIP arrangement that is reflected in the comparative information for the year ended 31 March 2019.

The scheme provided a cash payment to the employee based on a specific number of phantom shares at the grant date and the share price of Tata Motors Limited at the vesting date. The cash payment was dependent upon continued employment for the duration of the three-year vesting period.

Year ended 31 March (number)	2019
Outstanding at the beginning of the year	1,929,391
Vested in the year	(1,764,566)
Forfeited in the year	(164,825)
Outstanding at the end of the year	-

The weighted average share price of the phantom shares vested in the year ended 31 March 2019 was £3.20.

The weighted average remaining contractual life of the outstanding phantom shares as at 31 March 2019 was nil years.

No phantom shares were exercisable as at 31 March 2019.

During the year ended 31 March 2019, £1 million was recognised as a credit in "Employee costs" in relation to the share-based payment LTIP.

The fair value of the balance sheet liability in respect of phantom stock awards outstanding at 31 March 2019 was £nil.

10 Other income

Year ended 31 March (£ millions)	2021	2020	2019
Grant income	81	66	56
Commissions	20	14	23
Other	94	94	126
Total other income	**195**	**174**	**205**

During the year ended 31 March 2021, £40 million (2020: £12 million, 2019: £10 million) was recognised in "Other income" by a foreign subsidiary as an incentive for continuing trading in that country for the foreseeable future. This includes amounts received as cash in the year and amounts that the subsidiary is due to receive and for which there are no ongoing financial or operating conditions attached.

11 Other expenses

Year ended 31 March (£ millions)	Note	2021	2020	2019
Stores, spare parts and tools		88	112	193
Freight cost		499	611	653
Works, operations and other costs		1,714	2,471	2,577
Repairs		23	38	38
Power and fuel		72	87	101
Rent, rates and other taxes		31	32	90
Insurance		19	23	25
Write-down of property, plant and equipment	19	-	-	18
Write-down of intangible assets	20	40	-	-
Product warranty		706	1,131	1,016
Publicity		397	733	856
Total other expenses		**3,589**	**5,238**	**5,567**

12 Engineering costs capitalised

Year ended 31 March (£ millions)	2021	2020	2019
Total engineering costs incurred	1,216	1,790	1,997
Engineering costs expensed	(489)	(421)	(421)
Engineering costs capitalised	**727**	**1,369**	**1,576**
Interest capitalised in engineering costs capitalised	88	105	99
Research and development grants capitalised	(46)	(48)	(96)
Total internally developed intangible additions	**769**	**1,426**	**1,579**

Engineering costs capitalised of £727 million (2020: £1,369 million, 2019: £1,576 million) comprises £345 million (2020: £471 million, 2019: £672 million) included in "Employee costs" and £382 million (2020: £898 million, 2019: £904 million) included in "Other expenses" in the consolidated income statement.

During the year ended 31 March 2021, £87 million (2020: £102 million, 2019: £135 million) was recognised by a UK subsidiary as a Research and Development Expenditure Credit ("RDEC") incentive on qualifying expenditure. During the year ended 31 March 2021, £46 million (2020: £47 million, 2019: £91 million) of the RDEC – the proportion relating to capitalised product development expenditure and other intangible assets – has been offset against the cost of the respective assets. The remaining £41 million (2020: £55 million, 2019: £44 million) of the RDEC has been recognised as "Other income".

13 Finance income and expense

Year ended 31 March (£ millions)	2021	2020	2019
Finance income	11	52	35
Total finance income	**11**	**52**	**35**
Interest expense on lease liabilities	(44)	(45)	(3)
Total interest expense on financial liabilities other than lease liabilities measured at amortised cost	(296)	(250)	(203)
Interest income on derivatives designated as a fair value hedge of financial liabilities	7	3	4
Unwind of discount on provisions	(16)	(31)	(26)
Interest capitalised	98	114	117
Total finance expense (net)	**(251)**	**(209)**	**(111)**

Comparative balances have been updated for the change to show interest expense on lease liabilities on a separate line.

The capitalisation rate used to calculate borrowing costs eligible for capitalisation was 4.3 per cent (2020: 4.2 per cent, 2019: 4.1 per cent).

No redemption premium was incurred on any tranches of debt repaid in the years ended 31 March 2021, 2020 or 2019.

During the year ended 31 March 2021 the Group issued no debt at a premium (2020: one tranche of debt issued at a premium of £9 million, 2019: no debt issued at a premium).

14 Loss before tax

Expense/(income) in loss before tax includes the following:

Year ended 31 March (£ millions)	2021	2020	2019
Foreign exchange (gain)/loss and fair value adjustments on loans	(314)	135	45
Foreign exchange loss/(gain) on economic hedges of loans	143	(29)	18
Foreign exchange (gain)/loss on derivatives	(14)	(15)	31
Foreign exchange (gain)/loss on balance sheet, cash and deposits revaluation	(64)	50	13
Unrealised (gain)/loss on commodities	(137)	78	34
Fair value (gain)/loss on equity investments	(2)	43	(26)
Depreciation of right-of-use assets	94	92	-
Depreciation of property, plant and equipment	898	929	1,078
Amortisation of intangible assets (excluding internally generated development costs)	88	101	119
Amortisation of internally generated development costs	896	788	967
Operating lease rentals in respect of plant, property and equipment	-	-	92
Expenses related to short-term leases	9	13	-
Expenses related to low-value assets, excluding short-term leases of low-value assets	7	7	-
Credit for changes in lease payments arising from COVID-19 rent concessions	(3)	-	-
(Profit)/loss on disposal of property, plant, equipment and software	(1)	20	59
Exceptional items	1,523	29	3,271
Auditor remuneration (see below)	6	7	5

The following table sets out the auditor remuneration for the year (rounded to the nearest £0.1 million):

Year ended 31 March (£ millions)	2021	2020	2019
Fees payable to the Company's auditor and its associates for the audit of the parent company and consolidated financial statements	0.1	0.1	0.1
Fees payable to the Company's auditor and its associates for other services:			
- Audit of the Company's subsidiaries	4.5	5.6	4.4
Total audit fees	**4.6**	**5.7**	**4.5**
Audit-related assurance services	0.8	0.8	0.8
Other assurance services	0.4	0.3	0.1
Total non-audit fees	**1.2**	**1.1**	**0.9**
Total audit and related fees	**5.8**	**6.8**	**5.4**

15 Taxation

Amounts recognised in the consolidated income statement:

Year ended 31 March (£ millions)	2021	2020	2019
Current tax expense			
Current year	155	178	141
Adjustments for prior years	2	3	40
Current tax expense	**157**	**181**	**181**
Deferred tax expense/(credit)			
Origination and reversal of temporary differences	92	(164)	(246)
Adjustments for prior years	(12)	(11)	(48)
Write-down of deferred tax assets	-	(8)	(245)
Rate changes	2	49	50
Deferred tax expense/(credit)	**82**	**(134)**	**(489)**
Total income tax expense/(credit)	**239**	**47**	**(308)**

Amounts recognised in the consolidated statement of other comprehensive income:

Year ended 31 March (£ millions)	2021	2020	2019
Deferred tax (credit)/expense on actuarial losses/gains on retirement benefits	(143)	186	(52)
Deferred tax expense/(credit) on change in fair value of cash flow hedges	103	58	(19)
Deferred tax (credit)/expense on rate changes	-	(32)	14
	(40)	**212**	**(57)**

Reconciliation of effective tax rate:

Year ended 31 March (£ millions)	2021	2020	2019
Loss for the year	(1,100)	(469)	(3,321)
Total income tax expense/(credit)	239	47	(308)
Loss before tax	**(861)**	**(422)**	**(3,629)**
Income tax credit using the tax rates applicable to individual entities of 15.2% (2020: 14.0%, 2019: 18.3%)	(131)	(59)	(664)
Non-deductible expenses	62	28	62
Unrecognised or written-down deferred tax assets	285	9	245
Changes in tax rates	2	49	50
Overseas unremitted earnings	23	6	8
Tax on share of profit of equity accounted investments	8	22	(1)
Over provided in prior years	(10)	(8)	(8)
Total income tax expense/(credit)	**239**	**47**	**(308)**

Included within "Non-deductible expenses" is a charge of £45 million relating to the accounting write-down of assets not qualifying for tax relief. The charge of £285 million in relation to "Unrecognised or written-down deferred tax assets" arises as a result of the inability to fully recognise UK deferred tax assets arising in the year. The "Over provided in prior years" credit of £10 million arises as a result of the finalisation of prior year tax submissions with global tax authorities.

The tax rate applicable to individual entities of 15.2% reflects the blended average of the tax rates suffered on profits and losses earned in the various countries of operation. As the relative profits and losses fluctuate the average tax rate will also change.

Included within "Over provided in prior years" for the year ended 31 March 2020 is £7 million credit relating to revisions of prior year estimates of tax positions in various jurisdictions, principally the UK, to bring them into line with the latest estimates and currently filed tax positions. Included within "Changes in tax rates" is a £49 million charge for the impact of the change in the UK Statutory rate from 17 per cent to 19 per cent on deferred tax assets and liabilities.

Included within "Non-deductible expenses" for the year ended 31 March 2019 is a £53 million charge for the impact of the impairment recorded in the year on non-tax-deductible property, plant and equipment and intangible assets.

Impact of Future Rate Changes

The UK Finance Act 2016 was enacted during the year ended 31 March 2017, which included provisions for a reduction in the UK corporation tax rate to 17 per cent with effect from 1 April 2020.

Subsequently a change to the main UK corporation tax rate, announced in the Budget on 11 March 2020, was substantively enacted for IFRS purposes on 17 March 2020. The rate applicable from 1 April 2020 now remains at 19 per cent, rather than the previously enacted reduction to 17 per cent. A further change to the main UK corporation tax rate from 19 to 25 percent with effect from 1 April 2023 was announced in the Budget on 3 March 2021, and was substantively enacted on 24 May 2021. As no net deferred tax has been recognised at 31 March 2021 there would have been £nil impact had the rate change been substantively enacted at the balance sheet date.

Accordingly, UK deferred tax has been provided at a rate of 19 per cent on assets (2020: 19 per cent, 2019: 17.6 per cent) and 19 per cent on liabilities (2020: 19 per cent, 2019: 17.4 per cent), recognising the applicable tax rate at the point when the timing difference is expected to reverse.

Deferred tax assets and liabilities

Significant components of deferred tax assets and liabilities for the year ended 31 March 2021 are as follows:

(£ millions)	Opening balance	Recognised in profit or loss	Recognised in other comprehensive income	Reclassified from other equity reserves	Foreign exchange	Closing balance
Deferred tax assets						
Property, plant & equipment	635	132	-	-	-	767
Expenses deductible in future periods	377	(100)	-	-	(17)	260
Derivative financial instruments	70	12	(103)	(3)	-	(24)
Retirement benefits	(74)	3	143	-	-	72
Unrealised profit in inventory	125	(22)	-	-	-	103
Tax loss	219	(153)	-	-	(1)	65
Other	145	(94)	-	-	-	51
Total deferred tax asset	**1,497**	**(222)**	**40**	**(3)**	**(18)**	**1,294**
Deferred tax liabilities						
Intangible assets	1,043	(141)	-	-	-	902
Overseas unremitted earnings	110	1	-	-	-	111
Total deferred tax liability	**1,153**	**(140)**	**-**	**-**	**-**	**1,013**
Presented as deferred tax asset*	523					397
Presented as deferred tax liability*	(179)					(116)

*For balance sheet presentation purposes, deferred tax assets and deferred tax liabilities are offset to the extent that they relate to the same taxation authority and are expected to be settled on a net basis

At 31 March 2021, deferred tax assets of £397 million (2020: £523 million, 2019: £512 million) have been recognised in relation to deductible temporary differences, including unused tax losses, on the basis that it is probable that future taxable profits will be available against which those deductible temporary differences can be utilised.

At 31 March 2021, the Group had unused tax losses and other temporary differences amounting to £2,693 million (2020: £1,660 million, 2019: £1,599 million), for which no deferred tax asset has been recognised on the basis of forecast profitability of the companies in which the deferred tax assets arise. These tax losses are due to expire as follows:

As at 31 March (£ millions)	2021	2020	2019
No expiry	2,676	1,645	1,596
2027 or later	17	15	3

All deferred tax assets and deferred tax liabilities at 31 March 2021, 2020 and 2019 are presented as non-current.

Significant components of deferred tax assets and liabilities for the year ended 31 March 2020 are as follows:

(£ millions)	Opening balance	Adjustment on initial application of IFRS 16	Adjusted Opening balance	Recognised in profit or loss	Recognised in other comprehensive income	Reclassified from other equity reserves	Foreign exchange	Closing balance
Deferred tax assets								
Property, plant & equipment	544	3	547	87	-	-	1	635
Expenses deductible in future periods	325	-	325	51	-	-	1	377
Derivative financial instruments	134	-	134	(14)	(56)	6	-	70
Retirement benefits	113	-	113	(32)	(155)	-	-	(74)
Unrealised profit in inventory	120	-	120	6	(1)	-	-	125
Tax loss	78	-	78	141	-	-	-	219
Other	126	-	126	19	-	-	-	145
Total deferred tax asset	**1,440**	**3**	**1,443**	**258**	**(212)**	**6**	**2**	**1,497**
Deferred tax liabilities								
Intangible assets	928	-	928	115	-	-	-	1,043
Overseas unremitted earnings	101	-	101	9*	-	-	-	110
Total deferred tax liability	**1,029**	**-**	**1,029**	**124**	**-**	**-**	**-**	**1,153**
Presented as deferred tax asset*	512							523
Presented as deferred tax liability*	(101)							(179)

*For balance sheet presentation purposes, deferred tax assets and deferred tax liabilities are offset to the extent that they relate to the same taxation authority and are expected to be settled on a net basis.

Significant components of deferred tax assets and liabilities for the year ended 31 March 2019 are as follows:

(£ millions)	Opening balance	Adjustment on initial application of IFRS 9	Adjusted Opening balance	Recognised in profit or loss	Recognised in other comprehensive income	Reclassified from other equity reserves	Foreign exchange	Closing balance
Deferred tax assets								
Property, plant & equipment	9	-	9	535	-	-	-	544
Expenses deductible in future periods	239	-	239	80	-	-	6	325
Derivative financial instruments	80	6	86	7	18	23	-	134
Retirement benefits	77	-	77	(2)	38	-	-	113
Unrealised profit in inventory	157	-	157	(38)	1	-	-	120
Tax loss	367	-	367	(289)	-	-	-	78
Other	100	-	100	26	-	-	-	126
Total deferred tax asset	**1,029**	**6**	**1,035**	**319**	**57**	**23**	**6**	**1,440**
Deferred tax liabilities								
Intangible assets	1,100	-	1,100	(172)	-	-	-	928
Overseas unremitted earnings	99	-	99	2*	-	-	-	101
Total deferred tax liability	**1,199**	**-**	**1,199**	**(170)**	**-**	**-**	**-**	**1,029**
Presented as deferred tax asset**	413							512
Presented as deferred tax liability**	(583)							(101)

*Included within £2 million is a reversal of £5 million relating to withholding tax incurred on intercompany dividends paid in the year.
**For balance sheet presentation purposes, deferred tax assets and deferred tax liabilities are offset to the extent that they relate to the same taxation authority and are expected to be settled on a net basis.

16 Investments in equity accounted investees

(A) Associates

Details of the Group's associates as at 31 March 2021 are as follows:

Name of investment	Proportion of voting rights	Principal place of business and country of incorporation	Principal activity	Registered office address
Jaguar Cars Finance Limited	49.9%	England & Wales	Non-trading	280 Bishopsgate, London, EC2M 4RB, England
Synaptiv Limited	33.3%	England & Wales	Business and domestic software development	84 Kirkland Avenue, Ilford, Essex, England, IG5 0TN
Driveclubservice Pte. Limited	25.1%	Singapore	Holding company and mobility application owner/licensor	22 Sin Ming Lane, #06-76, Midview City, Singapore 573969
Driveclub Limited	25.8%	Hong Kong	Vehicle leasing	Unit A, 9/F, D2 Place ONE, 9 Cheung Yee Street, Lai Chi Kok, Kowloon, Hong Kong
ARC V Limited	15%	England & Wales	Manufacture and development of electrified vehicle technology	The Priory Barn Priory Road, Wolston, Coventry, United Kingdom, CV8 3FX

Except for Driveclub Limited and ARC V Limited, the proportion of voting rights disclosed in the table above is the same as the Group's interest in the ordinary share capital of each undertaking.

The Group has no material associates as at 31 March 2021.

The aggregate summarised financial information in respect of Group's immaterial associates that are accounted for using the equity method is set out below.

As at 31 March (£ millions)	2021	2020	2019
Carrying amount of the Group's interests in associates	-	-	2

Year ended 31 March (£ millions)	2021	2020	2019
Group's share of loss and total comprehensive expense in associates	-	(2)	(4)

(B) Joint ventures

At each balance sheet date or when there are indicators of impairment, the Group assesses whether there is any objective evidence that the carrying value of equity accounted investments may be impaired. Given the impact of the Reimagine announcement, the Group assessed the carrying value of its material joint venture. The recoverable amount is dependent on a wide range of assumptions, including sales volume forecasts, operating margin, capital expenditure and discount rate.

Cash flows were prepared based on Business Plan forecasts prepared by the local management and best available information available to the Group, including historical trends, cycle plans and performance targets. The Group applied assumptions reducing uncertainty associated with future management actions and initiatives.

Based on the above assessment there was enough evidence to indicate that there was no impairment.

Details of the Group's material joint venture as at 31 March 2021 is as follows:

Name of investment	Proportion of voting rights	Principal place of business and country of incorporation	Principal activity	Registered office address
Chery Jaguar Land Rover Automotive Company Ltd.	50.0%	China	Manufacture and assembly of vehicles	Room 1102, Binjiang International Plaza, No 88 Tonggang Road, Changshu Economic and Technical Development Zone, Suzhou City, Jiangsu Province, China

Chery Jaguar Land Rover Automotive Company Ltd. is a limited liability company whose legal form confirms separation between the parties to the joint arrangement. There is no contractual arrangement or any other facts or circumstances that indicate that the parties to the joint control of the arrangement have rights to the assets or obligations for the liabilities relating to the arrangement. Accordingly, Chery Jaguar Land Rover Automotive Company Ltd. is classified as a joint venture. Chery Jaguar Land Rover Automotive Company Ltd. is not publicly listed.

The joint venture is accounted for using the equity method and is a private company and there are no quoted market prices available for its shares.

The following tables sets out the summarised financial information of the Group's individually material joint venture, Chery Jaguar Land Rover Automotive Company Ltd., after adjusting for material differences in accounting policies:

As at 31 March (£ millions)	2021	2020	2019
Cash and cash equivalents	323	278	316
Current financial liabilities (excluding trade and other payables and provisions)	(501)	(584)	(279)
Non-current financial liabilities (excluding trade and other payables and provisions)	(5)	(82)	(123)
Current assets	566	599	748
Current liabilities	(1,364)	(1,348)	(1,103)
Non-current assets	1,446	1,570	1,439
Non-current liabilities	(13)	(82)	(122)
Net assets of material joint venture	**635**	**739**	**962**

Year ended 31 March (£ millions)	2021	2020	2019
Revenue	1,820	1,295	1,697
(Loss)/profit for the year	(83)	(224)	13
Total comprehensive (expense)/income	**(83)**	**(224)**	**13**
The above total comprehensive (expense)/income includes the following:			
Depreciation and amortisation	(201)	(201)	(206)
Interest income	7	14	12
Interest expense (net)	(20)	(25)	(14)
Income tax credit/(expense)	31	56	(6)

A reconciliation of the summarised financial information to the carrying amount of the Group's material joint venture recognised in the consolidated balance sheet is given below:

As at 31 March (£ millions)	2021	2020	2019
Net assets of material joint venture	635	739	962
Share of net assets of material joint venture	318	370	481
Other consolidation adjustments	(3)	(8)	(6)
Carrying amount of the Group's material joint venture	**315**	**362**	**475**

As at 31 March 2021, an adjustment of £3 million (2020: £8 million, 2019: £6 million) has been made to derecognise profit that has not yet been realised on goods sold by the Group to Chery Jaguar Land Rover Automotive Company Ltd.

During the year ended 31 March 2021, the Group received a dividend from Chery Jaguar Land Rover Automotive Company Ltd. of £nil (2020: £67 million, 2019: £22 million).

During the year ended 31 March 2021, the Group increased its investment in Chery Jaguar Land Rover Automotive Company Ltd. by £nil (2020: £67 million, 2019: £nil).

Details of the Group's immaterial joint venture as at 31 March 2021 is as follows:

Name of investment	Proportion of voting rights	Principal place of business and country of incorporation	Principal activity	Registered office address
Jaguar Land Rover Switzerland Ltd	30.0%	Switzerland	Vehicle sales and distribution	Emil Frey Strasse, 5745 Safenwill

During the year ended 31 March 2021, the Group invested £1 million in 30% of the ordinary share capital of Jaguar Land Rover Switzerland Ltd.

The summarised financial information in respect of the Group's immaterial joint venture accounted for using the equity method is set out below:

As at 31 March (£ millions)	2021	2020	2019
Carrying amount of the Group's interests in immaterial joint ventures	1	-	-

As at 31 March (£ millions)	2021	2020	2019
Group's share of loss and total comprehensive expense of immaterial joint ventures	-	-	-

(C) Summary of carrying amount of the Group's investment in equity accounted investees

As at 31 March (£ millions)	2021	2020	2019
Carrying amount of material joint venture	315	362	475
Carrying amount of immaterial joint venture	1	-	-
Carrying amount of immaterial associates	-	-	2
Carrying amount of the Group's interests in equity accounted investees	**316**	**362**	**477**

Year ended 31 March (£ millions)	2021	2020	2019
Share of (loss)/profit of material joint venture	(41)	(112)	7
Share of loss of immaterial joint venture	-	-	-
Share of loss of immaterial associates	-	(2)	(4)
Share of (loss)/profit of equity accounted investees	**(41)**	**(114)**	**3**

Year ended 31 March (£ millions)	2021	2020	2019
Currency translation differences – material joint venture	(11)	1	(3)
Share of other comprehensive (expense)/income of equity accounted investees	**(11)**	**1**	**(3)**

17 Other non-current investments

The Group's other investments comprise equity investments of 10 per cent or less of the ordinary share capital of the investee companies and are designated as fair value through profit and loss financial instruments.

As at 31 March (£ millions)	2021	2020	2019
Investment in Lyft Inc	-	17	46
Other investments	22	20	23
Total	**22**	**37**	**69**

During the year ended 31 March 2021, the Group invested £4 million (2020: £11 million, 2019: £14 million) in other investments.

The Group has no additional rights or influence over any of these equity investments other than the voting rights attached to the ordinary share capital, and during the year ended 31 March 2021 no dividends were received (2020, 2019: no dividends).

Disclosure of the valuation techniques applied in calculating the fair value of these other non-equity accounted investments is included in note 36(A).

18 Other financial assets

As at 31 March (£ millions)	2021	2020	2019
Non-current			
Restricted cash	8	7	6
Derivative financial instruments	249	142	54
Warranty reimbursement and other receivables	73	102	104
Other	11	6	6
Total non-current other financial assets	**341**	**257**	**170**
Current			
Restricted cash	12	12	11
Derivative financial instruments	281	241	133
Warranty reimbursement and other receivables	70	87	88
Accrued income	26	14	44
Other	88	29	38
Total current other financial assets	**477**	**383**	**314**

Other financial assets pledged as collateral against borrowings are disclosed in note 26.

19 Property, plant and equipment

(£ millions)	Land and buildings	Plant and equipment	Vehicles	Computers	Fixtures & fittings	Leased assets	Heritage vehicles	Under construction	Total
Cost									
Balance at 1 April 2018	1,549	7,762	9	124	107	27	51	1,596	11,225
Additions	9	-	1	48	21	5	3	1,550	1,637
Transfers	723	1,545	-	-	-	-	-	(2,268)	-
Disposals	(3)	(528)	(1)	(8)	(3)	-	-	-	(543)
Impairment - Group CGU	-	-	-	-	-	-	-	(185)	(185)
Foreign currency translation	(17)	(14)	-	-	-	-	-	13	(18)
Balance at 31 March 2019	**2,261**	**8,765**	**9**	**164**	**125**	**32**	**54**	**706**	**12,116**
Adjustment on initial application of IFRS 16	(9)	-	-	-	-	(32)	-	-	(41)
Adjusted opening balance	**2,252**	**8,765**	**9**	**164**	**125**	**-**	**54**	**706**	**12,075**
Additions	-	-	8	26	12	-	-	1,218	1,264
Assets acquired on acquisition	1	-	-	-	-	-	-	-	1
Transfers	285	895	-	-	-	-	-	(1,180)	-
Disposals	-	(20)	(1)	(2)	(2)	-	(1)	(11)	(37)
Foreign currency translation	18	19	-	1	-	-	-	(1)	37
Balance at 31 March 2020	**2,556**	**9,659**	**16**	**189**	**135**	**-**	**53**	**732**	**13,340**
Additions	-	-	6	-	2	-	-	828	836
Transfers	27	606	-	-	-	-	-	(633)	-
Disposals	(5)	(15)	(3)	(1)	(3)	-	(4)	-	(31)
Impairment - asset write-downs	-	-	-	-	-	-	-	(237)	(237)
Foreign currency translation	(22)	(28)	-	(1)	(1)	-	-	1	(51)
Balance at 31 March 2021	**2,556**	**10,222**	**19**	**187**	**133**	**-**	**49**	**691**	**13,857**
Depreciation and impairment									
Balance at 1 April 2018	207	3,488	4	43	47	6	13	-	3,808
Depreciation charge for the period	82	965	1	18	10	2	-	-	1,078
Disposals	(2)	(480)	(1)	(6)	(2)	-	-	-	(491)
Impairment - Group CGU	-	1,162	1	26	16	6	-	-	1,211
Impairment - asset write-downs	-	-	-	-	-	-	18	-	18
Balance at 31 March 2019	**287**	**5,135**	**5**	**81**	**71**	**14**	**31**	**-**	**5,624**
Adjustment on initial application of IFRS 16	-	-	-	-	-	(14)	-	-	(14)
Adjusted opening balance	**287**	**5,135**	**5**	**81**	**71**	**-**	**31**	**-**	**5,610**
Depreciation charge for the period	112	792	2	14	9	-	-	-	929
Disposals	-	(14)	-	(1)	(1)	-	-	-	(16)
Foreign currency translation	2	1	-	-	-	-	-	-	3
Balance at 31 March 2020	**401**	**5,914**	**7**	**94**	**79**	**-**	**31**	**-**	**6,526**
Depreciation charge for the period	110	761	4	15	8	-	-	-	898
Disposals	(3)	(15)	(2)	(1)	(3)	-	-	-	(24)
Impairment - asset write-downs	4	2	-	-	-	-	-	-	6
Translation	(2)	(5)	-	(2)	(1)	-	-	-	(10)
Balance at 31 March 2021	**510**	**6,657**	**9**	**106**	**83**	**-**	**31**	**-**	**7,396**
Net book value									
At 31 March 2019	1,974	3,630	4	83	54	18	23	706	6,492
At 31 March 2020	2,155	3,745	9	95	56	-	22	732	6,814
At 31 March 2021	**2,046**	**3,565**	**10**	**81**	**50**	**-**	**18**	**691**	**6,461**

Asset write-downs for the year ending 31 March 2021 include £243 million (2020, 2019: £nil) in relation to the Group's Reimagine strategy. The write-down expense has been recognised in 'exceptional items' in the consolidated income statement.

During the year ended 31 March 2019, £18 million of heritage vehicles have been written-down and recognised as an expense within "Other expenses" following a review of the carrying value of property, plant and equipment. No assets were written down during the year ended 31 March 2020.

Property, plant and equipment pledged as collateral against borrowings are disclosed in note 26.

20 Intangible assets

(£ millions)	Software	Patents and technological know-how	Customer-related	Intellectual property rights and other intangibles	Product development in progress	Capitalised product development	Total
Cost							
Balance at 1 April 2018	661	147	61	646	2,057	6,733	10,305
Other additions - externally purchased	85	-	-	5	-	-	90
Other additions - internally developed	-	-	-	-	1,579	-	1,579
Capitalised product development - internally developed	-	-	-	-	(1,084)	1,084	-
Disposals	(44)	-	-	-	-	(844)	(888)
Impairment - Group CGU	(10)	-	-	-	(562)	-	(572)
Foreign exchange	(1)	-	-	-	-	-	(1)
Balance at 31 March 2019	**691**	**147**	**61**	**651**	**1,990**	**6,973**	**10,513**
Other additions - externally purchased	111	-	-	-	-	-	111
Other additions - internally developed	-	-	-	-	1,426	-	1,426
Other additions - on acquisition	-	-	-	2	-	-	2
Capitalised product development - internally developed	-	-	-	-	(944)	944	-
Disposals	(2)	-	-	-	-	(345)	(347)
Foreign exchange	2	-	-	(1)	-	-	1
Balance at 31 March 2020	**802**	**147**	**61**	**652**	**2,472**	**7,572**	**11,706**
Other additions - externally purchased	73	-	-	-	-	-	73
Other additions - internally developed	-	-	-	-	769	-	769
Capitalised product development - internally developed	-	-	-	-	(1,404)	1,404	-
Disposals	(1)	-	-	-	-	10	9
Impairment- asset write-downs	-	-	-	-	(749)	-	(749)
Balance at 31 March 2021	**874**	**147**	**61**	**652**	**1,088**	**8,986**	**11,808**
Amortisation and impairment							
Balance at 1 April 2018	288	141	30	6	-	3,077	3,542
Amortisation for the year	106	6	3	4	-	967	1,086
Disposals	(36)	-	-	-	-	(843)	(879)
Impairment - asset write-downs	75	-	7	152	-	903	1,137
Balance at 31 March 2019	**433**	**147**	**40**	**162**	**-**	**4,104**	**4,886**
Amortisation for the year	96	-	2	3	-	788	889
Disposals	(2)	-	-	-	-	(345)	(347)
Balance at 31 March 2020	**527**	**147**	**42**	**165**	**-**	**4,547**	**5,428**
Amortisation for the year	82	-	2	4	-	896	984
Disposals	(1)	-	-	-	-	10	9
Balance at 31 March 2021	**608**	**147**	**44**	**169**	**-**	**5,453**	**6,421**
Net book value							
At 31 March 2019	258	-	21	489	1,990	2,869	5,627
At 31 March 2020	275	-	19	487	2,472	3,025	6,278
At 31 March 2021	**266**	**-**	**17**	**483**	**1,088**	**3,533**	**5,387**

Asset write-downs for the year ending 31 March 2021 include £709 million (2020, 2019: £nil) in relation to the Group's Reimagine strategy. The Reimagine related write-down expense has been recognised in 'exceptional items' in the consolidated income statement.

Impairment testing

The directors are of the view that the operations of the Group, excluding equity accounted investments, represent a single cash-generating unit ("CGU"). This is because of the closely connected nature of the cash flows and the degree of integrated development and manufacturing activities.

In response to the annual requirement of IAS 36, and the impact of Reimagine (see pages 6 to 9 for more details), management performed an impairment assessment as at 31 March 2021.

For the current year assessment, the recoverable value was determined using the value in use ("VIU") approach outlined in IAS 36. No impairment was identified as the CGU recoverable amount exceeded its carrying amount by £2.7bn (£0.4bn in the year ended in 31 March 2020). The impairment loss recorded in the year ended 31 March 2019 was not reversed because the underlying reasons for the increased headroom (including the unwind of the discount rate and the impact of depreciation and amortisation of impaired assets) do not support this.

The Group has considered it appropriate to undertake the impairment assessment with reference to the latest business plan that was in effect as at the reporting date. The business plan includes a five-year cash flow forecast and contains growth rates that are primarily a function of the Group's Cycle Plan assumptions, historical performance and management's expectation of future market developments through to 2025/26. In forecasting the future cash flows management have given due consideration to recent cost performance, with cost savings in line with the launch of our Refocus programme. Additionally, management has considered the opportunities and risks that have arisen due to the current economic uncertainty including the launch of the Reimagine strategy outlined on pages 6 to 9 and the near term supply chain challenges related to global chip shortages (discussed within the risk section on page 27).

The Group used a long term growth rate of 1.9% (1.9% in the years ended in 31 March 2020 and 31 March 2019) to extrapolate cash flow projections beyond the period covered by the business plan and a pre-tax discount rate of 13.6% (12.5% in the year ended in 31 March 2020 and 11.8% in the year ended in 31 March 2019).

The directors' approach and key assumptions used to determine the Group's CGU VIU were as follows:

- Terminal value variable profit – Due to the importance of product mix to the business' cash flow the directors consider variable profit to be a key assumption. Whilst years 1 to 5 of the business plan is largely driven from the existing portfolio, management's Reimagine strategy results in a change in product portfolio in the outer years of the business plan. When considering the cash flows to model into perpetuity, it is therefore necessary to derive a steady-state variable profit value based on this change, the business plan volume set and associated implied variable profit levels;

- Terminal value capital expenditure –the 5-year cash flows timing and amount are based on the latest Cycle Plan. The terminal value has been derived based on the directors best estimate of a maintenance level of capital expenditure which has been derived from depreciation and amortisation expectations and funding requirements in responses to longer-term industry trends which are anticipated in the VIU calculation.

Sensitivity to key assumptions

The key assumptions that impact the value in use are those that

(i) involve a significant amount of judgement and estimation and

(ii) drive significant changes to the recoverable amount when flexed under reasonably possible outcomes.

As a significant portion of the recoverable amount lies in the VIU terminal value, management have focussed disclosures on reasonably possible changes that impact the terminal value.

Given the inherent uncertainty about how risk may arise, and the interaction of volumes and cost management, management consider a net impact on terminal period cash flows to be the best means of indicating the sensitivity of the model to such changes in the terminal period.

The value of key assumptions used to calculate the recoverable amount are as follows:

As at 31 March	2021	2020	2019
Terminal value variable profit (%GVR)	21.4%	19.7%	22.6%
Terminal value capital expenditure (%GVR)	8.9%	9.1%	11.0%

Long term growth rate and discount rate were not considered key assumptions in the year ended in 31 March 2021 as they are not driving significant changes to the recoverable amount when flexed under reasonably possible outcomes.

The table below shows the amount by which the value assigned to the key assumptions must change for the recoverable amount of the CGU to be equal to its carrying amount under reasonably possible outcomes:

	2021		2020	
As at 31 March*	Revised assumption	% Change in assumption	Revised assumption	% Change in assumption
Terminal value variable profit (%GVR)	20.1%	(6.3)%	19.5%	(0.9)%
Terminal value capital expenditures (%GVR)	10.2%	15.1%	9.3%	1.9%

* For the year ended 31 March 2019, the recoverable amount of the CGU was equal to its carrying amount, therefore the above disclosure is not applicable.

FY19 disclosures with no FY21 or FY20 equivalent

In the impairment assessment performed by management as at 31 March 2019, the recoverable value was determined based on value in use ("VIU"), which was marginally higher than the fair value less cost of disposal ("FVLCD") of the relevant assets of the CGU. The recoverable amount was lower than the carrying value of the CGU, and this resulted in an exceptional impairment charge of £3,105 million being recognised within "exceptional items" as at 31 March 2019.

The impairment loss of £3,105 million has been allocated initially against goodwill of £1 million and the relevant assets, and thereafter the residual amount has been allocated on a pro-rated basis. This has resulted in £1,396 million allocated against tangible assets and £1,709 million allocated against intangible assets.

21 Other assets

As at 31 March (£ millions)	2021	2020	2019
Non-current			
Prepaid expenses	17	8	83
Research and development credit	4	-	-
Other	11	15	-
Total non-current other assets	**32**	**23**	**83**
Current			
Recoverable VAT	200	228	301
Prepaid expenses	120	139	156
Research and development credit	104	85	113
Other	24	25	-
Total current other assets	**448**	**477**	**570**

22 Cash and cash equivalents

As at 31 March (£ millions)	2021	2020	2019
Cash and cash equivalents	3,778	2,271	2,747

23 Allowances for trade and other receivables

Year ended 31 March (£ millions)	2021	2020	2019
At beginning of year	11	12	50
Charged during the year	6	11	4
Receivables written off during the year as uncollectable	(1)	(4)	(41)
Unused amounts reversed	(9)	(8)	2
Foreign currency translation	-	-	(3)
At end of year	**7**	**11**	**12**

Trade receivables with a contractual amount of £nil (2020: £2 million, 2019: £38 million) that were written off during the year are still subject to enforcement activity.

Trade receivables pledged as collateral against borrowings are disclosed in note 26.

24 Inventories

As at 31 March (£ millions)	2021	2020	2019
Raw materials and consumables	110	104	130
Work-in-progress	371	388	369
Finished goods	2,525	2,977	3,117
Inventory basis adjustment	16	(1)	(8)
Total inventories	**3,022**	**3,468**	**3,608**

Inventories of finished goods include £406 million (2020: £466 million, 2019: £484 million) relating to vehicles sold to rental car companies, fleet customers and others with guaranteed repurchase arrangements.

Cost of inventories (including cost of purchased products) recognised as an expense during the year amounted to £13,917 million (2020: £16,902 million, 2019: £18,086 million).

During the year, the Group recorded an inventory write-down expense of £16 million (2020: £28 million, 2019: £52 million). This included the impact of COVID-19 as part of the Group's inventory provisioning methodology. The write-down is included in "Material and other cost of sales".

Inventories pledged as collateral against borrowings are disclosed in note 26.

25 Accounts payable

As at 31 March (£ millions)	2021	2020	2019
Trade payables	4,238	3,723	4,444
Liabilities to employees	171	143	114
Liabilities for expenses	1,392	1,950	1,757
Capital creditors	507	683	768
Total accounts payable	**6,308**	**6,499**	**7,083**

26 Interest-bearing loans and borrowings

As at 31 March (£ millions)	2021	2020	2019
Short-term borrowings			
Bank loans	572	-	114
Current portion of long-term EURO MTF listed debt	399	299	767
Current portion of long-term loans	235	225	-
Other secured	-	2	-
Total short-term borrowings	**1,206**	**526**	**881**
Long-term borrowings			
EURO MTF listed debt	3,921	3,562	2,844
Bank loans	1,037	1,241	755
Other unsecured	14	14	-
Total long-term borrowings	**4,972**	**4,817**	**3,599**
Lease obligations	519	541	31
Total debt	**6,697**	**5,884**	**4,511**

Euro MTF listed debt

The bonds are listed on the Luxembourg Stock Exchange multilateral trading facility ("EURO MTF") market. Details of the tranches of the bonds outstanding at 31 March 2021 are as follows:

- $500 million Senior Notes due 2023 at a coupon of 5.625 per cent per annum – issued January 2013
- £400 million Senior Notes due 2022 at a coupon of 5.000 per cent per annum – issued January 2014
- £400 million Senior Notes due 2023 at a coupon of 3.875 per cent per annum – issued February 2015
- €650 million Senior Notes due 2024 at a coupon of 2.200 per cent per annum – issued January 2017
- $500 million Senior Notes due 2027 at a coupon of 4.500 per cent per annum – issued October 2017
- €500 million Senior Notes due 2026 at a coupon of 4.500 per cent per annum – issued September 2018
- €500 million Senior Notes due 2024 at a coupon of 5.875 per cent per annum – issued November 2019
- €500 million Senior Notes due 2026 at a coupon of 6.875 per cent per annum – issued November 2019
- $700 million Senior Notes due 2025 at a coupon of 7.750 per cent per annum – issued October 2020
- $650 million Senior Notes due 2028 at a coupon of 5.875 per cent per annum – issued December 2020

Details of the tranches of the bond repaid in the year ended 31 March 2021 are as follows:

- £300 million Senior Notes due 2021 at a coupon of 2.750 per cent per annum – issued January 2017

Details of the tranches of bonds repaid in the year ended 31 March 2020 are as follows:

- $500 million Senior Notes due 2019 at a coupon of 4.250 per cent per annum – issued October 2014
- $500 million Senior Notes due 2020 at a coupon of 3.500 per cent per annum – issued March 2015

Details of the tranches of the bond repaid in the year ended 31 March 2019 as follows:

- $700 million Senior Notes due 2018 at a coupon of 4.125 per cent per annum – issued December 2013

Syndicated loan

In October 2018, a $1 billion syndicate loan was issued with a coupon rate of LIBOR + 1.900 per cent per annum, due in the following tranches:

- $200 million due October 2022
- $800 million due January 2025

The contractual cash flows of interest-bearing debt (excluding leases) are set out on the next page, including estimated interest payments and assuming the debt will be repaid at the maturity date.

As at 31 March (£ millions)	2021	2020	2019
Due in			
1 year or less	1,492	765	1,071
2nd and 3rd years	1,270	2,039	1,011
4th and 5th years	3,198	2,145	1,696
More than 5 years	1,383	1,441	1,559
Total contractual cash flows	**7,343**	**6,390**	**5,337**

During the year ended 31 March 2021, the Group extended its factored receivables facility to a $500 million facility ending March 2023. Under the terms of the facility, the Group de-recognises factored receivables in accordance with IFRS 9 as there are no recourse arrangements.

UK export finance facility

During the year ended 31 March 2020, the Group entered and drew down in full a £625 million five-year amortising loan facility backed by a £500 million guarantee from UK Export Finance. During the year ended 31 March 2021, the Group repaid £125 million (2020: £52 million, 2019: £nil) of this loan. The loan includes a covenant requiring the Group to maintain a minimum liquidity of £1 billion.

UK fleet financing facility

During the year ended 31 March 2020, the Group entered into a secured revolving loan facility letter dated 25 October 2019 with Black Horse Limited, with an aggregate principal amount of £100 million. During the year ended 31 March 2021, the Group has increased this facility to £110 million. The facility is secured by a floating charge over inactive own-use (OUVs) vehicles.

China borrowings

During the year ended 31 March 2021, the Group entered into a 3-year RMB 5 billion syndicated revolving loan facility subject to an annual confirmatory review. The facility is fully drawn at 31 March 2021 and is equivalent to £554 million at 31 March 2021 exchange rates. In addition the Group entered into a parts factoring facility in China of which £19 million is drawn down at 31 March 2021.

Undrawn Facilities

As at 31 March 2021, the Group has a fully undrawn revolving credit facility of £1,935 million (2020: £1,935 million, 2019: £1,935 million). This facility is available in full until July 2022. The group also has £3 million undrawn on its fleet buyback facility (2020, 2019: £nil).

On 1 April 2021, the Group agreed a revolving credit facility of £1,310 million which will become available when the existing facility expires in July 2022. The new facility will be available in full until March 2024 and includes a covenant requiring the Group to maintain a minimum liquidity of £1 billion.

Collateral pledged against borrowings

Inventory of £138 million (2020: £127 million, 2019: £nil), trade receivables with a carrying amount of £19 million (2020: £nil, 2019: £114 million), property, plant and equipment with a carrying amount of £nil (2020, 2019: £nil), and other financial assets with a carrying of £13 million (2020, 2019: £nil) are pledged as collateral/security against the commitments.

27 Other financial liabilities

As at 31 March (£ millions)	2021	2020	2019
Current			
Lease obligations	65	73	3
Interest accrued	84	65	33
Derivative financial instruments	238	453	523
Liability for vehicles sold under a repurchase arrangement	359	479	469
Other	-	3	14
Total current other financial liabilities	**746**	**1,073**	**1,042**
Non-current			
Lease obligations	454	468	28
Derivative financial instruments	169	310	281
Other	2	-	1
Total non-current other financial liabilities	**625**	**778**	**310**

28 Provisions

As at 31 March (£ millions)	2021	2020	2019
Current			
Product warranty	643	731	694
Legal and product liability	198	124	154
Provisions for residual risk	24	61	9
Provision for environmental liability	3	6	14
Other employee benefits obligations	10	7	13
Restructuring	283	15	104
Total current provisions	**1,161**	**944**	**988**
Non-current			
Product warranty	1,042	1,155	1,048
Legal and product liability	71	54	43
Provision for residual risk	42	114	31
Provision for environmental liability	23	17	15
Other employee benefits obligations	10	15	3
Total non-current provisions	**1,188**	**1,355**	**1,140**

Year ended 31 March 2021 (£ millions)	Product warranty	Legal and product liability	Residual risk	Environmental liability	Other employee benefits obligations	Restructuring	Total
Opening balance	1,886	178	175	23	22	15	2,299
Provisions made during the year	681	213	38	6	9	315	1,262
Provisions used during the year	(795)	(58)	(44)	(3)	(6)	(47)	(953)
Unused amounts reversed in the period	(103)	(63)	(92)	-	(5)	-	(263)
Impact of unwind of discounting	16	-	-	-	-	-	16
Foreign currency translation	-	(1)	(11)	-	-	-	(12)
Closing balance	**1,685**	**269**	**66**	**26**	**20**	**283**	**2,349**

Product warranty provision

The Group offers warranty cover in respect of manufacturing defects, which become apparent one to five years after purchase, dependent on the market in which the purchase occurred and the vehicle purchased. The group offers warranties of up to eight years on batteries in electric vehicles. The estimated liability for product warranty is recognised when products are sold or when new warranty programmes are initiated. These estimates are established using historical information on the nature, frequency and average cost of warranty claims and management estimates regarding possible future warranty claims, customer goodwill and recall complaints. The discount on the warranty provision is calculated using a risk-free discount rate as the risks specific to the liability, such as inflation, are included in the base calculation. The timing of outflows will vary as and when a warranty claim will arise, being typically up to eight years.

The Group considered the impact of the COVID-19 pandemic on its product warranty offerings and associated provisions, and determined that its existing methodology remained applicable for the year ended 31 March 2021.

Legal and product liability provision

A legal and product liability provision is maintained in respect of compliance with regulations and known litigations that impact the Group. The provision primarily relates to motor accident claims, consumer complaints, dealer terminations, employment cases, personal injury claims and compliance with emission and battery disposal regulations. The timing of outflows will vary as and when claims are received and settled, which is not known with certainty.

Residual risk provision

In certain markets, the Group is responsible for the residual risk arising on vehicles sold by retailers under leasing arrangements. The provision is based on the latest available market expectations of future residual value trends. The timing of the outflows will be at the end of the lease arrangements, being typically up to three years.

The potential effects of the COVID-19 pandemic, particularly the estimated decline and subsequent recovery in the used vehicle market, were included in the Group's methodology applied in estimating the residual value exposure for the year ended 31 March 2021.

These assessments were performed with reference to both internal and external market inputs.

Environmental liability provision

This provision relates to various environmental remediation costs such as asbestos removal and land clean-up. The timing of when these costs will be incurred is not known with certainty.

Other employee benefit obligations

This provision relates to the LTIP scheme for certain employees (see note 9) and other amounts payable to employees.

Restructuring provision

The restructuring provision includes amounts for third party obligations arising from Group restructuring programmes. This includes amounts payable to employees following the announcement of the Group's Reimagine strategy in the year ending 31 March 2021 as well as other Group restructuring programmes. Amounts are also included in relation to legal and constructive obligations made to third parties in connection with cancellations under the group's Reimagine strategy.

The estimated liability for restructuring activities is recognised when the group has reason to believe there is a legal or constructive obligation arising from restructuring actions taken.

The amount provided at the reporting date is calculated based on currently available facts and certain estimates for third party obligations (see note 4, material and other cost of sales). These estimates are established using historical experience based on the settlement costs for similar liabilities, with proxies being used where no direct comparison exists.

The amounts and timing of outflows will vary as and when restructuring obligations are progressed with third parties. However, management believe it highly likely this provision will be utilised within the next financial year, with the likely range of outcomes not being materially different to the amount recorded.

29 Other liabilities

As at 31 March (£ millions)	2021	2020	2019
Current			
Liabilities for advances received	61	50	86
Ongoing service obligations	315	324	301
VAT	122	169	199
Other taxes payable	120	148	53
Other	20	25	25
Total current other liabilities	**638**	**716**	**664**
Non-current			
Ongoing service obligations	451	522	504
Other	10	11	17
Total non-current other liabilities	**461**	**533**	**521**

30 Capital and reserves

The holders of ordinary shares are entitled to receive dividends as declared from time to time and are entitled to one vote per share at meetings of the Company.

As at 31 March (£ millions)	2021	2020	2019
Authorised, called up and fully paid			
1,500,642,163 ordinary shares of £1 each	1,501	1,501	1,501
Total ordinary share capital	**1,501**	**1,501**	**1,501**

The capital redemption reserve of £167 million (2020, 2019: £167 million) was created in March 2011 on the cancellation of share capital.

31 Other reserves

The movement of reserves is as follows:

(£ millions)	Translation reserve	Hedging reserve	Cost of hedging reserve	Retained earnings	Total other reserves
Balance at 1 April 2020	**(316)**	**(286)**	**(33)**	**5,515**	**4,880**
Loss for the year	-	-	-	(1,101)	(1,101)
Remeasurement of defined benefit obligation	-	-	-	(751)	(751)
Gain on effective cash flow hedges	-	400	37	-	437
Income tax related to items recognised in other comprehensive income	-	(76)	(6)	143	61
Cash flow hedges reclassified to profit and loss	-	116	(7)	-	109
Income tax related to items reclassified to profit or loss	-	(22)	1	-	(21)
Amounts removed from hedge reserve and recognised in inventory	-	5	11	-	16
Income tax related to amounts removed from hedge reserve and recognised in inventory	-	(1)	(2)	-	(3)
Currency translation differences	(41)	-	-	-	(41)
Balance at 31 March 2021	**(357)**	**136**	**1**	**3,806**	**3,586**
Of which:					
Amounts related to continuing hedges	n/a	129	1	n/a	130
Amounts related to discontinued hedges	n/a	7	-	n/a	7
Balance at 1 April 2019	**(337)**	**(506)**	**(33)**	**5,181**	**4,305**
Adjustment on initial application of IFRS 16 (net of tax)	-	-	-	(23)	(23)
Adjusted balance at 1 April 2019	**(337)**	**(506)**	**(33)**	**5,158**	**4,282**
Loss for the year	-	-	-	(471)	(471)
Remeasurement of defined benefit obligation	-	-	-	983	983
Loss on effective cash flow hedges	-	(334)	-	-	(334)
Gain/(loss) on effective cash flow hedges of inventory	-	82	(7)	-	75
Income tax related to items recognised in other comprehensive income	-	49	1	(155)	(105)
Cash flow hedges reclassified to profit and loss	-	571	(8)	-	563
Income tax related to items reclassified to profit or loss	-	(109)	2	-	(107)
Amounts removed from hedge reserve and recognised in inventory	-	(48)	15	-	(33)
Income tax related to amounts removed from hedge reserve and recognised in inventory	-	9	(3)	-	6
Currency translation differences	21	-	-	-	21
Balance at 31 March 2020	**(316)**	**(286)**	**(33)**	**5,515**	**4,880**
Of which:					
Amounts related to continuing hedges	n/a	(249)	(32)	n/a	(281)
Amounts related to discontinued hedges	n/a	(37)	(1)	n/a	(38)
Balance at 1 April 2018	**(333)**	**(281)**	**(46)**	**8,968**	**8,308**
Adjustment on initial application of IFRS 9 and IFRS 15 (net of tax)	-	(29)	2	(5)	(32)
Adjusted balance at 1 April 2018	**(333)**	**(310)**	**(44)**	**8,963**	**8,276**
Loss for the year	-	-	-	(3,325)	(3,325)
Remeasurement of defined benefit obligation	-	-	-	(270)	(270)
(Loss)/gain on effective cash flow hedges	-	(813)	24	-	(789)
Loss on effective cash flow hedges of inventory	-	(161)	(36)	-	(197)
Income tax related to items recognised in other comprehensive income	-	184	2	38	224
Cash flow hedges reclassified to profit and loss	-	874	7	-	881
Income tax related to items reclassified to profit or loss	-	(166)	(1)	-	(167)
Amounts removed from hedge reserve and recognised in inventory	-	(141)	19	-	(122)
Income tax related to amounts removed from hedge reserve and recognised in inventory	-	27	(4)	-	23
Currency translation differences	(4)	-	-	-	(4)
Dividend paid	-	-	-	(225)	(225)
Balance at 31 March 2019	**(337)**	**(506)**	**(33)**	**5,181**	**4,305**
Of which:					
Amounts related to continuing hedges	n/a	(466)	(33)	n/a	(499)
Amounts related to discontinued hedges	n/a	(40)	-	n/a	(40)

32 Dividends

Year ended 31 March (£ millions)	2021	2020	2019
Dividend proposed for the previous year paid during the year of £nil (2020: £nil, 2019: £0.15) per ordinary share	-	-	225
Amounts recognised as distributions to equity holders during the year	**-**	**-**	**225**
Proposed dividend for the year of £nil (2020, 2019: £nil) per ordinary share	-	-	-

33 Employee benefits

The Group operates defined benefit pension schemes for qualifying employees of certain subsidiaries. The UK defined benefit schemes are administered by a trustee with assets held in trusts that are legally separate from the Group. The trustee of the pension schemes is required by law to act in the interest of the members and of all relevant stakeholders in the schemes and is responsible for the investment policy with regard to the assets of the schemes and all other governance matters. The board of the trustee must be composed of representatives of the Group and scheme participants in accordance with each scheme's regulations.

Under the schemes, the employees are entitled to post-retirement benefits based on their length of service and salary.

Through its defined benefit pension schemes, the Group is exposed to a number of risks, the most significant of which are detailed below.

Asset volatility

The schemes' liabilities are calculated using a discount rate set with reference to corporate bond yields; if the schemes' assets underperform against these corporate bonds, this will create or increase a deficit. The defined benefit schemes hold a significant proportion of equity-type assets, which are expected to outperform corporate bonds in the long-term although introduce volatility and risk in the short-term.

The UK schemes hold a substantial level of index-linked gilts and other inflation and interest rate hedging instruments in order to reduce the volatility of assets compared to the liability value, although these will lead to asset value volatility.

As the schemes mature, the Group intends to reduce the level of investment risk by investing more in assets for which expected income is a better match for the expected benefit outgo.

However, the Group believes that due to the long-term nature of the schemes' liabilities and the strength of the supporting group, a level of continuing equity-type investments is currently an appropriate element of the Group's long-term strategy to manage the schemes efficiently.

Changes in bond yields

A decrease in corporate bond yields will increase the schemes' liabilities, although this is expected to be partially offset by an increase in the value of the schemes' assets, specifically the bond holdings and interest rate hedging instruments.

Inflation risk

Some of the Group's pension obligations are linked to inflation, and higher inflation will lead to higher liabilities (although, in most cases, caps on the level of inflationary increases are in place to protect the schemes against high inflation). As noted above, the schemes hold a significant proportion of assets in index-linked gilts, together with other inflation hedging instruments and also assets that are more closely correlated with inflation. However, an increase in inflation may still create a deficit or increase an existing deficit to some degree.

Life expectancy

The majority of the schemes' obligations are to provide benefits for the life of the member, so increases in life expectancy will result in an increase in the schemes' liabilities. This is particularly significant in the UK defined benefit schemes, where inflationary increases result in higher sensitivity to changes in life expectancy.

The following tables set out the disclosures pertaining to the retirement benefit amounts recognised in the consolidated financial statements prepared in accordance with IAS 19:

Change in present value of defined benefit obligation

Year ended 31 March (£ millions)	2021	2020	2019
Defined benefit obligation at beginning of year	7,788	8,648	8,320
Current service cost	131	133	158
Past service cost	16	4	42
Interest expense	166	203	216
Actuarial (gains)/losses arising from:			
Changes in demographic assumptions	(21)	7	(49)
Changes in financial assumptions	869	(526)	544
Experience adjustments	(75)	(139)	32
Exchange differences on foreign schemes	(2)	1	-
Member contributions	1	2	2
Benefits paid	(441)	(545)	(617)
Defined benefit obligation at end of year	**8,432**	**7,788**	**8,648**

Change in present value of scheme assets

Year ended 31 March (£ millions)	2021	2020	2019
Fair value of schemes' assets at beginning of year	8,168	7,981	7,882
Interest income	170	190	208
Remeasurement gain on the return of plan assets, excluding amounts included in interest income	22	325	257
Administrative expenses	(22)	(16)	(13)
Exchange differences on foreign schemes	(1)	-	-
Employer contributions	148	231	262
Member contributions	1	2	2
Benefits paid	(441)	(545)	(617)
Fair value of schemes' assets at end of year	**8,045**	**8,168**	**7,981**

The actual return on the schemes' assets for the year ended 31 March 2021 was £192 million (2020: £515 million, 2019: £465 million).

Year ended 31 March (£ millions)	2021	2020	2019
Current service cost	131	133	158
Past service cost	16	4	42
Administrative expenses	22	16	13
Net interest cost (including onerous obligations)	(4)	13	8
Components of defined benefit cost recognised in the consolidated income statement	**165**	**166**	**221**

Amounts recognised in the consolidated statement of comprehensive income consist of:

Year ended 31 March (£ millions)	2021	2020	2019
Actuarial gains/(losses) arising from:			
Changes in demographic assumptions	21	(7)	49
Changes in financial assumptions	(869)	526	(544)
Experience adjustments	75	139	(32)
Remeasurement gain on the return of schemes' assets, excluding amounts included in interest income	22	325	257
Remeasurement (loss)/gain on net defined benefit obligation	**(751)**	**983**	**(270)**

Amounts recognised in the consolidated balance sheet consist of:

As at 31 March (£ millions)	2021	2020	2019
Present value of unfunded defined benefit obligations	(2)	(2)	(2)
Present value of funded defined benefit obligations	(8,430)	(7,786)	(8,646)
Fair value of schemes' assets	8,045	8,168	7,981
Net retirement benefit obligation	**(387)**	**380**	**(667)**
Presented as non-current asset	-	408	-
Presented as non-current liability	(387)	(28)	(667)

The most recent valuations of the defined benefit schemes for accounting purposes were carried out at 31 March 2021 by a qualified independent actuary. For the UK schemes this is based on membership data as at 31 March 2020 for the JPP & LRPS and 5 April 2018 for the smaller JEPP. The present value of the defined benefit liability, and the related current service cost and past service cost, were measured using the projected unit credit method. The asset valuations are taken from the asset custodian for each scheme together with the balance of the Trustee bank accounts.

In November 2020 the UK government announced that the calculation of RPI would be amended to mirror the calculation of CPIH from 2030 (following its consultation on RPI Reform). As a result, the gap between RPI and CPI has been updated to reflect RPI reform by having a gap of 1% p.a. up to 2030 and no gap thereafter. In addition the inflation risk premium (IRP) has been updated from an IRP of 0.2% p.a. at all terms to an IRP of 0.3% p.a. up to 2030 and 0.5% post 2030, reflecting market conditions at the 31 March 2021 year end.

The impact of the changes to the IRP noted above was to reduce the UK pension liability by c. £250 million, thereby offsetting a proportion of the impact of higher market implied inflation at the 31 March 2021 year end.

The principal assumptions used in accounting for the pension schemes are set out below:

Year ended 31 March	2021	2020	2019
Discount rate	2.1%	2.4%	2.4%
Expected rate of increase in benefit revaluation of covered employees	2.1%	2.0%	2.4%
RPI inflation rate	3.1%	2.6%	3.2%

For the valuation at 31 March 2021, the mortality assumptions used are the Self-Administered Pension Schemes ('SAPS') mortality base table, S2PxA tables ("Light" tables for members of the Jaguar Executive Pension Plan).

- For the Jaguar Pension Plan, scaling factors of 111 per cent to 117 per cent have been used for male members and scaling factors of 101 per cent to 112 per cent have been used for female members.
- For the Land Rover Pension Scheme, scaling factors of 107 per cent to 111 per cent have been used for male members and scaling factors of 101 per cent to 109 per cent have been used for female members.
- For the Jaguar Executive Pension Plan, an average scaling factor of 94 per cent has been used for male members and an average scaling factor of 84 per cent has been used for female members.

For the valuation at 31 March 2020, the mortality assumptions used were the SAPS mortality base table, S2PxA tables ("Light" tables for members of the Jaguar Executive Pension Plan).

- For the Jaguar Pension Plan, scaling factors of 111 per cent to 117 per cent have been used for male members and scaling factors of 101 per cent to 112 per cent have been used for female members.
- For the Land Rover Pension Scheme, scaling factors of 107 per cent to 111 per cent have been used for male members and scaling factors of 101 per cent to 109 per cent have been used for female members.
- For the Jaguar Executive Pension Plan, an average scaling factor of 94 per cent has been used for male members and an average scaling factor of 84 per cent has been used for female members.

For the valuation at 31 March 2019, the mortality assumptions used were the SAPS mortality base table, S2PxA tables ("Light" tables for members of the Jaguar Executive Pension Plan).

- For the Jaguar Pension Plan, scaling factors of 112 per cent to 118 per cent have been used for male members and scaling factors of 101 per cent to 112 per cent have been used for female members.
- For the Land Rover Pension Scheme, scaling factors of 107 per cent to 112 per cent have been used for male members and scaling factors of 101 per cent to 109 per cent have been used for female members.
- For the Jaguar Executive Pension Plan, an average scaling factor of 94 per cent has been used for male members and an average scaling factor of 84 per cent has been used for female members.

For the 2021 year end calculations there is an allowance for future improvements in line with the CMI (2020) projections and an allowance for long-term improvements of 1.25 per cent per annum and a smoothing parameter of 7.5 (2020: CMI (2019) projections with 1.25 per cent per annum improvements and a smoothing parameter of 7.5, 2019: CMI (2018) projections with 1.25 per cent per annum improvements and a smoothing parameter of 7.5).

The assumed life expectancies on retirement at age 65 are:

As at 31 March (years)	2021	2020	2019
Retiring today:			
Males	21.0	21.0	21.0
Females	23.3	23.2	23.2
Retiring in 20 years:			
Males	22.4	22.5	22.4
Females	25.2	25.2	25.1

A past service cost of £9 million has been recognised in the year ended 31 March 2021 following a further High Court ruling, published on 20 November 2020, that provided clarification on the obligations of pension plan trustees to equalise past transfer values allowing for the effect of unequal Guaranteed Minimum Pensions ('GMP') between 17 May 1990 and 5 April 1997 ("GMP equalisation"). The Group had previously recognised a past service cost of £17 million in the year ended 31 March 2019, following the High Court ruling in 2018 in respect of GMP equalisation, and has retained this allowance at 31 March 2021 but adjusted for the passage of time and to reflect the estimated impact of changes in market conditions.

A further past service cost of £7 million was also recognised in the year ended 31 March 2021. This reflects benefit improvements for certain members as part of the Group restructuring programme that commenced in the year ended 31 March 2021.

A past service cost of £4 million was recognised in the year ended 31 March 2020. This reflects benefit improvements for certain members as part of the Group restructuring programme that commenced in the year ended 31 March 2019.

An additional past service cost of £25 million was recognised in the year ended 31 March 2019. This reflects benefit improvements for certain members as part of the Group restructuring programme.

All past service costs are recognised in 'exceptional items' in the consolidated income statement. See note 4 for further information.

The sensitivity analysis below is based on a change in an assumption while holding all other assumptions constant. In practice, this is unlikely to occur, and changes in some of the assumptions may be correlated. When calculating the sensitivity of the defined benefit obligation to significant actuarial assumptions, the same method (present value of the defined benefit obligation calculated with the projected unit credit method at the end of the reporting period) has been applied as when calculating the pension liability recognised within the consolidated balance sheet.

The methods and types of assumptions used in preparing the sensitivity analysis did not change compared to previous periods.

Assumption	Change in assumption	Impact on scheme liabilities	Impact on service cost
Discount rate	Increase/decrease by 0.25%	Decrease/increase by c.£412 million	Decrease/increase by £7 million
Inflation rate	Increase/decrease by 0.25%	Increase/decrease by c.£228 million	Increase/decrease by £4 million
Mortality	Increase/decrease in life expectancy by 1 year	Increase/decrease by c.£299 million	Increase/decrease by £4 million

The fair value of schemes' assets is represented by the following major categories:

As at 31 March (£ millions)	2021				2020				2019			
	Quoted*	Unquoted	Total	%	Quoted*	Unquoted	Total	%	Quoted*	Unquoted	Total	%
Equity instruments												
Information technology	133	-	133	2%	124	-	124	1%	79	-	79	1%
Energy	11	-	11	-	10	-	10	-	34	-	34	1%
Manufacturing	75	-	75	1%	70	-	70	1%	58	-	58	1%
Financials	48	-	48	1%	45	-	45	1%	91	-	91	1%
Other	267	-	267	3%	249	-	249	3%	251	-	251	3%
	534	**-**	**534**	**7%**	**498**	**-**	**498**	**6%**	**513**	**-**	**513**	**7%**
Debt instruments												
Government	1,712	-	1,712	22%	1,944	-	1,944	24%	2,509	-	2,509	31%
Corporate bonds (investment grade)	1,377	206	1,583	20%	1,245	348	1,593	19%	149	1,694	1,843	23%
Corporate bonds (Non investment grade)	94	968	1,062	13%	-	750	750	9%	-	613	613	8%
	3,183	**1,174**	**4,357**	**55%**	**3,189**	**1,098**	**4,287**	**52%**	**2,658**	**2,307**	**4,965**	**62%**
Property funds												
UK	-	303	303	4%	-	273	273	3%	-	244	244	3%
Other	-	201	201	2%	-	239	239	3%	-	229	229	3%
	-	**504**	**504**	**6%**	**-**	**512**	**512**	**6%**	**-**	**473**	**473**	**6%**
Cash and cash equivalents	**265**	**-**	**265**	**3%**	**678**	**-**	**678**	**8%**	**210**	**-**	**210**	**3%**
Other												
Hedge funds	-	496	496	6%	-	475	475	6%	-	310	310	4%
Private markets	-	824	824	10%	-	562	562	7%	4	336	340	4%
Alternatives	57	584	641	8%	-	594	594	7%	16	810	826	10%
	57	**1,904**	**1,961**	**24%**	**-**	**1,631**	**1,631**	**20%**	**20**	**1,456**	**1,476**	**18%**
Derivatives												
Foreign exchange contracts	-	15	15	-	-	(35)	(35)	-	-	16	16	-
Interest rate and inflation swaps	-	361	361	4%	-	545	545	7%	-	328	328	4%
Equity protection derivatives	-	48	48	1%	-	52	52	1%	-	-	-	-
	-	**424**	**424**	**5%**	**-**	**562**	**562**	**8%**	**-**	**344**	**344**	**4%**
Total	**4,039**	**4,006**	**8,045**	**100%**	**4,365**	**3,803**	**8,168**	**100%**	**3,401**	**4,580**	**7,981**	**100%**

*Quoted prices for identical assets or liabilities in active markets.

As at 31 March 2021, the schemes held Gilt Repos. The net value of these transactions is included in the value of government bonds in the table above. The value of the funding obligation for the Repo transactions is £2,057 million at 31 March 2021 (2020: £2,639 million, 2019: £1,528 million).

JLR assigns an accounting level (1,2 or 3) to asset holdings in order to reflect the level of judgement involved in the valuation of an asset. In assigning the level JLR balances consistency between asset holdings, consistency from year to year and manager / other assessments. JLR designates level 1 to custodian accounts, including funds, where managers hold largely liquid assets where an active market in the underlying asset exits, for example developed market equities, Gilts and other sovereign bonds together with investment grade corporate bonds.

Custodian accounts where underlying assets are regularly traded or where comparable assets have traded values are designated level 2, for example derivatives (including net value of swaps) and some property holdings. Assets which are not designated as level 1 or 2 are designated as level 3. Level 1 assets are reported as quoted, level 2 and 3 unquoted. Repo obligations are noted separately.

Private Equity holdings have been measured using the most recent valuations, adjusted for cash and currency movements between the last valuation date and 31 March 2021. Given the movements in listed equity markets, the valuation of Private Equity holdings may vary significantly. The value of the Private Equity holdings in the JLR UK Plans included above is £453 million as at 31 March 2021.

Jaguar Land Rover contributes towards the UK defined benefit schemes. The 5 April 2018 statutory funding valuations were completed in December 2018. As a result of these valuations it is intended to eliminate the pension scheme funding deficits over the 10 years to 31 March 2028. Whilst there is currently an additional liability over the projected benefit obligation, based on current legal advice the Group will not be required to recognise an additional obligation in the future. JLR has taken legal advice considering the documentation of the UK schemes and the regulatory environment. This confirmed the recoverability of any surplus in the scheme and JLR has based its accounting judgement on this advice.

In line with the schedule of contributions agreed following the 2018 statutory funding valuations and amended in April 2020, the current ongoing Group contribution rate for defined benefit accrual is c.21 per cent of pensionable salaries in the UK.

Deficit contributions are paid in line with the schedule of contributions at a rate of £60 million per year until 31 March 2024 followed by £25 million per year until 31 March 2028. Contributions previously due for April, May and June 2020 have been re-spread over the year ended 31 March 2022. This agreement is reflected in an updated Schedule of Contributions dated 29 April 2020.

The average duration of the benefit obligations at 31 March 2021 is 19.0 years (2020: 19.0 years, 2019: 19.0 years).

The expected net periodic pension cost for the year ended 31 March 2022 is expected to be £153 million. The Group expects to pay £246 million to its defined benefit schemes, in total, for the year ended 31 March 2022.

Defined contribution schemes

The Group's contribution to defined contribution schemes for the year ended 31 March 2021 was £86 million (2020: £86 million, 2019: £93 million).

34 Commitments and contingencies

In the normal course of business, the Group faces claims and assertions by various parties. The Group assesses such claims and assertions and monitors the legal environment on an ongoing basis, with the assistance of external legal counsel wherever necessary. The Group records a liability for any claims where a potential loss is probable and capable of being estimated and discloses such matters in its financial statements, if material. For potential losses that are considered possible, but not probable, the Group provides disclosure in the consolidated financial statements but does not record a liability unless the loss becomes probable. Such potential losses may be of an uncertain timing and/or amount.

The following is a description of claims and contingencies where a potential loss is possible, but not probable. Management believes that none of the contingencies described, either individually or in aggregate, would have a material adverse effect on the Group's financial condition, results of operations or cash flows.

As at 31 March (£ millions)	2021	2020	2019
Litigation and product related matters	23	40	17
Other taxes and duties	50	44	41
Commitments:			
• Plant and equipment	862	1,217	1,054
• Intangible assets	16	14	20
• Other	270	376	222
Pledged as collateral/security against the borrowings and commitments:			
• Inventory	138	127	-
• Trade receivables	19	-	114
• Property, plant and equipment	-	-	-
• Other financial assets	13	-	-

Litigation and product related matters

The Group is involved in legal proceedings, both as plaintiff and as defendant. There are claims and potential claims against the Group which management has not recognised, as settlement is not considered probable. These claims and potential claims pertain to motor accident claims, consumer complaints, employment and dealership arrangements, replacement of parts of vehicles and/or compensation for deficiency in the services by the Group or its dealers.

The Group has provided for the estimated cost of repair following the passenger safety airbag issue in the United States, China, Canada, Korea, Taiwan, Australia and Japan. The Group recognises that there is a potential risk of further recalls in the future; however, the Group is unable at this point in time to reliably estimate the amount and timing of any potential future costs associated with this warranty issue.

Other taxes and duties

Contingencies and commitments include tax contingent liabilities which mainly relate to tax audits and tax litigation claims.

Commitments

The Group has entered into various contracts with vendors and contractors for the acquisition of plant and equipment and various civil contracts of capital nature and the acquisition of intangible assets. Commitments and contingencies also includes other contingent liabilities, the timing of any outflow will vary as and when claims are received and settled, which is not known with certainty.

The remaining financial commitments, in particular the purchase commitments and guarantees, are of a magnitude typical for the industry.

Joint venture

Stipulated within the joint venture agreement for Chery Jaguar Land Rover Automotive Company Ltd, and subsequently amended by a change to the Articles of Association of Chery Jaguar Land Rover Automotive Company Ltd. is a commitment for the Group to contribute a total of CNY 5,000 million of capital. Of this amount, CNY 3,475 million has been contributed as at 31 March 2021. The outstanding commitment of CNY 1,525 million translates to £169 million at the 31 March 2021 exchange rate.

The Group's share of capital commitments of its joint venture at 31 March 2021 is £42 million (2020: £69 million, 2019: £151 million) and contingent liabilities of its joint venture 31 March 2021 is £nil (2020: £nil, 2019: £nil).

35 Capital management

The Group's objectives when managing capital are to ensure the going concern operation of all subsidiary companies within the Group and to maintain an efficient capital structure to support ongoing and future operations of the Group and to meet shareholder expectations.

The Group issues debt, primarily in the form of bonds, to meet anticipated funding requirements and maintain sufficient liquidity. The Group also maintains certain undrawn committed credit facilities to provide additional liquidity. These borrowings, together with cash generated from operations, are loaned internally or contributed as equity to certain subsidiaries as required. Surplus cash in subsidiaries is pooled (where practicable) and invested to satisfy security, liquidity and yield requirements.

The capital structure and funding requirements are regularly monitored by the JLR plc Board to ensure sufficient liquidity is maintained by the Group. All debt issuance and capital distributions are approved by the JLR plc Board.

As at 31 March (£ millions)	2021	2020	2019
Short-term debt	1,271	599	884
Long-term debt	5,426	5,285	3,627
Total debt*	**6,697**	**5,884**	**4,511**
Equity attributable to shareholders	5,254	6,548	5,973
Total capital	**11,951**	**12,432**	**10,484**

*Total debt includes lease obligations of £519 million (2020: £541 million, 2019: £31 million)

36 Financial instruments

This section gives an overview of the significance of financial instruments for the Group and provides additional information on balance sheet items that contain financial instruments.

The details of significant accounting policies, including the criteria for recognition, the basis of measurement and the basis on which income and expenses are recognised, in respect of each class of financial asset, financial liability and equity instrument, are disclosed in note 2.

(A) Financial assets and liabilities

The following table shows the carrying amount and fair value of each category of financial assets and liabilities as at 31 March 2021:

(£ millions)	Amortised cost	Fair Value Through Profit and Loss: Financial assets	Fair Value Through Profit and Loss: Derivatives other than in hedging relationship	Fair Value Through Profit and Loss: Derivatives in hedging relations-hip	Total carrying value	Total fair value
Cash and cash equivalents	3,778	-	-	-	3,778	3,778
Short-term deposits and other investments	1,004	-	-	-	1,004	1,004
Trade receivables	863	-	-	-	863	863
Investments	-	22	-	-	22	22
Other financial assets - current	196	-	73	208	477	477
Other financial assets - non-current	92	-	42	207	341	341
Total financial assets	**5,933**	**22**	**115**	**415**	**6,485**	**6,485**
Accounts payable	6,308	-	-	-	6,308	6,308
Short-term borrowings	1,206	-	-	-	1,206	1,217
Long-term borrowings*	4,972	-	-	-	4,972	5,136
Other financial liabilities - current	508	-	67	171	746	746
Other financial liabilities - non-current	456	-	65	104	625	688
Total financial liabilities	**13,450**	**-**	**132**	**275**	**13,857**	**14,095**

* Included in the long-term borrowings shown in other financial liabilities is £784 million that is designated as the hedged item in a fair value hedge relationship. Included within this figure is £1 million of fair value adjustments as a result of the hedge relationship.

The following table shows the carrying amount and fair value of each category of financial assets and liabilities as at 31 March 2020:

(£ millions)	Amortised cost	Fair Value Through Profit and Loss: Financial assets	Fair Value Through Profit and Loss: Derivatives other than in hedging relationship	Fair Value Through Profit and Loss: Derivatives in hedging relations-hip	Total carrying value	Total fair value
Cash and cash equivalents	2,271	-	-	-	2,271	2,271
Short-term deposits and other investments	1,393	-	-	-	1,393	1,393
Trade receivables	833	-	-	-	833	833
Investments	-	37	-	-	37	37
Other financial assets - current	142	-	153	88	383	383
Other financial assets - non-current	115	-	9	133	257	257
Total financial assets	**4,754**	**37**	**162**	**221**	**5,174**	**5,174**
Accounts payable	6,499	-	-	-	6,499	6,499
Short-term borrowings	526	-	-	-	526	512
Long-term borrowings*	4,817	-	-	-	4,817	3,859
Other financial liabilities - current	620	-	204	249	1,073	1,073
Other financial liabilities - non-current	468	-	48	262	778	778
Total financial liabilities	**12,930**	**-**	**252**	**511**	**13,693**	**12,721**

* Included in the long-term borrowings shown in other financial liabilities is £891 million that is designated as the hedged item in a fair value hedge relationship. Included within this figure is £45 million of fair value adjustments as a result of the hedge relationship.

The following table shows the carrying amount and fair value of each category of financial assets and liabilities as at 31 March 2019:

(£ millions)	Amortised cost	Fair Value Through Profit and Loss: Financial assets	Fair Value Through Profit and Loss: Derivatives other than in hedging relationship	Fair Value Through Profit and Loss: Derivatives in hedging relations-hip	Total carrying value	Total fair value
Cash and cash equivalents	2,747	-	-	-	2,747	2,747
Short-term deposits and other investments	1,028	-	-	-	1,028	1,028
Trade receivables	1,362	-	-	-	1,362	1,362
Investmentsw	-	69	-	-	69	69
Other financial assets - current	181	-	31	102	314	314
Other financial assets - non-current	116	-	11	43	170	170
Total financial assets	**5,434**	**69**	**42**	**145**	**5,690**	**5,690**
Accounts payable	7,083	-	-	-	7,083	7,083
Short-term borrowings*	881	-	-	-	881	877
Long-term borrowings**	3,599	-	-	-	3,599	3,245
Other financial liabilities - current	519	-	97	426	1,042	1,042
Other financial liabilities - non-current	29	-	15	266	310	310
Total financial liabilities	**12,111**	**-**	**112**	**692**	**12,915**	**12,557**

* Included within short-term borrowings shown in other financial liabilities are foreign currency denominated borrowings totalling £768 million designated as the hedging instrument in a cash flow hedge against forecast revenue.
**Included in the long-term borrowings shown in other financial liabilities is £813 million that is designated as the hedged item in a fair value hedge relationship. Included within this figure is £5 million of fair value adjustments as a result of the hedge relationship.

Offsetting

Certain financial assets and financial liabilities are subject to offsetting where there is currently a legally enforceable right to set off recognised amounts and the Group intends to either settle on a net basis or to realise the asset and settle the liability simultaneously.

Derivative financial assets and financial liabilities are subject to master netting arrangements whereby in the case of insolvency, derivative financial assets and financial liabilities can be settled on a net basis.

The following table discloses the amounts that have been offset in arriving at the consolidated balance sheet presentation and the amounts that are available for offset only under certain conditions as at 31 March 2021:

				Amounts subject to a master netting arrangement		
£ millions	Gross amount recognised	Gross amount of recognised set off in the balance sheet	Net amount presented in the balance sheet	Financial instruments	Cash collateral (received) / pledged	Net amount after offsetting
Financial assets						
Derivative financial assets	530	-	530	(362)	-	168
Cash and cash equivalents	3,995	(217)	3,778	-	-	3,778
	4,525	**(217)**	**4,308**	**(362)**	**-**	**3,946**
Financial liabilities						
Derivative financial liabilities	407	-	407	(362)	-	45
Short-term borrowings	1,423	(217)	1,206	-	-	1,206
	1,830	**(217)**	**1,613**	**(362)**	**-**	**1,251**

The following table discloses the amounts that have been offset in arriving at the consolidated balance sheet presentation and the amounts that are available for offset only under certain conditions as at 31 March 2020:

				Amounts subject to a master netting arrangement		
£ millions	Gross amount recognised	Gross amount of recognised set off in the balance sheet	Net amount presented in the balance sheet	Financial instruments	Cash collateral (received) / pledged	Net amount after offsetting
Financial assets						
Derivative financial assets	383	-	383	(377)	-	6
Cash and cash equivalents	2,981	(710)	2,271	-	-	2,271
	3,364	**(710)**	**2,654**	**(377)**	**-**	**2,277**
Financial liabilities						
Derivative financial liabilities	763	-	763	(377)	-	386
Short-term borrowings	1,236	(710)	526	-	-	526
	1,999	**(710)**	**1,289**	**(377)**	**-**	**912**

The following table discloses the amounts that have been offset in arriving at the consolidated balance sheet presentation and the amounts that are available for offset only under certain conditions as at 31 March 2019:

				Amounts subject to a master netting arrangement		
£ millions	Gross amount recognised	Gross amount of recognised set off in the balance sheet	Net amount presented in the balance sheet	Financial instruments	Cash collateral (received) / pledged	Net amount after offsetting
Financial assets						
Derivative financial assets	187	-	187	(187)	-	-
Cash and cash equivalents	3,175	(428)	2,747	-	-	2,747
	3,362	**(428)**	**2,934**	**(187)**	**-**	**2,747**
Financial liabilities						
Derivative financial liabilities	804	-	804	(187)	-	617
Short-term borrowings	1,309	(428)	881	-	-	881
	2,113	**(428)**	**1,685**	**(187)**	**-**	**1,498**

Fair value hierarchy

Financial instruments held at fair value are required to be measured by reference to the following levels:

- Quoted prices in an active market (Level 1): this level of hierarchy includes financial instruments that are measured by reference to quoted prices (unadjusted) in active markets for identical assets or liabilities;
- Valuation techniques with observable inputs (Level 2): this level of hierarchy includes financial assets and liabilities measured using inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly (i.e. as prices) or indirectly (i.e. derived from prices); and
- Valuation techniques with significant unobservable inputs (Level 3): this level of hierarchy includes financial assets and liabilities measured using inputs that are not based on observable market data (unobservable inputs). Fair values are determined in whole or in part using a valuation model based on assumptions that are neither supported by prices from observable current market transactions in the same instrument nor based on available market data.

Of the financial assets held at 31 March 2021 and classified as Level 3, 94 per cent (2020: 93 per cent, 2019: 91 per cent) were valued using recent transaction values and 6 per cent (2020: 7 per cent, 2019: 9 per cent) were valued using an alternative technique.

Recent transaction values

The pricing of recent investment transactions is the main input of valuations performed by the Group. The Group's policy is to use observable market data where possible for its valuations and, in the absence of portfolio company earnings or revenue to compare, or of relevant comparable businesses' data, recent transaction prices represent the most reliable observable inputs.

Alternative valuation methodologies

Alternative valuation methodologies are used by the Group for reasons specific to individual assets. At 31 March 2021, the alternative technique used was net asset value, representing 100 per cent of alternatively valued assets.

There has been no change in the valuation techniques adopted in either current or prior financial years as presented. There were no transfers between fair value levels in the years ended 31 March 2021 and 2020. In the year ended 31 March 2019, the investment in Lyft, Inc. (note 17) transferred from Level 3 to Level 1 as a result of the Lyft, Inc. initial public offering on 29 March 2019.

The financial instruments that are measured subsequent to initial recognition at fair value are classified as Level 2 fair value measurements, as defined by IFRS 13, being those derived from inputs other than quoted prices that are observable. These valuation techniques maximise the use of observable market data where it is available and rely as little as possible on entity-specific estimates. Fair values of forward derivative financial assets and liabilities are estimated by discounting expected future contractual cash flows using prevailing market interest rate curves from Reuters. Commodity swap contracts are similarly fair valued by discounting expected future contractual cash flows. Option contracts on foreign currency are entered into on a zero cost collar basis and fair value estimates are calculated from standard Black-Scholes options pricing methodology, using prevailing market interest rates and volatilities. The estimate of fair values for cross-currency swaps is calculated using discounted estimated future cash flows. Estimates of the future floating-rate cash flows are based on quoted swap rates, future prices and interbank borrowing rates ("LIBOR").

Additionally, a credit valuation adjustment/debit value adjustment is taken on derivative financial assets and liabilities and is calculated by discounting the fair value gain or loss on the financial derivative using credit default swap ("CDS") prices quoted for the counterparty or Jaguar Land Rover respectively. CDS prices are obtained from Reuters.

The long-term borrowings are held at amortised cost. The fair value of the listed debt for disclosure purposes is determined using Level 1 valuation techniques, based on the closing price as at 31 March 2021 on the Luxembourg Stock Exchange multilateral trading facility ("EURO MTF") market, for unsecured listed bonds. For bank loans, Level 2 valuation techniques are used.

Fair values of cash and cash equivalents, short-term deposits, trade receivables and payables, and other financial assets and liabilities (current and non-current excluding derivatives) are assumed to approximate to cost due to the short-term maturing of the instruments and as the impact of discounting is not significant.

Other investments that are not equity accounted for are recognised at fair value. Where there is an active quoted market, the fair value is determined using Level 1 valuation techniques, based on the closing price at year end. The valuation as at 31 March 2021 is £nil (2020: £17 million, 2019: £46 million). Where there is no active quoted market, the fair values have been determined using Level 3 valuation techniques and the closing valuation as at 31 March 2021 is £22 million (2020: £20 million, 2019: £23 million). The fair value loss recognised in the consolidated income statement for Level 3 investments for the year ended 31 March 2021 is £2 million (2020: loss of £1 million, 2019: gain of £2 million.

Management uses its best judgement in estimating the fair value of its financial instruments. However, there are inherent limitations in any estimation technique. Therefore, for substantially all financial instruments, the fair value estimates presented above are not necessarily indicative of all the amounts that the Group could have realised in a sales transaction as of the respective dates. The estimated fair value amounts as at 31 March 2021, 2020 and 2019 have been measured as at the respective dates. As such, the fair values of these financial instruments subsequent to the respective reporting dates may be different from the amounts reported at each year end.

(B) Financial risk management

The Group is exposed to foreign currency exchange rate, commodity price, interest rate, liquidity and credit risks. The Group has a risk management framework in place, which monitors all of these risks as discussed below. This framework is approved by the JLR plc Board.

Foreign currency exchange rate risk

The fluctuation in foreign currency exchange rates may have a potential impact on the consolidated income statement, the consolidated statement of comprehensive income, the consolidated balance sheet, the consolidated statement of changes in equity and the consolidated cash flow statement, where any transaction references more than one currency or where assets/liabilities are denominated in a currency other than the functional currency of the respective consolidated entities.

Considering the countries and economic environment in which the Group operates, its operations are subject to risks arising from fluctuations in exchange rates in those countries. The risks primarily relate to fluctuations in US Dollar, Chinese Yuan and Euro against the functional currency of the Company and its subsidiaries.

Foreign exchange risk on future transactions is mitigated through the use of derivative contracts. The Group is also exposed to fluctuations in exchange rates that impact the valuation of foreign currency denominated assets and liabilities of its National Sales Companies and also foreign currency denominated balances on the Group's consolidated balance sheet at each reporting period end. In addition to the derivatives designated in hedging relationships as detailed in section (C), the Group enters into foreign currency contracts as economic hedges of recognised foreign currency debt.

The following table sets forth information relating to foreign currency exposure as at 31 March 2021:

As at 31 March 2021 (£ millions)	US Dollar	Chinese Yuan	Euro	Others
Financial assets	1,726	342	1,118	311
Financial liabilities	(3,267)	(1,192)	(4,259)	(349)
Net exposure liability	**(1,541)**	**(850)**	**(3,141)**	**(38)**
A10% appreciation/depreciation of the currency would result in additional gain/(loss):				
Impact on net income before tax for financial assets	173/(173)	34/(34)	111/(111)	n/a
Impact on net income before tax for financial liabilities	(327)/327	(119)/119	(426)/426	n/a
Impact on other comprehensive income for financial liabilities	-	-	-	n/a

The following table sets forth information relating to foreign currency exposure as at 31 March 2020:

As at 31 March 2020 (£ millions)	US Dollar	Chinese Yuan	Euro	Others
Financial assets	1,785	484	1,205	409
Financial liabilities	(2,791)	(523)	(4,312)	(412)
Net exposure liability	**(1,006)**	**(39)**	**(3,107)**	**(3)**
A 10% appreciation/depreciation of the currency would result in additional gain/(loss):				
Impact on net income before tax for financial assets	178/(178)	48/(48)	120/(120)	n/a
Impact on net income before tax for financial liabilities	(279)/279	(52)/52	(431)/431	n/a
Impact on other comprehensive income for financial liabilities	-	-	-	n/a

The following table sets forth information relating to foreign currency exposure as at 31 March 2019:

As at 31 March 2019 (£ millions)	US Dollar	Chinese Yuan	Euro	Others
Financial assets	2,383	219	1,377	327
Financial liabilities	(3,349)	(424)	(3,524)	(385)
Net exposure liability	**(966)**	**(205)**	**(2,147)**	**(58)**
A 10% appreciation/depreciation of the currency would result in additional gain/(loss):				
Impact on net income before tax for financial assets	238/(238)	22/(22)	138/(138)	n/a
Impact on net income before tax for financial liabilites	(314)/314	(43)/43	(353)/353	n/a
Impact on other comprehensive income for financial liabilities	(21)/21	-	-	n/a

Commodity price risk

The Group is exposed to commodity price risk arising from the purchase of certain raw materials such as aluminium, copper, platinum and palladium. This risk is mitigated through the use of derivative contracts and fixed-price contracts with suppliers. The derivative contracts are not hedge accounted and are measured at fair value through profit or loss.

The total fair value gain on commodities of £137 million (2020: loss of £74 million, 2019: gain of £9 million) has been recognised in "Foreign exchange gain/(loss) and fair value adjustments" in the consolidated income statement. The amounts reported do not reflect the purchasing benefits received by the Group (which are included within "Material and other cost of sales").

A 10 per cent appreciation/depreciation of all commodity prices underlying such contracts would have resulted in a gain/loss of £41 million (2020: £49 million, 2019: £53 million).

Interest rate risk

Interest rate risk is the risk that changes in market interest rates will lead to changes in interest income and expense for the Group.

In addition to issuing long-term fixed-rate bonds, the Group has other facilities in place that are primarily used to finance working capital and are subject to variable interest rates. When undertaking a new debt issuance, the JLR plc Board will consider the fixed/floating interest rate mix of the Group, the outlook for future interest rates and the appetite for certainty of funding costs.

The Group uses cross-currency interest rate saps to convert some of its issued debt from foreign currency denominated fixed-rate debt to GBP floating-rate debt. The derivative instruments and the foreign currency fixed-rate debt may be designated in a hedging relationship.

As at 31 March 2021, short-term borrowings of £253 million (2020: £225 million, 2019: £114 million) and long-term borrowings of £1,037 million (2020: £1,260 million, 2019: £768 million) were subject to a variable interest rate. An increase/ decrease of 100 basis points in interest rates at the balance sheet date would result in an impact of £13 million (2020: £15 million, 2019: £9 million) in the consolidated income statement and £nil (2020, 2019: £nil) in other comprehensive income.

The risk estimates provided assume a parallel shift of 100 basis points in interest rates across all yield curves. This calculation also assumes that the change occurs at the balance sheet date and has been calculated based on risk exposures outstanding as at that date. The year-end balances are not necessarily representative of the average debt outstanding during the year.

The Group's sensitivity to interest rates has reduced during the current year mainly due to the decrease in variable rate debt instruments.

Liquidity risk

Liquidity risk is the risk that the Group will not be able to meet its financial obligations as they fall due.

The Group's policy on liquidity risk is to maintain sufficient liquidity in the form of cash and undrawn borrowing facilities to meet the Group's operating requirements with an appropriate level of headroom.

The following are the undiscounted contractual maturities of financial liabilities, including estimated interest payments:

As at 31 March 2021 (£ millions)	Carrying amount	Contractual cash flows	1 year or less	1 to <2 years	2 to <5 years	5 years and over
Financial liabilities						
Accounts payable	6,308	6,308	6,308	-	-	-
Long-term borrowings and interest thereon	4,972	6,075	230	1,265	3,198	1,382
Short-term borrowings and interest thereon	1,206	1,239	1,239	-	-	-
Lease obligations	519	840	103	85	201	451
Other financial liabilities	445	390	383	7	-	-
Derivative financial instruments	407	461	255	115	91	-
Total contractual maturities	**13,857**	**15,313**	**8,518**	**1,472**	**3,490**	**1,833**

As at 31 March 2020 (£ millions)	Carrying amount	Contractual cash flows	1 year or less	1 to <2 years	2 to <5 years	5 years and over
Financial liabilities						
Accounts payable	6,499	6,499	6,499	-	-	-
Long-term borrowings and interest thereon	4,817	5,828	218	739	3,430	1,441
Short-term borrowings and interest thereon	526	536	536	-	-	-
Lease obligations	541	903	112	90	208	493
Other financial liabilities	547	513	498	11	4	-
Derivative financial instruments	763	894	491	272	131	-
Total contractual maturities	**13,693**	**15,173**	**8,354**	**1,112**	**3,773**	**1,934**

As at 31 March 2019 (£ millions)	Carrying amount	Contractual cash flows	1 year or less	1 to <2 years	2 to <5 years	5 years and over
Financial liabilities						
Accounts payable	7,083	7,083	7,083	-	-	-
Long-term borrowings and interest thereon	3,599	5,186	946	449	2,232	1,559
Short-term borrowings and interest thereon	881	881	881	-	-	-
Finance lease obligations	31	62	7	7	15	33
Other financial liabilities	517	554	527	12	15	-
Derivative financial instruments	804	1,076	592	313	144	27
Total contractual maturities	**12,915**	**14,842**	**10,036**	**781**	**2,406**	**1,619**

Credit risk

Credit risk is the risk of financial loss to the Group if a counterparty to a financial instrument fails to meet its contractual obligation. The majority of the Group's credit risk pertains to the risk of financial loss arising from counterparty default on cash investments.

The carrying amount of financial assets represents the maximum credit exposure. None of the financial instruments of the Group result in material concentrations of credit risks.

All Group cash is invested according to strict credit criteria and actively monitored by Group Treasury in conjunction with the current market valuation of derivative contracts. To support this, the JLR plc Board has implemented an investment policy that places limits on the maximum cash investment that can be made with any single counterparty depending on their published external credit rating.

To a lesser extent the Group has an exposure to counterparties on trade receivables and other financial assets. The Group seeks to mitigate credit risk on sales to third parties through the use of payment at the point of delivery, credit limits, credit insurance and letters of credit from banks that meet internal rating criteria.

Financial assets

None of the Group's cash equivalents, including term deposits with banks, are past due or impaired. Regarding other financial assets that are neither past due nor impaired, there were no indications as at 31 March 2021 (2020 and 2019: no indications) that defaults in payment obligations will occur.

The Group has reviewed trade and other receivables not yet due and not impaired and no material issues have been identified.

Trade and other receivables past due and impaired are set out below:

As at 31 March (£ millions)	2021 Gross	2021 impairment	2021 Net carrying value	2020 Gross	2020 mpairment	2020 Net carrying value	2019 Gross	2019 mpairment	2019 Net carrying value
Not yet due	747	(2)	745	675	(2)	673	1,190	(1)	1,189
Overdue <3 months	88	-	88	141	(1)	140	173	-	173
Overdue 3-6 months	10	-	10	10	(1)	9	3	-	3
Overdue >6 months	25	(5)	20	18	(7)	11	14	(11)	3
Total	**870**	**(7)**	**863**	**844**	**(11)**	**833**	**1,380**	**(12)**	**1,368**

Included within trade receivables is £19 million (2020: £nil, 2019: £114 million) of receivables that are part of a debt factoring arrangement. These assets do not qualify for de-recognition due to the recourse arrangements in place. The related liability of £19 million (2020: £nil, 2019: £114 million) is in short-term borrowings. Both the asset and associated liability are classified as amortised cost.

Off-balance sheet financial arrangements

At the end of FY21, Jaguar Land Rover Limited (a subsidiary of the Company) had sold £278 million equivalent of trade receivables under its debt factoring facility, which was renewed during the year ended 31 March 2021 to a $500 million facility expiring March 2023.

(C) Derivatives and hedge accounting

The Group's operations give rise to revenue, raw material purchases and borrowings in currencies other than the Group's presentation currency of GBP. The Group forecasts these transactions over the medium term and enters into derivative contracts to mitigate the resulting foreign currency exchange risk, interest rate risk and commodity price risk. The Group's risk management strategy allows for hedge accounting when the derivatives meet the hedge accounting criteria as set out in IFRS 9 as well as the Group's risk management objectives.

Commodity derivatives are not hedge accounted. Foreign currency forward contracts, foreign currency options and foreign currency denominated borrowings may be designated as hedging instruments in a cash flow hedge relationship against forecast foreign currency transactions to mitigate foreign currency exchange risk associated with those transactions.

In addition, the Group uses cross-currency interest rate swaps to hedge its foreign currency exchange risk associated with recognised borrowings. These instruments may be designated in both cash flow and fair value hedging relationships, or may be economic hedges of debt. The Group also manages foreign exchange risk on recognised borrowings using FX swaps. The Group utilises FX spot & FX swap contracts to manage operational requirements.

The gain/(loss) on the derivatives that are not designated in hedging relationships, whose fair value movements are recognised in 'Foreign exchange gain/(loss) and fair value adjustments' in the consolidated income statement, is as follows:

Year ended 31 March (£ millions)	2021	2020	2019
Commodity derivative contracts	137	(74)	9
Foreign currency derivative contracts	(77)	27	(18)
Interest rate derivative contracts	(47)	-	-
Total	**13**	**(47)**	**(9)**

In all cases the Group uses a hedge ratio of 1:1. The critical terms of the derivative contracts are aligned with those of the hedged item. The Group allows a maximum hedging term of five years for forecast transactions. The Group's risk management policy allows for decreasing levels of hedging as the forecasting horizon increases.

A 10 per cent depreciation/appreciation in Sterling against the foreign currency underlying contracts within the Group's derivative portfolio that are sensitive to changes in foreign exchange rates (including the impact to the fair value adjustment of foreign currency borrowings designated as the hedged item in a fair value hedge relationship) would have resulted in the approximate additional (loss)/gain shown in the table on the following page:

As at 31 March (£ millions)	2021	2020	2019
10% depreciation in Sterling against the foreign currency:			
In other comprehensive income	(571)	(547)	(273)
In the consolidated income statement	299	64	109
10% appreciation in Sterling against the foreign currency:			
In other comprehensive income	480	554	244
In the consolidated income statement	(231)	(36)	(75)

The following table sets out the change in the Group's exposure to interest rate risk as a result of hedge accounted cross-currency interest rate swaps:

	Foreign currency receivable average interest rate			Reporting currency payable average interest rate		
	%	%	%	%	%	%
Outstanding contracts	2021	2020	2019	2021	2020	2019
Cross currency interest rate swaps						
< 1 year	-	-	-	-	-	-
Between 1-5 years	-	-	-	-	-	-
>5 years	4.500	4.500	4.500	LIBOR + 3.235	LIBOR + 3.235	LIBOR + 3.235

The following table shows the impact that would result from interest rate derivatives and any related hedging relationships given an increase/decrease of 100 basis points in interest rates at the balance sheet date:

As at 31 March (£ millions)	2021	2020	2019
100 basis points depreciation in interest rates			
In the consolidated income statement	(1)	(7)	(5)
100 basis points appreciation in interest rates			
In the consolidated income statement	1	4	19

Cash Flow Hedges

The Group uses foreign currency options, foreign currency forward contracts and recognised foreign currency borrowings as the hedging instrument in cash flow hedge relationships of hedged sales and purchases. The time value of options and the foreign currency basis spread of foreign exchange forward contracts are excluded from the hedge relationship and are recognised in other comprehensive income as a cost of hedging to the extent they relate to the hedged item (the aligned value). Additionally, the Group uses cross-currency interest rate swaps as the hedging instrument of the foreign exchange risk of recognised foreign currency borrowings.

Changes in the fair value of foreign currency contracts, to the extent determined to be an effective cash flow hedge, are recognised in the consolidated statement of comprehensive income, and the ineffective portion of the fair value change is recognised in the consolidated income statement. There is not generally expected to be significant ineffectiveness from cash flow hedges.

It is anticipated that the hedged sales will take place over the next one to five years, at which time the amount deferred in equity will be reclassified to revenue in the consolidated income statement.

It is anticipated that the hedged purchases will take place over the next one to five years, at which time the amount deferred in equity will be included in the carrying amount of the raw materials. On sale of the finished product, the amount previously deferred in equity and subsequently recognised in inventory will be reclassified to material and other cost of sales in the consolidated income statement.

The foreign currency borrowings designated as the hedged item mature in January 2026 and October 2027, at which time the amount deferred in equity will be reclassified to the consolidated income statement.

The table below sets out the timing profile of the hedge accounted derivatives:

As at 31 March	Average strike rate			Nominal amounts			Carrying value assets / (liabilities)		
Outstanding contracts	2021	2020	2019	2021	2020	2019	2021	2020	2019
				£m	£m	£m	£m	£m	£m
Cash flow hedges of foreign exchange risk on forecast transactions Derivative instruments									
Sell - USD									
<1 year	0.7596	0.7229	0.6756	2,833	1,766	1,584	136	(157)	(187)
Between 1-5 years	0.7654	0.7649	0.6989	3,096	5,098	1,945	172	(190)	(114)
Sell - Chinese Yuan									
<1 year	0.1098	0.1086	0.1054	1,647	1,601	2,132	12	(59)	(153)
Between 1-5 years	0.1088	0.1096	0.1075	629	1,189	1,299	11	(20)	(43)
Buy - Euro									
<1 year	0.9069	0.9109	0.8823	2,695	2,635	3,609	(136)	1	14
Between 1-5 years	0.9010	0.9101	0.9192	1,899	3,384	4,030	(81)	(17)	(73)
Other currencies									
<1 year				1,145	905	1,800	24	55	2
Between 1-5 years				846	1,238	882	7	39	11
Debt instruments denominated in foreign currency									
USD									
< 1 year	-	-	0.7358	-	-	736	-	-	(768)
Between 1-5 years	-	-	-	-	-	-	-	-	-
Total cash flow hedges of foreign exchange risk on forecast transactions				**14,790**	**17,816**	**18,017**	**145**	**(348)**	**(1,311)**
Hedges of foreign exchange risk on recognised debt									
Cross currency interest rate swaps									
USD									
< 1 year	-	-	-	-	-	-	-	-	-
Between 1-5 years	-	-	-	-	-	-	-	-	-
>5 years	0.7592	0.7592	0.7592	380	380	380	7	57	11
EUR									
< 1 year	-	-	-	-	-	-	-	-	-
Between 1-5 years	-	-	-	-	-	-	-	-	-
>5 years	0.8912	0.8912	0.8912	446	446	446	(14)	3	(15)
Total cash flow hedges of foreign exchange risk on recognised debt				**826**	**826**	**826**	**(7)**	**60**	**(4)**

The USD debt instrument used as a hedging instrument is shown in the less than one year category in the year ended 31 March 2019 above as the instrument itself matured within one year of 31 March 2019. The amounts hedging revenue between one and five years are £nil (2020: £nil, 2019: £359 million).

The line items in the consolidated balance sheet that include the above derivative instruments are "Other financial assets" and "Other financial liabilities". The USD denominated debt designated as a hedging instrument was included in "Borrowings".

The following table sets out the effect of the Group's cash flow hedges on the financial performance of the Group:

Year ended 31 March (£ millions)	2021	2020	2019
Fair value gain/(loss) of foreign currency derivative contracts recognised in hedging reserves	446	(254)	(887)
Fair value loss of foreign currency borrowings recognised in cash flow hedging reserve	-	(7)	(103)
Fair value (loss)/gain of derivatives hedging foreign currency borrowings recognised in hedging reserves	(9)	2	4
Gain/(loss) recognised in other comprehensive income in the year	**437**	**(259)**	**(986)**
Loss reclassified from cash flow hedging reserve and recognised in 'Revenue' in the income statement	(112)	(565)	(870)
Gain/(loss) reclassified from cash flow hedging reserve and recognised in Foreign exchange gain/(loss) and fair value adjustments' in the income statement on account of forecast transactions no longer expected to occur	3	-	(12)
Gain reclassified from cost of hedging reserve and recognised in Foreign exchange gain/(loss) and fair value adjustments' in the income statement on account of forecast transactions no longer expected to occur	-	2	1
Loss reclassified to profit and loss in the year	**(109)**	**(563)**	**(881)**
Net change in the hedged item used for assessing hedge effectiveness	534	172	(202)
(Loss)/gain on derivatives not hedge accounted, recognised in 'Foreign exchange gain/(loss) and fair value adjustments' in the income statement	(77)	27	(18)

Fair value hedges

The Group uses cross-currency interest rate swaps as the hedging instrument in a fair value hedge of foreign exchange and interest rate risks of foreign currency denominated debt. The derivatives convert foreign currency USD fixed-rate borrowings to GBP floating-rate debt.

Changes in the fair value of foreign currency contracts that are designated in fair value hedging relationships are recognised in the consolidated income statement. Changes in the fair value of the underlying hedged item (long-term borrowings) for the hedged risks are recognised in the same income statement line.

The fair value of the cross-currency interest rate swaps, included in "Derivatives in hedging relationship" in section (A), are as follows:

As at 31 March (£ millions)	2021	2020	2019
Other financial assets - current	-	-	-
Other financial assets - non-current	7	60	11
Total financial assets	**7**	**60**	**11**
Other financial liabilities - current	-	-	-
Other financial liabilities - non-current	14	-	15
Total financial liabilities	**14**	**-**	**15**

The following amounts have been recognised in relation to fair value hedges in the consolidated income statement in the years ended 31 March 2021, 2020 and 2019:

Year ended 31 March (£ millions)	2021	2020	2019
Net gain/(loss) in the hedged item used for assessing hedge effectiveness, taken to the consolidated income statement in 'Foreign exchange gain/(loss) and fair value adjustments'	108	(78)	(29)
Fair value changes in the derivative instruments used in assessing hedge effectiveness, taken to the consolidated income statement in 'Foreign exchange gain/(loss) and fair value adjustments'	(58)	61	22
Ineffectiveness recognised in the consolidated income statement in 'Foreign exchange gain/(loss) and fair value adjustments'	**50**	**(17)**	**(7)**

37 Leases

The Group leases a number of buildings, plant and equipment, IT hardware and software assets, certain of which have a renewal and/or purchase options in the normal course of the business. Extension and termination options are included in a number of leases across the Group. These are used to maximise operational flexibility in terms of managing the assets used in the Group's operation. The majority of extension and termination options held are exercisable only by the Group and not by the respective lessor. The Group assesses at lease commencement whether it is reasonably certain to exercise the extension or termination option. The Group re-assesses whether it is reasonably certain to exercise options if there is a significant event or significant change in circumstances within its control. The Group's leases mature between 2021 and 2048.

Some of the leases are short-term and/or low-value items. The Group has elected not to recognise right-of-use assets and lease liabilities for these leases.

There are no leases with residual value guarantees.

The Group has applied IFRS 16 from 1 April 2019 using the modified retrospective method, meaning the comparative information for the year ended 31 March 2019 has not been restated. As a result, the comparative information provided below for this period continues to be accounted for in accordance with the Group's previous lease accounting policy under IAS 17 Leases.

In the year ending 31 March 2021, the Group has applied the practical expedient to not assess whether rent concessions occurring as a direct consequence of the COVID-19 pandemic that meet the qualifying criteria are lease modifications.

Leases as a lessee

Information about leases for which the Group is a lessee is presented below.

Right-of-use assets

£ millions	Land and buildings	Computers	Plant and equipment	Vehicles	Fixtures and fittings	Other	Total
Closing balance at 31 March 2021	475	6	45	3	12	2	**543**
Closing balance at 31 March 2020	483	7	56	6	13	3	**568**
Opening balance at 1 April 2019	501	13	57	-	-	4	**575**
Depreciation charge for the year ended 31 March 2021	63	7	17	5	1	1	**94**
Depreciation charge for the year ended 31 March 2020	62	8	17	3	1	1	**92**

Additions to right-of-use assets during the year ended 31 March 2021 was £70 million (2020: £83 million).

Lease liabilities

The maturity analysis of the contractual undiscounted cash flows are as follows:

As at 31 March (£ millions)	2021	2020
Less than one year	103	112
Between one and five years	286	298
More than five years	451	493
Total undiscounted lease liabilities	**840**	**903**

Included in undiscounted lease liability maturities above is £15 million (2020: £nil) in relation to leases committed but not yet commenced at the balance sheet date.

The following amounts are included in the consolidated balance sheet:

As at 31 March (£ millions)	2021	2020
Current lease liabilities	65	73
Non-current lease liabilities	454	468
Total lease liabilities	**519**	**541**

The following amounts are recognised in the consolidated income statement:

Year ended 31 March (£ millions)	2021	2020
Interest expense on lease liabilities	44	45
Expenses related to short-term leases	9	13
Expenses related to low-value assets, excluding short-term leases of low-value assets	7	7
Credit for changes in lease payments arising from COVID-19 rent concessions	(3)	-

The following amounts are recognised in the consolidated cash flow statement:

Year ended 31 March (£ millions)	2021	2020
Cash payments for the principal portion of lease liabilities (within 'payments of lease obligations')	79	72
Cash payment for interest expense related to lease liabilities (within 'finance expenses and fees paid')	44	45

Leases as a lessee under IAS 17

The future minimum non-cancellable finance lease rentals are payable as follows:

As at 31 March (£ millions)	2019
Less than one year	7
Between one and five years	22
More than five years	33
Total lease payments	**62**
Less future finance charges	(31)
Present value of lease obligations	**31**

The above leases relate to amounts payable under the minimum lease payments on plant and equipment. The carrying value of these assets as at 31 March 2019 was £27 million.

The future minimum non-cancellable operating lease rentals are payable as follows:

As at 31 March (£ millions)	2019
Less than one year	115
Between one and five years	272
More than five years	239
Total lease payments	**626**

Leases as a lessor

The majority of the leases where the Group is a lessor are in relation to vehicles. The Group classifies these as operating leases, because they do not transfer substantially all of the risks and rewards incidental to the ownership of the assets.

The maturity analysis of lease payments, showing the undiscounted lease payments to be received after the reporting date, are as follows:

As at 31 March (£ millions)	2021	2020	2019
Less than one year	3	5	5
Between one and five years	2	2	2
More than five years	11	11	9
Total undiscounted lease payments to be received	**16**	**18**	**16**

38 Segmental reporting

Operating segments are defined as components of the Group about which separate financial information is available that is evaluated regularly by the chief operating decision-maker, or decision-making group, in deciding how to allocate resources and in assessing performance.

The Group operates in the automotive segment. The automotive segment includes all activities relating to design, development, manufacture and marketing of vehicles including financing thereof, as well as sale of related parts and accessories and services from which the Group derives its revenues. The Group has only one operating segment, so no separate segment report is given.

The geographic spread of sales by customer location and non-current assets is as disclosed below:

(£ millions)	UK	US	Rest of Europe	Rest of World	China	Total
31 March 2021						
Revenue	3,790	4,664	3,563	3,153	4,561	19,731
Non-current assets	10,932	53	1,047	218	141	12,391
31 March 2020						
Revenue	4,724	5,614	4,757	4,601	3,288	22,984
Non-current assets	12,028	58	1,196	209	169	13,660
31 March 2019						
Revenue	5,228	5,485	5,355	4,834	3,312	24,214
Non-current assets	10,859	32	1,045	167	16	12,119

39 Notes to the Consolidated Cash Flow Statement

(A) Reconciliation of loss for the year to cash generated from operating activities

Year ended 31 March (£ millions)	Note	2021	2020	2019
Loss for the year		**(1,100)**	**(469)**	**(3,321)**
Adjustments for:				
Depreciation and amortisation		1,976	1,910	2,164
Write-down of tangible assets		-	-	18
Write-down of intangible assets	11	40	-	-
(Profit)/loss on disposal of assets		(1)	20	59
Foreign exchange and fair value (gain)/loss on loans	14	(314)	135	45
Income tax expense/(credit)	15	239	47	(308)
Finance expense (net)	13	251	209	111
Finance income	13	(11)	(52)	(35)
Foreign exchange loss/(gain) on economic hedges of loans	14	143	(29)	18
Foreign exchange (gain)/loss on derivatives	14	(14)	(15)	31
Foreign exchange (gain)/loss) on balance sheet revaluation		(272)	122	57
Foreign exchange loss on other restricted deposits		1	2	-
Foreign exchange loss/(gain) on short-term deposits		46	(14)	(71)
Foreign exchange loss/(gain) on cash and cash equivalents		162	(58)	27
Unrealised (gain)/loss on commodities	14	(137)	78	34
(Gain)/loss on matured revenue hedges		(6)	81	43
Share of loss/(profit) of equity accounted investments	16	41	114	(3)
Fair value (gain)/loss on equity investments	14	(2)	43	(26)
Exceptional items	4	1,523	29	3,271
Other non-cash adjustments		(5)	2	(4)
Cash flows from operating activities before changes in assets and liabilities		**2,560**	**2,155**	**2,110**
Trade receivables		(61)	541	282
Other financial assets		(35)	44	61
Other current assets		54	112	127
Inventories		459	147	152
Other non-current assets		397	(420)	(3)
Accounts payable		11	(652)	(476)
Other current liabilities		(53)	49	111
Other financial liabilities		(130)	(19)	(24)
Other non-current liabilities and retirement benefit obligation		(477)	355	(23)
Provisions		(189)	87	141
Cash generated from operations		**2,536**	**2,399**	**2,458**

(B) Reconciliation of movements of liabilities to cash flows arising from financing activities

(£ millions)	Short-term borrowings	Long-term borrowings	Lease obligations	Total
Balance at 1 April 2018	**652**	**3,060**	**19**	**3,731**
Proceeds from issue of financing	649	1,214	-	1,863
Issue of new finance leases	-	-	14	14
Repayment of financing	(1,250)	-	(2)	(1,252)
Reclassification of long-term debt	768	(768)	-	-
Foreign exchange	62	15	-	77
Arrangement fees paid	-	(18)	-	(18)
Fee amortisation	1	7	-	8
Reclassification of long-term debt fees	(1)	1	-	-
Long-term borrowings revaluation in hedge reserve	-	103	-	103
Fair value adjustment on loans	-	(15)	-	(15)
Balance at 31 March 2019	**881**	**3,599**	**31**	**4,511**
Adjustment on initial application of IFRS 16	-	-	499	499
Proceeds from issue of financing	2	1,600	-	1,602
Issue of new leases	-	-	79	79
Repayment of financing	(939)	-	(117)	(1,056)
Interest accrued			45	45
Reclassification of long-term debt	577	(577)	-	-
Foreign exchange	5	143	4	152
Arrangement fees paid	(1)	(8)	-	(9)
Fee amortisation	2	8	-	10
Reclassification of long-term debt fees	(1)	1	-	-
Long-term borrowings revaluation in hedge reserve	-	11	-	11
Fair value adjustment on loans	-	40	-	40
Balance at 31 March 2020	**526**	**4,817**	**541**	**5,884**
Proceeds from issue of financing	919	1,034	-	1,953
Issue of new leases	-	-	71	71
Repayment of financing	(749)	-	(123)	(872)
Interest accrued	-	-	44	44
Reclassification of long-term debt	525	(525)	-	-
Foreign exchange	(15)	(308)	(14)	(337)
Arrangement fees paid	-	(11)	-	(11)
Fee amortisation	-	11	-	11
Fair value adjustment on loans	-	(46)	-	(46)
Balance at 31 March 2021	**1,206**	**4,972**	**519**	**6,697**

40 Related party transactions

Tata Sons Private Limited is a company with significant influence over the Group's ultimate parent company Tata Motors Limited. The Group's related parties therefore include Tata Sons Private Limited, subsidiaries and joint ventures of Tata Sons Private Limited and subsidiaries, joint ventures and associates of Tata Motors Limited. The Group routinely enters into transactions with its related parties in the ordinary course of business, including transactions for the sale and purchase of products with its joint ventures and associates.

All transactions with related parties are conducted under normal terms of business and all amounts outstanding are unsecured and will be settled in cash.

Transactions and balances with the Group's own subsidiaries are eliminated on consolidation.

The table on the next page summarises related party transactions and balances not eliminated in the consolidated financial statements.

(£ millions)	Joint ventures	Associates and their subsidiaries	Tata Sons Private Limited, its subsidiaries and joint ventures	Immediate or ultimate parent and its subsidiaries, joint ventures and associates
31 March 2021				
Sale of products	284	-	2	15
Purchase of goods	-	-	1	72
Services received	-	1	123	68
Services rendered	111	-	-	1
Trade and other receivables	48	-	1	32
Accounts payable	-	-	13	43
31 March 2020				
Sale of products	217	-	2	54
Purchase of goods	-	-	1	120
Services received	-	3	150	91
Services rendered	111	-	-	1
Dividends received	67	-	-	-
Investments in the year	67	6	-	-
Trade and other receivables	67	-	1	20
Accounts payable	-	-	11	48
31 March 2019				
Sale of products	321	-	3	76
Purchase of goods	-	-	-	214
Services received	-	2	170	97
Services rendered	83	-	-	1
Trade and other receivables	15	-	1	15
Accounts payable	-	-	35	52

Compensation of key management personnel

Year ended 31 March (£ millions)	2021	2020	2019
Short-term benefits	15	10	10
Post-employment benefits	2	-	1
Other long-term employee benefits	2	3	-
Compensation for loss of office	-	1	-
Total compensation of key management personnel	**19**	**14**	**11**

41 Ultimate parent company and parent company of larger group

The immediate parent undertaking is TML Holdings Pte. Ltd. (Singapore), which is the parent for the smallest group to consolidate these financial statements. The ultimate parent undertaking and controlling party is Tata Motors Limited, India, which is the parent of the largest group to consolidate these financial statements.

Copies of the TML Holdings Pte. Ltd. (Singapore) consolidated financial statements can be obtained from the Company Secretary, TML Holdings Pte. Ltd., 9 Battery Road #15-01 MYP Centre, Singapore 049910.

Copies of the Tata Motors Limited, India consolidated financial statements can be obtained from the Company Secretary, Tata Motors Limited, Bombay House, 24, Homi Mody Street, Mumbai-400001, India.

42 Subsequent events

On 1 April 2021, the Group agreed a revolving credit facility of £1,310 million which will become available when the existing facility expires in July 2022. The new facility will be available in full until March 2024.

PARENT COMPANY FINANCIAL STATEMENTS

PARENT COMPANY BALANCE SHEET

As at 31 March (£ millions)	Note	2021	2020	2019
Non-current assets				
Investments	43	1,655	1,655	1,655
Other financial assets	44	4,964	4,770	3,628
Other non-current assets	45	-	1	2
Total non-current assets		**6,619**	**6,426**	**5,285**
Current assets				
Other financial assets	44	1,074	958	1,270
Other current assets	45	1	1	1
Cash and cash equivalents		-	-	-
Total current assets		**1,075**	**959**	**1,271**
Total assets		**7,694**	**7,385**	**6,556**
Current liabilities				
Other financial liabilities	47	82	65	37
Deferred finance income		1	2	2
Short-term borrowings	48	524	424	767
Current income tax liabilities		5	5	4
Total current liabilities		**612**	**496**	**810**
Non-current liabilities				
Long-term borrowings	48	4,959	4,759	3,594
Deferred finance income		33	34	35
Total non-current liabilities		**4,992**	**4,793**	**3,629**
Total liabilities		**5,604**	**5,289**	**4,439**
Equity attributable to equity holders of the parent				
Ordinary shares	49	1,501	1,501	1,501
Capital redemption reserve	49	167	167	167
Retained earnings		422	428	449
Equity attributable to equity holders of the parent		**2,090**	**2,096**	**2,117**
Total liabilities and equity		**7,694**	**7,385**	**6,556**

The notes on pages 130 to 141 are an integral part of these financial statements.

The Company has elected to take the exemption under section 408 of the Companies Act 2006 from presenting the parent company income statement. The loss for the Company for the year was £6 million (2020: loss of £21 million, 2019: profit of £3 million).

These parent company financial statements were approved by the JLR plc Board and authorised for issue on 28 May 2021.

They were signed on its behalf by:

T. Bolloré

THIERRY BOLLORÉ
CHIEF EXECUTIVE OFFICER
COMPANY REGISTERED NUMBER: 06477691

PARENT COMPANY STATEMENT OF CHANGES IN EQUITY

(£ millions)	Ordinary share capital	Capital redemption reserve	Retained earnings	Total equity
Balance at 1 April 2020	**1,501**	**167**	**428**	**2,096**
Loss for the year	-	-	(6)	(6)
Total comprehensive expense	**-**	**-**	**(6)**	**(6)**
Dividend	-	-	-	-
Balance at 31 March 2021	**1,501**	**167**	**422**	**2,090**
Balance at 1 April 2019	**1,501**	**167**	**449**	**2,117**
Loss for the year	-	-	(21)	(21)
Total comprehensive expense	**-**	**-**	**(21)**	**(21)**
Dividend	-	-	-	-
Balance at 31 March 2020	**1,501**	**167**	**428**	**2,096**
Balance at 1 April 2018	**1,501**	**167**	**671**	**2,339**
Profit for the year	-	-	3	3
Total comprehensive income	**-**	**-**	**3**	**3**
Dividend	-	-	(225)	(225)
Balance at 31 March 2019	**1,501**	**167**	**449**	**2,117**

The notes on pages 130 to 141 are an integral part of these financial statements.

PARENT COMPANY CASH FLOW STATEMENT

Year ended 31 March (£ millions)	2021	2020	2019
Cash flows used in operating activities			
(Loss)/profit for the year	**(6)**	**(21)**	**3**
Adjustments for:			
Income tax expense	-	1	1
Allowances for other financial assets	7	24	-
Finance income	(259)	(223)	(187)
Finance expense	257	222	183
Cash flows (used in)/generated from operating activities before changes in assets and liabilities	**(1)**	**3**	**-**
Other financial assets	(606)	(665)	(446)
Other current liabilities	(2)	-	(1)
Net cash used in operating activities	**(609)**	**(662)**	**(447)**
Cash flows from investing activities			
Finance income received	236	198	197
Net cash generated from investing activities	**236**	**198**	**197**
Cash flows generated from financing activities			
Finance expenses and fees paid	(236)	(196)	(193)
Proceeds from issuance of long term borrowings	1,034	1,486	1,214
Repayment of borrowings	(425)	(826)	(547)
Dividends paid	-	-	(225)
Net cash generated from financing activities	**373**	**464**	**249**
Net decrease in cash and cash equivalents	**-**	**-**	**(1)**
Cash and cash equivalents at beginning of year	-	-	1
Cash and cash equivalents at end of year	**-**	**-**	**-**

The notes on pages 130 to 141 are an integral part of these financial statements.

NOTES TO THE PARENT COMPANY FINANCIAL STATEMENTS

43 Investments

Investments consist of the following:

As at 31 March (£ millions)	2021	2020	2019
Cost of unquoted equity investments at beginning and end of year	1,655	1,655	1,655

The Company has not made any investments or disposals of investments in the year.

The Company has the following 100 per cent direct interest in the ordinary shares of a subsidiary undertaking:

Subsidiary undertaking	Principle place of business and country of incorporation	Registered office address
Jaguar Land Rover Holdings Limited	England and Wales	Abbey Road, Whitley, Coventry, CV3 4LF, England

The shareholding above is recorded at acquisition value in the Company's accounts. Details of the indirect subsidiary undertakings are as follows:

Name of company	Shareholding	Principle place of business and country of incorporation	Registered office address
Jaguar Land Rover Limited	100%	England and Wales	Abbey Road, Whitley, Coventry, CV3 4LF, England
Jaguar Land Rover North America, LLC.	100%	USA	100 Jaguar Land Rover Way, Mahwah, NJ 07495, USA
Jaguar Land Rover Deutschland GmbH	100%	Germany	Campus Kronberg 7, 61476, Kronberg im Taunus, Germany
Jaguar Land Rover Belux N.V.	100%	Belgium	Generaal Lemanstraat 47, 2018 Antwerpen, Belgium
Jaguar Land Rover Austria GmbH	100%	Austria	Siezenheimer Strasse 39a, 5020 Salzburg, Austria
Jaguar Land Rover Italia SpA	100%	Italy	Via Alessandro Marchetti, 105 - 00148, Roma, Italy
Jaguar Land Rover Australia Pty Ltd	100%	Australia	189 O'Riordan Street, Mascot, 2020, NSW, Australia
Jaguar Land Rover Espana SL	100%	Spain	Torre Picasso, Plaza Pablo Ruiz Picasso, 1 – Planta 42, 28020 Madrid, Spain
Jaguar Land Rover Nederland BV	100%	Holland	PO Box 40, Stationsweg 8, 4153 RD Beesd, Netherlands
Jaguar Land Rover Portugal -Veiculos e Pecas, Lda.	100%	Portugal	Rua. Do Pólo Sul Nº2 - 3ºB-3, Parque das Naçoes, 1990- 273, Lisboa, Portugal
Jaguar Land Rover (China) Investment Co., Ltd (formerly Jaguar Land Rover Automotive Trading (Shanghai) Co. Ltd)	100%	China	11F, No.06 (Building D) The New Bund World Trade Center (Phase II), Lane 227 Dongyu Road, Pudong New District, Shanghai 200126, China
Shanghai Jaguar Land Rover Automotive Service Co. Ltd	100%	China	11F, No.06 (Building D) The New Bund World Trade Center (Phase II), Lane 227 Dongyu Road, Pudong New District, Shanghai 20012, China
Jaguar Land Rover Japan Limited	100%	Japan	3-13 Toranomon 4-chome, Minato-ku, Tokyo, Japan, 45
Jaguar Land Rover Korea Co. Limited	100%	Korea	25F West Mirae Asset Center 1 Building 67 Suha-dong, Jung-gu Seoul 100-210, Korea
Jaguar Land Rover Canada ULC	100%	Canada	75 Courtneypark Drive West, Unit 3 Mississauga, ON L5W 0E3,Canada
Jaguar Land Rover France SAS	100%	France	Z.A. Kleber – Batiment Ellington, 165 Boulevard de Valmy, 92706 Colombes, Cedex, France
Jaguar e Land Rover Brasil Indústria e Comércio de Veículos LTDA	100%	Brazil	Avenida Ibirapuera 2.332, Torre I - 10º andar- Moema, 04028-002, São Paulo, SP, Brazil
Jaguar Land Rover Limited Liability Company	100%	Russia	28B, Building 2 Mezhdunarodnoe Shosse 141411, Moscow, Russian Federation
Jaguar Land Rover (South Africa) Holdings Limited	100%	England and Wales	Abbey Road, Whitley, Coventry, CV3 4LF, England
Jaguar Land Rover (South Africa) (Pty) Limited	100%	South Africa	Simon Vermooten Road, Silverton, Pretoria 0184, South Africa
Jaguar Land Rover India Limited	100%	India	Nanavati Mahalaya, 3rd floor, 18, Homi Mody Street, Mumbai, Maharashtra, India 400001
Daimler Transport Vehicles Limited (dormant)	100%	England and Wales	Abbey Road, Whitley, Coventry, CV3 4LF, England
S S Cars Limited (dormant)	100%	England and Wales	Abbey Road, Whitley, Coventry, CV3 4LF, England
The Lanchester Motor Company Limited (dormant)	100%	England and Wales	Abbey Road, Whitley, Coventry, CV3 4LF, England
The Daimler Motor Company Limited (dormant)	100%	England and Wales	Abbey Road, Whitley, Coventry, CV3 4LF, England
Jaguar Land Rover Pension Trustees Limited (dormant)	100%	England and Wales	Abbey Road, Whitley, Coventry, CV3 4LF, England
JLR Nominee Company Limited (non-trading)	100%	England and Wales	Abbey Road, Whitley, Coventry, CV3 4LF, England
Jaguar Cars Limited (dormant)	100%	England and Wales	Abbey Road, Whitley, Coventry, CV3 4LF, England
Land Rover Exports Limited (non-trading)	100%	England and Wales	Abbey Road, Whitley, Coventry, CV3 4LF, England
Land Rover Ireland Limited (non-trading)	100%	Ireland	c/o LK Shields Solicitors, 39/40 Upper Mount Street, Dublin 2, Ireland
Jaguar Cars South Africa (Pty) Ltd (dormant)	100%	South Africa	Simon Vermooten Road, Silverton, Pretoria 0184, South Africa
Jaguar Land Rover Slovakia s.r.o.	100%	Slovakia	Vysoka 2/B, 811 06 Bratislava, Slovakia
Jaguar Land Rover Singapore Pte. Ltd	100%	Singapore	138 Market Street, CapitaGreen, Singapore, 048946

Name of company	Shareholding	Principle place of business and country of incorporation	Registered office address
Jaguar Racing Limited	100%	England and Wales	Abbey Road, Whitley, Coventry, CV3 4LF, England
In-Car Ventures Limited	100%	England and Wales	Abbey Road, Whitley, Coventry, CV3 4LF, England
InMotion Ventures Limited	100%	England and Wales	Abbey Road, Whitley, Coventry, CV3 4LF, England
InMotion Ventures 2 Limited	100%	England and Wales	Abbey Road, Whitley, Coventry, CV3 4LF, England
InMotion Ventures 3 Limited	100%	England and Wales	Abbey Road, Whitley, Coventry, CV3 4LF, England
Jaguar Land Rover Colombia SAS	100%	Colombia	CL 67735 OFE, 1204 Bogotan Cundinamarka 1 3192 900, Colombia
Jaguar Land Rover México, S.A.P.I. de C.V.	100%	Mexico	Av. Javier Barros Sierra No.540 Piso 7 Oficina 703, Col. Santa Fe la Fe Del., Alvaro Obregón, México, D.F. C.P. 01210
Jaguar Land Rover Servicios México, S.A. de C.V.	100%	Mexico	Av. Javier Barros Sierra No.540 Piso 7 Oficina 703, Col. Santa Fe la Fe Del., Alvaro Obregón, México, D.F. C.P. 01210
Jaguar Land Rover Taiwan Company LTD	100%	Taiwan	12F, No. 40, Sec. 1, Chengde Road, Datong Dist., Taipei, City 103, Taiwan (R.O.C.)
Jaguar Land Rover Ireland (Services) Limited	100%	Ireland	C/o LK Shields Solicitors 39/40 Upper Mount Street Dublin 2 Ireland
Jaguar Land Rover Classic USA LLC	100%	USA	251 Little Falls Drive, Wilmington, Delaware, USA
Jaguar Land Rover Classic Deutschland GmbH	100%	Germany	Ringstraße 38, 45219 Essen, Germany
Jaguar Land Rover Hungary KFT	100%	Hungary	Regus Capital Square, Vaci ut 76, 1133, Budapest, Hungary
Jaguar Land Rover (Ningbo) Trading Co., Ltd.	100%	China	Office Building 12, No.1 Meishan Salt, Beilun District, Ningbo, Zhejiang Province, China
Jaguar Land Rover Ventures Limited	100%	England and Wales	Abbey Road, Whitley, Coventry, CV3 4LF, England
Bowler Motors Limited	100%	England and Wales	Abbey Road, Whitley, Coventry, CV3 4LF, England
Spark44 (JV) Ltd.	50.50%	England and Wales	Abbey Road, Whitley, Coventry, CV3 4LF, England
Spark44 Limited	50.50%	England and Wales	The White Collar Factory, 1 Old Street Yard, London, EC1Y 8AF, England
Spark44 LLC	50.50%	USA	292 Madison Ave, 3rd Floor New York, NY 10017
Spark44 Canada Inc	50.50%	Canada	10 Alcorn Avenue, Suite 205 Toronto, ON M4V 34, Canada
Spark44 GmbH	50.50%	Germany	Querstrasse 7, 60322 Frankfurt am Main, Germany
Spark44 Communicacions SL	50.50%	Spain	Prim 19, 4th floor, 28004 Madrid, Spain
Spark44 S.r.l	50.50%	Italy	Via Marcella, 4/6- 00153 Rome, Italy
Spark44 Pty Ltd	50.50%	Australia	Level 5, 65 Berry Street, North Sydney, NSW 2060

Name of company	Shareholding	Principle place of business and country of incorporation	Registered office address
Spark44 DMCC	50.50%	UAE	Unit No:1401/04, Swiss Tower, Plot No:JLT-PH2-Y3A,Jumeirah Lakes Towers, Dubai, UAE
Spark44 Seoul Limited	50.50%	South Korea	F12, 11 Cheonggyecheon-ro, Jongno-gu, Seoul, Korea
Spark44 Singapore Pte Ltd	50.50%	Singapore	138 Market Street #36-01/02, CapitaGreen, Singapore, 048946
Spark44 Japan K.K.	50.50%	Japan	2-23-1-806, Akasaka, Minato-ku, Tokyo, 153-0042, Japan
Spark44 Demand Creation Partners India Limited	50.50%	India	Unit No. 604, 6th Floor,Sterling Centre, Dr.Annie Besant Road, Worli, Mumbai-18, Maharashtra , India
Spark44 South Africa Pty Limited	50.50%	South Africa	21 Forssman Close, Kyalami, Johannesburg, 1684, South Africa
Spark44 Shanghai Limited	50.50%	China	6401&6501, 4F&5F Block 6.No .436 Ju Men Road 200023 Huangpu District Shanghai China
Spark44 Taiwan Limited	50.50%	Taiwan	18F., No.460, Sec. 4, Xinyi Rd., Xinyi Dist., Taipei City 110, Taiwan (R.O.C.)
Spark44 Colombia S.A.S	50.50%	Colombia	Cl 72 # 10 07 oficina 401, Bogota, Colombia

Details of the indirect holdings in equity accounted investments are given in note 16 to the consolidated financial statements.

44 Other financial assets

As at 31 March (£ millions)	2021	2020	2019
Non-current			
Receivables from subsidiaries	4,964	4,770	3,628
Current			
Receivables from subsidiaries	1,074	958	1,270

£4,964 million (2020: £4,770 million, 2019: £3,628 million) of non-current receivables from subsidiaries and £599 million (2020: £487 million, 2019: £801 million) of current receivables from subsidiaries comprise loans to indirect subsidiaries under terms matching the external interest-bearing loans and borrowings given in note 48.

45 Other assets

As at 31 March (£ millions)	2021	2020	2019
Non-current			
Prepaid expenses	-	1	2
Current			
Prepaid expenses	1	1	1

46 Deferred tax assets and liabilities

As at 31 March 2021, 2020 and 2019 the Company has recognised no deferred tax assets or liabilities.

47 Other financial liabilities

As at 31 March (£ millions)	2021	2020	2019
Current			
Interest accrued	79	62	33
Other	3	3	4
Total current other financial liabilities	**82**	**65**	**37**

48 Interest-bearing loans and investments

As at 31 March (£ millions)	2021	2020	2019
EURO MTF listed debt	3,922	3,518	2,839
Bank Loans	1,037	1,241	755
Long-term borrowings	**4,959**	**4,759**	**3,594**
Current portion of EURO MTF listed debt	399	299	767
Current portion of long-term bank loans	125	125	-
Short-term borrowings	**524**	**424**	**767**

Euro MTF listed debt

The bonds are listed on the Luxembourg Stock Exchange multilateral trading facility ("EURO MTF") market.

Details of the tranches of the bonds outstanding at 31 March 2021 are as follows:

- $500 million Senior Notes due 2023 at a coupon of 5.625 per cent per annum – issued January 2013
- £400 million Senior Notes due 2022 at a coupon of 5.000 per cent per annum – issued January 2014
- £400 million Senior Notes due 2023 at a coupon of 3.875 per cent per annum – issued February 2015
- €650 million Senior Notes due 2024 at a coupon of 2.200 per cent per annum – issued January 2017
- $500 million Senior Notes due 2027 at a coupon of 4.500 per cent per annum – issued October 2017
- €500 million Senior Notes due 2026 at a coupon of 4.500 per cent per annum – issued September 2018
- €500 million Senior Notes due 2024 at a coupon of 5.875 per cent per annum – issued November 2019
- €500 million Senior Notes due 2026 at a coupon of 6.875 per cent per annum – issued November 2019
- $700 million Senior Notes due 2025 at a coupon of 7.750 per cent per annum – issued October 2020
- $650 million Senior Notes due 2028 at a coupon of 5.875 per cent per annum – issued December 2020

Details of the tranches of the bond repaid in the year ended 31 March 2021 are as follows:

- £300 million Senior Notes due 2021 at a coupon of 2.750 per cent per annum – issued January 2017

Details of the tranches of the bond repaid in the year ended 31 March 2020 are as follows:

- $500 million Senior Notes due 2019 at a coupon of 4.250 per cent per annum – issued October 2014
- $500 million Senior Notes due 2020 at a coupon of 3.500 per cent per annum – issued March 2015

Details of the tranches of the bond repaid in the year ended 31 March 2019 are as follows:

- $700 million Senior Notes due 2018 at a coupon of 4.125 per cent per annum – issued December 2013

Syndicated Loan

In October 2018, a $1 billion syndicate loan was issued with a coupon rate of LIBOR + 1.900 per cent per annum, due in the following tranches:

- $200 million due October 2022
- $800 million due January 2025

The contractual cash flows of interest-bearing debt (excluding leases) are set out below, including estimated interest payments and assuming the debt will be repaid at the maturity date:

As at 31 March (£ millions)	2021	2020	2019
Due in			
1 year or less	798	660	957
2nd and 3rd years	2,134	2,035	1,011
4th and 5th years	2,326	2,141	1,696
More than 5 years	1,377	1,435	1,559
Total contractual cash flows	**6,635**	**6,271**	**5,223**

49 Capital and reserves

As at 31 March (£ millions)	2021	2020	2019
Authorised, called up and fully paid			
1,500,642,163 ordinary shares of £1 each	1,501	1,501	1,501
Total ordinary share capital	**1,501**	**1,501**	**1,501**

The holders of ordinary shares are entitled to receive dividends as declared from time to time and are entitled to one vote per share at meetings of the Company.

The capital redemption reserve of £167 million (2020, 2019: £167 million) was created in March 2011 on the cancellation of share capital.

50 Dividends

Year ended 31 March (£ millions)	2021	2020	2019
Dividend proposed for the previous year paid during the year of £nil (2020: £nil, 2019: £0.15) per ordinary share	-	-	225
Amounts recognised as distributions to equity holders during the year	**-**	**-**	**225**
Proposed dividend for the year of £nil (2020: £nil, 2019: £nil) per ordinary share	-	-	-

51 Commitments and contingencies

The Company had no commitments or contingencies at 31 March 2021, 2020 or 2019.

52 Capital Management

As at 31 March (£ millions)	2021	2020	2019
Long-term debt	4,959	4,759	3,594
Short-term debt	524	424	767
Total debt	**5,483**	**5,183**	**4,361**
Equity attributable to shareholder	2,090	2,096	2,117
Total capital	**7,573**	**7,279**	**6,478**

53 Financial Instruments

This section gives an overview of the significance of financial instruments for the Company and provides additional information on balance sheet items that contain financial instruments.

The details of significant accounting policies, including the criteria for recognition, the basis of measurement and the basis on which income and expenses are recognised, in respect of each class of financial asset, financial liability and equity instrument, are disclosed in note 2 to the consolidated financial statements.

(A) Financial assets and liabilities

The following table shows the carrying amounts and fair value of each category of financial assets and liabilities as at 31 March 2021:

(£ millions)	Amortised cost and other financial liabilities	Total carrying value	Total fair value
Other financial assets - current	1,074	1,074	1,074
Other financial assets - non-current	4,964	4,964	4,964
Total financial assets	**6,038**	**6,038**	**6,038**
Other financial liabilities - current	82	82	82
Short-term borrowings	524	524	535
Long-term borrowings	4,959	4,959	5,122
Total financial liabilities	**5,565**	**5,565**	**5,739**

The following table shows the carrying amounts and fair value of each category of financial assets and liabilities as at 31 March 2020:

(£ millions)	Amortised cost and other financial liabilities	Total carrying value	Total fair value
Other financial assets - current	958	958	958
Other financial assets - non-current	4,770	4,770	4,770
Total financial assets	**5,728**	**5,728**	**5,728**
Other financial liabilities - current	65	65	65
Short-term borrowings	424	424	408
Long-term borrowings	4,759	4,759	3,846
Total financial liabilities	**5,248**	**5,248**	**4,319**

The following table shows the carrying amounts and fair value of each category of financial assets and liabilities as at 31 March 2019:

(£ millions)	Amortised cost and other financial liabilities	Total carrying value	Total fair value
Other financial assets - current	1,270	1,270	1,270
Other financial assets - non-current	3,628	3,628	3,628
Total financial assets	**4,898**	**4,898**	**4,898**
Other financial liabilities - current	37	37	37
Short-term borrowings	767	767	763
Long-term borrowings	3,594	3,594	3,245
Total financial liabilities	**4,398**	**4,398**	**4,045**

Fair value hierarchy

Financial instruments held at fair value are required to be measured by reference to the following levels:

- Quoted prices in an active market (Level 1): This level of hierarchy includes financial instruments that are measured by reference to quoted prices (unadjusted) in active markets for identical assets or liabilities;

- Valuation techniques with observable inputs (Level 2): This level of hierarchy includes financial assets and liabilities measured using inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly (i.e. as prices) or indirectly (i.e. derived from prices); and

- Valuation techniques with significant unobservable inputs (Level 3): This level of hierarchy includes financial assets and liabilities measured using inputs that are not based on observable market data (unobservable inputs). Fair values are determined in whole or in part using a valuation model based on assumptions that are neither supported by prices from observable current market transactions in the same instrument nor based on available market data.

There has been no change in the valuation techniques adopted or any transfers between fair value levels in either current or prior periods as presented.

Fair values of cash and cash equivalents and other financial assets and liabilities are assumed to approximate to cost due to the short-term maturing of the instruments and as the impact of discounting is not significant.

Management uses its best judgement in estimating the fair value of its financial instruments. However, there are inherent limitations in any estimation technique. Therefore, for substantially all financial instruments, the fair value estimates presented above are not necessarily indicative of all the amounts that the Company could have realised in a sales transaction as of respective dates. The estimated fair value amounts as of 31 March 2021, 2020 and 2019 have been measured as of the respective dates. As such, the fair values of these financial instruments subsequent to the respective reporting dates may be different from the amounts reported at each year end.

(B) Financial risk Management

The Company is exposed to foreign currency exchange rate, interest rate, liquidity and credit risks. The Company has a risk management framework in place that monitors all of these risks as discussed below. This framework is approved by the JLR plc Board.

Foreign currency exchange rate risk

The fluctuation in foreign currency exchange rates may have a potential impact on the balance sheet, statement of changes in equity and cash flow statement where any transaction references more than one currency or where assets or liabilities are denominated in a currency other than the functional currency of the Company.

As at 31 March 2021, 2020 and 2019, there are no designated cash flow hedges.

The Company's operations are subject to risks arising from fluctuations in exchange rates. The risks primarily relate to fluctuations in US Dollar and Euro against Sterling as the Company has US Dollar and Euro assets and liabilities and a GBP functional currency.

The following table sets forth information relating to foreign currency exposure as at 31 March 2021:

(£ millions)	US Dollar	Euro
Financial assets	2,480	1,861
Financial liabilities	(2,447)	(1,861)
Net exposure asset	3	-

A 10 per cent appreciation/depreciation of the US Dollar or Euro would result in an increase/decrease in the Company's net profit before tax and net assets by approximately £nil and £nil respectively.

The following table sets forth information relating to foreign currency exposure as at 31 March 2020:

(£ millions)	US Dollar	Euro
Financial assets	2,033	2,180
Financial liabilities	(2,033)	(2,180)
Net exposure asset	-	-

A 10 per cent appreciation/depreciation of the US Dollar or Euro would result in an increase/decrease in the Company's net profit before tax and net assets by approximately £nil and £nil respectively.

The following table sets forth information relating to foreign currency exposure as at 31 March 2019:

(£ millions)	US Dollar	Euro
Financial assets	2,324	999
Financial liabilities	(2,323)	(998)
Net exposure asset	**1**	**1**

A 10 per cent appreciation/depreciation of the US Dollar or Euro would result in an increase/decrease in the Company's net profit before tax and net assets by approximately £nil and £nil respectively.

Interest rate risk

Interest rate risk is the risk that changes in market interest rates will lead to changes in interest income and expense for the Company.

The Company is presently funded with long-term fixed interest rate borrowings and long-term variable-rate borrowings. The Company is also subject to variable interest rates on certain other debt obligations.

As at 31 March 2021, net financial assets of £436 million (2020: £595 million, 2019: £503 million) were subject to a variable interest rate. An increase/decrease of 100 basis points in interest rates at the balance sheet date would result in an impact of £4 million (2020: £6 million, 2019: £5 million).

The risk estimates provided assume a parallel shift of 100 basis points interest rate across all yield curves. This calculation also assumes that the change occurs at the balance sheet date and has been calculated based on risk exposures outstanding as at that date. The year-end balances are not necessarily representative of the average debt outstanding during the year.

Liquidity rate risk

Liquidity risk is the risk that the Company will not be able to meet its financial obligations as they fall due.

The Company's policy on liquidity risk is to ensure that sufficient borrowing facilities are available to fund ongoing operations without the need to carry significant net debt over the medium term. The quantum of committed borrowing facilities available to the Company is reviewed regularly and is designed to exceed forecast peak gross debt levels.

The following are the undiscounted contractual maturities of financial liabilities, including estimated interest payments:

As at 31 March 2021 (£ millions)	Carrying amount	Contractual cash flows	1 year or less	1 to <2 years	2 to <5 years	5 years and over
Financial liabilities						
Long-term borrowings	4,959	6,054	221	1,263	3,193	1,377
Short-term borrowings	524	557	557	-	-	-
Other financial liabilities	82	28	22	6	-	-
Total contractual maturities	**5,565**	**6,639**	**800**	**1,269**	**3,193**	**1,377**

As at 31 March 2020 (£ millions)	Carrying amount	Contractual cash flows	1 year or less	1 to <2 years	2 to <5 years	5 years and over
Financial liabilities						
Long-term borrowings	4,759	5,811	215	737	3,424	1,435
Short-term borrowings	424	434	434	-	-	-
Other financial liabilities	65	34	19	11	4	-
Total contractual maturities	**5,248**	**6,279**	**668**	**748**	**3,428**	**1,435**

As at 31 March 2019 (£ millions)	Carrying amount	Contractual cash flows	1 year or less	1 to <2 years	2 to <5 years	5 years and over
Financial liabilities						
Long-term borrowings	3,594	5,186	946	449	1,595	2,196
Short-term borrowings	767	767	767	-	-	-
Other financial liabilities	37	37	11	11	15	-
Total contractual maturities	**4,398**	**5,990**	**1,724**	**460**	**1,610**	**2,196**

Credit risk

Financial instruments that are subject to concentrations of credit risk consist of loans to subsidiaries based in a variety of geographies and markets.

Exposure to credit risk

The carrying amount of financial assets represents the maximum credit exposure.

Financial assets

None of the Company's cash equivalents or other financial assets, including term deposits with banks, are past due or impaired. Regarding other financial assets that are neither past due nor impaired, there were no indications as at 31 March 2021 (2020, 2019: no indications) that defaults in payment obligations will occur. However, as required under IFRS 9, the Company has assessed other financial assets for expected credit losses.

These financial assets are loan receivables from subsidiaries and the Company notes there is no history of default on such arrangements. As there has been no significant increase in credit risk, the Company has assessed these based on a 12-month expected credit loss. The impairment of the loan receivables due to the requirements under IFRS 9 are set out below:

As at 31 March (£ millions)	2021 Gross	2021 Impairment	2021 Net carrying value	2020 Gross	2020 Impairment	2020 Net carrying value	2019 Gross	2019 Impairment	2019 Net carrying value
Receivables from subsidiaries - current	1,077	(3)	1,074	960	(2)	958	1,270	-	1,270
Receivables from subsidiaries – non-current	4,992	(28)	4,964	4,792	(22)	4,770	3,628	-	3,628
Total	**6,069**	**(31)**	**6,038**	**5,752**	**(24)**	**5,728**	**4,898**	**-**	**4,898**

Movement in allowances for expected credit losses of financial assets

Year ended 31 March (£ millions)	2021	2020	2019
At beginning of year	24	-	-
Charged during year	7	24	-
At end of year	**31**	**24**	**-**

54 Reconciliation of movements of liabilities to cash flows arising from financing activities

(£ millions)	Short-term borrowings	Long-term borrowings
Balance at 1 April 2018	**497**	**3,070**
Proceeds from issue of financing	-	1,214
Repayment from issue of financing	(547)	-
Reclassification of long term debt	768	(768)
Foreign exchange	49	88
Arrangement fees paid	-	(18)
Fee amortisation	1	7
Reclassification of long term debt fees	(1)	1
Balance at 31 March 2019	**767**	**3,594**
Proceeds from issue of financing	-	1,486
Repayment of financing	(826)	-
Reclassification of long term debt	477	(477)
Foreign exchange	6	155
Arrangement fees paid	(1)	(8)
Fee amortisation	2	8
Reclassification of long term debt fees	(1)	1
Balance at 31 March 2020	**424**	**4,759**
Proceeds from issue of financing	-	1,034
Repayment of financing	(425)	-
Reclassification of long term debt	525	(525)
Foreign exchange	-	(309)
Arrangement fees paid	-	(11)
Fee amortisation	-	11
Balance at 31 March 2021	**524**	**4,959**

55 Related party transactions

Tata Sons Limited is a company with significant influence over the Company's ultimate parent company Tata Motors Limited. The Company's related parties therefore include Tata Sons Limited, subsidiaries and joint ventures of Tata Sons Limited and subsidiaries, associates and joint ventures of Tata Motors Limited. The Company routinely enters into transactions with these related parties in the ordinary course of business.

The following table summarises related party balances:

(£ millions)	With subsidiaries	With immediate parent
31 March 2021		
Loans to subsidiaries of Tata Motors Limited	6,038	-
Loans from subsidiaries of Tata Motors Limited	34	
31 March 2020		
Loans to subsidiaries of Tata Motors Limited	5,728	-
Loans from subsidiaries of Tata Motors Limited	36	
31 March 2019		
Loans to subsidiaries of Tata Motors Limited	4,898	-
Loans from subsidiaries of Tata Motors Limited	37	

Compensation of key management personnel

Year ended 31 March (£ millions)	2021	2020	2019
Short-term benefits	6	4	4
Post-employment benefits	1	-	-
Other long-term employee benefits	1	1	-
Total compensation of key management personnel	**8**	**5**	**4**

Apart from the directors, the Company did not have any employees and had no employee costs in the years ended 31 March 2021, 2020 and 2019. All directors' costs are fully recharged to Jaguar Land Rover Limited.

56 Auditor's remuneration

Amounts receivable by the Company's auditor and its associates in respect of services to the Company and its associates, other than the audit of the Company's financial statements, have not been disclosed as the information is required instead to be disclosed on a consolidated basis in the consolidated financial statements.

57 Ultimate parent company and parent company of larger group

The immediate parent undertaking is TML Holdings Pte. Ltd. (Singapore), which is the parent for the smallest group to consolidate these financial statements. The ultimate parent undertaking and controlling party is Tata Motors Limited, India, which is the parent of the largest group to consolidate these financial statements.

Copies of the TML Holdings Pte. Ltd. (Singapore) consolidated financial statements can be obtained from the Company Secretary, TML Holdings Pte. Ltd. 9 Battery Road #15-01 MYP Centre, Singapore 049910.

Copies of the Tata Motors Limited, India consolidated financial statements can be obtained from the Company Secretary, Tata Motors Limited, Bombay House, 24, Homi Mody Street, Mumbai-400001, India.

58 Subsequent events

On 1 April 2021, the company agreed a revolving credit facility of £1,310 million which will become available when the existing facility expires in July 2022. The new facility will be available in full until March 2024.

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