



LS 2 HOLDINGS LIMITED
Company Registration No.: 202016972G

ENVIRO TECH INNOVATION HUB @ TP (ETIH@TP) FACT SHEET

s/n		Descriptions
1	What is ETIH@TP	<ul style="list-style-type: none"> • To establish an ideation & learning space for development, test-bedding and sharing of industrial best practices and benchmarking for industrial adoption in collaboration with industry players, trade associations, institutes of higher learning (IHLs) and government agencies. • Working closely with partners, ETIH@TP aims to gather different perspectives and thoughts and transform them into ideas and projects to create products and services that could uplift the entire environmental cleaning industry. • We also aim to upskill the workforce with facilitated training and coaching programmes that are validated collectively by government agencies, IHLs and trade associations.
2	The underlying inspiration to initiate ETIH@TP	<ul style="list-style-type: none"> • Because of urbanization, Covid-19 pandemic and mandatory Environment, Social and Governance (ESG) reporting, the demand for environmental cleaning services continues to rise. • The common approach of increasing manpower to meet the service demand, quantitatively and qualitatively, is not sustainable as a result of our manpower constraints and aging society. • It is therefore crucial to transform and level up the environmental cleaning industry by optimizing operations and processes, developing and adopting technologies as well as upskilling workers for long term productivity gain and sustainable growth. • In alignment with the objectives of the Environment Services Industry Transformation Map (ES ITM), EITH@TP aims to make our contribution by developing capability, test-bedding and sharing of industrial best practices and benchmarks for adoption of robotics & automation technologies in Built Environment, digital performance/outcome evaluation for productivity and low carbon emission operation in Built Environment.
3	Who are involved in ETIH@TP	<ul style="list-style-type: none"> • National Environment Agency (NEA), Institutes of Higher Learning (IHLs) and enviro tech consortia. • ETIH@TP is a Living Laboratory hosted in Temasek Polytechnic (TP), coordinated by TP, EMAS and LS 2 Holdings Limited in collaboration with enviro tech consortium partners namely Republic Power Pte Ltd, Cleantools Pte Ltd, Karcher Singapore Pte Ltd & Nilfisk Pte Ltd.

s/n		Descriptions	
4	What are the roles of each consortium party.	<p><u>Party</u></p> <p>Temasek Polytechnic</p> <p>EMAS</p> <p>LS 2 Holdings</p> <p>Republic Power</p>	<p><u>MOU's Scope</u></p> <ul style="list-style-type: none"> • Jointly develop and commercialise innovative engineering solutions in the areas of environmental cleaning via staff-student projects and student internship programs. • Offer the use of TP's facilities such as classroom, lecture theatre and laboratory space for the conduct of joint CET courses and industry outreach activities. • Promote joint CET courses through online advertisements on TP's website. • Work with various industry groupings for transformation to Environmental Management, Technology and Service. • Collaborate and develop short working stints, job shadowing opportunities and internship programs. • Collaborate with ETIH@TP to provide cross functional skillset training to NEA licensed cleaning companies. • Generate awareness for career prospects in cleaning enviro tech and environmental cleaning management and services. • Jointly develop and commercialise innovative engineering solutions in the area of environmental cleaning via staff-student projects and student internship programmes. • Create opportunity for student internship programmes. • Provide technical training / operating practices participants in the emerging areas of environmental cleaning. • To develop Smart FM Platform with consortium partners in ETIH@TP. • Jointly develop and commercialise innovative engineering solutions in the area of environmental cleaning via staff-student projects and student internship programmes. • Create opportunities for student internship programmes.

s/n		Descriptions
		<ul style="list-style-type: none"> • Provide technical training / operating practices participants in the emerging areas of environmental cleaning.
		<p>Cleantools</p> <p>Karcher</p> <p>Nilfisk</p> <ul style="list-style-type: none"> • Provide facilities and equipment for the conduct of CET courses. • Contribute specialised equipment, robots and technological knowhow to jointly develop and commercialise innovative engineering solutions as well as educational and upskilling programs in the area of environmental cleaning and integrated facility management. • Create student internship and staff industry attachment opportunities for students and staff from IHLs.
5	How ETIH@TP could benefit the environment cleaning industry?	<ul style="list-style-type: none"> • Build a 'Living laboratory' and training facilities for developing capabilities and test-bedding innovative solutions in sustainability and integrated facilities management. • Consultation and development in the adoption of Outcome Based Contracting (OBC). • WSQ training to support PWM in Environmental Cleaning Industry. • Robotics, IoT and automation R&D. • Solutions for industry via joint-tech consortium collaboration. • Encourage participation and expansion of like-minded practitioners to grow and contribute to the development of tech solutions, innovations and robotics for the environmental cleaning industry.
6	Funding and Operational support for ETIH@TP	<ul style="list-style-type: none"> • Jointly managed by ETIH@TP partners.
7	Official Opening of ETIH@TP	<ul style="list-style-type: none"> • By the end of 2023
8	Operating Hours of ETIH@TP	<ul style="list-style-type: none"> • Monday to Friday, 8:30am to 6:00pm

s/n	Descriptions			
9	MOU Signing ceremony will be witnessed by: 1. Mr Ng Chun Pin, Deputy CEO (Planning, Corporate and Technology) of NEA 2. Mr. Aw Tuan Kee, Deputy Principal of Temasek Polytechnic			
	MOU Signing event venue: Sands Expo and Convention Centre, Marina Bay Sands			
	MOU Signatories			
		Organisation		Name & Designation
	1	Temasek Polytechnic	:	Mr. Song Kwok Yuen Director, School of Engineering
	2	EMAS	:	Mr. Tony Chooi EMAS President
	3	LS 2 Holdings Limited	:	Mr. Alvin Ong CEO & Executive Director
	4	Republic Power Pte Ltd	:	Mr. Long ZiYang CEO
	5	Cleantools Pte Ltd	:	Mr. Michael Yeo CEO
	6	Karcher Singapore Pte Ltd	:	Mr. Vincent Sim Managing Director
	7	Nilfisk Pte Ltd	:	Mr. Quek Yan Chye General Manager
	Supporters			
	1	Temasek Polytechnic	:	Dr. Kwan Kian Hoong Director, Temasek SkillsFuture Academy
			:	Mrs. Lay-Tan Siok Lie Senior Advisor, Principal's Office
			:	Mr. Efren Balajadia Head, Integrative Built Environment Centre
			:	Mr. Ng Kee Wee Deputy Director, School of Engineering
	2	EMAS	:	Ms. Sharon Kee EMAS Honorary Secretary
			:	Mr. Terence Wee EMAS Executive Director
	3	LS 2 Holdings Limited	:	Mr. Tan Hoo Kiat Executive Chairman & Executive Director
			:	Mr. Lay Shi Wei The Company Sponsor
4	Republic Power Pte Ltd	:	Mr. Darren Loi Chief Commercial Officer	
5	Cleantools Pte Ltd	:	Ms. Charmaine Yeo Operations Director	
6	Karcher Singapore Pte Ltd	:	Ms. Priscilla Khoo Asst Marketing Manager	
7	Nilfisk Pte Ltd	:	Mr. Ryan Wu Sales Director	

This announcement has been prepared by the Company and its contents have been reviewed by the Company's Sponsor, RHT Capital Pte. Ltd. (the "**Sponsor**"), for compliance with the relevant rules of the Singapore Exchange Securities Trading Limited (the "**SGX-ST**"). This announcement has not been examined or approved by the SGX-ST and the SGX-ST assumes no responsibility for the contents of this announcement, including the correctness of any of the statements or opinions made or reports contained in this announcement.

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