

FORGE THE FUTURE

EMERGING STRONGER TOGETHER



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CORPORATE PROFILE

The Singapore Manufacturing Federation (SMF) is the largest national organisation representing the interest of manufacturing and manufacturing-related industries since 1932.

Today, the SMF is a forefront trade federation serving the manufacturing community by driving digitalisation, innovation-led productivity, business transformation and internationalisation towards enhancing the competitiveness of its member companies.

Currently, the SMF membership stands at about 5,000 members, comprising SMEs, MNCs and affiliate members. Member companies are categorised into 10 Industry Groups and supported by the SMF's Associated Services to address each industry's unique and specific needs and interests.

The SMF collaborates with local and overseas government agencies, industry partners and enterprises to provide key services such as representation of members' views in dialogues with the authorities; increasing business opportunities through local and international trade fairs and missions; building capabilities through conferences, seminars, workshops and other industry-specific programmes; and transforming businesses with business model innovation.

OUR VISION

To be a world-recognised national federation with a strong membership base from the manufacturing sector, committed to creating value and services for our members, the manufacturing sector and Singapore.

OUR MISSION

To represent the business interests of the Singapore manufacturing sector, and to facilitate its competitiveness and sustainable growth.



PRESIDENT'S MESSAGE

Dear Fellow Members,

The financial year 2020/2021 saw the continued fight against the COVID-19 pandemic which has disrupted global economic activity. Supply and demand uncertainty – the decline in external demand and disruption of supply chains have hurt manufacturing sectors in Singapore, especially those with an outward focus.

However, we should be proud that our manufacturing community has demonstrated a strong adaptability to change, perseverance and resilience. Against the backdrop of the pandemic, the manufacturing sector in Singapore continues to report growth, with overall manufacturing output increasing by 7.3 percent in 2020 compared to 2019 figures. Cognisant of the importance of the manufacturing community, the Singapore government announced a 10-year plan for the manufacturing sector earlier in 2021, which aims to transform Singapore into a global business, innovation and talent hub for advanced manufacturing.

This vindicates the Federation's efforts in the preceding two years in encouraging and facilitating adoption of advanced manufacturing technologies. The firm commitment to help the manufacturing community transform and grow more resilient in the process is built on a bedrock of the Federation's strong local and global network of partners and programmes.

In the year that has just passed, the SMF continued with its stable of signature activities and dialogue sessions, albeit, taken to the virtual environment online. As part of our efforts to ensure members have an understanding of current policies and government measures supporting businesses, notable mentions include separate closed-door ministerial dialogue sessions with then Minister for Trade and Industry Mr Chan Chun Sing and Minister for Manpower Mrs Josephine Teo. The NTUC Secretary-General Mr Ng Chee Meng as well as Members of Parliament (MPs) Mr Melvin Yong and Ms Tin Pei Ling were also warmly welcomed at the SMF.

In the challenging year that has passed, the SMF swiftly implemented a series of inaugural initiatives to support the needs of the industry. These efforts include the launch of the Manufacturing Alliance Transformation Office (MATO), an industry 4.0 initiative tailored for SMEs to embark on the next level of industrial transformation. MATO assists local manufacturers in upgrading their production capabilities by connecting them with Industry 4.0 solution providers and advising them on government assistance. MATO has also worked with the Singapore Business Federation on the Industry 4.0 Human Capital Initiative (IHCI), a programme designed to prepare companies with the people management and job redesign skills necessary for Industry 4.0.

The SMF also set up the SMF HELPS! Telegram chat group in August 2020. Manned by the SMF Secretariat, this provides our SMF Community first-stop assistance on changes to government policies. Today, more than 1100 users have subscribed to the chat group, forging an ecosystem where help is readily available not just from the SMF Secretariat, but also from members of the SMF sharing their experiences to overcome similar challenges. The SMF also provides



Several new initiatives last year included having an onsite Human Resource Project Manager to help displaced workers find employment. More importantly, the Federation's membership team has increased its interaction with individual members and the frequency of activities. I thank all of our members for participating in the activities. It is wonderful to see how positive the community has reacted to these initiatives. Without your support, these initiatives would be nothing more than empty shells. I am certain that we can forge the future and emerge stronger together by focusing on resilience capability building,

additional support to its members, including free membership until December 2021 and financial assistance through its SMF Acts! Steer Fund.

Other initiatives move in the direction of assisting our members go international. With an eye towards diversification, the SMF established a Shenzhen Liaison Office to help members expand into China. Additionally, Enterprise Europe Network (EEN) Singapore led two Business and Technology Partnership matching sessions. In September 2020, two business matching sessions were held to help local companies gain access to the European market. The first was hosted in collaboration with the Polish National Support Center for Agriculture (KOWR). Besides a matching session with Polish companies, the online event provided an overview of the Polish

Without your support, these initiatives would be nothing more than empty shells. I am certain that we can forge the future and emerge stronger together by focusing on resilience capability building, working together to advance our businesses technologically.

Food and Beverage (F&B) industry, market entry strategies, and business offerings from Polish companies, with support from the Embassy of the Republic of Poland in Singapore. The second was a Netherlands-Singapore Technology Partnerships Business matching session between Dutch and local companies, hosted in partnership with EUREKA GlobalStars-Singapore. Call, the Netherlands Innovation Network, and the Netherlands Enterprise Agency.

working together to advance our businesses technologically.

On behalf of the Council, I would like to express my heartfelt gratitude to all our stakeholders, our industry partners, the secretariat, and our members who are instrumental in our success.

Thank you for your unwavering support. Let us stride forward with optimism and stand ready to ride the crest of the coming economic upturn together!

YEAR IN A GLANCE

APR 2020

Lifestyle Industry Group Fireside Chats! 1st Episode

The SMF's Lifestyle Industry Group (LIG) launched the first episode of LIG Fireside Chats! with Founder and CEO of SKALE Ms Yuet Whey Siah on 22 April 2020. In this episode, Ms Yuet shared how retail businesses may capitalise new opportunities and extract value from e-commerce channels to bounce-back even in times of crisis.

Combat the COVID-19 Crisis! Go Digital Today Webinar

The SMF's Centre for Corporate Learning launched its first webinar in a series of webinars titled "Combat the COVID-19 Crisis! Go Digital Today" on 24 April 2020. The webinar came timely when the circuit breaker started and companies were scrambling to go digital for business survival. This webinar episode had speakers sharing ways to generate demand through digital marketing and available WSG programmes for SMEs through SMEC@SMF.

MAY 2020

Launch of the COVID-19 PIVOT Transformation Programme

The SMF's GBG and the International Networks and Strategic Department launched the COVID-19 PIVOT Transformation Programme, a six-series webinar that cover a range of interesting topics from how to leverage digital tools to Indonesia's

halal certification, GST reserve charge to fundamental data, business transformation during COVID and internationalisation frameworks. In the first webinar on 6 May 2020, Consulus Pte Ltd CEO, Mr Lawrence Chong was invited to share how businesses can navigate through COVID-19 challenges.

Safe Hands Campaign 2020

In partnership with Workplace Safety and Health Council (WSHC), the SMF launched the Safe Hands Campaign 2020 virtually on 19 May 2020 to raise awareness on machinery safety and preventive measures that can be put in place. Some 300 companies pledged their commitment to prevent hand injuries in the workplaces and were acknowledged during the campaign.

JUN 2020

Launch of Engineering TV

The SMF's Smart Automation Industry Group launched the Engineering TV on 29 June 2020, a webinar series that aims to guide the manufacturing sector to look into digitalising processes for resilience. In the first webinar, speakers from Arcstone and HP Inc shared how companies could transform with solutions such as 3D Printing.

JUL 2020

Virtual SAF Day 2020

For the eighth consecutive year, the SMF organises the SAF Day Combined Rededication Ceremony

for the East Zone to commemorate and pay tribute to all SAF servicemen and women who played a part in making Singapore a safer home. The SAF Day Ceremony was held virtually for the first time on 1 July 2020, the SMF was one of five civilian organisations chosen to conduct the ceremony on site.

MOU Signing with the Confederation of Industrial Chambers of Mexico

The SMF signed a MOU with the Confederation of Industrial Chambers of Mexico (CONCAMIN) on 22 July 2020 to assist member-companies who are interested to expand their businesses in Mexico. The signing ceremony also saw SMF Deputy President Mr Alessandro Perrotta appointed as Ambassador of the CONCAMIN to Singapore.

AUG 2020

Meeting with the Singapore Business Federation (SBF)

The SMF received the SBF's new Chairman Mr Lim Ming Yan, who was elected in July 2020, and his delegation from the SBF on 3 August 2020. During the meeting, both Federations shared some possible collaborative opportunities that will benefit the business community during this challenging time. A reciprocal visit was held at the SBF on 3 December 2020.

Launch of SMF Helps! Telegram Group Chat

The SMF launched the SMF Helps! Telegram Group Chat on 6 August 2020 as a 24/7 helpline for businesses to provide advice on Government policies changes. More than 1100 subscribers have

subscribed to the SMF Helps! Telegram Group Chat since its launch.

Launch of Singapore COVID-19 Cleaning and Disinfection Industry Taskforce (CDITF)

The SMF Energy and Chemicals Industry Group (E&C IG) launched the CDITF on 28 August 2020 to establish a platform for the Cleaning, Disinfection and Hygiene industry. Since the launch of the CDITF, the taskforce has collaborated with the National Environment Agency (NEA) to published a Disinfectant Industry Guidance, with references to overseas standards such as the European Standard - EN 1040 and EN 13697.

SEP 2020

Launch of the SS 656 Design, Development and Validation of miRNA-based diagnostic

The SMF-Standards Development Organisation (SMF-SDO) launched the SS 656 on 4 September 2020, the first national standard in the world on design, development and validation of miRNA-based diagnostic.

2020 e-AGM

The SMF held its first virtual AGM on 16 September 2020, where SMF President Mr Douglas Foo announced membership waiver for all existing and new members and set up of the SMF Acts! Steer Fund to help members build their business capabilities to overcome this challenging time.

MOU Signing with the Chamber of Industries of Costa Rica (CICR)

The SMF signed a MOU with CICR on 16 September 2020 to strengthen business relations

and promote economic cooperation between enterprises both in Singapore and Costa Rica.

OCT 2020

Hybrid Dialogue Session with Minister Chan Chun Sing

The SMF held a hybrid dialogue session with then Minister for Trade and Industry Mr Chan Chun Sing on 2 October 2020, where he took questions from the audience and conducted impromptu online polls to gather feedbacks on the business climate.

MOU Signing with Singapore Pte Ltd (HP)

The SMF signed a MOU with HP on 19 October 2020 to provide 3D-Printing-as-a-Service to the manufacturing community in Singapore.

Industrial Transformation ASIA-PACIFIC (ITAP) 2020

The SMF led a virtual Singapore Pavilion with Enterprise Singapore at the third edition of ITAP from 20 to 22 October 2020. Some 20 local companies showcased their offerings under the jointly led virtual Singapore Pavilion.

Hybrid Dialogue Session with Minister Josephine Teo

The SMF organised a hybrid dialogue on 22 October 2020 with then Minister for Manpower Mrs Josephine Teo and her team namely, current Minister for Manpower Dr Tan See Leng and Minister of State Mr Zaqu Mohamad.

Meeting with Member of Parliament (MP) for Radin Mas Mr Melvin Yong

SMF President Mr Douglas Foo and SMF Secretary-General Mr Lawrence Pek met with the

MP for Radin Mas Mr Melvin Yong on 29 October 2020 to discuss possible collaborations with the SMF to support the manufacturing community.

First Members' Welcome Event

With support from RHB Singapore, the SMF held its' first Members' Welcome on 29 October 2020, where SMF's new members are gathered to build networks with fellow business owners.

NOV 2020

MOU Signing with China Enterprises Association (Singapore) (CEA)

The SMF signed a goodwill MOU with CEA on 18 November 2020 to promote business collaborations between the SMF and CEA. The MOU signing was witnessed by Economic and Commercial Minister Counsellor, Embassy of China in Singapore, Mdm Zhong Manying and Singapore MP for Macpherson and CEO of Business China, Ms Tin Pei Ling.

Workplace Safety and Health (WSH) Awards 2020

The SMF held the 12th edition of the WSH Awards on 24 November 2020 for the awardees of the WSH Innovation Awards (Manufacturing) and WSH Awards for Supervisors (Manufacturing) to recognise their efforts towards upholding workplace safety and health at their workplaces.

Hybrid Dialogue Session with NTUC Secretary-General Mr Ng Chee Meng

The SMF organised a dialogue session with National Trades Union Congress (NTUC) Secretary-General Mr Ng Chee Meng on 30 November 2020, covering a wide range of topics from training and

employment challenges arising from the pandemic, competitiveness of the Singapore workforce and the support available for businesses from the NTUC network.

DEC 2020

Christmas Celebration at the SMF

The SMF held its annual Christmas celebration during its new members' welcome on 9 December 2020, with support from RHB Singapore. Over 50 SMF Member companies participated in the festivities across two sessions.

JAN 2021

Launch of the Manufacturing Alliance Transformation Office (MATO)

A national initiative led by the SMF, MATO was launched in January 2020 to assist local manufacturers in upgrading their production capabilities by matching them with Industry 4.0 solutions providers and advising them on available Government Assistance.

PEPPOL e-invoicing Adopted

The SMF adopted PEPPOL e-invoicing in January 2021 to digitalise its invoicing process. The SMF is one of the first TACs in Singapore to adopt PEPPOL e-invoicing.

Closed-Door Dialogue Session with Enterprise Singapore

The SMF held a closed-door dialogue with Enterprise Singapore Chief Executive Officer Mr Png Cheong Boon

and his team, together with SMF Council members on 22 January 2021. Plans on how both organisations can further grow the manufacturing sector in Singapore through their joint efforts were the key topics for discussion.

MAR 2021

Launch of the Packaging Partnership Programme (PPP)

Together with the National Environment Agency (NEA), the SMF officially launched the PPP during the Singapore Packaging Agreement (SPA) Awards on 24 March 2021. The PPP aims to develop industry capability in the sustainable management of packaging waste, and help companies to better understand their Mandatory Packaging Reporting (MPR) obligations.

Safe Hands Campaign 2021

Together with WSHC, the SMF launched the Safe Hands Campaign 2021 on 25 March 2021 as a webinar, with 450 industry professionals in attendance. SMF President Mr Douglas Foo gave the welcome address, while Minister of State for Manpower Mr Zaqu Mohamad gave the opening address.

KEY FIGURES & STATISTICS

5000

SMF Members (SMEs, MNCs & affiliate members)



33 Webinars, Dialogues, & Meetings

2262 Local Companies signed up for EEN

907 Expression of interest from European Companies for EEN

290 Training classes conducted by CCL

*Excludes customised PCP Regional mentorship sessions conducted for participants

s\$22.7
MILLION

Sales Generated by Exhibitors at Trade Fairs

1K

Interns that went through GRT Programme

70

Total Delegates

48

Incoming Delegations

25

Ambassadors, Ministers, & other VIPs received

5907

SME cases attended by SMEC@SMF

3

Trade Fairs

Awards Received by the SMF



NS Mark (Gold)



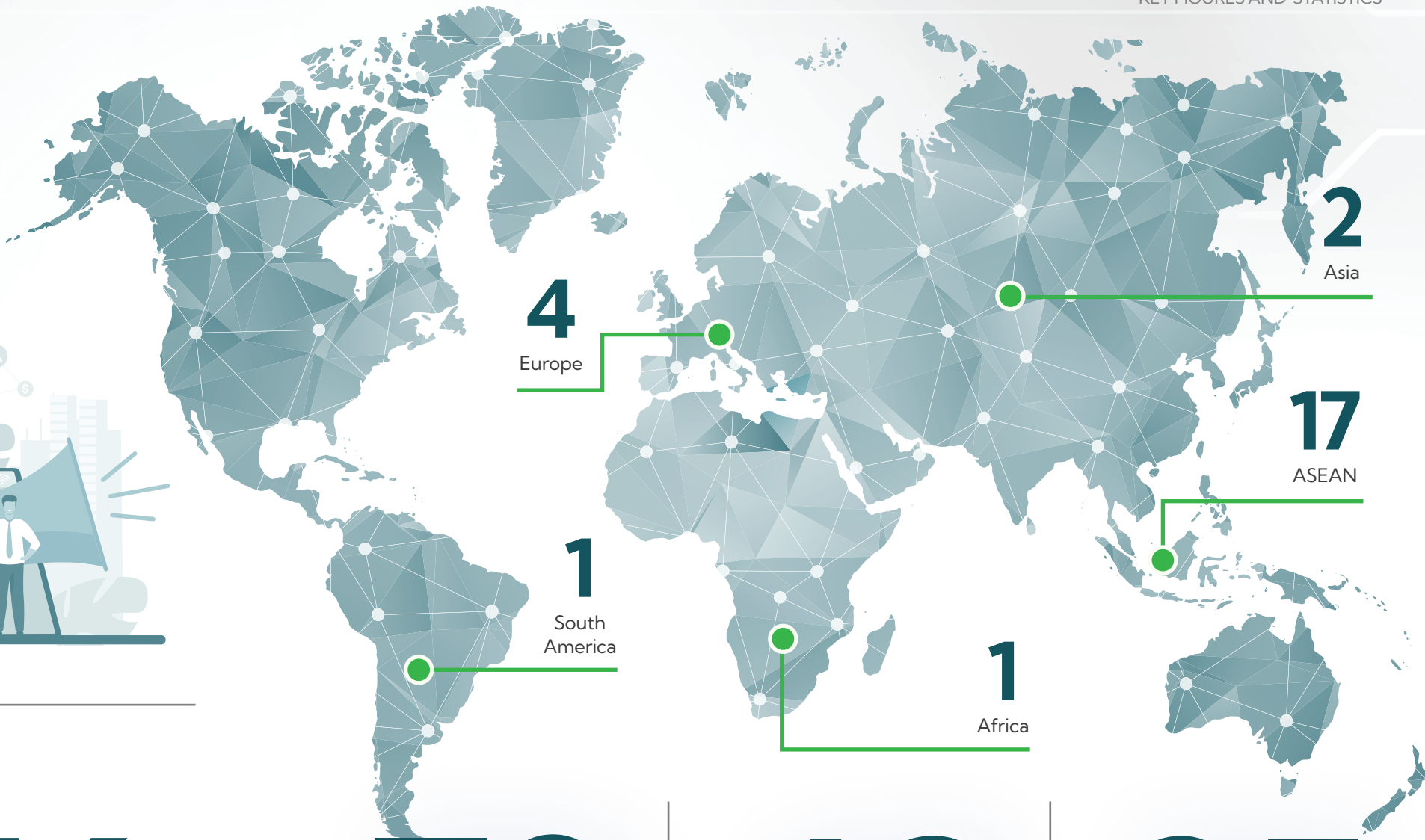
NS Advocate for Organisations



bizSAFE (level 3) Certification



Eco-Office Award 2019-2021



MEMBERSHIP PROFILE

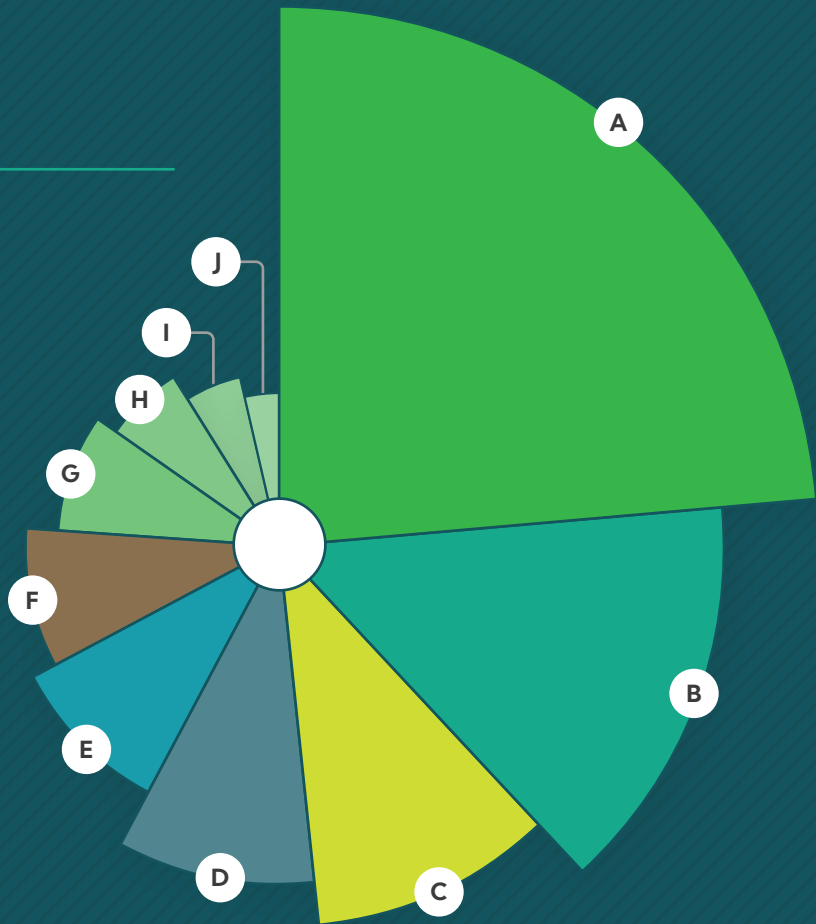
SMEs and MNCs



*SME is defined as an enterprise with an annual sales turnover of under S\$100 million, or that employs less than 200 workers.

SMF's Industry Groups

- A** Electrical, Electronics and Allied Industries (EEAI) — **23.80%**
- B** Advanced Engineering and Manufacturing (AEM) — **14.27%**
- C** Food and Beverage (F&B) — **10.45%**
- D** Building Products and Construction Materials (BPCM) — **9.48%**
- E** Lifestyle — **9.42%**
- F** Energy and Chemicals (E&C) — **8.83%**
- G** Smart Automation (SA) — **8.56%**
- H** Medical Technology (MT) — **6.52%**
- I** Packaging Council of Singapore (PCS) — **5.33%**
- J** Life Sciences (LS) — **3.34%**



ASSOCIATED SERVICES

Supported by its Associated Services, the SMF provides a comprehensive, one-stop platform for manufacturing and manufacturing services, helping local companies grow and flourish.

The Associated Services and their offered services include:



Enterprise Europe Network Singapore
Connects Singapore and EU companies by promoting business and technology partnerships.



GS1 Singapore
Provides Global Standards for supply chain, leveraging on technology tools such as Barcoding, RFID and EDI, etc.



Manufacturing Alliance Transformation Office
A national initiative led by the SMF to assist local manufacturers in upgrading their production capabilities with Government Assistance.



Singapore Innovation & Productivity Institute
Provides consultancy and training on issues of innovation and productivity. Drives Business Model Innovation.



SME Centre@SMF
Helps SMEs start, sustain, and grow their businesses through business diagnosis, advisory, information on government schemes and capability workshops.



SMF Centre for Corporate Learning
Training and upskilling of the workforce.



SMF Standards Development Organisation
Develops, promotes and implements local and international standards.

EXECUTIVE COMMITTEE



MR DOUGLAS FOO, PBM, BBM
President
Chairman, GS1 Singapore
Chairman, SMF Enterprises Pte Ltd
Chairman, SMF Biz Search Pte Ltd
Chairman, Sakae Holdings Ltd



MR ALESSANDRO PERROTTA
Deputy President
Chairman, Innovation & Productivity
Function Committee
CEO, Interplex Holdings Pte Ltd



MR RYAN CHIOH, PBM
Honorary Secretary
Chairman, Secretariat Management
Committee
Managing Director, FarEastFlora.com Pte Ltd



MR SAW KEN WYE
Honorary Treasurer
Chairman, Finance Management Committee
Chairman, Risk Review Committee
CEO, CrimsonLogic Pte Ltd



MR RENNY YEO, PBM, BBM
Emeritus President



MR POH CHOON ANN, PBM
Vice President
Group Chairman, Poh Tiong
Choon Logistics Limited



MR TEO ENG CHEONG
Vice President
Director of Corporate Office,
Keppel Corporation Limited



MR PATRICK CHANG
Chairman, Membership & Industry
Groups Function Committee
Managing Director, Paclin Office
Products Pte Ltd



MR VINCENT WONG
Chairman, Technology & Transformation
Function Committee
Director, Research & Advanced Engineering
Singapore
Continental Automotive Singapore Pte Ltd



MS MAY NG
Chairman, Youth Network
Function Committee
Global Director, Regulatory &
Quality Consultant
ARQon Pte Ltd

COUNCIL

MEMBERS



- 1. MR CHAN HAI KIANG**
Chairman, Advanced Engineering and Manufacturing Industry Group (Previously known as Metal, Machinery & Engineering Industry Group) (Appointed from 22 February 2021)
Managing Director, Flexspeed Technology Pte Ltd
- 2. MR JASON KUREK**
Chairman, Building Products and Construction Materials Industry Group
General Manager / Director, Allegion (Asia) Pte Ltd
- 3. MS JOYCE SEOW**
Chairman, Electrical, Electronics and Allied Industries Industry Group
Group Executive Director, Watson E.P. Industries Pte Ltd
- 4. MR SIMON LI**
Chairman, Energy and Chemicals Industry Group
Chairman, SME Centre @ SMF
Chief Executive Officer, Feoso Oil (Singapore) Pte. Ltd
- 5. MR CHEONG CHUNG KIN**
Chairman, Food & Beverage Industry Group
Chief Executive Officer, Win Sin Pte Ltd
- 6. MR KIMMING YAP**
Chairman, Lifestyle Industry Group
Managing Director, Creativeans Pte Ltd
- 7. MR MOHAN KUMAR**
Chairman, Life Sciences Industry Group
CEO and Managing Director, Strides Pharma Global Pte Ltd
- 8. MR HENRY TAN, PBM**
Chairman, Medical Technology Industry Group (Appointed from 22 June 2021)
Group Managing Director, Alpha-Health (Asia) Pte Ltd
- 9. MS BETTY TAN, PBM**
Chairman, Packaging Council of Singapore Industry Group
Deputy Managing Director, Sin Cheong Containers Mfg Co Pte Ltd
- 10. MR DAVID CHIA**
Chairman, Smart Automation Industry Group (Appointed from 5 April 2021)
Managing Director, Beckhoff Automation Pte Ltd
- 11. MR LENNON TAN**
Council Member (Appointed from 21 October 2020)
Group Chairman, ADERA Global Group
- 12. MS ANGELINE SUPARTO**
Deputy Chairman, Ethics and Corporate Governance Management Committee
Managing Director, Angeline Suparto Law Corporation
- 13. MR LOW BENG TIN, PBM, BBM (L)**
Chairman, SMF Centre for Corporate Learning Pte Ltd
Managing Director, Assimilated Technologies (S) Pte Ltd
- 14. MR BIRCH SIO**
Chairman, SMF Singapore Innovation & Productivity Institute (SiPi) Pte Ltd
Managing Consultant & Director, Concord Associates Pte Ltd
- 15. MR NG TIAN BENG**
Deputy Chairman, Technology & Transformation Function Committee (Appointed from 24 September 2020)
Senior Vice President & General Manager, Channel, Asia Pacific Japan (APJ) Dell Global B.V. (Singapore Branch)
- 16. MR LEE TIONG HENG**
Deputy Chairman, Finance Management Committee
Partner, Deloitte LLP
- 17. MR YEO CHEONG GUAN**
Council Member
Managing Director, Eng Bee Paper Merchant Pte Ltd
- 18. MS MARGARETA LAMINTO**
Council Member (Appointed from 22 February 2021)
Group Chief Operating Officer, Fullerton Health Pte Ltd
- 19. MS VIVIAN CHUA**
Council Member (Appointed from 16 December 2020)
Head of Singapore and Malaysia & Managing Director, Singapore HP PPS Singapore (Sales) Pte Ltd
- 20. MR CHUA CHEE SEONG**
Council Member
President and Managing Director, Infineon Technologies Asia Pacific Pte Ltd
- 21. MS ZHANG JIA LIN**
Deputy Chairman, Public Relations Corporate Communications Function Committee
Director, Info Health Sciences Pte Ltd
- 22. MR NEO ENG CHONG**
Council Member
CEO / President, Makino Asia Pte Ltd
- 23. MR ADAM HAMID**
Deputy Chairman, Membership and Industry Groups Function Committee
Managing Director, Naina Mohamed & Sons Pte Ltd
- 24. DR RICKY SOUW**
Council Member
Chief Executive Officer, Sanwa Plastic Industry Pte Ltd
- 25. MR LIM MENG WEE**
Deputy Chairman, Health, Safety, Security & Environment Function Committee
Managing Director, SP Consulting (International) Pte Ltd
- 26. MR WAYNE SIM**
Council Member (Appointed from 5 April 2021)
Executive Director, Sing Chye Heng Investment Holdings Pte Ltd

The SMF thank these resigned Council Members for their services:

- 1. MR BRANDON LEE**
Intech Apac Pte Ltd (Resigned as of 28 December 2020)
- 2. MR JOHN KONG**
M Metal Pte Ltd (Resignation backdated to 1 January 2021)
- 3. MR DARREN LEE**
Metrohm Singapore Pte Ltd (Resigned as of 23 December 2020)
- 4. MR JAMES WONG**
O.E. Manufacturing Pte Ltd (Resigned as of 23 December 2020)
- 5. DR BICKY BHANGU**
Rolls-Royce Singapore Pte Ltd (Resigned as of 1 January 2021)
- 6. MR BERNARD ESSELINCKX**
Senoko Energy Supply Pte Ltd (Resigned as of 14 December 2020)

BOARD OF GOVERNORS



MR GEORGE HUANG, PBM, DSM
(Chairman of the Board of Governors)

Mr George Huang is the Managing Director of Amoy Canning Corporation (S) Ltd, a well-known local company in the Food & Beverage industry with a history of over 110 years. Mr Huang brings with him much familiarity of the SMF and its history.

Since the 1980s, Mr Huang has been part of the SMF family in various capacities and has held various appointments within the SMF. Mr Huang was elected as and served as the President of the SMF from 2010 to 2014; appointed as Emeritus President from 2014 to 2018, and is currently the Chairman of the Board of Governors of the SMF. Mr Huang is also a prominent face in the business community, having held other key appointments in various high profile organisations such as – Chairman of the Board of Governors of Chartered Management Institute–Singapore Branch; the Governing Council of Singapore Business Advisors & Consultants Council; as well as the Singapore Agro–Food Enterprises Federation.



MR GEORGE YEO

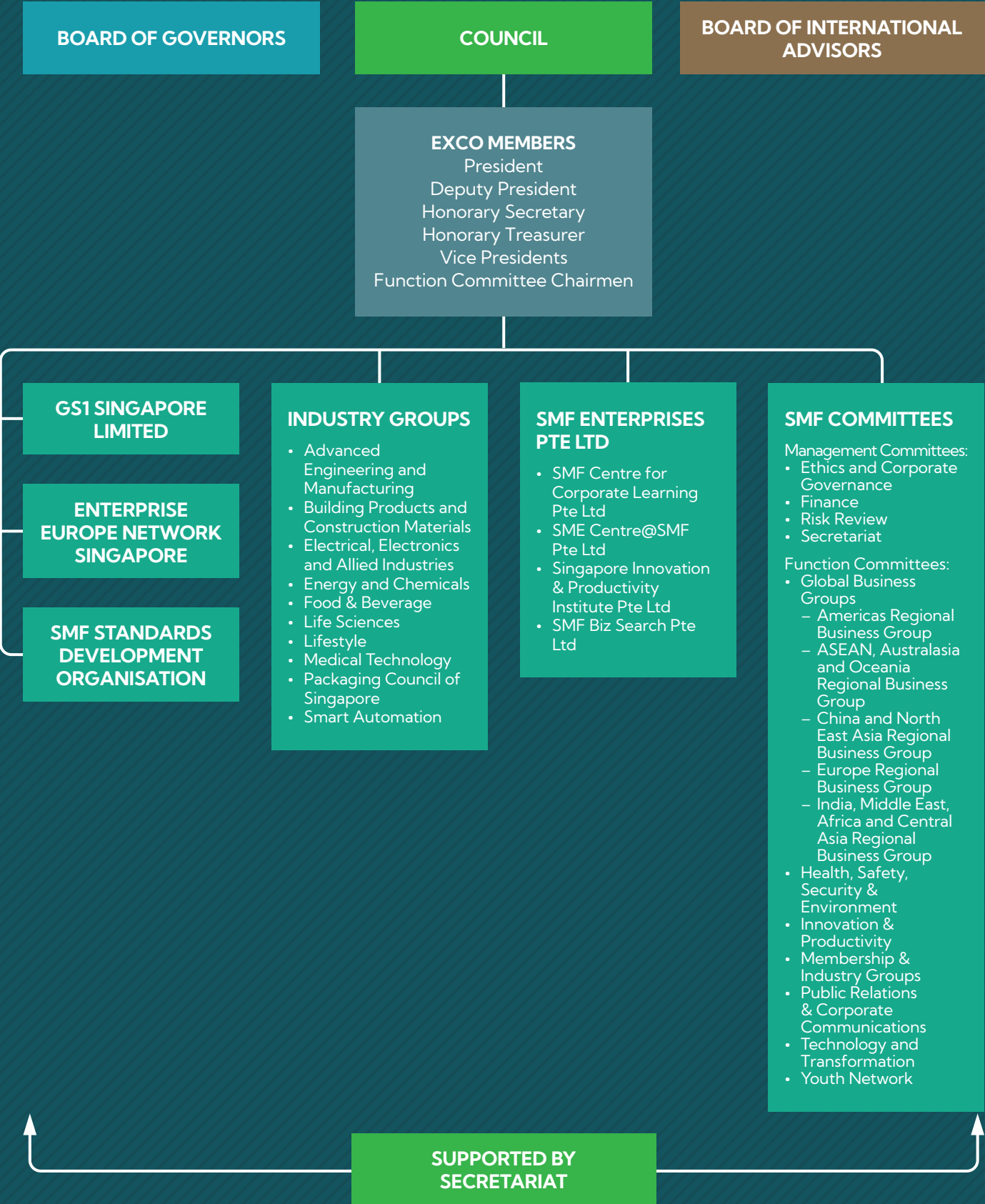
Mr George Yeo was in the SAF from 1972–1988 and, after entering politics, held various portfolios in the Singapore Government from 1988–2011. He was with the Kuok Group in HK from 2012 to 2021. From 2013 to 2020, he was a member of the Vatican’s Council for the Economy. He now holds various appointments as a visiting scholar at LKYSPP, as a board member of AIA and PDD, and as an adviser to a number of companies and academic institutions.



MR ROBERT CHUA, PBM, BBM

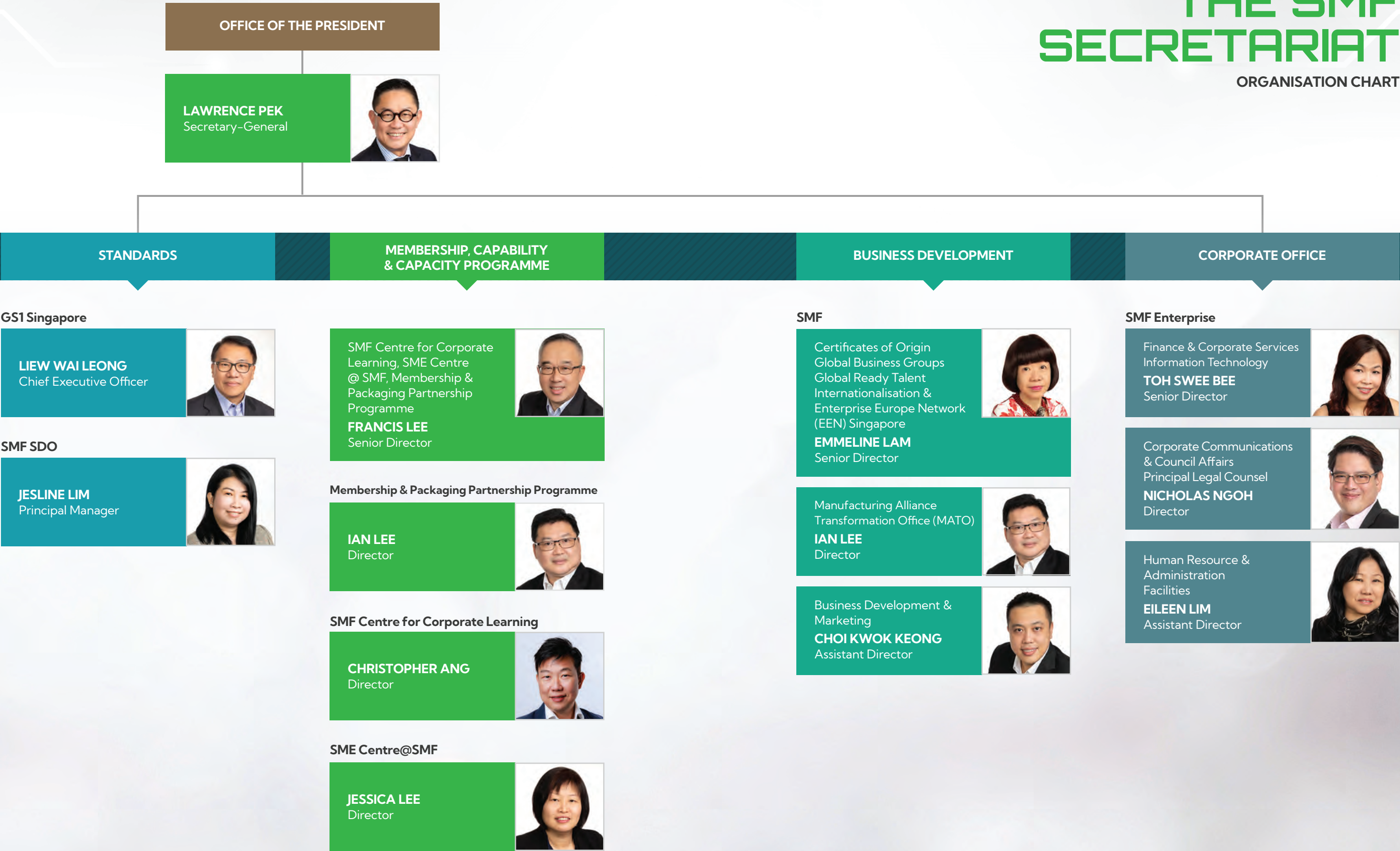
Mr Robert Chua is currently the Executive Chairman of the Excellent Family Lifestyle Group and the Corporate Advisor/ Consultant for Major Group Projects of China’s Haier Group. He is also the Chairman of the Board of Governors of the Institute of Management Consultants (Singapore). Mr Chua is considered one of the pioneers of the Singapore air conditioning industry. He co-founded the A.C.E Daikin Group in 1968, and served as its Executive Chairman and CEO until his retirement from the Group in 2002. Mr Chua is a former President of the SMF (then known as the Singapore Confederation of Industries)

SMF CORPORATE STRUCTURE



THE SMF SECRETARIAT

ORGANISATION CHART



COUNCIL MEMBERS SERVING ON GOVERNMENT STATUTORY BOARDS AND OTHER ORGANISATIONS*

Mr Douglas Foo, PBM, BBM

President, SMF
Chairman, SMF Enterprises Pte Ltd
Trustee, SMF Enterprises Pte Ltd
Chairman, SMF Biz Search Pte Ltd
Chairman, GS1 Singapore
Trustee, GS1 Singapore Ltd
Chairman, Sakae Holdings Ltd
Singapore Non Resident High Commissioner to Tanzania

- Member, ACCORD Employer & Business Council (E&B)
- Member, ACCORD (Main)
- Member, Alexandra Health Fund Limited
- Vice Chairperson, Andhra Pradesh – Singapore Business Council
- Singapore Nominated Representative, ASEAN Business Advisory Council
- Member, Eisenhower Fellowships Global Network Council
- President, Eisenhower Fellowships Singapore Society
- Member, India–Singapore CEO Forum Steering Committee
- Member, Indonesia–Singapore Business Council (MTI)
- Board Member, Intellectual Property Office of Singapore
- Member, Malaysia–Singapore Business Council (MTI)
- Member, MILK (Mainly I Love Kids) Fund
- Member, National Jobs Council
- Patron, Radin Mas Community Club Management Committee
- Chairman, Radin Mas Citizens' Consultative Committee
- Member, RMIT College of Business Industry Advisory Board
- Patron, Siglap Citizens' Consultative Committee
- Vice Chairman, Singapore Business Federation (SBF)
- Vice President, Singapore National Employers Federation (SNEF)
- Co-Chair, Tripartite Alliance for Fair and Progressive Employment Practices
- Co-Chairman, Vietnam Singapore Business Council
- Board Member, Workforce Singapore Agency
- Member, Workplace Safety and Health Council (WSHC)
- Chairman, Workplace Safety and Health Council (Manufacturing) Committee
- Member, Young Presidents' Organisation

Mr Alessandro Perrotta

Deputy President, SMF
Chairman, Innovation & Productivity Function Committee
Director, SMF Enterprises Pte Ltd
Chief Executive Officer, Interplex Holdings Pte Ltd

- Member, Young Presidents' Organization (YPO) since 2014
- Member, Chief Executives Organisation since 2018
- CONCAMIN Ambassador to Singapore (2020)
- Member of G100 Network (2020)

Mr Ryan Chioh, PBM

Honorary Secretary, SMF
Chairman, Secretariat Management Committee
Director, SMF Enterprises Pte Ltd
Trustee, SMF Enterprises Pte Ltd
Director, SMF Biz Search Pte Ltd
Deputy Chairman, GS1 Singapore Ltd
Trustee, GS1 Singapore Ltd
Managing Director, FarEastFlora.com Pte Ltd

- Chairman, Interflora
- Vice Chair, Business Leaders Alumni Club
- Partnership Member, North East Community Development Council (CDC)
- Director Singapore Business Advisors & Consultants Council (SBACC)
- Committee – MCST Association Singapore

Mr Saw Ken Wye

Honorary Treasurer, SMF
Chairman, Finance Management Committee
Chairman, Risk Review Committee
Deputy Chairman, Secretariat Management Committee
Director, SMF Enterprises Pte Ltd
CEO, CrimsonLogic Pte Ltd

- Board Member, Infocomm Media Development Authority (IMDA)
- Chairman, InfoComm Technology Advisory Committee, School of InfoComm Technology, Ngee Ann Polytechnic
- Member, Advisory Council on Community Relations in Defence (ACCORD)
- Member, National Integration Council

- Immediate Past Chairman, SGTech
- Honorary Chairman, Chartered Management Institute Singapore
- Member, SBF Digitalisation Committee
- Council member, SBF India–Singapore CEO Forum
- Council member, SBF Middle East Business Group
- Member, Casino Regulatory Authority Technology Advisory Committee
- Ministry of Home Affairs – Justice of Peace

Mr Renny Yeo, PBM, BBM

Emeritus President, SMF

- Chairman, Singapore Accreditation Council (term ended 31/3/2021)
- Independent Non-Executive Director, Tai Sin Electric Ltd
- Independent Non-Executive Director, Zicom Holdings Pte Ltd
- Independent Non-Executive Director, Zicom Group Ltd, Australia
- Non-Executive Director, BiosanaPharma B.V., The Netherlands
- Non-Executive Director, Nubio Invest Pte Ltd
- Non-Executive Director, Passat Commercial Pte Ltd
- Director, Masquad Pte Ltd
- Non-Executive Director, Hydroball Technics Holdings Pte Ltd
- Non-Executive Director, Kay Lim Holdings Sdn Bhd, Malaysia
- Non-Executive Director, Bonanza Venture Holdings Sdn Bhd, Malaysia
- Non-Executive Director, Kinta Properties Holdings Sdn Bhd, Malaysia
- Non-Executive Director, KayLim Resources Bhd, Malaysia

Mr Poh Choon Ann, PBM

Vice President, SMF
Group Chairman, Poh Tiong Choon Logistics Limited

- Chairman, Poh Choon Ann Arts Fund
- Vice-Chairman, Singapore Business Federation (SBF) – China & North Asia Business Group
- Council Member, Singapore–Liaoning Economic & Trade Council
- Committee Member, Singapore–Sichuan Trade & Investment Committee
- President, Musicians Society of Singapore
- Executive Chairman, International Chinese Culture Exchange Federation
- Honorary President, Choral Association (Singapore)
- Honorary President, Association of Composers (Singapore)
- Honorary Council Member, Singapore Chinese Orchestra
- Honorary President, Singapore Literature Society
- Honorary Chairman, Singapore Association of Writers

Mr Patrick Chang

Chairman, Membership & Industry Groups Function Committee
Managing Director, Paclin Office Products Pte Ltd

- Chairman, Paclin Malaysia Sdn Bhd
- Main Committee, Singapore Business Federation (SBF) SME Committee
- Head of Membership (2019–2021) Security System Association of Singapore
- Chairman, MCST 2568 (2010–2019)

Mr Vincent Wong

Chairman, Technology & Transformation Function Committee
Director, Research & Advanced Engineering Singapore, Continental Automotive Singapore Pte Ltd

- Advisory Committee, Electronics & Info-Comm Technology, ITE

Ms May Ng

Chairman, Youth Network Function Committee
Chairperson, Industry Capability Development sub-Committee, MedTech Industry Group (MTIG)
Global Regulatory & Quality Consultant, ARQon Pte Ltd

- Group Director, ARQon companies in Indonesia, Malaysia, Hong Kong SAR, South Korea, Switzerland, Taiwan ROC, Vietnam
- Global Regulatory Director, MedtechBOSS Pte Ltd
- Head of International Government Affairs, MediHeroes Pte Ltd
- Co – Chair, ASEAN Federation of Medical Device Industry (ASEANMed)
- Medtech Tech Expert, Singapore Innovation Partner for Impact (IPI)
- Co-founder, Expert panel, International Medical Device School (IMDS) for Singapore, China, Korea, Europe
- Member, National University of Singapore (NUS) Department of Biomedical Engineering's Industry Advisory Committee
- Representative, China–ASEAN Medical Committee
- Representative, US–ASEAN Medical Device Planning Committee
- Global Pharma Key Opinion Leader, Korea Health Industry Development Institute (KHIDI)
- Panel Assessor, Singapore Ministry of Law's COVID-19 Temporary relief (PACT).

*This is a non-exhaustive listing

*This is a non-exhaustive listing

Mr Jasok Kurek

Chairman, Building Products and Construction Materials Industry Group
General Manager / Director, Allegion (Southeast Asia) Pte Ltd

- Committee Member, Security System Association of Singapore (SSAS)
- Committee Member, Building and Construction Standards Committee (Enterprise Singapore (ESG))

Ms Joyce Seow

Chairman, Electrical, Electronics and Allied Industries Industry Group
Group Executive Director, Watson E.P. Industries Pte Ltd

- Council Treasurer, MCST 262
- Member of Singapore Institute of Directors
- Committee member of the 18th term Manufacturing Standards Committee (Term: Aug 2020 to July 2023)
- Committee member of the Singapore Business Federation Digitalisation Committee (Term: Jan 2021 to Dec 2023)
- Committee member of Singapore Accreditation Council (Term: April 2021 to March 2024)

Mr Simon Li

Chairman, Energy and Chemicals Industry Group
 Chairman, SME Centre @ SMF
 Deputy Head, Northeast Asian Region
 Committee Member, Global Business Groups Function Committee
Chief Executive Officer, Feoso Oil (Singapore) Pte Ltd

- Executive Chairman, China-ASEAN Chemical Industry Collaboration Committee
- Executive Chairman, China-ASEAN High-tech Collaboration Committee
- Member, Environment & Resources Standards Committee, Singapore Standards Council
- Council Member, Singapore-Shandong Business Council
- Advisor, Shandong International Chamber of Commerce
- Economic Advisor, Shandong Rizhao International Maritime City
- Advisor, Nanning International Chamber of Commerce
- Vice President, Singapore-China Business Association
- Advisor, Kowloon Club, a charitable organisation
- Honorary President, Taoist Mission (Singapore)
- Life Member, Beta Gamma Sigma, an international honour society
- Adjunct Lecturer, NCPA, NTU & LKYSPP, NUS

- Non-Executive Director, Club Chinois Pte Ltd
- Non-Executive Director, Chinois Pte Ltd
- Non-Executive Director, The Trading Room Enterprise Pte Ltd
- Alternate Director, Feoso (Singapore) Pte Ltd
- Alternate Director, Feoso Oil (Singapore) Pte Ltd
- Alternate Director, Feoso Investment (Singapore) Pte Ltd
- Independent Director, LHT Holdings Limited
- Non-Executive Director, Far East Oil Terminal One Sdn Bhd

Mr Cheong Chung Kin

Chairman, Food & Beverage Industry Group
Chief Executive Officer, Win Sin Pte Ltd

- Representative, ASEAN Food & Beverage Alliance (AFBA)
- Honorary Chairman, Singapore Association of Food Equipment Manufacturers & Suppliers (SAFEMS)
- Argentier / Honorary Chancellor National – Confrérie de la Chaîne des Rôtisseurs – Bailliage De Singapour

Mr Kimming Yap

Chairman, Lifestyle Industry Group
Managing Director, Creativeans Pte Ltd

- Executive Committee Member, Design Business Chamber Singapore
- Taxpayer Feedback Panel, Inland Revenue Authority of Singapore
- Distinguished Professor, Shanghai Academy of Fine Arts

Ms Betty Tan, PBM

Chairman, Packaging Council of Singapore Industry Group
Deputy Managing Director, Sin Cheong Containers Mfg Co Pte Ltd

- Advisory Committee Chairman, NEA Packaging Partnership Programme (NEA-PPP)
- 3rd Deputy Chairman, Asian Packaging Federation (APF)
- Member, World Packaging Organisation (WPO)
- Member, Moulmein-Cairnhill Citizens' Consultative Committee (CCC)
- Member, Kampong Glam Citizens' Consultative Committee (CCC)
- Immediate Past Chairman, Novena Neighbourhood Committee (Novena NC)
- Member, Breast Cancer Foundation

Mr Mohan Kumar

Chairman, Life Sciences Industry Group
CEO & Managing Director, Strides Pharma Global Pte Ltd (SPG)

- Member, Biopharmaceutical Manufacturers' Advisory Council (BMAC)
- Member, National University of Singapore Medicine International Council (NIC)
- Member, Singapore Indian Chamber of Commerce and Industry (SICCI)
- Member, Sree Narayan Mission – Fund Raising Committee (SNM)
- Director, Strides Pharma Asia Pte Ltd
- Director, Strides Pharma Therapeutics Singapore Pte Ltd
- Director, Six Rays Pte Ltd
- Director, Sixrays Holdings Pte Ltd
- Director, Steriscience Pte Ltd
- Director, Tenshi Ventures Pte Ltd
- Director & Shareholder, Admire Ventures Pte Ltd
- Director & Shareholder, Hamo Investments Pte Ltd
- Shareholder, Axis Dot Ventures Pte Ltd

Mr Low Beng Tin, PBM, BBM (L)

Chairman, SMF Centre for Corporate Learning Pte Ltd
 Director, SMF Singapore Innovation & Productivity Institute (SiPi) Pte Ltd
Managing Director, Assimilated Technologies (S) Pte Ltd

- Honorary Chairman, Nanyang Citizens' Consultative Committee (CCC)
- Deputy President, General Committee, Automobile Association of Singapore (AAS)
- President, National Arthritis Foundation, Singapore
- Council Member, Singapore Road Safety Council (SRSC)
- Patron, Nanyang Community Club Management Committee (CCMC)
- Patron, Nanyang Community Club Building Fund Committee (CCBFC)

Mr Birch Sio

Chairman, SMF Singapore Innovation & Productivity Institute (SiPi) Pte Ltd
 Director, SMF Centre for Corporate Learning (CCL) Pte Ltd
 Member, SMF Standards Development Organisation (SMF-SDO) Committee
Managing Consultant & Director, Concord Associates Pte Ltd

- Member, Quality & Safety Standard Committee (QSSC), Singapore Standards Council, Enterprise Singapore
- President, Association of Safety Auditing Firms (ASAF)
- Adjunct Associate Professor, Curtin University of Technology, Perth, Australia

Mr Yeo Cheong Guan

Director, SMECentre@SMF
Managing Director, Eng Bee Paper Merchant Pte Ltd

- Director, Singapore Hokkien Yeo See Association
- Director, Younger Singapore Pte Ltd
- Director, Jiangsu Younger Food Ltd, China
- Director, Yangzhou YangYang Frozen Food Co Ltd, China

Dr Ricky Souw

Council Member
Chief Executive Officer, Sanwa Plastic Industry Pte Ltd

- Member, Engineering Advisory Committee (EAC), Nanyang Polytechnic
- School of Engineering
- Main Committee Member, SME Committee (SMEC), Singapore Business
- Federation (SBF)
- Council Member, Singapore Precision Engineering & Technology
- Association (SPETA)
- Member, Advanced Manufacturing R&D Taskforce, National Research
- Foundation (NRF)
- Member, SME Sub-Committee (SMEC-SC, Technology, Innovation &
- Productivity), Singapore Business Federation (SBF)
- Steering Committee Member, Singapore Corporation of Rehabilitative
- Enterprises (SCORE) & SPETA
- Board Member, The Institute of Engineers Incubator / Accelerator
- (IES-INCA), The Institution of Engineer Singapore (IES)
- Member, Advanced Manufacturing and Engineering Cluster Advisory
- Board (CAB), The Agency for Science, Technology and Research (A*STAR)

Mr Lim Meng Wee

Deputy Chairman, Health, Safety, Security & Environment Function Committee
Managing Director, SP Consulting (International) Pte Ltd

- Lead Independent Director, PNE Industries Ltd
- Licensed Solemnizer (Registrar of Marriages)
- Vice Chair, Queenstown Inter-Racial and Religious Confidence Circles (IRCC)
- Vice President, Board of Directors, Singapore Christian Home
- Member, Enterprise Singapore Technical Committee, ISO22301 and ISO28000

THE SMF 88TH YEAR ANNIVERSARY

In celebration of the SMF's 88th Anniversary, the SMF reaffirmed its solidarity with its members by waiving membership fees for all existing and new members. Aside from the membership fee waiver, the SMF announced its commitment to assist our members in developing their business capabilities to advance the manufacturing sector in Singapore. Initiatives in business matching, business continuity planning, digitalisation and training will be expanded and made available to our members.

SMF President Mr Douglas Foo made this announcement during the SMF's first virtual Annual General Meeting (AGM), which also marks the SMF's

88th year since its establishment. The SMF had been planning to celebrate this momentous milestone since 2019. However, COVID-19 came, and like many SMF members, the plans had to be shelved. Therefore, recognising the challenges SMF members are going through, the SMF decided to celebrate our 88th in a meaningful way, by standing in solidarity with our members.

SMF President, Mr Douglas Foo said, "Since our establishment in 1932, the SMF has faced a World War, turbulence in the wake of Singapore's independence, economic crises, and many other major events. We have survived them all. Therefore, I believe,

this pandemic will cause us to emerge stronger. As many of our members are going through a difficult time brought about by this pandemic, it is all the more meaningful to mark our 88th Anniversary by giving back to our members and standing in solidarity with them. The SMF will continue to be a strong partner to the manufacturing community and be a pillar of support both in good times and challenging times."

More than 100 members attended the AGM online on 16 September 2020. Fee waiver started from the date of AGM to the end of 2021.

FORGING THE FUTURE TOGETHER



The SMF Office Bearers (from left: Mr Saw Ken Wye (SMF Honorary Treasurer), Dr Bicky Bhangu (then SMF Deputy President), Mr Douglas Foo (SMF President), and Mr Ryan Chioh (SMF Honorary Secretary)) helmed the e-AGM with SMF Emeritus President Mr Renny Yeo (extreme right) at the SMF.

BUSINESS MEETINGS WITH ENTERPRISE SINGAPORE AND THE SINGAPORE BUSINESS FEDERATION

In this financial year, the SMF is honoured to meet with delegations from the Singapore Business Federation (SBF) and Enterprise Singapore on separate occasions. These meetings are a testament of the SMF's standing in the Singapore manufacturing sector and a recognition of the SMF's efforts to help companies transform and emerge stronger.

MEETING WITH THE SINGAPORE BUSINESS FEDERATION

On 3 August 2020, the SMF received the SBF's new Chairman Mr Lim Ming Yan, who was elected in July 2020, and his delegation from the SBF. During the meeting, both Federations shared some possible collaborative opportunities that will benefit the business community during these challenging times.



This meeting also introduced new leaders of the Secretariat of both Federations – SMF Secretary-General Mr Lawrence Pek, who was officially appointed to office on 1 August 2020, and SBF Deputy Chief Executive Officer Mr Lam Yi Young, who will be succeeding Mr Ho Meng Kit as Chief Executive Officer from 1 January 2021.



The SMF then visited the SBF on 3 December 2020 as a reciprocal and continuation of the previous meeting at the SMF. During the meeting, both Federations gave an update to the programmes they have launched and how they may collaborate further to help the business community. The SMF also presented a memento to former SBF CEO Mr Ho Meng Kit to thank him for his service, helming the SBF over the years.

MEETING WITH ENTERPRISE SINGAPORE

The SMF held a closed-door dialogue with Enterprise Singapore Chief Executive Officer Mr Png Cheong Boon and his team, together with SMF Council members, on 22 January 2021. Plans on how both organisations can further grow the manufacturing sector in Singapore through their joint efforts were the key topics for discussion. During the session, Mr Png acknowledged the support the SMF has provided to Enterprise Singapore. SMF Secretary-General Mr Lawrence Pek also shared some of the SMF's initiatives and plans for the future where Mr Png expressed his excitement to see what will be in store for the SMF.



As the SMF is the largest trade federation that represents the manufacturing community, Enterprise Singapore commented that the SMF is in a good position to draw on others and leverage on leading companies to uplift weaker companies so as to strike a balance in the manufacturing community and grow as a whole. He also highlighted the importance of having foreign competition in Singapore to allow companies to know their competitors and ensure that every company in Singapore will prosper together.

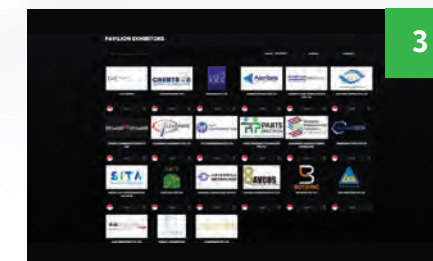
1. (From Left to Right) Mr Lawrence Pek (Secretary-General, SMF), Mr Douglas Foo (President, SMF), Mr Lim Ming Yan (Chairman, SBF), Mr Ho Meng Kit (Chief Executive Officer, SBF).
2. SMF President Mr Douglas Foo presented a token of appreciation to SBF Chairman Mr Lim Ming Yan (right).
3. The SMF visited the SBF as a reciprocal and a continuation of the previous meeting at the SMF.
4. The SMF presented a memento to former SBF CEO Mr Ho Meng Kit (left), to thank him for his service helming the SBF over the years.
5. The SMF held a closed door dialogue session with ESG, together with SMF Council members.

ITAP 2020 AND MOU SIGNING WITH HP

With the future world of manufacturing changing rapidly, Singapore's manufacturing sector is poised not just for resilience, but also for growth. Singapore's manufacturing community has been gearing up for Industry 4.0, with a growing number of technologies available to the manufacturing sector. With our rich knowledge base, conducive business environment, smart nation infrastructure, precision engineering, and creative and technical design capabilities, we are able to empower manufacturers on their next step.

To allow visitors to explore these exciting possibilities, the SMF led a virtual Singapore Pavilion with Enterprise Singapore at the Industrial Transformation ASIA PACIFIC (ITAP) this year. The third edition of ITAP is also the SMF's third time running the Singapore Pavilion at ITAP. The ITAP was held from 20 October to 22 October 2020, with some 20 local companies showcasing their offerings under the jointly led virtual Singapore Pavilion.

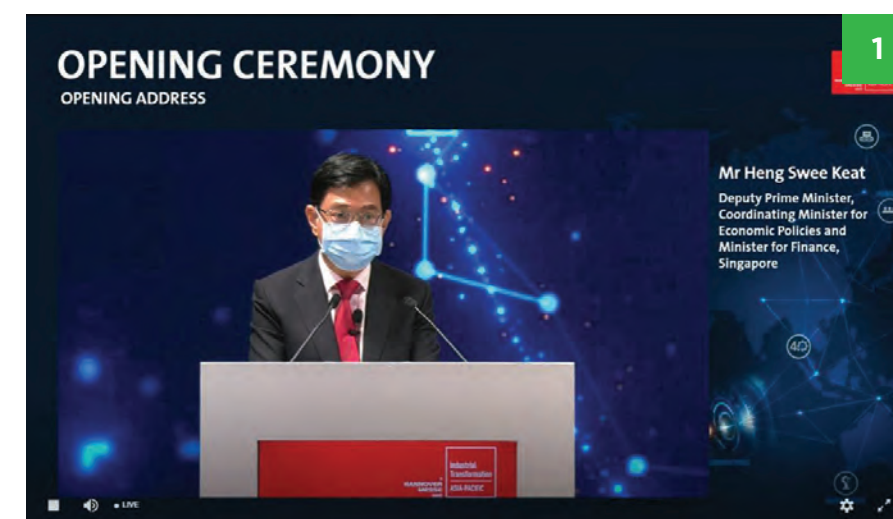
Visitors to the virtual Singapore Pavilion saw companies presenting their latest technologies such as Universal Internet of Things (IoT), robotics, and additive manufacturing solutions.



ITAP is catered to an international audience – manufacturers all over the world could adopt these technologies presented by our local companies to embark on their Industry 4.0 transformation journey.

On the same week, the SMF signed a Memorandum of Understanding (MOU) with HP Singapore Pte Ltd (HP) to provide 3D-Printing-as-a-Service to the manufacturing community in Singapore. This collaboration will promote thought leadership in additive manufacturing as well as talent development for Singapore's manufacturing and manufacturing-related industries. SMF members who want to increase their company's agility through additive manufacturing can now take advantage of HP's expertise in Industrial 3D printing, which is delivered through HP's 3D-Printing-as-a-Service model.

The MOU signing was announced on the SMF's exhibitor page on the ITAP platform. Despite the COVID-19 pandemic, this year's ITAP saw over 5,000 registered attendees from countries such as Singapore, Malaysia, Thailand, Indonesia, Japan and India.

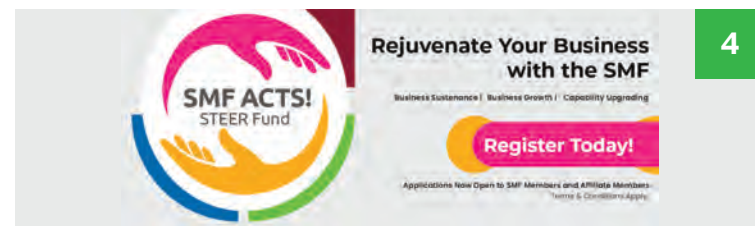
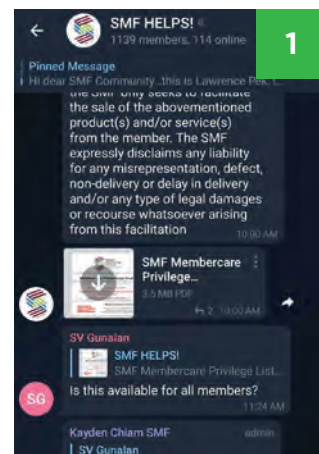


1. Deputy Prime Minister Heng Swee Keat delivered his opening address during ITAP 2020's opening ceremony. This ceremony was attended by 100 onsite attendees in Singapore and broadcasted on ITAP's online platform.
2. Due to the COVID-19 pandemic, the Singapore Pavilion was moved to the digital sphere.
3. Some 20 local companies were housed under the virtual Singapore Pavilion at ITAP 2020.
4. The SMF signed a MOU with HP to provide 3D-Printing-as-a-Service to the manufacturing community in Singapore.

NEW LAUNCHES

To help SMF members overcome challenges brought upon by COVID-19, and emerge stronger in the process, the SMF launched a number of initiatives to provide assistance during this difficult time. These initiatives range from a 24/7 helpline to funding to business matchings that will build members' business capabilities and resilience against future crisis. Companies who needed help could easily tap onto these initiatives by contacting the SMF Secretariat.

These are the new initiatives launched by the SMF during this financial year:



1. Launch in August 2020, the **SMF HELPS! Telegram Group Chat** started out as a 24/7 helpline for businesses when they require advice on Government policies changes. Since the pandemic started, Government policies were frequently changed in tandem with the escalating situation to protect the population from the virus. Members could use the group chat to reach out to SMF Secretariat who would be on hand to advise companies to navigate through these changes. The SMF HELPS! Telegram Group Chat has now evolved into an ecosystem where members who may have gone through the same situation could assist other members. More than 1100 subscribers has subscribed to the SMF HELPS! Telegram Group Chat since its launch.
2. **Shenzhen Liaison Office** was launched in September 2020 to help SMF members expand into China market, offering a one-stop service through our partner in Shenzhen. The liaison office serves members when border closures were rife and members were not able to explore overseas markets for expansion opportunities. Members who are looking to expand into China, can contact the SMF Secretariat at china.shenzhen@smfederation.org.sg.
3. **Manufacturing Alliance Transformation Office (MATO)** was launched in January 2021 to be a one stop personalised and customised Industry 4.0 centre for SMEs. A national initiative led by the SMF, MATO is set up to assist local manufacturers in upgrading their production capabilities by matching them with Industry 4.0 solutions providers and advising them on available Government Assistance. Since its launch, MATO has helped to handhold more than 100 companies to overcome their challenge in going digital and helped a couple of companies to embark on the Industry 4.0 Human Capital Initiative (IHCI), a programme that equips companies with people management and job redesign skills that are required for Industry 4.0 transformation.
4. Announced during the e-AGM 2020 on 16 September 2020 by SMF President Mr Douglas Foo, the **SMF ACTS! STEER Fund** helps our members in their transformation journey to prepare for economic recovery. The SMF ACTS! STEER Fund offers targeted support, particularly for our SMEs member-companies, to build up their capabilities through Business Model Innovation, Digitalisation as well as to Reskill and Upskill workers through training. The Fund is established with the support of the Government's SG Together Enhancing Enterprise Resilience (STEER) programme.
5. Set up through the MOU that was established with HP Singapore in October 2020, the **3D Printing Solutions and Services** facilitates 3D printing services to SMF members and the local manufacturing community. Companies that require 3D printing services may contact the SMF Secretariat, who will connect companies with 3D printing experts to identify suitable solutions and obtain support for designing and prototyping.

LAUNCH OF THE PACKAGING PARTNERSHIP PROGRAMME

The Packaging Partnership Programme (PPP) is an industry-led initiative by the SMF, in partnership with the National Environment Agency (NEA). Through workshops and training organised by the PPP, the programme aims to develop industry capability in the sustainable management of packaging waste, and more importantly, help companies to better understand their Mandatory Packaging Reporting (MPR) obligations.

The programme was officially launched by the SMF and NEA on 24 March 2021 during the Singapore Packaging Agreement (SPA) Awards. Minister for Sustainability and the Environment Ms Grace Fu was the Guest of Honour for the event.

In Minister Grace Fu's opening remarks, she spoke of the recent national movement – the Singapore Green Plan

2030, which strengthens Singapore's efforts in sustainable development. Singapore will front-load its waste reduction efforts to divert waste from the landfill and aim for a 20 per cent reduction by 2026. She also shared the government's plan to implement GreenGov.SG, a public service initiative that will embed environmental sustainability in its core business areas, such as green procurement, to catalyse green practices in the economy.

After the Awards ceremony, PPP held its inaugural PPP Conference themed "Sustainable Packaging for Our Shared Future". The hybrid conference saw esteemed experts in the area of sustainable packaging tuned in from different parts of the region to share their insights on packaging sustainability. More than 100 participants attended the conference online.



Minister for Sustainability and the Environment Ms Grace Fu gave her opening remarks during the launch of PPP.



Minister Grace Fu together with the SPA Governing Board in recognition of their contributions towards the SPA.



Deputy Executive Director of Global Compact Network Singapore, Dr Ryal Wun (left) and Deputy Chairperson of the PPP Advisory Committee and Executive Director of Food Industry Asia (FIA) Mr Matt Kovac helmed the panel discussion at the SMF premises.

MINISTERIAL DIALOGUE SESSIONS AND MEETING WITH MPS

The SMF organises closed-door ministerial dialogue sessions as a platform for our members to converse directly with ministers and government officials to better understand policies and provide candid feedback on the challenges that the manufacturing industry face at the ground level. In 2020, businesses were facing unprecedented challenges due to the COVID-19 outbreak. Therefore, in October 2020, the SMF organised separate hybrid dialogue sessions with then Minister for Trade and Industry, Mr Chan Chun Sing as well as then Minister for Manpower, Mrs Josephine Teo for members to give their feedback and queries to the Ministers.

The SMF also organised a dialogue session with National Trades Union Congress (NTUC) Secretary-General Mr Ng Chee Meng in November 2020 that covers a wide range of topics from training and employment challenges arising from the pandemic, competitiveness of the Singapore workforce

and the support available for businesses from the NTUC network.

Held at the SMF building and facilitated by SMF President Mr Douglas Foo, these dialogue sessions gives members the opportunity to query the Ministers on the economy and how they may overcome business challenges while protecting their workforce from the virus. Ministers on their part spoke freely, reassuring attendees that the Government is committed to assisting businesses to overcome these challenges.

Besides Dialogue Sessions, the SMF met with members of parliament (MP) Mr Melvin Yong and Ms Tin Pei Ling on separate occasions. Held in October 2020 and January 2021 respectively, the MPs met with SMF President Mr Douglas Foo and SMF Secretary-General Mr Lawrence Pek to discuss possible collaborations with the SMF to support the manufacturing community in Singapore.



1. Then Minister for Trade and Industry Mr Chan Chun Sing came to the SMF for a hybrid dialogue session with the members. The session saw 50 live audience, with over 400 members tuning in virtually.
2. NTUC Secretary-General Mr Ng Chee Meng came to the SMF for a dialogue session with SMF members where he touched on employment challenges and training for the workforce.
3. Then Minister for Manpower Mrs Josephine Teo and her team i.e. then Second Minister for Manpower Dr Tan See Leng and Senior Minister of State Mr Zaqy Mohamad participated in a dialogue with SMF members.
4. SMF President Mr Douglas Foo and SMF Secretary-General Mr Lawrence Pek warmly received MP for Macpherson and CEO of Business China Ms Tin Pei Ling who came to the SMF to discuss possible collaborative opportunities to establish partnerships between Singapore companies with companies in ASEAN and China.
5. SMF President Mr Douglas Foo and SMF Secretary-General Mr Lawrence Pek met with MP for Radin Mas Mr Melvin Yong where they discussed about employment opportunities in the manufacturing community.



SAF DAY 2020

For the eighth consecutive year, the SMF organises the SAF Day Combined Rededication Ceremony for the East Zone to commemorate and pay tribute to all SAF servicemen and women who played a part in making Singapore a safer home.

Due to the COVID-19 pandemic, the SAF Day Ceremony was held online for the first time, and the SMF was one of five civilian organisations chosen to conduct the virtual ceremony on site. Due to social distancing measures, only eight people were permitted to attend the ceremony on 1 July 2020 at the SMF's concourse auditorium, including representatives from the Republic Singapore of Navy (RSN) Naval Diving Unit (NDU).

During the ceremony, representatives from SMF and NDU watched a live virtual ceremony at SAFTI Military Institute. Personnel from the Singapore Armed Forces (SAF) also pledged and reaffirmed their commitment to defending our country. Following the pledge, a one-minute silence was observed to remember SAF personnel who died while serving in the SAF.



1. Attendees stood in attention when Minister for Defence Dr Ng Eng Hen was about to deliver the SAF Day message.
2. The SAF Pledge was recited to reaffirm the commitment to upholding our nation's defence.
3. (front row from left): SMF President Mr Douglas Foo and SLTC Francis Goh, (second row from left): SMF Honorary Secretary Mr Ryan Chioh, SMF Honorary Treasurer Mr Saw Ken Wye, and LTC Alvin Choo. (last row from left): SMF Council member Mr Lim Meng Wee and then SMF Secretary-General Dr Ahmad Magad.
4. Senior Lieutenant Colonel (SLTC) Francis Goh (left) presented a Token of Appreciation to SMF President Mr Douglas Foo.
5. A one minute of silence was held to remember SAF personnel who lost their lives during their service in the SAF.
6. Singing of the National Anthem together with other organisations and SAF personnel in various parts of Singapore.

SAFE HANDS CAMPAIGN

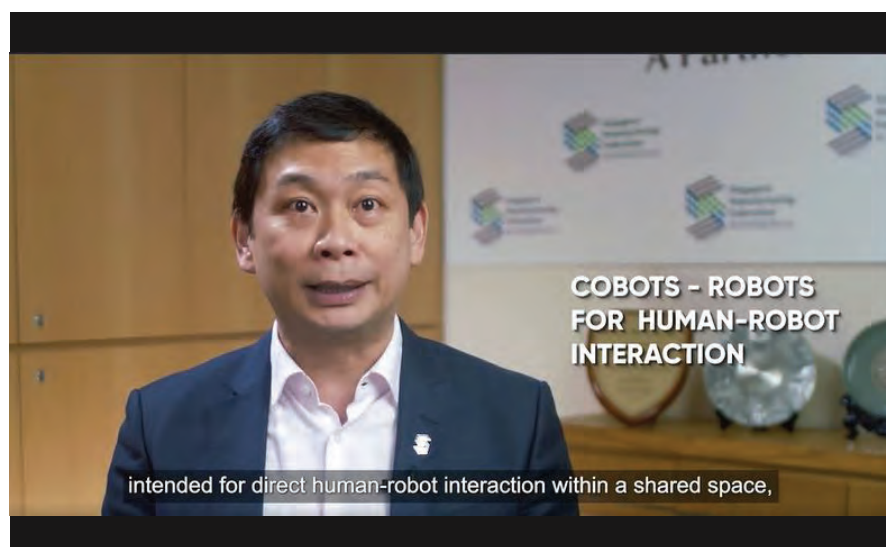
To raise awareness on machinery safety and preventive measures that can be put in place in, the SMF, together with Workplace Safety and Health Council (WSHC), launched the Safe Hands Campaign virtually, with the first campaign on 19 May 2020. The campaign also serves as a reminder on the importance of protecting our hands while at work. Almost 300 companies pledged their commitment to prevent hand injuries in the workplaces during the 2020 campaign and were acknowledged during the campaign.

The Safe Hands Campaign 2021 was launched on 25 March 2021 as a webinar, with 450 industry professionals in attendance. SMF President Mr Douglas Foo gave his welcome address in which he shared how companies can improve workplace safety and health with implementations of Industry 4.0 technologies. Senior Minister of State for Manpower Mr Zaqy Mohamad delivered the opening address and conducted a site tour at 3M Innovation Singapore Pte Ltd to showcase their WSH practices.

The loss of one finger, even a part of a finger, not only causes pain to a person. It is detrimental to one's livelihood and causes physical and emotional turmoil to not just the victim, but also to his or her family. Therefore, continue to stay vigilant in protecting our hands and strive towards the goal of zero accidents. Lend a helping hand to one another by watching out for potential dangers. Let us not let familiarity cause us to neglect the dangers in the workplace.



SMF President Mr Douglas Foo gave the opening address at Safe Hands Campaign 2020 as Chairman of WSHC (Manufacturing) Committee. Almost 300 companies pledged their commitment to prevent hand injuries in the workplaces.



SMF President Mr Douglas Foo gave the welcome address during Safe Hands Campaign 2021 where he shared how companies can improve workplace safety and health with Industry 4.0 technologies.

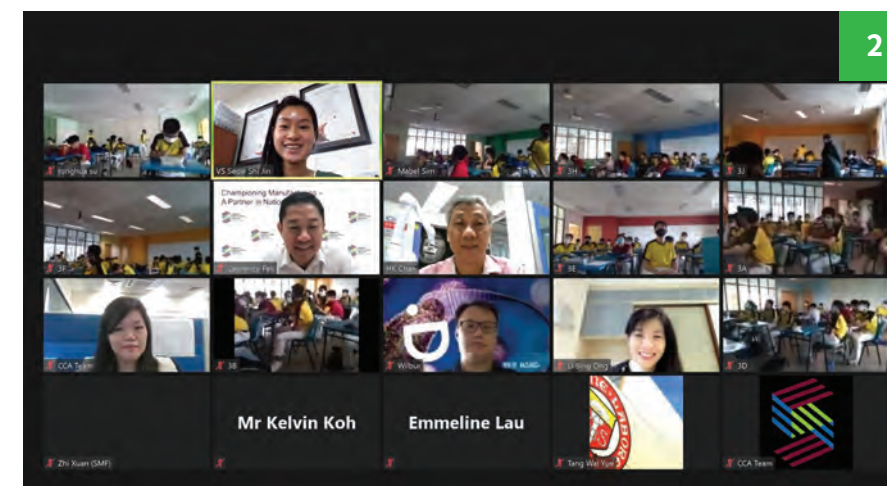
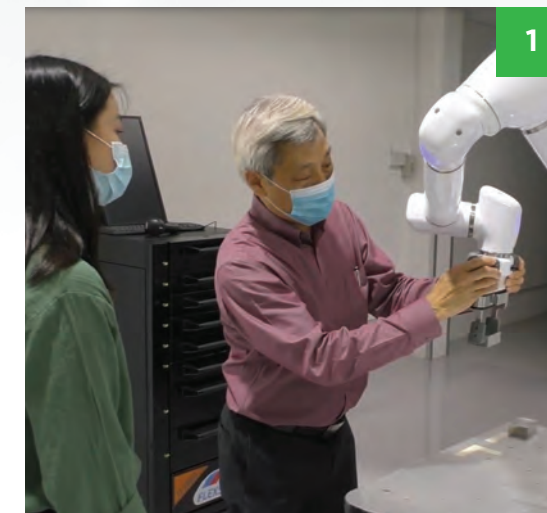
Click the link to listen to the welcome address for Safe Hands Campaign 2021
<https://fb.watch/7C1GJIY-aw/>
 or scan the QR code.



FINDING THE NEXT GENERATION

To engage the young to be part of the manufacturing community, the SMF is going to schools, with the aim to find the next generation of manufacturing leaders. On 19 October 2020, the SMF was invited to conduct a career talk and virtual factory visit to 300 students from Victoria School. SMF Secretary-General Mr Lawrence Pek led the career talk by introducing cutting-edge technologies like Internet of Things (IoT), 3D Printing, and Artificial Intelligence that are giving the manufacturing sector a new definition. SMF Council Member Mr Chan Hai Kiang then solidifies that image by showing his latest technologies in his factory showroom.

In November and December 2020, the SMF went to Nanyang Technological University (NTU) to see how NTU students are learning about the latest manufacturing technologies and enhancing these technologies to support manufacturing industries with their technological needs.



1. The SMF's Advanced Engineering and Manufacturing Industry Group Chairman Mr Chan Hai Kiang conducted a virtual factory tour to 300 secondary three students from Victoria School on 19 October 2020.
2. The SMF conducted a virtual career talk with 300 secondary three students from Victoria School on 19 October 2020.
3. The SMF Secretariat visited NTU's Singapore Centre for 3D Printing and saw a prototype of a public toilet that is constructed using 3D Printing.
4. The SMF Secretariat visited HP-NTU Digital Manufacturing Corporate Lab to understand the latest technologies that are being developed in the lab.

GLOBAL BUSINESS GROUPS AND THE INTERNATIONAL NETWORKS AND STRATEGIC DEVELOPMENT DEPARTMENT

The SMF's Global Business Groups (GBG), together with the International Networks and Strategic Development Department, assist members in exploring business opportunities and internationalising their businesses through participation in trade fairs and business missions. The two divisions collaborate with Enterprise Singapore, various embassies, foreign chambers of commerce, business councils and other trade associations to develop cross-border relations, offering trade and investment opportunities for members to capture new market prospects, geographically and in alternative industries. This is with the aim to expanding members' global footprints and strengthening their global connections.

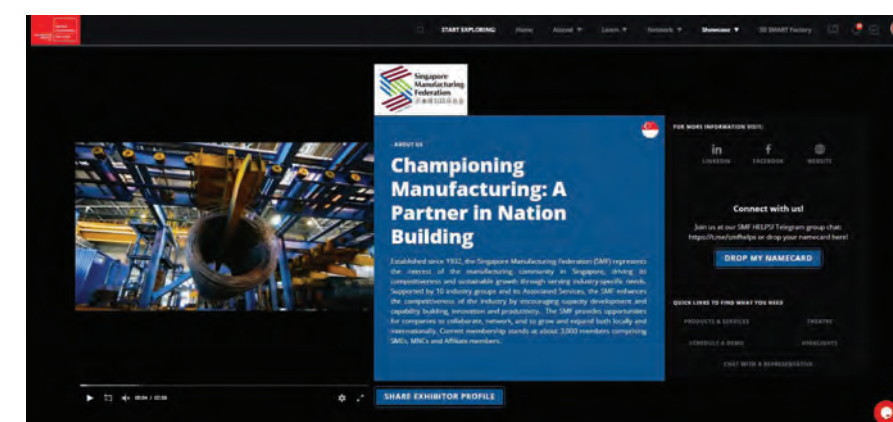
Trade Fairs

The SMF's GBG organises Singapore Pavilions at international trade fairs to help local companies showcase their products and services to an international audience and break into different markets.

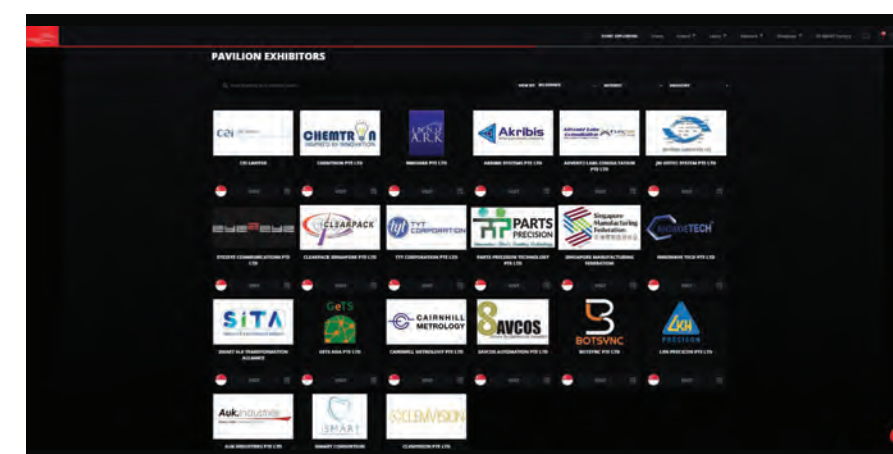
In this financial year, despite the travel restrictions imposed due to the pandemic, the SMF's GBG led more than 50 local companies in three virtual and hybrid trade fairs. These trade fairs help companies meet, network, and engage new customers, generating S\$22.7 million in sales revenues for the exhibiting companies.

Industrial Transformation ASIA-PACIFIC 2020

The Industrial Transformation ASIA-PACIFIC (ITAP) is one of Asia-Pacific's leading trade event for Industry 4.0 and is a flagship trade fair for the SMF. The virtual ITAP 2020 was held from 20 to 22 October 2020, with a virtual Singapore Pavilion organised by the SMF's GBG that housed some 20 local companies, generating more than S\$6 million in sales by these participating companies. The event brought together various stakeholders to shape and support transformation initiatives, building a strong ecosystem within the industry. ITAP 2020 attracted over 5,000 registered attendees from countries such as Singapore, Malaysia, Thailand, Indonesia, Japan and India.



The SMF's GBG organised a virtual Singapore Pavilion at ITAP 2020.



Some 20 local companies were housed under the virtual Singapore Pavilion.

EMERGING
STRONGER
THROUGH
DIVERSIFICATION

BuildTech Asia 2020 Digital Series

The SMF organised a Singapore Pavilion at the inaugural **BuildTech Asia Digital Series 2020** which housed 17 Singapore companies. Held online from 14–15 October 2020, this virtual event hosted close to 5,000 trade visitors and buyers, to encourage the use of smart digital technologies in the build environment sector.



SEMICON China 2021

SEMICON China 2021 is one of the world's largest semiconductor conference and exhibition. It covers the whole electronics supply chain, which includes chip design, manufacturing, assembly and testing, equipment and material supplies. The trade fair provides a platform for companies to showcase their latest offerings to the industry professionals in China.

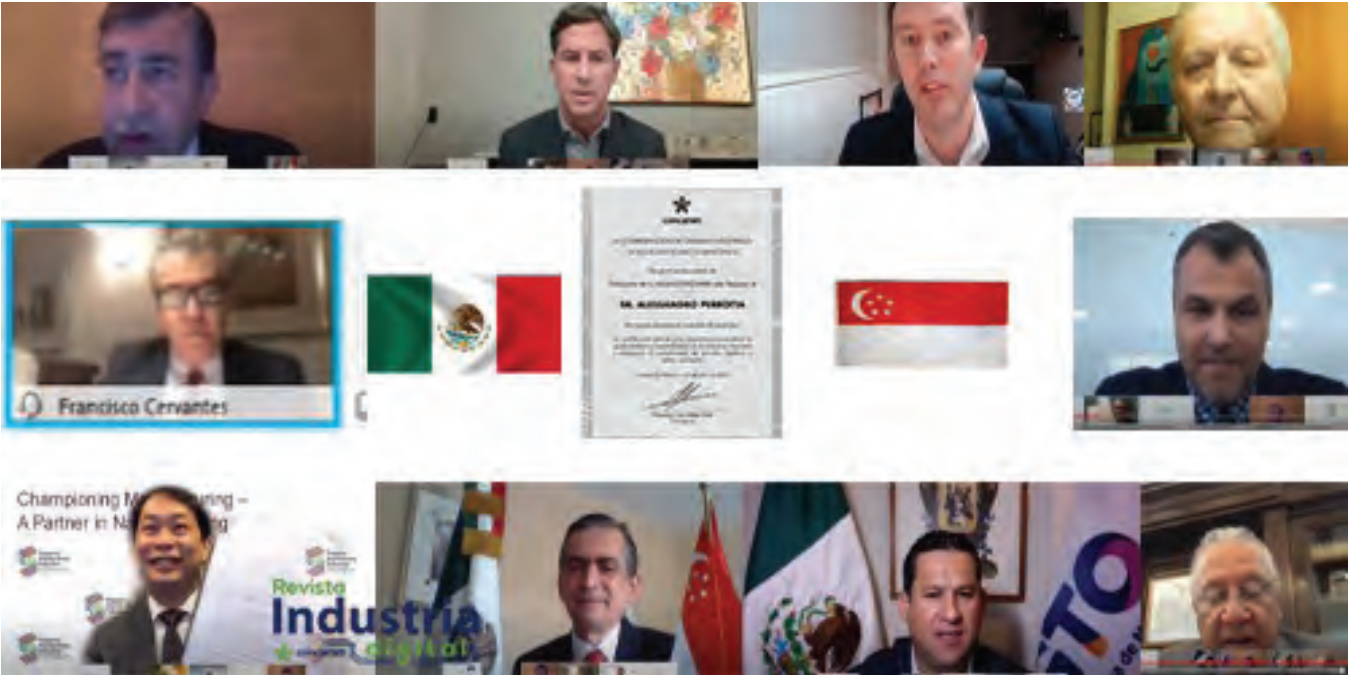
For this trade fair, the SMF's GBG led a delegation of 14 Singapore companies under the Singapore Pavilion, held from 17 to 19 March 2021. The trade fair attracted a total combined attendance of more than 90,000 exhibitors and visitors, generating more than S\$15 million in sales for participating companies.



The SMF's GBG led a delegation of 14 Singapore companies under the Singapore Pavilion at SEMICON China 2021.

SIGNING OF MEMORANDUMS OF UNDERSTANDING

The SMF's International Networks and Strategic Department facilitated the SMF in the signing of Memorandums of Understanding (MOUs) with strategic partners overseas to support members in their expansions to overseas markets. Due to the travel restrictions, the MOU signing ceremonies were held virtually during this financial year.



22 July 2020 The SMF signed a MOU with the **Confederation of Industrial Chambers of Mexico (CONCAMIN)** to assist member-companies who are interested to expand their businesses in Mexico. The signing ceremony also saw SMF Deputy President Mr Alessandro Perrotta appointed as Ambassador of the CONCAMIN to Singapore.

- 1. **16 September 2020** The SMF signed a MOU with the **Chamber of Industries of Costa Rica (CICR)** to strengthen business relations and promote economic cooperation between enterprises both in Singapore and Costa Rica. The MOU was signed by SMF President Mr Douglas Foo and CICR President Mr Enrique J Egloff.
- 2. **18 November 2020** The SMF signed a goodwill MOU with **China Enterprises Association (Singapore) (CEA)** to promote business collaborations between the SMF and CEA. This MOU is also to encourage collaborations in organising joint events that will facilitate SMF and CEA members to network in Singapore, China and third countries. The MOU signing was witnessed by Economic and Commercial Minister Counsellor, Embassy of China in Singapore, Mdm Zhong Manying and Singapore Member of Parliament for Macpherson and CEO of Business China, Ms Tin Pei Ling.



VISITS FROM VIPS AND DIGNITARIES

The SMF's International Networks and Strategic Department receives VIP delegates, dignitaries, business delegations and ambassadors at the SMF Building to enable the SMF to build and foster close international relationships so as to facilitate members' overseas business interests. While there are travel restrictions due to the pandemic, the Department received over 20 VIPs during this financial year. Through these visits, the Department helps the SMF form connections with international bodies, helping the local manufacturing community go beyond the shore into other markets.



1. **29 July 2020** His Excellency Sok Khoeun, Ambassador Extraordinary and Plenipotentiary of Cambodia to Singapore
2. **24 August 2020** His Excellency P Kumaran, High Commissioner of India to Singapore
3. **28 October 2020** His Excellency Dr Norbet Riedel, Ambassador Extraordinary and Plenipotentiary of the Federal Republic of Germany to Singapore (first row, left)
4. **25 November 2020** His Excellency Bapak Suryopratomo, Ambassador Extraordinary and Plenipotentiary of Indonesia to Singapore (first row, 2nd from right)
5. **26 November 2020** His Excellency Mario Rui Dos Santos Miranda Duarte, Ambassador Extraordinary and Plenipotentiary of Portugal to Singapore (first row, middle)
6. **15 December 2020** Her Excellency Ms Eugenia Barthelmess, Brazil Ambassador to Singapore (first row, middle) and His Excellency Sam Goi, Singapore Ambassador to Brazil (first row, right)
7. **22 December 2020** His Excellency Md Tauhedul Islam, Bangladesh High Commissioner to Singapore

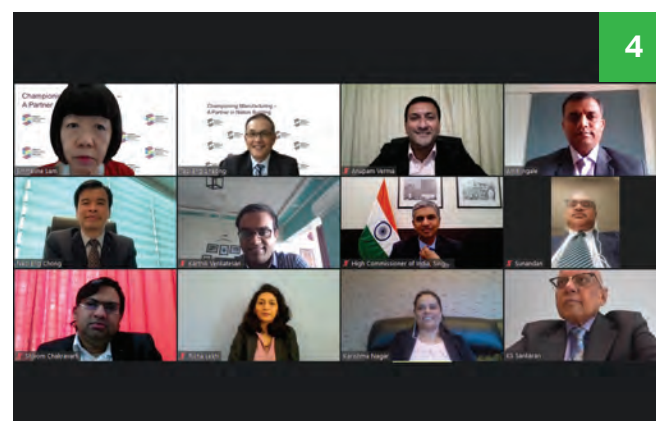
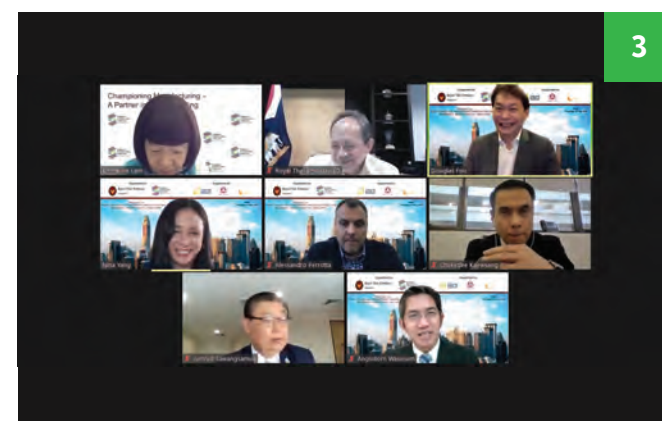


1. **29 December 2020** His Excellency Jean de Dieu Uwihanganye, High Commissioner of the Republic of Rwanda to Singapore (first row, middle)
2. **20 January 2021** Mr Jaya Ratnam, Singapore Ambassador-Designate to the Socialist Republic of Vietnam (second from left)
3. **2 March 2021** His Excellency Georgios Dogoritis, Ambassador of Greece to Singapore (first row, left)
4. **8 March 2021** The SMF's GBG hosted a delegation led by Dr Gu Qingyang (seated, fifth from right) from the National University of Singapore (NUS) Lee Kuan Yew School of Public Policy's MPAM (Master in Public Administration and Management) programme.
5. **14 October 2020** SMF President Mr Douglas Foo welcomed the President of China Enterprises Association of Singapore (CEA), Mr Cheng Jun (third from left) and his delegation when they came to visit to understand the local manufacturing scene and the role of the SMF in the local manufacturing sector.
6. **11 January 2021** CEO of Business China and MP for MacPherson Constituency Ms Tin Pei Ling, (first row, middle) along with a delegation from Business China visited the SMF to gain a better understanding of SMF's role and how it supports the local manufacturing sector in establishing partnerships locally and with China and ASEAN.
7. **11 January 2021** YCH Group Executive Chairman Dr Robert Yap (seated, second from right) and his team visited the SMF to explore possible collaboration opportunities on supply chains.

WEBINARS

As borders closed and travel restrictions in place to keep the pandemic out, the SMF's International Networks and Strategic Development Department moved its seminars to the virtual sphere to provide the manufacturing community opportunities to diversify their supply chains. These webinars also provided information such as overseas government policies, free trade agreements, and trade opportunities to enter new markets.

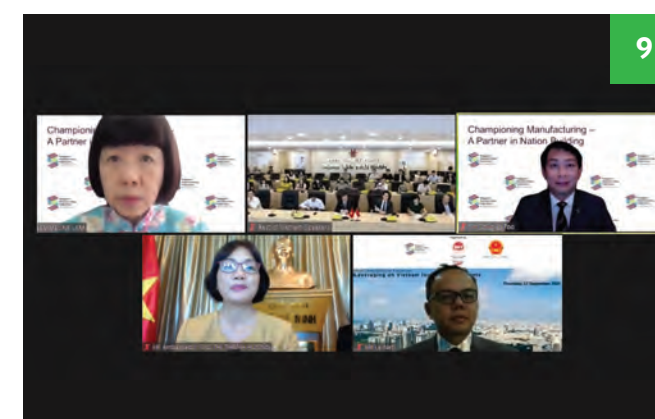
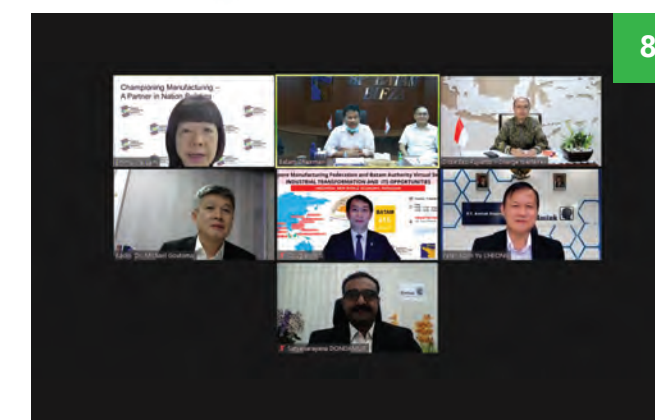
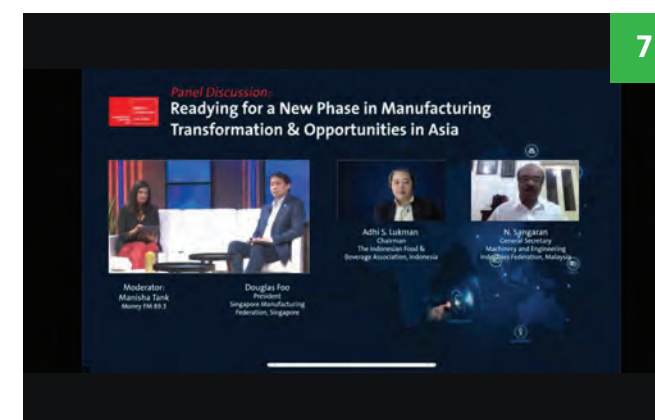
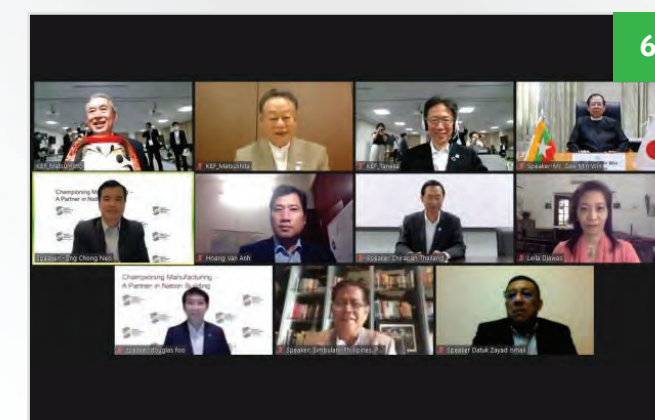
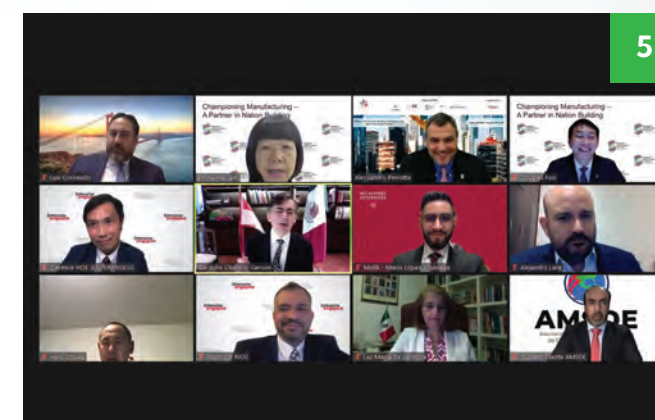
Cross-border Webinars



1. **17 June 2020** The SMF's International Networks and Strategic Development Department jointly organised a webinar titled **"Indonesia: Next Manufacturing Destination"** together with the Singapore Business Federation (SBF). The zoom webinar was held in collaboration with the Indonesian Embassy in Singapore to share the benefits and know-hows of expanding into the Indonesia market.
2. **13 to 14 July 2020** The SMF was invited to give our views at the **"FHA Congress 2020"** for one of its think tank titled **"Response, Recovery and the Road Ahead Post COVID 19"**. SMF President Mr Douglas Foo shared how the SMF helped member-companies to recover from the pandemic. He also shared how some of the SMF's Food and Beverage Industry Group (FB IG) members pivoted or adapted amid this crisis.
3. **23 July 2020** The SMF's International Networks and Strategic Development Department, together with the Royal Thai Embassy in Singapore, co-organised a webinar titled **"Post Covid Investment Opportunities and Business Incentives in Thailand"**. The webinar covered areas such as Digital Economy,

Smart City, Healthcare, and many others. More than 160 participants comprising SMF members, representatives from fellow Trade Associations and Chambers (TACs) and foreign chambers attended the webinar.

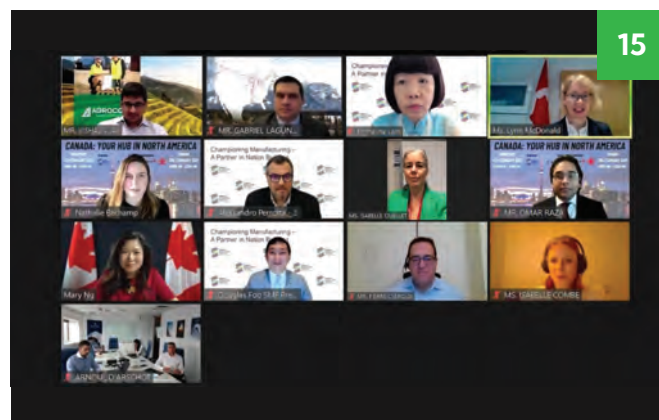
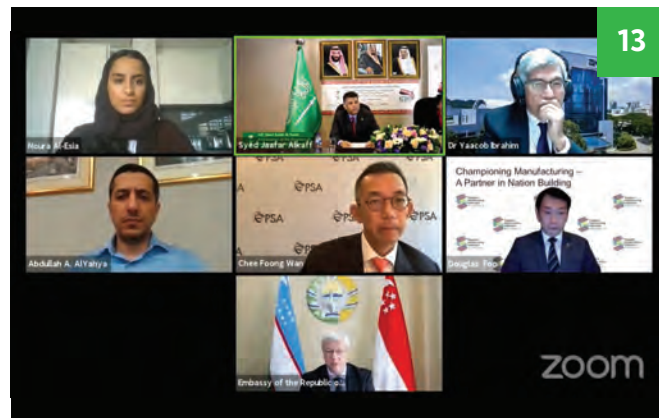
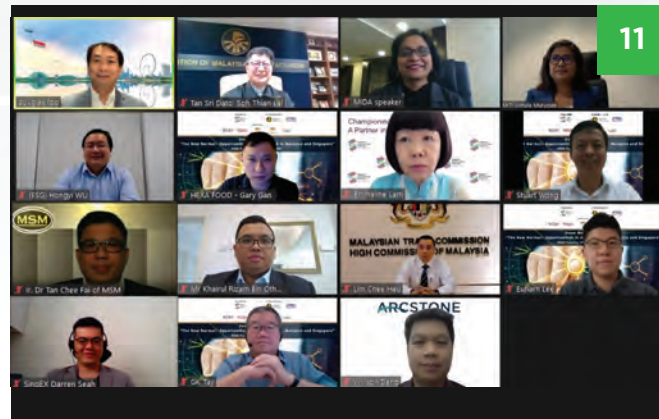
4. **27 August 2020** The SMF's International Networks and Strategic Development Department partnered with ICICI Bank to organise a webinar titled **"India Re-imagined - Thoughts in the Post-Covid World"**. This informative webinar provided more than 160 participants crucial information such as India Government initiatives to help foreign companies' expansion to India. Participants also heard from other companies' success stories in India.
5. **3 September 2020** The SMF's International Networks and Strategic Development Department, together with Mexico Embassy to Singapore, the Confederation of Industrial Chambers of Mexico (CONCAMIN), the Secretariat of Economy of Mexico, and Interplex Holdings Pte Ltd, with support from Enterprise Singapore (ESG), organised a webinar titled on **"Mexico - The Choice for Building Your Resilient and Robust Global Supply Chains"**. More than 170 participants heard from esteemed speakers such as His



6. **4 September 2020** Kansai Economic Federation (Kankeiren) hosted the **"2nd General Meeting of the Asia Business Creation (ABC) Platform"**, where the SMF is one of the member-countries, representing Singapore on the platform. SMF President Mr Douglas Foo and SMF Council Member Mr Neo Eng Chong shared how the SMF is supporting the manufacturing community during this pandemic.
7. **11 September 2020** The SMF was invited to participate in the Fireside Chat during ITAP's launch on the topic of **"Forging Ahead with Industry 4.0 in the New Normal"**. SMF President Mr Douglas Foo gave his views on how the manufacturing community could forge into the new normal with Industry 4.0 technologies.
8. **15 September 2020** The SMF's International Networks and

Strategic Development Department, together with the Batam Authority, and Indonesia Chamber of Commerce and Industry (KADIN) Singapore Committee organised a webinar session titled **"Batam - Industrial Transformation and Its Opportunities"**. More than 200 participants heard about the investment opportunities available in Batam.

9. **17 September 2020** The SMF's International Networks and Strategic Development Department, together with the Embassy of the Socialist Republic of Viet Nam in Singapore and Viet Nam Ministry of Planning and Investment, organised a webinar titled **"Leveraging on Vietnam for your Investments"**. This webinar enabled companies to explore Vietnam as a possible destination for diversification and to help companies to seize new business opportunities in Vietnam. More than 300 participants attended this webinar.



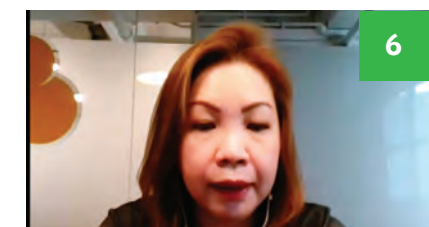
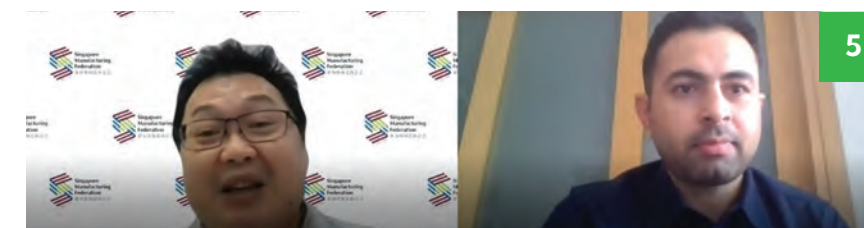
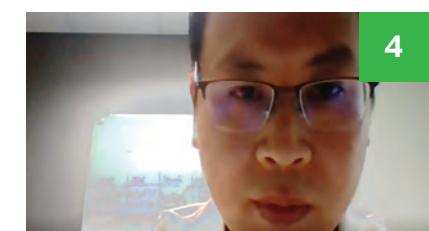
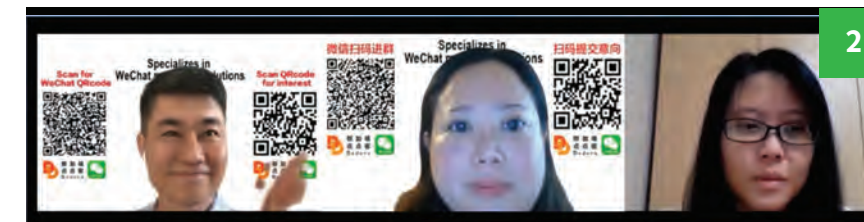
10. **21 September 2020** The SMF International Networks and Strategic Development Department and Tuya Smart Inc., a global IoT platform, organised the **Southeast Asia Edition of the 2020 AI+IoT Business Conference** titled **"Revive in Growth - Inspired by Intelligence"**. SMF President Mr Douglas Foo shared about harnessing AI+IoT to transform businesses in Singapore in the post-COVID era.
11. **22 September 2020** The SMF's International Networks and Strategic Development Department, in partnership with the Federation of Malaysian Manufacturers (FMM) and the Malaysia-Singapore Business Council (MSBC), organised a webinar session to discuss and provide an insight into **"The New Normal: Opportunities in Industry 4.0 in Malaysia and Singapore"**. More than 300 participants gained insights on how they can tap on opportunities in Malaysia's and Singapore's Industry 4.0 transformation.



12. **25 September 2020** The SMF was invited to participate in a virtual dialogue organised by the Stratagem Group and NTU Nanyang Centre for Public Administration (NCPA). Titled **"How has COVID-19 shaped economic and trade policies in Asia"**, SMF President Mr Douglas Foo shared how the COVID-19 pandemic has highlighted the vulnerability of the global supply chains and that now, businesses must review their supply chains to ensure its resilience against future challenges.
13. **5 November 2020** The SMF was invited to participate in a webinar series **"Saudi Arabia G20 Presidency Webinar"**, which was organised by the Royal Embassy of Saudi Arabia. During the session, SMF President Mr Douglas Foo shared how the SMF was assisting companies in adopting technologies to cushion the impact of the pandemic.
14. **20 November 2020** The SMF was invited to participate in the **"Lien China Development Forum 2020"**, which was organised by the Lien Ying Chow Legacy Fellowship at Nanyang Technological University (NTU) and China Center for International Economic Exchanges (CCIEE). SMF President Mr Douglas Foo was part of the panel discussion on **"Intensifying the Implementation of Innovation Driven Strategies to Boost High Quality Economic Development"**.
15. **4 February 2021** The SMF's International Networks and Strategic Development Department partnered with the High Commission of Canada in Singapore, the Canadian Trade Commissioner Service in Singapore, and the Canadian Chamber of Commerce in Singapore, for a webinar titled **"Canada: Your Hub in North America"**. The Honorable Mary Ng, Canadian Minister of Small Business, Export Promotion, and International Trade, delivered the keynote speech at the session. More than 250 participants gained insights on investing in the Canada Market.



18 March 2021 The SMF was invited to be one of the speakers for the webinar **"RCEP: New Cooperation Opportunity for Singapore and China"**, which was organised by the Lien Ying Chow Legacy Fellowship at NTU. During the webinar, SMF President Mr Douglas Foo shared how the upcoming Regional Comprehensive Economic Partnership Agreement (RCEP) will open more collaboration opportunities between Singapore and China companies.



COVID-19 Pivot Transformation Programme

The SMF's GBG and the International Networks and Strategic Development Department partnered with industry professionals from various sectors to conduct six exciting and informative webinars, covering a range of interesting topics from how to leverage digital tools to Indonesia's halal certification, GST reserve charge to fundamental data, business transformation during Covid and internationalisation frameworks. In total, more than 1,000 participants attended the webinars.

1. **6 May 2021** SMF's GBG partnered with Consulus Pte Ltd CEO, Mr Lawrence Chong (left) for the first session titled **"Navigating COVID-19"**.
2. **27 May 2021** (from left) Mr Terry Lee (Business Adviser, Dodoca Information Technology Singapore), Ms Felice Lim (Founder and Managing Director, Dodoca Group Pte Ltd), and Ms Vivian Tan (Manager, SMEsGo Digital) came together to give participants insights to **"Go Digital, Go Global"**.
3. **5 June 2021** Director for Business Development and Partnership of WhatsHalal Mr Qamarul Solihien Daud (left) and Chief Commercial Officer of WhatsHalal Mr Hadi Rahmad (right) provided participants with **"An Overview on Halal Certification"** for the Indonesia market.
4. **12 June 2021** Mr Danny Koh (right), a Deloitte & Touche LLP Accredited Tax Advisor on GST, shared his insights on **"GST Reverse Charge + GST Cost Savings"**.
5. **19 June 2020** The Nielsen Company's Director for Consumer Insights Mr Siddhar Sankhe (right), talked about **"The Power of Big + Small Data"**.
6. **26 June 2020** Ms Judy Tan, Director and Co-founder of Eatigo (left) shared her knowledge to the participants to **"Initiate Internationalisation"**.

ENTERPRISE EUROPE NETWORK SINGAPORE

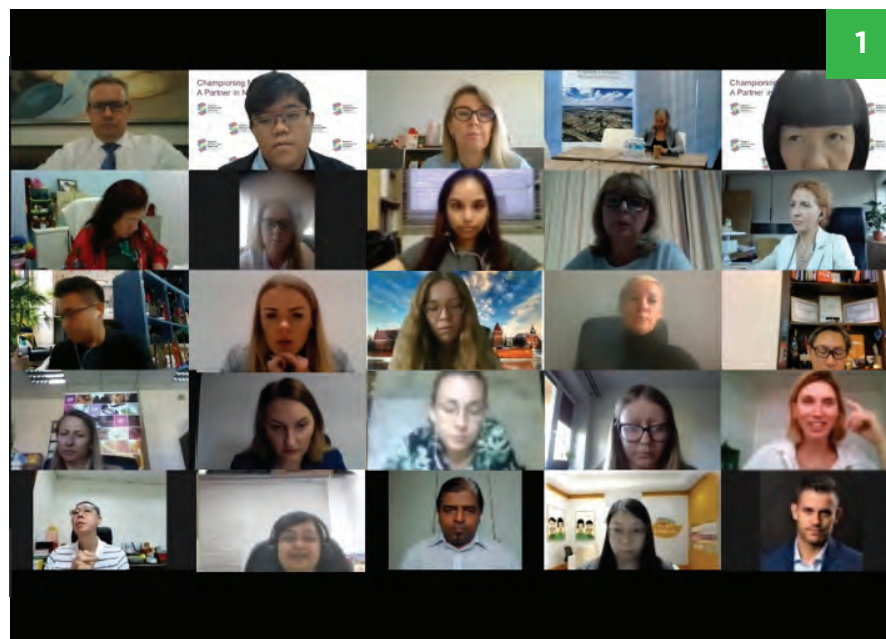
To assist Singapore companies gain access into the European markets through business and technology partnership opportunities with European companies, the SMF collaborated with Enterprise Singapore and Intellectual Property Intermediary (IPI) to set up the Singapore branch of the Enterprise Europe Network (EEN). To date, over 2000 Singapore companies have registered to join EEN and be part of its database.

Webinar & B2B Matching Session with Polish Companies/Producers/Suppliers of Food & Beverage Industry

3 September 2020 EEN Singapore and **Polish National Support Centre for Agriculture (KOWR)** co-organised a webinar and virtual B2B matching session to help companies from both nations to enter into each other's markets. During the event, speakers from EEN Singapore, KOWR, Singapore Food Agency (SFA) and Business Engineers Asia shared their insights into the Polish Food and Beverage (F&B) Industry and how Singapore F&B companies could enter into the Polish market. Polish companies then presented their business offerings to Singaporean companies, with virtual breakout rooms setup to allow one-on-one meetings between companies from both nations. The event was supported by the Embassy of the Republic of Poland in Singapore.

Netherlands-Singapore Technology Partnerships Virtual Pitching Webinar

10 September 2020 EEN Singapore co-organised a Technology Partnership Pitching Webinar for Dutch and Singaporean companies, together with the **EUREKA GlobalStars-Singapore Call, the Netherlands Innovation Network and the Netherlands Enterprise Agency**. The technologies that companies pitched focused on the following areas: Agri/ Food Innovation; Sustainability; Digitalisation; and, Manufacturing – Industry 4.0. Over 160 participants attended this webinar.



Singapore Manufacturing Federation & Schneider Electric Joint LIVE Panel Webinar – Implementing a Resilient Industry 4.0 Manufacturing!

23 September 2020 EEN Singapore, together with **Schneider Electric Pte Ltd** co-organised a live panel Webinar to share insights on building a resilient manufacturing sector with Industry 4.0. SMF Secretary-General Mr Lawrence Pék and Business Advisor

from SME Centre@SMF, Mr Jeremy Quah, were part of the panel with representatives from iPlast 4.0 Pte Ltd, Evercomm Singapore Pte Ltd, and Schneider Electric Pte Ltd. More than 160 participants attended this webinar.

Continuing Your Exports to the United Kingdom (UK) – Transitioning to the UK Conformity Assessed Marking & Updates on UK legislation for Medical Devices

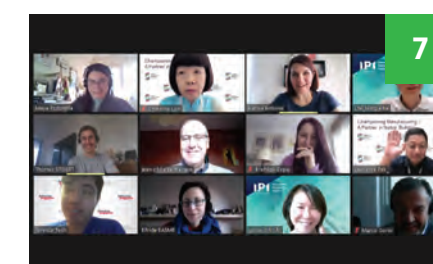
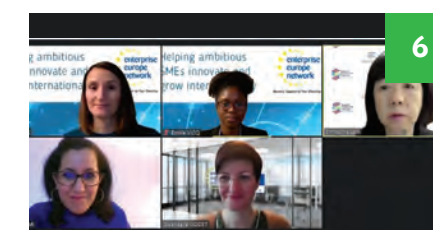
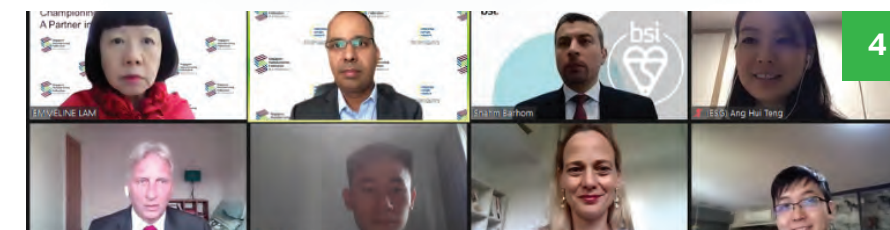
5 November 2020 EEN Singapore organised a webinar session to provide insights and details on transitioning to the United Kingdom Conformity Assessed (UKCA) Marking Post-Brexit to continue exporting to the United Kingdom. Updates to the new UK regulations on medical devices were also shared during the session. The webinar was supported by Enterprise Singapore and British Standards Institution (BSI). More than 370 participants attended the webinar.

The European Union-Singapore Free Trade Agreement (EUSFTA) First Year Anniversary Celebration

3 December 2020 The SMF was invited to be one of the speakers at the celebration of the EUSFTA's first year anniversary. SMF President Mr Douglas Foo presented the topic of "The Way Ahead – Supporting Business Cooperation" where he shared how Trade Associations and Chambers such as the SMF, together with EEN Singapore, support businesses in their internationalisation endeavours and encouraging businesses to make use of the benefits of Free Trade Agreements such as the EUSFTA. This event is organised by the European Union in Singapore and Singapore's Ministry of Trade and Industry (MTI). Mr S Iswaran, who is the Minister-in-Charge of Trade Relations and then Minister for Communications and Information gave the keynote speech.

"Enhancing Your Exports to Europe for Medical Devices: Legislations & Certification" Webinar

17 December 2020 EEN Singapore organised a webinar session which provide insights, analysis and tips on how to export medical devices and diagnostic test kits into the European Union (EU) as well as to share the legislations and certifications involved in exporting to Europe. Information and procedures needed to acquire the mandatory 'Conformite Europeenne' (CE) marking when exporting to the European Economic Area (EEA) were also shared during the session. This



webinar saw more than 200 participants comprising SMF members, representatives from fellow Trade Associations and Chambers (TACs), foreign chambers as well as senior management of companies.

EEN Singapore Pitching to EEN Global Webinar – "Meet our international partners: Enterprise Europe Network Singapore"

27 January 2021 Representatives from EEN Singapore, the SMF, Enterprise Singapore (ESG), and Intellectual Property Intermediary (IPI) Singapore participated in a webinar session to provide an overview on Singapore's business environment, mutual trade opportunity as well as services offered by EEN Singapore. More than 90 EEN partners attended this webinar session to better understand EEN Singapore and the services offered by its three partners. In addition, the webinar has raised a great deal of interest among the various Commission services (e.g. the EU Delegation).

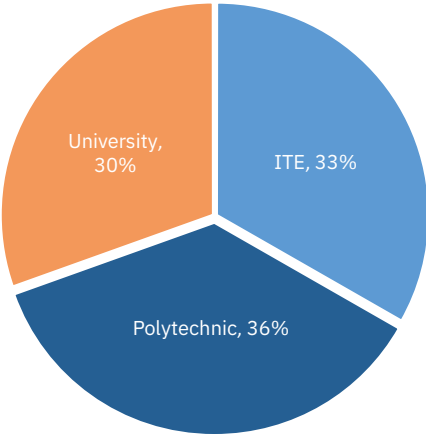
1. Company representatives from Poland and Singapore met virtually despite the time difference.
2. This technology matchmaking webinar had Dutch and Singaporean companies pitch their latest technologies to one another.
3. SMF Secretary-General Mr Lawrence Pék (top, middle) was part of the panel during the panel discussion.
4. Representatives from the SMF and the BSI shared insights on transitioning to the UKCA Marking Post-Brexit.
5. SMF President Mr Douglas Foo shared the topic of "The Way Ahead – Supporting Business Cooperation" during the EUSFTA First Year Anniversary celebration.
6. EEN Singapore's European partners share about legislations and certifications for exports to Europe.
7. EEN Singapore and its partners pitch to more than 90 EEN partners during the EEN Global Webinar.

GLOBAL READY TALENT PROGRAMME

The SMF is one of the eight Approved-In-Principle (AIP) partners of Enterprise Singapore to promote and manage the Global Ready Talent (GRT). The GRT facilitates Singaporean/Singapore Permanent Resident undergraduate students from the Institutes of Higher Learning in Singapore to perform their internships in local companies, particularly SMEs. The programme, formerly known as SME Talent Programme (STP), was enhanced by Enterprise Singapore on 1 April 2019 to include overseas internships (focusing on SEA, China and India) in addition to local internships.

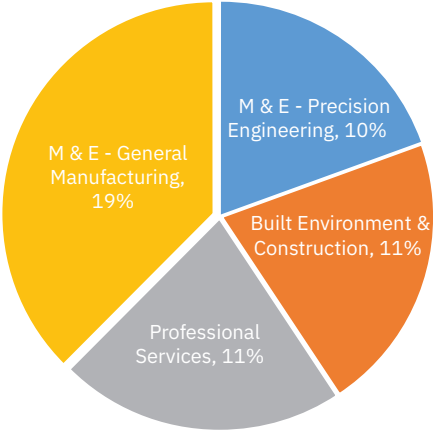
For this Financial Year, the GRT supported over 1,000 local and overseas internships. 142 companies participated in the GRT, with 90% of the companies being SMEs*.

*<200 staff OR <\$100m revenue



The internship participants are evenly distributed among all IHL levels

- 36% Polytechnic students
- 33% ITE students
- 30% University students



Top 3 sectors with local internship placements

- 1) M & E - General Manufacturing
- 2) Professional Services
- 3) Built Environment & Construction

The SMF has played a crucial role in:

- a) **Promoting GRT and encouraging Singapore companies to be host companies for internship/ work opportunities**
- b) **Profiling Singapore companies that are in the SMF's network**
- c) **GRT Administration**
 - Evaluate Singapore companies before on boarding process
 - Advise companies on application and claims submission process
 - Evaluate company application, job listing, internship placement and claims.

HEAR FROM OUR INTERNS:

- 92.5% of GRT interns expressed satisfaction with the internship. 96% indicated they met their learning objectives.
- 93.2% of GRT interns felt their internship experience was relevant to their field of study.
- 93.8% of GRT interns would recommend their internship to another student.
- 51.8% of GRT interns and companies are considering a renewal in employment

SUCCESS STORIES:

Success Story Sharing

Company: Maha Chemicals (Asia) Pte Ltd

Industry/Sector: Chemical

Employer's Story
- By Jacqueline Lim, Head of Human Capital

Maha Chemicals Asia, founded in 1975, is one of the foremost brand name in the Specialty Chemicals Marketing and Distribution Industry in the Southeast Asian region. Headquartered in Singapore, we provide a wide range of chemical solutions with a deep understanding of customers' needs across industries in 11 countries. We pride ourselves in the forefront of market innovation in the industries such as Paints & coating, Printing inks, Construction materials, Plastic & Rubber, Personal care, Food ingredients, Health etc. We also complement in providing solutions for lab equipment, analytical instrument and 3D printing. In congruence with our organization mission to enrich lives, MahaChem strongly encourages our people to foster lifelong learning and develop attitudes and habits that will place them at the top.

At MahaChem, human capital are our most valuable assets. We regard every individual as talent, be it full time employee or interns who have their area of expertise and value to contribute to support the organization's growth, and steering together towards our goal of becoming a leading global player in the specialty chemical industry with a recognized and preferred partner brand. To stay competitive and reach out to the market globally, we are continuously upgrading ourselves by leveraging on data and technology. As one of the SMEs in Singapore, human resources is always one of the challenges. However, with the support from the Global Ready Talent (GRT) Programme, we are able to overcome this challenge.

Success Story Sharing

MahaChem
MARKET INNOVATION

An intern provides an extra set of resources that can often help the company to accomplish goals or speed up the projects, with the application of new knowledge and technology they have learnt from school, they can spark new ideas or solution and for continuous improvement. It also provides an opportunity for our current employees to practice their mentorship skill, and also stay connected with them for their future employment consideration after they graduate.

At MahaChem, our learning credo is aptly epitomized by the acronym 'GOLF' – Go On Learning Forever. Our learning programs are distinctively marked by an empowering belief that any individual has the power to unlock its potential and unleash the power to soar like wings on eagles. The underlying learning philosophy of "GOLF" that signifies the importance of empowering our people to gain work and life skills is what MahaChem wants to achieve.

LIST OF SMF PARTNERS

Number of Singapore Partner Organisations

- | | |
|-----------------------------------------------------------------------|----------------------------------------------------------------------|
| 1. Africa-South East Asia Chamber of Commerce | 43. Union (NTUSU) |
| 2. American Chamber of Commerce in Singapore | 44. National Environment Agency (NEA) |
| 3. American Society of Transportation and Logistics | 45. National Trades Union Congress (NTUC) |
| 4. Association for the Advancement of Medical Instrumentation | 46. National University of Singapore (NUS) |
| 5. Association of Banks in Singapore | 47. New Zealand Chamber of Commerce (Singapore) |
| 6. Association of Small and Medium Enterprises (ASME) | 48. Ngee Ann Polytechnic (NP) |
| 7. Australian Alumni Singapore | 49. NTUC Learning Hub Pte Ltd |
| 8. British Chamber of Commerce | 50. Real Estate Developers' Association of Singapore |
| 9. Canadian Chamber of Commerce in Singapore | 51. Republic Polytechnic (RP) |
| 10. China Enterprises Association | 52. Restaurant Association of Singapore |
| 11. Consumers Association of Singapore (CASE) | 53. RHB Singapore |
| 12. DBS Bank | 54. SGTech |
| 13. Design Business Chamber Singapore (DBCS) | 55. Singapore Institute of Manufacturing Technology (SIMTech) |
| 14. Economic Development Board (EDB) | 56. Singapore Armed Forces (SAF) |
| 15. Employment and Employability Institute Pte Ltd (e2i) | 57. Singapore Association for Private Education (SAPE) |
| 16. Enterprise Singapore | 58. Singapore Business Advisors and Consultants Council (SBACC) |
| 17. European Chamber of Commerce, Singapore | 59. Singapore Business Federation (SBF) |
| 18. EXPERIAN | 60. Singapore Chinese Chamber of Commerce and Industry (SCCCI) |
| 19. Food Industry Asia (FIA) | 61. Singapore Computer Society |
| 20. Food Innovation and Resource Centre, Singapore Polytechnic (FIRC) | 62. Singapore Contractors Association Limited |
| 21. French Chamber of Commerce in Singapore | 63. Singapore Corporation of Rehabilitative Enterprises (SCORE) |
| 22. Health Promotion Board (HPB) | 64. Singapore Environment Council (SEC) |
| 23. Infocomm Media Development Authority (IMDA) | 65. Singapore Food Manufacturers' Federation (SFMA) |
| 24. Innovation Partner for Impact (IPI Singapore) | 66. Singapore Hotel Association |
| 25. Institute of Engineers, Singapore | 67. Singapore Indian Chamber of Commerce and Industry (SICCI) |
| 26. Institute of Singapore Chartered Accountants | 68. Singapore Industrial Automation Association (SIAA) |
| 27. Institute of Technical Education (ITE) | 69. Singapore Institute of Management (SIM) |
| 28. Italian Chamber of Commerce in Singapore | 70. Singapore Institute of Technology (SIT) |
| 29. Intellectual Property Office of Singapore (IPOS) | 71. Singapore International Chamber of Commerce (SICC) |
| 30. iSmart Advanced Manufacturing Solutions (iSAMS) | 72. Singapore Logistics Association (SLA) |
| 31. Japanese Chamber of Commerce and Industry Singapore | 73. Singapore Malay Chamber of Commerce and Industry (SMCCI) |
| 32. JTC Corporation | 74. Singapore Management University (SMU) |
| 33. Korean Chamber of Commerce (Singapore) | 75. Singapore National Employers Federation (SNEF) |
| 34. LASALLE College of the Arts | 76. Singapore Police Force (SPF) |
| 35. Ministry of Education (MOE) | 77. Singapore Polytechnic (SP) |
| 36. Ministry of Manpower (MOM) | 78. Singapore Precision Engineering & Technology Association (SPETA) |
| 37. Ministry of the Environment and Water Resources (MEWR) | |
| 38. Ministry of Trade and Industry (MTI) | |
| 39. Nanyang Academy of Fine Arts (NAFA) | |
| 40. Nanyang Polytechnic (NYP) | |
| 41. Nanyang Technological University (NTU) | |
| 42. Nanyang Technological University Student | |

79. Singapore Retailers Association
80. Singapore Shipping Association
81. Singapore University of Social Sciences (SUSS)
82. Singapore University of Technology and Design (SUTD)
83. Singaporean-German Chamber of Industry and Commerce
84. SkillsFuture Singapore (SSG)
85. Specialists Trade Alliance of Singapore

86. Standard Chartered Singapore
87. Temasek Polytechnic (TP)
88. The Australian Chamber of Commerce, Singapore
89. TÜV SÜD
90. United Overseas Bank
91. Vietnam Chamber of Commerce
92. Workforce Singapore (WSG)
93. WSH Council

Number of Overseas Partner Organisations

AMERICAS

- | | |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 1. Banco Adolpho Oliveria (represent the Central East Trade Corridor; CETRAC) | 12. Oklahoma Alliance for Manufacturing Excellence, Inc. Sociedad De Fomento Fabril |
| 2. Camara de Comercio Brasil - Cingapura | 13. The Chamber of Commerce of Lima, Peru |
| 3. Camara de Comercio Exterior de Cordoba | 14. U.S. Department of Commerce (International Trade Administration) |
| 4. Camara Nacional de la Industria de Transformacion | 15. Union Industrial Argentina |
| 5. Canadian Manufacturer's Association | 16. The Association for the Advancement of Medical Instrumentation of United States (AAMI) |
| 6. Chamber of Industries of Costa Rica (CICR) | 17. Trinidad & Tobago Manufacturers' Association |
| 7. Confederacion de Camaras Industriales de los Estados Unidos Mexicanos | 18. The Mexican Businessmen's Council for International Affairs (Consejo Empresarial Mexicano Para Asuntos Internacionales) |
| 8. Confederation College | 19. The Dade County Beacon Council |
| 9. Confederation of Industrial Chambers of Mexico (CONCAMIN) | 20. The Sociedad de Fomato Fabril (SOFOFA), Chile |
| 10. Corredor Centroleste | |
| 11. Guadalajara National Chamber of Commerce of Mexico | |

EUROPE

- | | |
|---------------------------------------------------------------------|-------------------------------------------------------------------------------|
| 1. Bulgarian Chamber of Commerce and Industry | Association (MUSIAD) |
| 2. Camera De Comert Si Industrie Cluj | 14. Romania Prahova County Chamber of Commerce |
| 3. Chamber of Commerce & Industry for Bedfordshire & District | 15. ROSTEC State Corporation |
| 4. Chamber of Commerce & Industry of Brasov | 16. Russia-Singapore Business Council |
| 5. Confederation of Hungarian Employers and Industrialists (MGYOSZ) | 17. Scottish Enterprise |
| 6. Confederation of Industry of the Czech Republic | 18. SEV Hellenic Federation of Enterprises |
| 7. Confederation of Italian Industries (Confindustria) | 19. Swiss-South East Asia Chamber of Commerce |
| 8. Confederation of Netherlands Industry and Employers (VNO-NCW) | 20. Chamber of Commerce and Industry of Romania and of Bucharest Municipality |
| 9. Croatian Chamber of Commerce | 21. Unindustria, Italy |
| 10. Federation of Belgian Enterprises VBO - FEB | 22. Farmindustria, Italy |
| 11. Federation of Hungarian Industrialists | 23. Bcelona Centre de Disseny (Barcelona Design Centre, BCD) |
| 12. Hungarian Chamber of Commerce | |
| 13. Independent Industrialists and Businessmen's | |

ASEAN, AUSTRALIA & OCEANIA

1. Australian Chamber of Manufacturers
2. Batam Industrial Development Authority
3. Cambodia Chamber of Commerce and Industry
4. Chinese Filipino Business Club, Inc (CFBCI)
5. Da Nang People's Committee
6. Department of Science, Education, Natural Resources and Environment, Ministry of Planning and Investment of Vietnam
7. Federation of Malaysian Manufacturers
8. Federation of Thai Industries (FTI)
9. Foreign Investment Agency of Vietnam Ministry of Planning and Investments
10. Indonesian Chamber of Commerce & Industry of North Sumatra
11. KADIN TK. I Sumatera Utara Perwakilan Kotamadya Medan (KADINDA Medan)
12. Kamar Dagang Industri Jawa Barat (Chamber of Commerce and Industry of West Java)
13. Kamar Dagang Dan Industri – KADIN (Indonesia Chamber of Commerce and Industry)
14. Kamar Dagang Industri Sumatera Barat (Chamber of Commerce and Industry of West Sumatra)
15. Makati Business Club
16. Massey University
17. Metal Trades Industry Association of Australia (MTIA)
18. Myanmar Industries Association
19. People's Committee of Quang Binh Province, Vietnam (Quang Binh PPC)
20. People's Council of Can Tho City of Vietnam
21. People's Committee of Yen Bai Province of Vietnam
22. Philippines Chambers of Commerce and Industry
23. Philippine Economic Zone Authority (PEZA)
24. Phnom Penh Chamber of Commerce
25. Quezon Chamber of Commerce & Industry
26. Salim Group of Companies
27. Thai Binh Province People's Committee of Vietnam
28. Timor-Leste TradeInvest Agency
29. Vietnam Chamber of Commerce & Industry (VCCI)
30. Vietcombank HQ, Hanoi
31. Vietnam Association of Small and Medium Enterprises (VINASME)

CHINA & NORTH EAST ASIA

1. Asia Business Creation (ABC) Platform of Kankeiren
2. China-ASEAN Business Council
3. China Association of Industrial Economics (CAIE)
4. China Council for the Promotion of International Trade Shandong Committee
5. China (Guangdong) Pilot Free Trade Zone Nansha Area of Guangzhou
6. China National Chemical Information Center
7. China Wuhan General Chamber of Commerce
8. China-ASEAN Expo
9. Chinese National Federation of Industries
10. Ehime International Business Association (EIBA)
11. Fuzhou Investment Promotion Organisation
12. Hangzhou Federation of Industry and Commerce
13. Hebei Provincial Business Invitation & Co-operation Bureau of China
14. Hong Kong Chinese Enterprises Association Electronics Committee
15. International Association of Traffic and Safety Sciences (IATSS)
16. International Investment Promotion Agency of Shandong Province
17. Ishikawa Machinery and Electronic Association
18. Japan Productivity Centre
19. Jiangsu Federation of Chamber of Commerce and Industry
20. Kansai Economic Federation
21. Korea Federation of SMEs of the Republic of Korea (KBIZ)
22. Nakao Fusion Institute
23. Nanjing Federation of Commerce and Industry
24. Nantong Federation of Commerce and Industry
25. The People's Government of Chongqing, Bishan District
26. Shanghai Federation of Industry and Commerce
27. Singapore Chamber of Commerce (Hong Kong)
28. Takasaki Seinenkeieisya Kyogikai
29. The Taiwan Electric Appliance Manufacturers' Association
30. Tianjin Association in Singapore
31. Tianjin Chamber of Commerce and Industry
32. Tianjin Federation of Chambers of Commerce and Industry
33. Xiamen Municipal Government of China
34. Xi'an Foreign Investment Centre
35. Yokohama Industrial Institute (YII)
36. Osaka Chamber of Commerce and Industry (OCCI)
37. Committee for the Promotion of International Trade, D.P.R Korea (KOMT)
38. Japan Management Association (JMA)
39. Ningbo Foreign Economic and Trade Commission

INDIA, AFRICA, MIDDLE EAST AND CENTRAL ASIA

1. Amman Chamber of Commerce
2. Association of Lebanese Industrialists
3. Association of Kazakhstan Machinery Industry
4. Bangladesh Chamber of Industries
5. Cairo Chamber of Commerce
6. Ceylon Chamber of Commerce
7. Chamber of Commerce and Industry of Uzbekistan
8. Confederation of Indian Industry (CII)
9. Dubai Chamber of Commerce and Industry
10. Egyptian Businessmen Association
11. Federation of Chambers of Commerce of Egypt
12. Federation of Indian Chambers of Commerce and Industry
13. Indian Chemical Manufacturers Association (ICMA)
14. Indian Merchants' Chamber
15. Jordanian Businessmen Association
16. Jordan Chamber of Commerce
17. Jordan Chamber of Industry
18. Manufacturer's Association of Israel
19. Metropolitan Chamber of Commerce and Industry, Dhaka
20. National Association of Small & Cottage Industries of Bangladesh
21. Nepal Chamber of Commerce (NCC)
22. PHD Chamber of Commerce and Industry
23. The Federation of Pakistan Chambers of Commerce & Industry
24. Forum of Indian Food Importers (FIFI)
25. Maharashtra Industrial Development Corporation (MIDC)
26. Agency for the Promotion of Industry, Tunisia
27. The Federation of Bangladesh Chambers of Commerce and Industry (FBCCI)
28. Manufacturers' Association of Israel
29. Federation of Israeli Chambers of Commerce

MEMBERSHIP AND INDUSTRY GROUPS

The SMF, through its Membership and Industry Groups (MEMIG), engages its members via its 10 industry groups (IG) through a myriad of initiatives and activities such as seminars, networking events and dialogue sessions. These activities enhance engagement between members and external parties which includes other federations and government agencies. With constant engagement and outreach, the committee aims to provide members with a conducive platform to network and meet fellow industry peers.

OUR INDUSTRY GROUPS

Advanced Engineering and Manufacturing (AEM) was rebranded from Metal, Machinery and Engineering (MME) in June 2021 to stay relevant to the world's trends and align with Singapore's Manufacturing 2030 vision. The AEM IG organises various activities to enrich, educate and stimulate members' interest. These activities include enabling members to gain first-hand information on government's programmes and other information that is beneficial to members' businesses. As a forward-looking Industry Group, AEM IG will also continually groom and guide 2nd generations and young employees in the precision engineering industry by exchanging knowledge and experiences with them.

Building Products and Construction Materials (BPCM) is a cluster of companies that manufactures, trades and distributes building and construction materials to cater to the construction industry. BPCM IG engages government authorities and statutory boards to ensure a level playing field for Singapore companies. Through collaboration with national organisations such as the Building and Construction Authority (BCA), Singapore Civil Defence Force (SCDF), Singapore Accreditation Council (SAC), the IG serves as a platform for the dissemination of government policies, and also plan feedback and dialogue sessions for members to communicate their concerns with the relevant government agencies.

Electrical, Electronics and Allied Industries (EEAI) is a cluster of companies that manufactures and supports development and trade in a wide spectrum of electrical and electronics products for use in both consumer and commercial environments. Products include common electrical appliances, PBCA boards and info-communication solutions. The IG also includes law firms & insurance agencies who make up for the allied industries.

Energy and Chemicals (E&C) is a cluster of companies in the oil & gas, power generation and chemicals manufacturing and distribution industries. These companies cover almost the entire spectrum of the petroleum supply chain and include downstream industries such as plastics and paints. In August 2020, the Singapore COVID-19 Cleaning and Disinfection Industry Taskforce (CDITF) was set up to be a platform for the cleaning, disinfection and hygiene industry.

Food & Beverage Industry (FB) involves the food & beverage manufacturing and services industries. This IG is instrumental in leading members in dialogues with government agencies, such as

the Singapore Food Agency (SFA) and the National Environment Agency (NEA). Its involvement in various major taskforces (e.g. War on Diabetes Taskforce under MOH) has helped lobby for important changes in the food industry.

Life Sciences (LS) represents the local generic drug manufacturers and related life sciences trade distributors. The group was established to maintain and enhance the reputation and credibility of the pharmaceutical industry in Singapore. Members meet regularly with the Health Sciences Authority (HSA) to discuss the latest regulatory issues in the region.

Lifestyle (LIG) was officially formed in September 1988 as a result of the merger of the Fashion & Apparel IG, the Jewellery & Watches IG, and the Furniture IG. Today, the LIG acts as the representative voice of the Lifestyle industry, its suppliers and customers. It encompasses sub-sectors from Beauty & Wellness, Entertainment & Enrichment, Fashion & Accessories, Gifts & Novelties, Health & Fitness, Hobbies, to Home & Furnishing products and supporting services. It has also been actively engaging Singapore's Lifestyle industry through various strategic initiatives with its members, partners and government agencies to transform and grow the industry.

Medical Technology (MT) aims to be the leading voice for the medical technology industry in Singapore. The active industry group comprises of top global medical technology multinational companies (MNCs) and local small and medium-sized enterprises (SMEs). MT IG strives to continue building effective relations with government stakeholders such as the Health Sciences Authority (HSA) and industry partners to move towards a more holistic approach for collaborative opportunities to address the industry concerns in the developments of medical devices to the end users.

Packaging Council of Singapore (PCS) serves as a catalyst in driving packaging innovation and creativity in global health and environmental issues. PCS is a member of the Asian Packaging Federation (APF) and the World Packaging Organisation (WPO). Through these networks, members are able to tap on this extensive resource to exchange knowledge and experiences.

PCS IG aims to promote excellence in packaging and keeping members informed of the latest trends and technology in the packaging industry. To further reinforce sustainable packaging materials, concepts and practices, PCS organises the Annual Singapore Packaging Star (SPSA) Awards to allow members to display their creativity and to keep themselves abreast of the latest packaging trends.

Smart Automation (SA) is a cluster of member companies in industrial automation, system integration, automation solution and consultancy companies that provide an array of products and services such as general automation, process control, sensors and sensing, vision systems and vision cameras, bar codes & RFID and motion control design, testing and implementation.

EMERGING STRONGER TOGETHER

INDUSTRY GROUPS COMMITTEE MEMBERS

ADVANCED ENGINEERING AND MANUFACTURING INDUSTRY GROUP (AEM IG)

(Previously known as Metal, Machinery & Engineering Industry Group (MME IG))

Chairman

Mr Chan Hai Kiang
Flexspeed Technology Pte Ltd
(Appointed as Chairman in Feb 2021)

Former Chairman

Mr James Wong
O. E. Manufacturing Pte Ltd
(Resigned as of 23 Dec 2020)

1st Deputy Chairman & Chairman for New Members Recruitment

Mr Raymond Wee
SalesTrade Corporation (S) Pte Ltd

Deputy Chairman for New Members Recruitment

Mr John Kong
M Metal Pte Ltd
(Resignation backdated to 1 Jan 2021)

Chairman for Manpower Development & Engagement with Poly/ITE students

Mr Alvin Cher Tai Soon
Almarc Engineering Pte Ltd

Chairman for Collaborations within AEMIG members

Mr Ow Chun Chor
Star Union Engineering Pte Ltd

Chairman for Young Entrepreneurs Network (YEN)

Mr Tan Shi Han
Taishan Sports Engineering Pte Ltd

Committee Members

Mr Marcus Sia (Chen Cheong)
Applied Total Control Treatment Pte Ltd

Mr Kelvin Tan Keng Hock
Bayswater Shipping & Forwarding Pte Ltd

Mr Benny Yeo
catTHIS Pte Ltd

Mr Tony Mochala
Chemtron Pte Ltd

Mr Siew Yit Foong
Cititech Industrial Engineering Pte Ltd

Mr Alvin Neo Hock Yeow
D&H Precision Tools Pte Ltd

Mr Van Kim Li
Gtrade S'pore Pte Ltd

Mr Tay Chor Kuan
Heidenhain Pacific Pte Ltd

Mr Ho Kee Nian
HKN Tanks Pte Ltd

Mr Oliver Chong
Kawarin Enterprise Pte Ltd

Mr Andy Koh
Linkmet Controls Pte Ltd

Mr Lee Swee Ser
Powerzone Technologies Pte Ltd

Dr Lim Chee Song
Simplex Pte Ltd

Mr Dedrick Loo
Sunlink Engineering Pte Ltd

Mr Kumar Ramesh
Titan Engineering Pte Ltd

Mr Dave Low
Willsoon (F.E.) Pte Ltd

BUILDING PRODUCTS AND CONSTRUCTION MATERIALS INDUSTRY GROUP (BPCM IG)

Chairman

Mr Jason Kurek
Allegion (SouthEast Asia) Pte Ltd

Immediate Past Chairman

Mr Rowan Tan

1st Deputy Chairman & Government, Innovation and Productivity Sub-Committee Chairman

Mr Alan Lee
South East Metal Industries Pte Ltd

2nd Deputy Chairman

Mr Brian Wong
Tacam Steel Pte Ltd

3rd Deputy Chairman

Mr David Goh
Vanguard Fire Systems Pte Ltd

Technical and Standards Sub-Committee Chairman

Mr Shawn Chan
Rockwool Building Materials (Singapore) Pte Ltd

Members Engagement Sub-Committee Chairman

Ms Helen Ang
STO SEA Pte Ltd

Members Engagement Sub-Committee Deputy Chairman

Ms Chee Lian Di
Richee Engineering Enterprise Pte Ltd

Committee Member

Mr Birch Sio
Concord Associates Pte Ltd

Mr Bryan Sio
Concord Associates Pte Ltd

Mr John Zhang
JLFC Pte Ltd

Mr Richard Chee
Richee Engineering Enterprise Pte Ltd

Mr Sim Jae Shen
Saint-Gobain (SEA) Pte Ltd

Mr Lem Yang Lim
Singapore Green Building Council

Mr Lim Meng Wee
SP Consulting (International) Pte Ltd

Mr Simon Swee Peng Koon
Sun City Maintenance Pte Ltd

Mr Tony Wong
Tiki International Enterprises Pte Ltd

Mr Andy Liang
Zoom Tech Pte Ltd

Observer
Mr John Kong
M Metal Pte Ltd
(Resignation backdated to 1 Jan 2021)

ELECTRICAL, ELECTRONICS AND ALLIED INDUSTRIES INDUSTRY GROUP (EEAI IG)

Chairman

Ms Joyce Seow
Watson E P Industries Pte Ltd

Immediate Past Chairman

Mr Tay Jih-Hsin
Swee Hin Power Systems Pte Ltd

Deputy Chairman and Vice-Chairman, Membership Engagement

Mr Tan Beng Koon
Fung Yip Electrical (S) Pte Ltd

Vice-Chairman, IT & Technology

Dr Anton Ravindran
Rapidstart Pte Ltd

Vice-Chairman, Testing, Inspection and Certification (TIC) Interest Group

Mr Sze Thiam Siong
SETSCO Services Pte Ltd

Vice-Chairman, Digital Commerce (DCom) Interest Group

Mr Vincent Lau Koon Tuck
Massive Infinity Pte Ltd

Committee Member

Mr Wong Keat Tze
Advanced Technology Enterprise Pte Ltd

Mr Allen Choong
Allen & Gledhill LLP
(Joined in Feb 2021)

Mr Lim Eng Heng
CAST Laboratories Pte Ltd

Mr Don Quek
Centre Testing International Pte Ltd

Mr Bernard Teo
China Singapore Suzhou Industrial Park Development

Ms Belinda Ng
China Singapore Suzhou Industrial Park Development

Mr Tan Ee Wei
Cyclect Group

Mr Kelvin Ong
FTV Labs Pte Ltd

Mr Tan Boon Chong
GP Batteries International Ltd

Mr Siva Gunesparan
GUUD (Singapore) Pte. Ltd
(Joined in August 2020)

Ms Jackie Hilario
Hitachi Sunway Informations Systems

Mr Dutch Ng
i-Sprint Innovations Pte Ltd

Ms Pearl Yu
Keystone Cable

Mr Jeffrey Lee
Nidec Sankyo Singapore Pte Ltd

Mr Thomas Ng
NKH Fluid Engineering Pte Ltd

Ms Jacqueline You-Seah
RHB Bank Berhad

Mr Bernard Lim
Tai Sin Electric Limited

Ms Chay-Lee Swee Gee
TUV SUD PSB Pte Ltd

Mr Jeffrey Tan
YCH Group Pte Ltd

ENERGY AND CHEMICALS INDUSTRY GROUP (E&C IG)

Chairman

Mr Simon Li
Feoso Oil (Singapore) Pte Ltd

Deputy Chair and Chairman, Oil & Gas Sub Committee

Mr Dennis Tan
Surbana Jurong Infrastructure Pte Ltd

Chairman, Chemicals Sub Committee

Mr Roy Tan
Aik Moh Paints & Chemicals Pte Ltd

Chairman, Energy & Power Sub Committee

Mr Toh Seong Wah
Energy Market Company Pte Ltd

Vice Chairman, Programs & Events Committee Group

Dr See Soo Loi
NSL Chemicals Ltd

Chairman, Cleaning and Material Protection Sub-Group

Dr Khoo Keng Meng
Lonza Chemical Singapore Pte Ltd

Chairperson, Singapore COVID-19 Cleaning & Disinfection Industry Task force

Ms Francia Solis
Vance Chemicals Pte Ltd

Committee Member

Ms Foo May Ling
Enviro Gas Pte Ltd

Mr Senthil Kumar
iSwitch Pte Ltd

Mr Chau Tak Vui
McKinn International Pte Ltd

Ms Geraldine Tan
PacificLight Energy Pte Ltd

Mr James Chong
Senoko Energy Supply Pte Ltd

Mr Michael Wong
Tuas Power Supply Pte Ltd

Ms Ellen Teo
Union Energy Corporation Pte Ltd

Mr Teng Chen-Ji
WWRC Singapore Pte Ltd

FOOD & BEVERAGE INDUSTRY GROUP (FB IG)

Chairman of F&B IG, Vice-Chairman for Government relations sub-work group

Mr Cheong Chung Kin
Win Sin (Pte) Ltd

Deputy Chairman

Ms Cyndy Au
Danisco Singapore Pte Ltd

Vice-Chairman for Functional Health Claims Sub-Work Group

Mr Darwin Lai
DSM Singapore Industrial Pte Ltd

Vice-Chairman for Singapore Code of Advertising Practice/ Common Nutrition Criteria Sub-Work Group, Vice-Chairman for Singapore Packaging Agreement Sub-work Group

Ms Lee Gee Chyn
Nestle Singapore (Pte) Ltd

Vice-Chairman for War on Diabetes Sub-Work Group

Ms Jennifer See
F&N Foods Pte Ltd

Vice-Chairman for Pro Enterprise Panel - USME

Ms Claire Ariela Shen
Cooking Art Industries Pte Ltd

Vice-Chairman for Enterprise Singapore sub-work group
 Ms Zhang Jia Lin
 Inflo Health Sciences

Committee Members
 Ms Verleen Goh
 Alchemy Foodtech Pte Ltd

 Ms Shermin Low
 Clouet Trading

 Ms Sharon Tan
 Coca Cola Far East Limited

 Ms Eva Tanudjaja
 FrieslandCampina (Singapore) Pte Ltd

 Ms Tan Sock Hoon, Yvonne
 Gardenia Foods (S) Pte Ltd

 Ms Charlotte Lok
 Herbalife International Singapore Pte Ltd

 Mr Ang Khim Wee
 Lim Kee Food Manufacturing Pte Ltd

 Ms Chenchill Kho
 Pepsico International Pte Ltd

 Mr Teri Teo
 PS Food and Beverage (S) Pte Ltd

 Ms Valerina See
 Straits Wholefoods Company

 Mr Jeremy Hauw
 Tuck Lee Ice Pte Ltd

 Mr Eugene Tan
 Wanin Industries Pte Ltd

LIFESTYLE INDUSTRY GROUP (LIG)
Chairman of L IG/Chairman for Education Subcommittee
 Mr Kimming Yap
 Creativeans Pte Ltd

Deputy Chairman/Chairman for Exhibition Subcommittee
 Mr Theodore Khng
 Theo10 Pte Ltd

Chairman for Export Subcommittee
 Mr Nick Chua
 Meitoto Pte Ltd

Committee Members
 Mr Amos Tan
 Activecool Fashion Pte Ltd
(Joined in Mar 2021)

 Mr CK Mah
 Magicforest.com.sg (Pte Ltd)

 Mr Ben Goh
 MS 1947 Pte Ltd

 Ms Jade Yip
 Chevron Pte Ltd

 Mr Cheong Kai Fon
 The FonZ – Le Charme Pte Ltd

 Mr Alfred Tan
 VMORE System Pte Ltd

LIFE SCIENCES INDUSTRY GROUP (LS IG)
Chairman
 Mr Mohan Kumar
 Strides Pharma Global Pte Ltd

Deputy Chairman
 Dr Farshad Shishechian
 Blue Aqua International Ltd

Vice Chairman
 Mr Adam Hamid
 Naina Mohamed & Sons Pte Ltd

Committee Members
 Dr Stephen Hsu
 Boehringer Ingelheim Singapore Pte Ltd

 Dr Ameet Ambarkhane
 Covate Pharma Pte Ltd

 Mr Raymond Lam
 Pharmaforte Singapore Pte Ltd

 Mr Victor Heng
 Practical Mediscience Pte Ltd

MEDICAL TECHNOLOGY INDUSTRY GROUP (MT IG)
Chairman
 Mr Henry Tan, PBM
 Alpha-Health (Asia) Pte Ltd
(Appointed as Chairman in Jun 2021)
Former Chairman
 Ms Margareta Laminto
 Johnson & Johnson Pte Ltd
(Stepped down as Chairman in Jan 2021)
Vice Chairman
 Ms Jacqueline C. Monteiro
 Abbott Laboratories

Regulatory Services Sub Committee Chairman
 Mr James Chan
 Baxter Healthcare (Asia) Pte Ltd

Industry Development Sub Committee Chairman
Committee Members
 Ms May Ng
 ARQon Pte Ltd

Committee Member
 Mr Daniel Tan
 Boston Scientific Asia Pacific Pte Ltd

 Mr Kenneth Cheong
 ConvaTec (Singapore) Pte Ltd

 Ms Kitty Mao Yi Qing
 GE Healthcare Pte Ltd

 Ms Priscilla Koh
 Johnson & Johnson Asia Pacific

 Mr Rey Zheng
 Mediwell Enterprise Pte Ltd

 Mr Bernard Tan
 Medtronic International

 Mr Edwin Tay
 NeuMed Pte Ltd

 Ms Yenny Anggoro
 Stryker ASEAN

 Ms Shannon Khoo
 Teleflex Medical Asia Pte Ltd

PACKAGING COUNCIL OF SINGAPORE INDUSTRY GROUP (PCS IG)
Chairman
 Ms Betty Tan, PBM
 Sin Cheong Containers Mfg (Pte) Ltd

Deputy Chairman
 Mr Richard Ng
 Transicom Engineering Pte Ltd

Team Lead for Packaging Conference
 Mr Lloyd Lowe
 BASF South East Asia Pte Ltd

Team Lead for Membership Recruitment, Outreach and Awareness
 Mr Phillip Lee
 Sealed Air Pte Ltd

Committee Member
 Mr Terrence Hong
 Asiawide Print Holdings Pte Ltd

 Ms Grace Low
 Greenpac (S) Pte Ltd

 Mr Damien Fong
 Iceworks Communications Pte Ltd
(Left in Jun 2020)

 Ms Toh Lili
 L'earth (S) Pte Ltd

 Ms May Yap
 LHT Holdings Limited

 Dr Nelson Cheng
 Magna International Pte Ltd

 Ms Andelyn Oh
 Sin Chew Woodpaq Pte Ltd

 Mr Johnny Tan
 Sing Mah Wooden Cases
 Manufacturer Pte Ltd

 Ms Joanna Tan
 Starlite Printers (Far East) Pte Ltd

 Mr Tan Jit Khoon
 Winson Press Pte Ltd

SMART AUTOMATION INDUSTRY GROUP (SA IG)
Chairman of SA IG, Chairman for Digital Skills Transformation sub-group
 Mr David Chia
 Beckhoff Automation Pte Ltd
(Appointed as SA IG Chairman in Jun 2021)
Former Chairman
 Mr Brandon Lee
 Intech APAC Pte Ltd
(Resigned as of 28 Dec 2020)
Vice Chairman for Automation Services & Consulting
 Mr Mun Kok Woh
 ASTech Pte Ltd

Chairman for SME Digitalisation sub-group
 Mr Daniel Lau
 Servo Dynamics Pte Ltd

Chairman for Collaborative Digital Service sub-group
 Mr Lee Theam Wah
 Opex Consulting Group LLP

Committee Members
 Mr Ong Chin Shen (Jenson)
 ABB Pte Ltd

 Mr Su Cong
 Carl Zeiss Pte Ltd

 Mr Zavior Kulandasamy
 Daishin Engineering Pte Ltd

 Mr Ng Teck Soon
 Merport SG Pte Ltd

 Ms Chen Zi Juan, Jessie
 Rexadvance Technology Pte Ltd

 Mr Roy Guo
 Savcos Automation Pte Ltd

 Mr Sew June Sung
 TecMaven Group Pte Ltd

 Mr Tan Aik Jin (AJ)
 Zebra Technologies Asia Pacific Pte Ltd

NETWORKING

New Members' Welcome

The New Members' Welcome, with support from RHB Singapore, is a monthly networking session held at the SMF building where SMF's new members are gathered to interact and socialise with fellow business owners. The first session was held in October 2020, with more than 300 company representatives participating across 10 sessions in the past 6 months.



RHB Singapore set up a booth at the New Members' Welcome session to interact with new members



SMF's Centre for Corporate Learning (CCL) introduced their programmes to new members.

The session starts with an introduction to the SMF and sharing of the services the SMF provides to members such as job matching, guidance in grants applications and business to business matching sessions. New members were also encouraged to participate in upcoming activities that would provide them with more value to their membership. The event also featured booths set up by partnering members and Associated Services, allowing them to introduce their services to new members.

SMF Secretariat were also on hand to understand members' pain points during COVID-19 so that they could provide better assistance to members and help in their business resilience.

Christmas Celebration 2020 @ The SMF

The SMF held its annual Christmas celebration during its new members' welcome on 9 December 2020, with support from the event partner RHB Singapore. Over 50 SMF Member companies participated in the festivities across two sessions. Mr Ian Lee, SMF's Director for Membership and Industry Groups (MEMIG) Department, gave a welcome speech, encouraging attendees to use this Christmas event as a platform to exchange ideas and explore new possibilities, as well as to build long-term relationships with one another.

During the Christmas celebration, attendees were able to take part in a Christmas quiz and a lucky draw, where a Nescafe Coffee Machine and Apple AirPods were among the prizes. At the conclusion of the celebration, attendees expressed their satisfaction with the activities that was planned for them.

The celebration concluded with light refreshments where attendees were treated to a sumptuous snack box filled with traditional Nonya Kuehs and a gingerbread cookie to cater to the festive mood.



SMF Secretary-General Mr Lawrence Pek, together with Ms Jacqueline You-Seah from RHB Singapore gave out the 1st prize of the lucky draw – a pair of Apple AirPods

Business Insights & Networking Event by Lifestyle Industry Group

The SMF's Lifestyle Industry Group (LIG) organised a business insights and networking event, together with event partners i-Sprint Innovations, Singapore Institute of Retail Studies (SIRS) and SME Centre@ SMF (SMEC) on 21 January 2021.

This session had event partners sharing informative insights to members that will help them protect their businesses and see new growth in the new year. Topics such as anti-counterfeit solutions to protect brands and products, 2021 retail trends, and available grants for businesses were shared by the speakers. Towards the end of the event, members networked and updated one another on their latest business offerings.



LIG Chairman Mr Kimming Yap welcoming all LIG members to the business event.

WEBINARS AND BUSINESS MEETINGS

Lifestyle Industry Group Fireside Chats! Webinar Series

The SMF's Lifestyle Industry Group (LIG) created a webinar series titled "LIG Fireside Chats!", with the first episode broadcasted in April 2020 on the SMF Youtube channel. Garnering more than 400 views, this three-episode series had experts from SKALE, Singapore Institute of Retail Studies-Nanyang Polytechnic (SIRS-NYP), and LABHaus shared insights to grow businesses through digital transformation. The series was facilitated by LIG Chairman Mr Kimming Yap. To watch the series, click on the link here https://www.youtube.com/playlist?list=PLPm-afeLbtLWF92_Y0eZS25YVHykVNMOE or scan the QR code below.



The first episode had Founder and CEO of SKALE Ms Yuet Whey Siah sharing how retail businesses may bounce back even in times of crisis, by capitalising new opportunities and extract value from E-Commerce channels.



The second episode featured Digital Commerce Lead from SIRS-NYP Mr David Lee, where he shared ways to jumpstart a business through digital transformation.



The third and final episode had Founder and Managing Principal Mr Steven Nebel share new ideas on designing seamless shopping experiences for post COVID-19 era.



LIG Fireside Chats! Panel Discussion

Continuing from the LIG Fireside Chats! Webinar series, the SMF's LIG, in partnership with RHB Singapore, held a panel discussion on 27 November 2020 to discuss the topic, "How to grow your business in this current time of crisis".

LIG Chairman Mr Kimming Yap and panel experts from LABHaus, SKALE, and SIRS-NYP came together to give insights on the play between digital and brick-and-mortar retail for a more effective business setting, available grants and schemes for businesses to tap on, and also answer questions from the participants.

Through this webinar, participants gained insights on identifying low hanging fruits by refocusing on customer relationship and experiences, thus unlocking value and efficiencies that translate to immediate sales for survival.

"Continuing the Journey Towards Zero Packaging Waste" PCS Conference

The SMF's Packaging Council of Singapore (PCS) held its annual conference on 27 July 2020. Held online for the first time, the two-part conference titled "Continuing the Journey Towards Zero Packaging Waste" had speakers from various packaging companies and experts from Institutes of Higher Learning (IHL) share the importance of reducing packaging waste in Singapore and how companies may use sustainable packaging alternatives for their packaging needs.

The panel discussion convened during the second part of the conference, which was held on 26 October 2020. The panel discussion had experts from Nanyang Polytechnic, Sealed Air, and Magna International discuss various ways to adopt sustainable packaging. The panel also answered questions from attendees on achieving zero packaging waste and 3R goals.



(Top left to bottom right): Ms Chevady Chang (senior lecturer, School of Design, Nanyang Polytechnic), Dr Nelson Cheng (CEO, Magna International Pte Ltd), Mr Chee Yap (Executive Director for R&D, Sealed Air Corporation), and Mr Lloyd Lowe (PCS Committee Member) who is also the moderator in this panel.

BPCM IG Supported Fire Safety Webinar

The SMF's Building Products and Construction Materials (BPCM) Industry Group (IG) supported the inaugural Fire Safety webinar by the National Fire and Civil Emergency Preparedness Council (NFEC) on 19 October 2020. Themed "Fire Safety in the New Normal", the webinar provided a platform for subject matter experts to present and discuss fire safety related issues, including the latest technological development and gadgets.

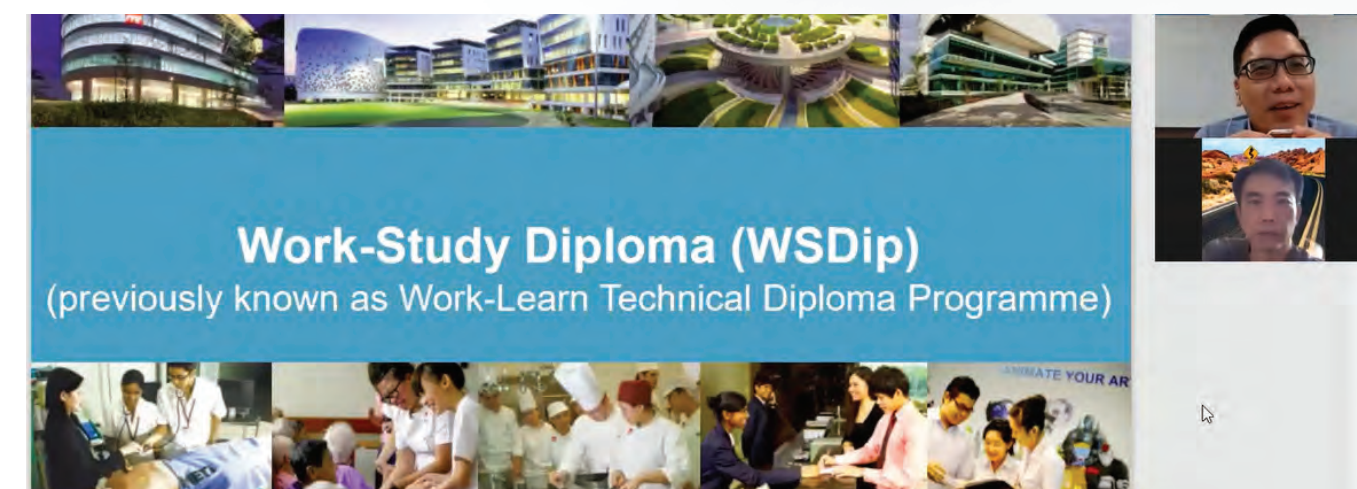
BPCM IG's First Deputy Chairman Mr Alan Lee was one of the panellists during the Q&A session, where participants had the opportunity to address their concerns on fire safety issues in Singapore. Some 2000 practitioners from the local fire safety fraternity such as Fire Safety Managers, Registered Inspectors (RI) and Fire Safety Engineers signed up for the webinar. Due to overwhelming response, a second session was held on 30 October 2020, which was also oversubscribed, having to turn away participants when it hits the limit of 2000 participants.



BPCM IG supported the "Fire Safety in the New Normal" webinar, which was organised by NFEC. BPCM IG's First Deputy Chairman Mr Alan Lee (bottom left photo, extreme right) was part of the panel during the Q&A session.

Hiring in the Midst of the Pandemic Webinar

The SMF's Human Resource Project Manager (HRPM) held a webinar that was jointly-organised with the Institute of Technical Education (ITE) and Singapore Institute of Management (SIM) on 13 January 2021. Titled "Hiring in the Midst of the Pandemic", companies got to learn about the hiring challenges in 2021 and solutions to resolve these challenges. Besides that, both ITE and SIM shared some internship programmes that companies could tap on to solve their manpower issues.

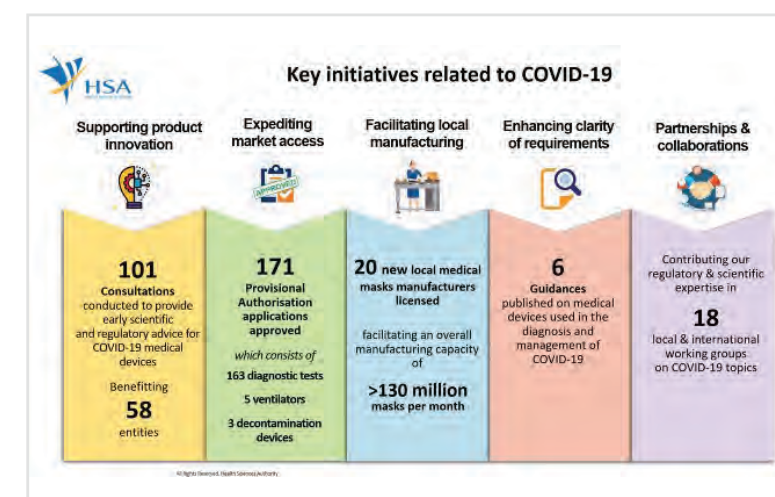


HRPM held a webinar with the ITE and SIM to share insights with companies on solutions to solve hiring challenges and internship programmes.

Medical Technology Industry Group (MTIG) Annual Dialogue Session

The SMF's Medical Technology Industry Group (MTIG) held its annual dialogue session with Health Sciences Authority (HSA) CEO Dr Mimi Choong and the Asia Pacific Medical Technology Association (APACMed) on 18 January 2021.

During the session, Chairman for the Regulatory Sub-committee of MTIG, Mr James Chan gave a short introduction on MTIG, its mission, goals and upcoming initiatives. MTIG members also gave feedback on various issues such as allowing relief and extend deadlines for importers for stockholding and running down of stocks for masks and thermometers. They also shared the Mandatory Packaging Reporting (MPR) requirements to all Medical Technology stakeholders.

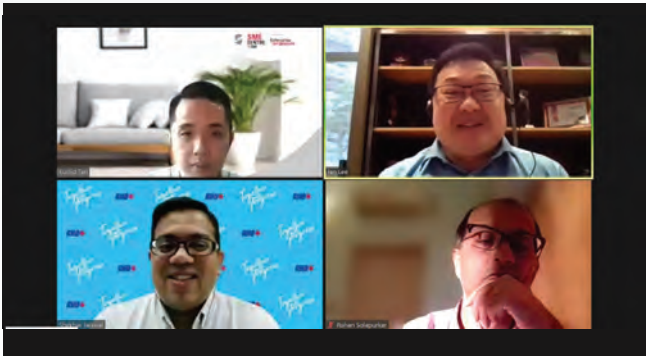


HSA presented key Initiatives that are related to COVID-19.

Post-Budget Insights Webinar

A post-budget insights Webinar was held on 12 March 2021 with Mr Shekhar Jaiswal, Head of Equity Research at RHB Singapore and Mr Rohan Solapurkar, Tax Partner in Singapore at Deloitte & Touche Financial Advisory Services. The post-budget webinar followed after Singapore Deputy Prime Minister and then Minister for Finance, Mr Heng Swee Keat, delivered the Budget Statement in Parliament on 16 February 2021.

This webinar provided participants with insights such as Singapore’s market outlook in 2021 for different industries, budget changes and the impact it would have on corporate tax, and available government grants that businesses could tap on to help them overcome the challenges in the new normal.

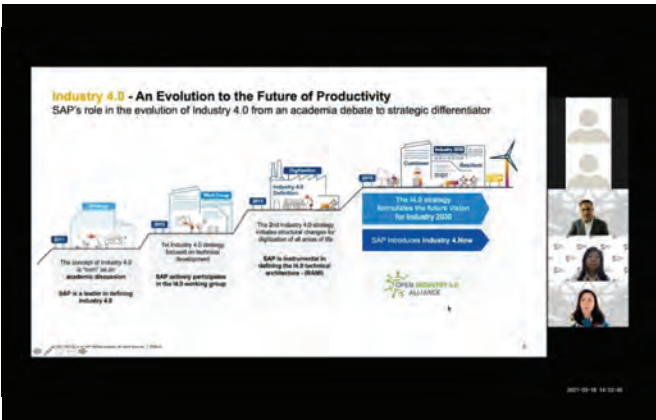


(From top left to bottom right): Mr Euclid Tan (Business Advisor, SME Centre@SMF), Mr Ian Lee (Director, Membership and Industry Groups), Mr Shekhar Jaiswal (Head of Equity Research, RHB Singapore), and Mr Rohan Solapurkar (Tax Partner, Deloitte & Touche Financial Advisory Services).

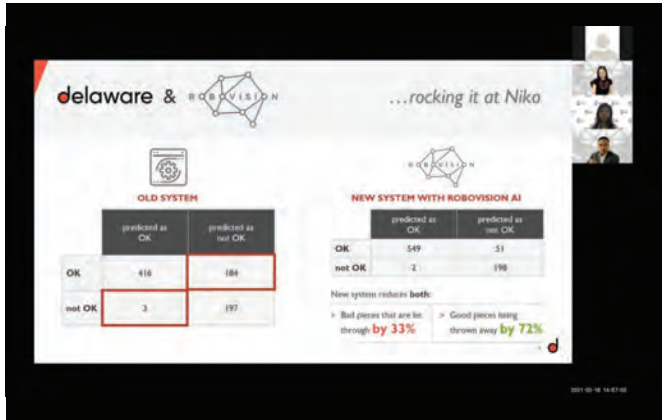
Business Transformation Made Easy for Operations & Supply Chain Professionals Webinar

The SMF’s Electrical, Electronics and Allied Industries (EEAI) IG organised a webinar titled “Business Transformation Made Easy for Operations & Supply Chain Professionals” on 18 March 2021, together with SAP Asia and Delaware.

This webinar had industry leaders shared the advent of technologies in this fourth Industrial Revolution. Technological advancements such as Internet of Things, 3D printing and mobile devices, have kept operations running during the pandemic and is critical for their crisis respondents.



Senior Solutions Director of SAP APJ Innovation Office Mr Satya Sahu presented SAP’s role in the evolution of Industry 4.0.



Delaware’s Managing Director and Partner, Ms Yeo Pei Lin shared Delaware’s collaboration with Robovision.

FACTORY SHOWCASE
Advanced Manufacturing Factory Filming

One of the SMF’s initiatives for this financial year was to profile and showcase advanced manufacturing capabilities, processes and the attractive working environment of SMF members. Adopting advanced manufacturing practices help companies drive overall productivity growth and attract talents. To showcase these companies, the SMF organised filming sessions with some of our SMF members, starting with members from the Food & Beverage Industry Group (FBIG), and was launched on the SMF’s YouTube and social media channels. Some of the companies the SMF featured were Baker’s Oven Patisseries, Lim Kee Food Manufacturing and Thong Siek Food Industry, among many others.

These companies used to do much of their production manually, but with the implementation of automation and digitalisation, they could upskill their manpower so that they could do more meaningful roles.



Baker’s Oven Patisseries automated Dough Machine to knead the dough.



Lim Kee Food Manufacturing manufactures a wide range of oriental food such as paus, lo mai kai and siew mai, using technologies to ensure consistencies.



Thong Siek Food Industry automated their processes to increase productivity.

LAUNCH OF TASKFORCE

The Cleaning and Disinfectant Industry Taskforce (CDITF)

The SMF launched a new taskforce – the Singapore COVID-19 Cleaning and Disinfection Industry Taskforce (CDITF) on 25 August 2020. This is an initiative by the SMF Energy and Chemicals (E&C) Industry Group (IG), to establish a platform for the Cleaning, Disinfection and Hygiene industry. The taskforce discusses relevant issues pertaining to the industry, while promoting best practices and innovation to help the industry grow competitively amidst the pandemic. Through collaborations with government agencies and private institutions, the taskforce aims to educate the public on the safety and quality of products for consumers and institutional customers.

Since the launch of the CDITF, they have published a Disinfectant Industry Guidance, through collaborations with the National Environment Agency (NEA), with references to overseas standards such as the European Standard – EN 1040 and EN 13697.

The guidance serves as an informational guide to provide industry benchmarks for quality, safety and efficacy of surface disinfectants. While it does not replace any existing regulatory obligations, it provides additional information that may assist the industry in meeting existing regulatory obligations. The guidance also seeks to foster the appropriate use of products as directed. The Disinfectant Industry Guidance covers the following areas:

- Products to be excluded from the cleaning and disinfectant product list
- Safety measures to manufacture cleaning and disinfectant products
- Product quality management – maintaining standards of product quality
- General requirements for cleaning and disinfectant products
- Label requirements to display on cleaning and disinfectant products
- Claims advisory related to efficacy

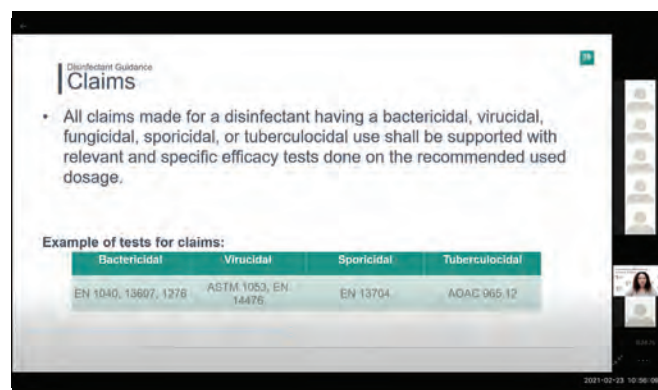
To view the Guidance, you may visit the link here <https://www.smfederation.org.sg/sites/default/files/SMF%20CDITF%20-%20Disinfectant%20Industry%20Guide%202020%2021.pdf> or scan the QR code.



The CDITF also held a webinar on 23 February 2021 to brief the industry about the Guidance and gather feedback. More than 70 participants attended the webinar, gaining insights on key issues such as the outlook scenario for demand and supply of disinfectant raw materials for 2021.



Dr Khoo Keng Meng from Lonza Chemical Singapore Pte Ltd gave a brief introduction of the taskforce during the webinar.



Ms Francia Solis from Vance Chemicals Pte Ltd, who is also the chairperson of the taskforce, gave an overview of the Disinfectant Guidance.

RECOGNISING COMPANIES

Singapore Packaging Star Awards 2020

Organised by the SMF's Packaging Council of Singapore, the Singapore Packaging Star Awards (SPSA) is a prestigious national award that honours companies and students for their innovative and creative packaging designs and material use. The Award has four categories – Commercial Sales & Display, Commercial Environmental Sustainable Packaging, Commercial Transportation & Protection, and Student Sales & Display category. Winners of the Singapore Packaging Star Awards will have the opportunity to gain regional and international acclaim as they will be eligible to represent Singapore in the AsiaStar Awards and WorldStar Awards.



The SMF produced a short video to showcase the winning designs.

This year, 25 packaging designs were recognised for their sustainability, creativity, and ability to protect the product it carries. Out of the 25 winners, nine of them were students from various Institutes of Higher Learning. While the award ceremony had to be on hold due to the restrictions in place to stop the spread of COVID-19, the SMF produced a short video to showcase the winning designs. To view the winning designs, click the link here <https://www.youtube.com/watch?v=p1HhYyTtVSg> or scan the QR code.



Workplace, Safety and Health Awards 2020

The Workplace Safety and Health (WSH) Awards were presented to companies and individuals who have upheld high safety and health standards at their workplaces. This year, the 12th edition of the awards saw 14 companies take home the WSH Innovation Awards (Manufacturing) and four supervisors awarded the WSH Awards for Supervisors (Manufacturing).

Due to the pandemic situation, the gala dinner organised by the WSH Council was cancelled, with the trophies delivered to the companies. However, to recognise the manufacturing companies' efforts in upholding health and safety standards in the workplaces, the SMF held a small awards ceremony on 24 November 2020 for winners under the manufacturing category, with safe management measures in place.



The SMF organised a small WSH award ceremony for manufacturing companies to recognise their efforts in upholding health and safety standards in their workplaces.



Recipients of the Gold Award in the WSH Innovation Award (Manufacturing) and WSH Awards for Supervisors (Manufacturing) Award categories.

SMF CENTRE FOR CORPORATE LEARNING (CCL)

For over five decades, the SMF has been providing training programmes to the Singapore business community. To enhance our training programmes, the SMF set up the SMF Centre for Corporate Learning (CCL) in 2010. It has since been instrumental in assisting the SMF to meet its mission of helping companies increase their competitiveness by equipping their employees with skillsets and knowledge to perform at optimum levels.

With the belief that people are the most important asset of any organisation, and having built a wide range of comprehensive and holistic corporate learning programmes, the SMF CCL now extends its services beyond the manufacturing industries.

SERVICE OFFERINGS

The SMF CCL is a one-stop business service provider, offering a holistic suite of training programmes including:

- Upgrading of skills of the manufacturing workforce
- Nurturing of T-Shaped skills for Professionals, Managers, Executives and Technicians (PMETs)
- Driving Productivity Growth
- Seminars, Conferences and Workshops
- Customised In-House Training Solutions
- Career Services, Job Placements and Job Matching
- Training Needs Analysis
- Local & Overseas Training Consultancy

Providing Training and Support to Help Tide over a Major Crisis

Due to the slowdown of the economy, border closures, travel restrictions and safety measures in place to stem the spread of the COVID-19 pandemic, the SMF CCL has been vigorously conducting a wide range of upskilling courses, professional conversions and place-and-train programmes. These courses and programmes are conducted in support of various national initiatives to help organisations and the workforce to upgrade and transform, thus becoming more resilient and resourceful in reaching their business goals and personal objectives.

The SMF CCL expanded its collaboration with pre-approved solutions providers under the SMEs Go Digital programme to assist an increasing number of SMEs in tapping the Productivity Solutions Grant (PSG). This is to

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M Metal Pte Ltd
(Resigned as of 31 July 2021)

Mr Lawrence Pek
Singapore Manufacturing Federation

help with effective and timely implementation of digital solutions for productivity improvements and resiliency.

From April to August 2020, the SMF CCL intensively ran a series of webinars to guide SMEs to use digital systems in implementing their businesses as well as enabling their employees to work from home or have flexible work arrangements. The webinars attracted an attendance of over 1,000 SME representatives who were keen to find digital solutions for their businesses' teething problems and pressing issues. The key takeaways for these SMEs included solutions to streamline business processes, e-commerce marketplace, cloud accounting systems, working remotely efficiently, and the availability of Government support schemes that can help SMEs to better sustain their operations and achieve business growth.

Taking a broad view of being future-ready and overcoming market challenges for businesses, as well as greater employability for individuals, the SMF CCL will continue to develop and implement more training and support programmes to help our nation and its people build a better, brighter future.

The SMF CCL held a series of webinars between April to August 2020, which benefitted more than 1,000 SMEs to transform their business digitally.

The SMF CCL held a webinar to share how companies may move their accounting system to the digital realm on 28 July 2020.

Mr Jim Giam, CEO of FirstCom Solutions Pte Ltd, shared the benefits of using e-commerce to drive and sustain businesses on 24 April 2020.

SINGAPORE INNOVATION AND PRODUCTIVITY INSTITUTE (SIPI)

The SMF's Singapore Innovation and Productivity Institute (SiPi) provides ongoing support in driving manufacturing and operational excellence through innovation and productivity for the Singapore manufacturing community. Over the years, SiPi has assisted the SMF Centre for Corporate Learning (SMF CCL) to develop and incorporate the Business Model Innovation (BMI) methodology into a slew of training programmes, primarily for local small and medium enterprises (SMEs) to transform their businesses with advanced manufacturing technologies and digitalised systems. This is with the aim to improve their productivity, lower their operating costs, and increase their revenue streams.

In the last financial year, over 1,000 SMEs benefitted from key programmes by SMF CCL. These programmes have incorporated SiPi's BMI methodology, coupled with business process reengineering and job redesign. These programmes include:

- Professional Conversion Programme (PCP) Regional
- Professional Conversion Programme (PCP) Broad-Based Manufacturing
- SMEs Go Digital: Digital Project Management Service (DPMS)
- Business Modelling towards Industry 4.0
- Effective Implementation of Digitalisation through Business Modelling

SIPI BOARD OF DIRECTORS

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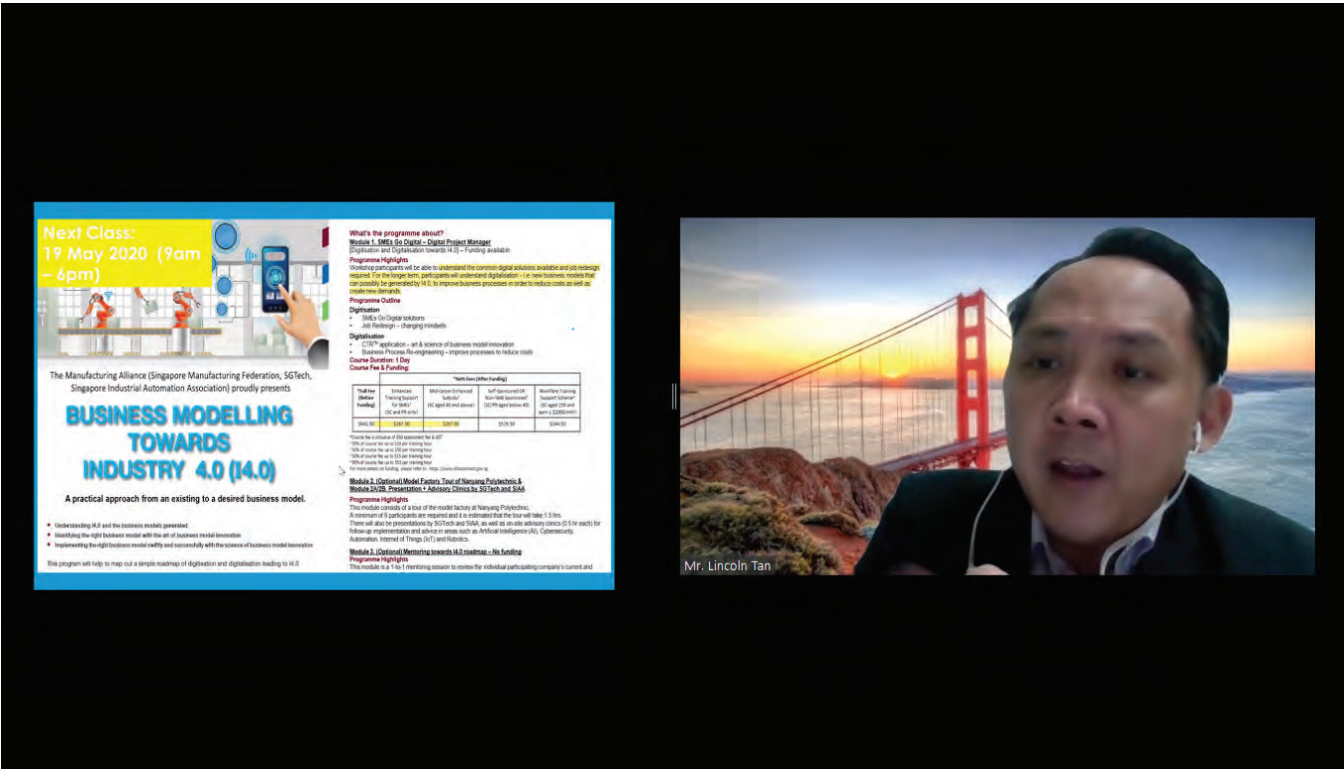
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Business Modelling Towards Industry 4.0 Webinar

Jointly presented by the Manufacturing Alliance Transformation Office (MATO) comprising the SMF, SGTech, and Singapore Industrial Automation Association, the Business Modelling Towards Industry 4.0 programme aims to provide participating companies with a good understanding of digitalisation and how Industry 4.0 can generate many different business models.

During the circuit breaker period, SiPi, through SMF CCL, moved the programme to the virtual realm and held a webinar session on 12 May 2020. During the webinar, trainers from SMF CCL shared the importance of pivoting the business model that can incorporate I 4.0 technologies, especially in a time when digital tools are heavily depended on for business continuity.



SiPi, through SMF CCL, shared the importance of 'Business Modelling towards Industry 4.0 during a webinar held on 12 May 2020.

GS1 SINGAPORE LTD

GS1 Singapore is part of a worldwide network of GS1 organisations in over 115 countries with its global office based in Brussels, Belgium. We enable companies to become more efficient in their supply chain by uniquely identifying products, assets, shipments and physical locations throughout the global supply chain, while also enabling trading partners to exchange information critical to their businesses. Applications of GS1 standards are wide ranging. Examples are scanning groceries at supermarkets' point-of-sales for fast check-out, tackling counterfeit issues for online purchases through market-places, tracing defective product batches during a recall, as well as locating medical items accurately and quickly to save a life.

GS1 BUILDS A STRONG FOUNDATION FOR THE INDUSTRIES WE SERVE

As a member-based, not-for-profit organisation, we are the only authorised source for GS1 barcode numbers and standards in Singapore. Our charter is to bring the GS1 standards to the industries to help companies achieve efficient supply chain management. We bring businesses, technology providers and government agencies together. We assist business owners in finding solutions to overcome their supply chain challenges and provide regulators with neutral, user-driven and global perspectives to aid them in developing policies affecting supply chain efficiencies. We enable networking platforms and help to showcase our members, solution providers and industry leaders' supply chain best practices.

GS1 BUILDS BRIDGES BETWEEN THE PHYSICAL AND DIGITAL WORLDS

GS1 Standards are the most widely used system of standards in the world for supply chain management, covering sectors in retail, food, healthcare, finance, technical industries, transport and logistics. Our standards form the backbone of the supply chain and help to identify, capture and share information. Businesses can use these standards in business processes such as traceability and fighting illicit trade.

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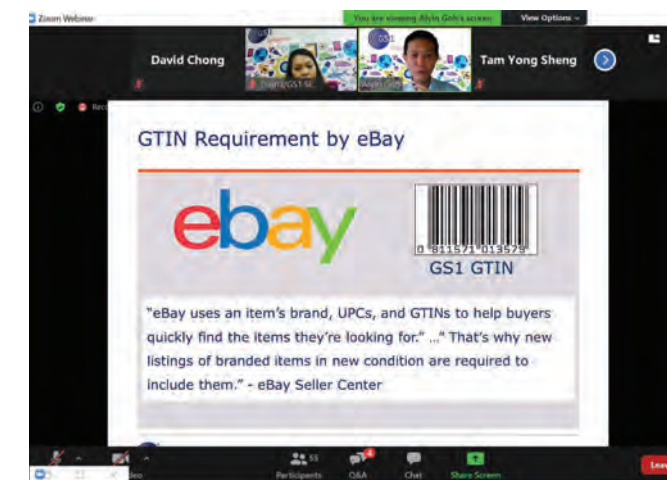
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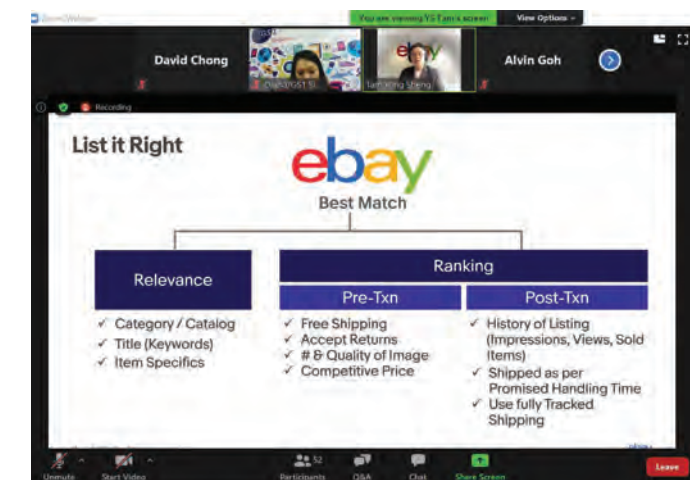
Business Expansion Beyond Asia Webinar Series

GS1 Singapore, in collaboration with **eBay**, organised a two-part e-commerce Webinar series in June 2020 to address best practices that businesses can adopt when expanding their e-commerce business to alternative markets beyond Asia through **eBay**. e-commerce partners in fulfilment, payments and e-commerce business management were invited to share their expertise. **DHL** shared tips on post-pandemic global fulfilment, and through GS1's sharing, attendees discovered the importance of having a good foundation for their business through proper product identification with GS1 barcodes and digital content creation. As e-commerce becomes more competitive, a merchant needs reliable partnerships with a payment gateway like **WorldFirst**, and seamless e-commerce business management like **SELLinALL's** Multi E-commerce Platform.

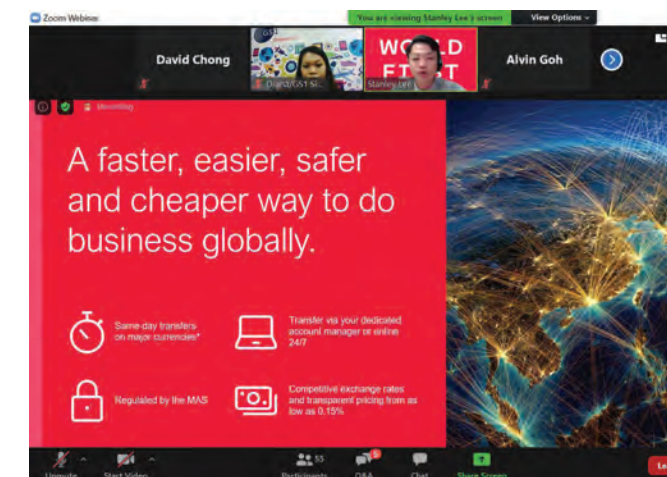
Both webinar sessions were well received with more than 150 attendees representing various sectors including retail, food, healthcare, transport & logistics, solutions providers, academia and government agencies. The webinars helped attendees make informed decisions in enhancing their e-commerce business, and even inspired some to start expanding their business into e-commerce from a traditional brick and mortar store. GS1 Standards and Solutions play important roles in preparing companies to embark on their e-commerce journey by adopting a global product identification at the start to ensure visibility and traceability. Along with good quality digitalised content creation, businesses are provided an edge over their competitors.



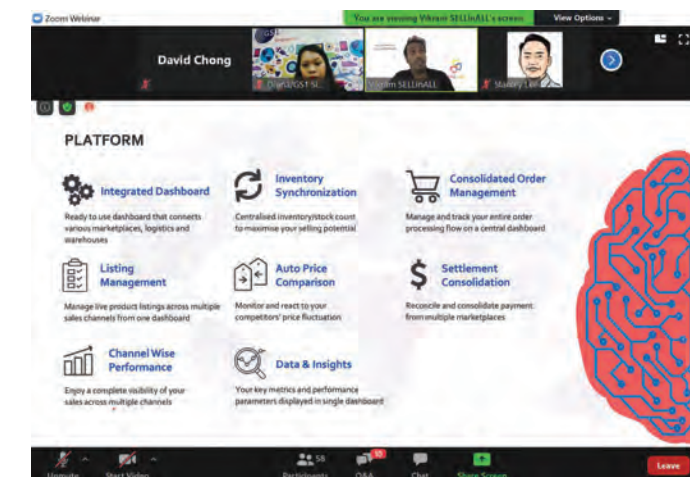
Business Development & Projects Manager of GS1 Singapore Mr Alvin Goh, shared GTIN Requirement by eBay.



Business Development & Partnerships Lead of eBay SEA Mr Tam Yong Sheng, shared listing procedure and selling globally on eBay.



Head of e-commerce of WorldFirst SEA Mr Stanley Lee, shared how SMEs and local businesses can scale abroad.



CEO and Founder of SELLinALL Mr Vikraman Ilango Panrutti, shared how cloud-based e-commerce platform makes selling on multiple marketplaces effortless.

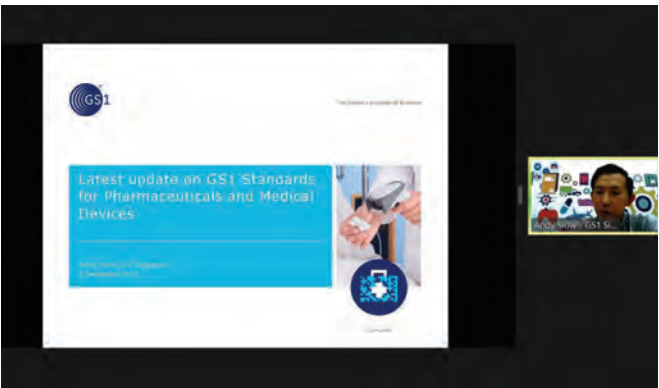
GS1 Singapore Healthcare Forum: Accelerating Digitalisation in Healthcare Supply Chain, 3 December 2020

The bar is rising for healthcare supply chains especially during this pandemic. Surviving and thriving the current economic disruption demands manufacturers to rethink every aspect of their business. To help companies stay current with the latest trends and gain insights to digitalisation in the healthcare industry, GS1 Singapore successfully organised a Healthcare Forum Webinar on 3 December 2020 with the theme on “Accelerating Digitalisation in Healthcare Supply Chain”.

Sponsored by **Esker Document Automation Asia Pte Ltd**, **Pharmalutions Pte Ltd** and **Sato Asia Pacific Pte Ltd**, the three-hour event received more than 350 registrations

from hospitals, pharmacies, suppliers and distributors of pharmaceuticals and medical devices.

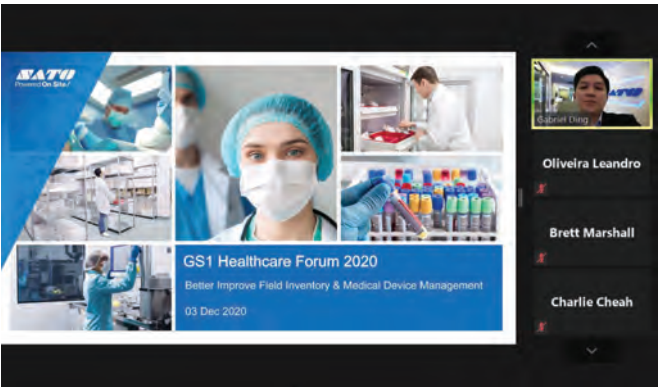
This forum helped attendees make informed decisions on implementing best practices and technologies in boosting their healthcare business and improve their supply chain. The mission of GS1 Healthcare is to lead the healthcare sector towards successful development and implementation of global standards by bringing together experts in healthcare to enhance patient safety and supply chain efficiencies. With this successful event, GS1 Singapore will be looking to organise another event together with partners in 2021.



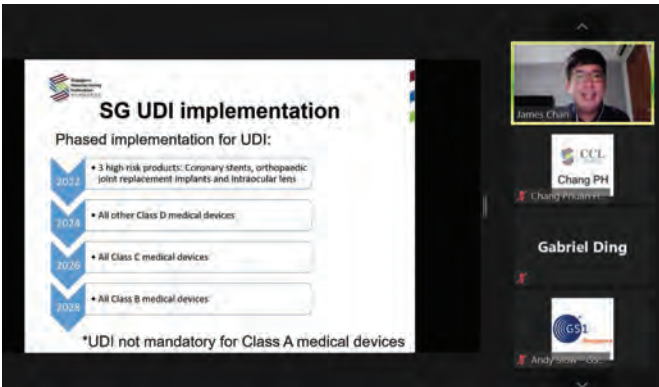
Senior Manager of GS1 Singapore Mr Andy Siow, started off the session with the latest updates on GS1 Standards for Pharmaceuticals and Medical Devices.



Founder and Director of Pharmalutions Mr Tilman Joerss, shared insights on Track & Trace for Product-Serialisation.



Business Development Manager at SATO Asia Pacific Mr Gabriel Ding, shared ways to better improve field inventory and medical device management.



Mr James Chan, Chairperson of Regulatory Services Sub Committee from the SMF's MTIG, shared insights on the planned UDI implementation in Singapore.

Adoption of RFID in Harsh Environment Webinar, 30 March 2021

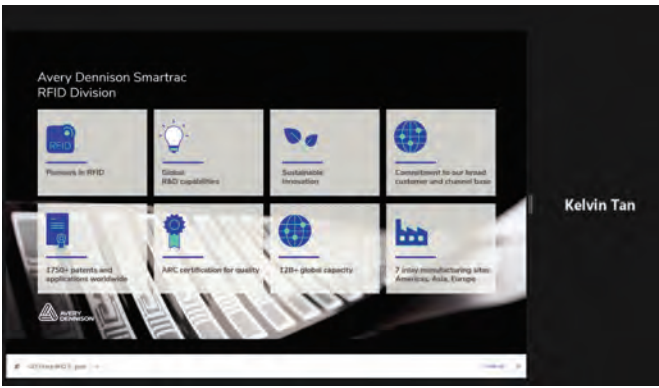
Asset tracking in harsh conditions is an important part of inventory management. With the right solution, companies can manage and track their assets even in extreme conditions. In collaboration with **Avery Dennison**, **Tunity Technologies**, and **Zebra Technologies**, GS1 Singapore conducted its first virtual RFID seminar of the year on 30 March 2021, focusing on usage of RFID tags under extreme conditions. Topics on how GS1 Standards enabled the uniqueness of each RFID tag and discovered right tags built to withstand harsh environments based on each needs and requirements were discussed during the webinar. Invited

experts then shared insights such as latest development of RAIN RFID and best practices to maximise the adoption of the solution.

Riding on the demand and popularity of RFID seminars, GS1 Singapore continues to curate similar seminars which are ideal for any individual who is starting to work on or exploring an RFID project and would like to gain better understanding on how GS1 Standards can complement RFID solution to improve supply chain management.



Senior Executive of GS1 Singapore Ms Rachel Paran, started off the session with GS1 EPC/RFID Standards enabling RFID Technology.



Senior Manager in Business Development for APAC of Avery Dennison Mr Kelvin Tan, shared the Smartrac Solution and on choosing the right RFID for harsh environment.



Managing Director of Tunity Technologies Ms Lim Peck Hui, shared how to track objects in extreme conditions.



Regional Product Manager of Zebra Technologies Mr Jason Ong, shared the impact of external factors on RFID adoption.

SME CENTRE @ SMF

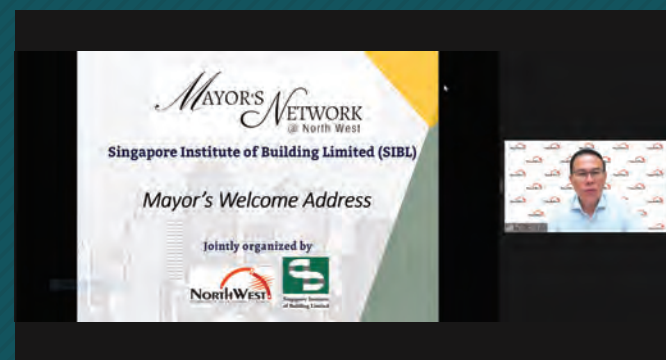
SME Centre @ Singapore Manufacturing Federation (SMEC @ SMF) was established in May 2005 as one of the Associated Services of the SMF. Supported by Enterprise Singapore, SMEC @ SMF provides small and medium enterprises (SMEs) with easy access to business advisory to help them start, sustain and grow their businesses. The first-stop SME Centres provide services including business diagnosis, information on government schemes and capability workshops.

For the financial year, SMEC @ SMF has attended to over 5000 SME cases.

NORTHWEST MAYOR DIALOGUE SESSION

The North West Community Development Centre was assisted by the SME Centre@NorthWest in engaging with the building and construction industry through the North West Mayor Dialogue session on 25 June 2020. Construction and building companies have expressed their concerns about the COVID-19 situation, rising business costs, and the closure of work sites and dormitories.

Former North West District Mayor Dr Teo Ho Pin spoke about current government policies and took feedback from the audience during the workshop. A SME Centre@NorthWest Business Advisor then shared the support and measures put in place by the Singapore Government to help SMEs during this difficult time.



Former North West District Mayor Dr Teo Ho Pin gave his welcome address during the dialogue session.

SME CENTRE CONFERENCE 2020 (WEBINAR)

The SME Centre Conference is an annual event that guides micro and small businesses how to grow their businesses and stay competitive in an ever-changing business landscape. SMEs can learn from reputable business leaders and knowledge experts at this conference. Participants will also have the opportunity to network with over 800 SME CEOs, founders, entrepreneurs, and policymakers.

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Singapore Manufacturing Federation

Jointly organised by the SME Centres and supported by Enterprise Singapore, this edition held on 6 August 2020 highlighted the importance for SMEs to stay relevant with digital technologies, identify and seize international growth opportunities, as well as acquiring actionable insights from industry experts. As COVID-19 continues to transform the business landscape, new opportunities are emerging – especially for companies that are building up their capabilities and taking a digital-first approach towards doing business.



SMF President Mr Douglas Foo gave his welcome address during the Conference. Minister of State for Trade & Industry and Culture, Community & Youth, Ms Low Yen Ling was the Guest-of-Honour for the Conference.

The Conference provided insights from industry experts on navigating this new normal, and hearing from home-grown firms on how they had collaborated with SME Centres to pivot and grow their business for long-term competitiveness.

Together, we can re-shape the way you do business.

Below are some of the event highlights from SME Centre Conference 2020:

- 1 Understand how the new normal has changed the business landscape, and what this means for your company
- 2 Learn how other businesses have continuously built up their capabilities and carved out opportunities for themselves
- 3 Explore new strategies and digital tools you can leverage to grow your business

INCREASE THE REACH AND VISIBILITY OF YOUR BUSINESS THROUGH DIGITAL MARKETING

SME Centre@SouthWest held a virtual workshop on 9 September 2020 to teach participants how to use digital marketing tools to increase brand awareness for SMEs' e-commerce businesses. Over 100 participants from 94 SMEs attended the workshop. Representatives from SME Centre@SouthWest shared the digital marketing tools companies could use to get more visitors to visit their e-commerce platforms. One of the industry practitioners also provided guidance to creating greater brand awareness online.



SME Centre@SouthWest held a virtual workshop on 9 September 2020 to help SMEs create greater brand awareness online

SMF STANDARDS DEVELOPMENT ORGANISATION

The SMF has been appointed by Enterprise Singapore as the Standards Development Organisation (SDO) since 1 April 2011. Under SMF-SDO, it manages four Standards Committees covering biomedical and health, food, quality and safety, and manufacturing.

SMF-SDO oversees the development of over 350 standards under the four Standards Committees, and manages about 23 Technical Committees and 87 Working Groups. It also oversees Singapore's participation in 42 Participating memberships and ISO/IEC Technical Committees. For this financial year, it completed 50 standards, which are projected to be used by more than 2,000 companies in Singapore, and organised 18 promotional activities, covering standards launches, standards adoption workshops, strategic planning sessions, and media engagements.

SMF-SDO has also reached out and engaged more than 200 new standards partners to participate in the national standardisation programme.

LAUNCH OF SINGAPORE STANDARD SS 656 DESIGN, DEVELOPMENT AND VALIDATION OF MIRNA-BASED DIAGNOSTIC

Singapore is the first country in the world to introduce a national standard on design, development and validation of miRNA-based diagnostic, putting us at the forefront of the emerging trend in biotech and medical research.

MicroRNA(s) (miRNA(s)) are short non-coding RNAs that regulate the expression of target genes by binding to the 3' untranslated region of the target Messenger RNA(s). It is a novel class of biomolecules discovered in the early 21st century and has continuously been the reason for breakthrough discoveries in biomedical research worldwide. As miRNA research has expanded into a large number of disease areas, it has become clear that expression levels of certain miRNAs are altered in different diseases. As such, the potential of these small non-coding RNAs as biomarkers has become obvious, and exploiting it has become a focus for researchers around the globe.

SS 656:2020 describes key considerations for the design, development and performance evaluation of miRNA-based molecular diagnostic assays. It also provides guidance for the development process and the design of the analytical and clinical performance evaluation studies of the assay based on its defined intended purpose(s). The considerations described in this standard are applicable to all miRNA-based diagnostic assays including commercial in vitro diagnostic assays and also for assays developed and used within clinical laboratories for diagnostic purposes.

SMF-SDO STEERING COMMITTEE

The SMF-SDO Steering Committee meets twice a year to review the work plan of the four Standards Committees, key performance indicators and key service performance indicators, with the aim to provide guidance and strategic inputs to SMF-SDO on areas of improvement.

Chairman

Mr Tan Boon Chong
GP Batteries International Limited

Industry Representatives

Mr Cheong Chung Kin
Win Sin (Pte) Ltd

Ms Heidi Goh

Edwards Lifesciences (Singapore) Pte Ltd

Mr Sze Thiam Siong

SETSCO Services Pte Ltd

Mr Birch Sio

Concord Associates Pte Ltd

SMF Representative

Mr Lawrence Pek

Standards Committee Representatives

Dr Yong Chern Chet
Chairman, Biomedical and Health Standards Committee

Dr Allan Lim

Chairman, Food Standards Committee

Dr John Yong Ming Shyan

Chairman, Manufacturing Standards Committee

Er. Ismadi Mohd

Chairman, Quality and Safety Standards Committee

Enterprise Singapore Representatives

Mr Sim Choon Siong
Mr Cheong Tak Leong

The standard was launched virtually on 4 September 2020 by SMF-SDO where members from the working group provided an overview of the standard. They also shared the application of SS 656 for miRNA from research to commercialisation, its application in a clinical diagnostics setting, and how it ties in with regulators and supports them.

LAUNCH OF TR 87 SAFETY OF ADDITIVE MANUFACTURING FACILITIES

Additive Manufacturing, also known as 3D printing, is seen as a transformative technology for every industry sectors.

To equip local additive manufacturing (AM) companies, especially new entrants, with industry best practices on the safe setup, operations and maintenance of AM facilities in Singapore, Second Minister for Trade and Industry Dr Tan See Leng launched a new technical reference (TR) 87 on "Safety of Additive Manufacturing Facilities" on 31 March 2021. The TR was developed by one of the SMF-SDO's Working Group, which are appointed by the Technical Committee for Additive Manufacturing.

TR 87 enables companies in AM to take advantage of Singapore's robust quality and standards ecosystem to seize new opportunities in supporting the high value operations of global manufacturing companies anchored in Singapore. The TR promotes the use of a safety framework for AM facilities and to manage hazardous materials, such as fine metal powders, which is a key ingredient in the AM process that are typically microscopic in size, can pose a health hazard to workers, and be toxic to the environment.



Second Minister for Trade and Industry Dr Tan See Leng (first row, middle), launched the TR 87 during his visit to Sodick Singapore Technology Centre.

LAUNCH OF SS 661 SPECIFICATION FOR CLEAN AND GREEN URBAN FARMS – AGRICULTURE

To boost demand for local produce and achieve Singapore's "30 by 30" goal, which is to meet 30 percent of our nutritional needs locally by 2030, the Singapore Food Agency (SFA), Enterprise Singapore, SMF-SDO and Republic Polytechnic launched a new Singapore standard for local farms known as "SS 661:2020 Specification for clean and green urban farms – agriculture" on 26 March 2021. The new standard will assure consumers that produce from local vegetable farms are fresh, free from synthetic pesticides, and grown sustainably with efficient use of resources without compromising the environment.

The SS 661 sets out criteria that urban vegetable farms have to meet in terms of farm management, techniques and practices to achieve a clean and green production system. This ranges from employees' minimum competency requirements, plans for the responsible management of resources, green procurement practices, farm operations to procedures for handling customers' complaints, farm product recalls and conducting internal audits. The standard will also help vegetable farms adopt smart farming techniques and practices to reduce wastage of resources, incorporate circularity in their resource management, and optimise operational efficiency.



Dr Tan Lee Kim, Director-General, Food Administration and Deputy Chief Executive Officer of Singapore Food Agency (first row, 2nd on the right) launched the SS 661: 2020 at Republic Polytechnic, Agriculture Technology Laboratory

MANAGEMENT AND FUNCTION COMMITTEE

ETHICS & CORPORATE GOVERNANCE MANAGEMENT COMMITTEE

| | | |
|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Chairman Mr John Kong M Metal Pte Ltd (Resignation backdated 1 Jan 2021) | Deputy Chairman Ms Angeline Suparto Angeline Suparto Law Corporation | Committee Members Mr Birch Sio Concord Associates Pte Ltd Mr Lim Meng Wee SP Consulting (International) Pte Ltd |
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FINANCE MANAGEMENT COMMITTEE

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|-------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------|
| Chairman Mr Saw Ken Wye CrimsonLogic Pte Ltd | Committee Members Mr Ryan Chioh, PBM FarEastFlora.com Pte Ltd | Mr Henry Tan Nexia TS Pte Ltd |
| Deputy Chairman Mr Lee Tiong Heng Deloitte LLP | Mr Birch Sio Concord Associates Pte Ltd | |

RISK REVIEW COMMITTEE

| | | |
|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Chairman Mr Saw Ken Wye CrimsonLogic Pte Ltd | Committee Members Mr Jason Kurek Allegion (Southeast Asia) Pte Ltd | Mr Darren Lee Metrohm Singapore Pte Ltd (Resigned as of 23 Dec 2020) |
| Advisor Mr George Huang, PBM, DSM Amoy Canning Corporation (S) Ltd | Mr Neo Eng Chong Makino Asia Pte Ltd | Mr Bernard Esselinckx Senoko Energy Supply Pte Ltd (Resigned as of 14 Dec 2020) |

SECRETARIAT MANAGEMENT COMMITTEE

| | | |
|-------------------------------------------------------------------|--------------------------------------------------------------------------------|--|
| Chairman Mr Ryan Chioh, PBM FarEastFlora.com Pte Ltd | Committee Members Mr Patrick Chang Paclin Office Products Pte Ltd | |
| Deputy Chairman Mr Saw Ken Wye CrimsonLogic Pte Ltd | Mr Melvin Tan Cyclelect Holdings Pte Ltd | |

GLOBAL BUSINESS GROUPS FUNCTION COMMITTEE

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|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Chairman Dr Bicky Bhangu Rolls-Royce Singapore Pte Ltd (Resigned as of 1 Jan 2021) | Americas Regional Business Group Regional Head Mr Alessandro Perrotta Interplex Holdings Pte Ltd | Committee Members Mr Low Beng Tin, PBM, BBM (L) Assimilated Technologies (S) Pte Ltd Mr Saw Ken Wye CrimsonLogic Pte Ltd |
| Advisors Mr Douglas Foo, PBM, BBM Sakae Holdings Ltd President, Singapore Manufacturing Federation | ASEAN Australasia and Oceania Regional Business Group Regional Head Ms Angeline Suparto Angeline Suparto Law Corporation | Mr Melvin Tan Cyclelect Holdings Pte Ltd |
| Mr Renny Yeo, PBM, BBM Emeritus, Singapore Manufacturing Federation | Europe Regional Business Group Regional Head Mr Neo Eng Chong Makino Asia Pte Ltd | Mr Simon Li Feoso Oil (Singapore) Pte Ltd |
| Mr Teo Eng Cheong Director of Corporate Office, Keppel Corporation Limited Vice President, Singapore Manufacturing Federation | India, Africa, Middle East and Central Asia Regional Business Group Regional Head Mr Adam Hamid Naina Mohamed & Sons Pte Ltd | Mr Willy Koh Racer Technology Pte Ltd |
| | | Enterprise Europe Network Advisor Mr Neo Eng Chong Makino Asia Pte Ltd |

HSSE FUNCTION COMMITTEE MEMBERS

| | | |
|----------------------------------------------------------------------------------------------------------|------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Chairman Mr Bernard Esselinckx Senoko Energy Supply Pte Ltd (Resigned as of 14 Dec 2020) | Mr David Chia Beckoff Automation Pte Ltd | Ms Joanna Tan Starlite Printer (Far East) Pte Ltd |
| Advisor/Immediate Past Chairman Mr Tay Jih-Hsin Swee Hin Power Systems Pte Ltd | Mr Don Quek Centre Testing International Pte Ltd | Mr Theodore Khng Theo10 Pte Ltd |
| Deputy Chairman Mr Lim Meng Wee SP Consulting (International) Pte Ltd | Ms Foo May Ling Enviro Gas Pte Ltd | Mr Cheong Chung Kin Win Sin (Pte) Ltd |
| Committee members Dr Ong Siew Hua Acumen Research Laboratories Pte Ltd | Mr Edwin Tay NeuMed Pte Ltd | Advisor Mr John Kong M Metal Pte Ltd (Resignation backdated to 1 Jan 2021) |
| | Mr Raymond Wee Sales Trade Corporation(S) Pte Ltd | |

TECHNOLOGY & TRANSFORMATION FUNCTION COMMITTEE (PREVIOUSLY KNOWN AS INFORMATION & COMMUNICATIONS TECHNOLOGY & NEW TECHNOLOGIES FUNCTION COMMITTEE)

| | | |
|----------------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------|
| Chairman Mr Vincent Wong Continental Automotive Singapore Pte Ltd | Mr David Chia Beckhoff Automation Pte Ltd | Mr Jeffery Tan YCH Group Pte Ltd |
| Deputy Chairman Mr Ng Tian Beng Dell Global B.V. (Singapore Branch) | Mr Lee Theam Wah Opex Consulting group LLP | Mr Toh Lee Chiang Singapore Telecommunications Limited |
| Committee Member Dr Anton Ravindran Global ICT Training & Certification Pte Ltd | Ms Vivian Chua HP Singapore Pte Ltd | |
| | Mr Vincent Lau Pylon City Pte Ltd | |

INNOVATION AND PRODUCTIVITY FUNCTION COMMITTEE

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|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Chairman Mr Alessandro Perrotta Interplex Holdings Pte Ltd | Mr Brandon Lee Intech APAC Pte Ltd (Resigned as of 28 Dec 2020) | Mr Low Beng Tin, PBM, BBM (L) Assimilated Technologies (S) Pte Ltd |
| Steering Committee Industry 4.0 Vincent Wong Continental Automotive Singapore Pte Ltd | Steering Committee DPMS Committee Members Mr Saw Ken Wye CrimsonLogic Pte Ltd | |
| Committee Members Mr Chua Chee Seong Infineon Technologies Asia Pacific Pte Ltd | Mr Darren Lee Metrohm Singapore Pte Ltd (Resigned as of 23 Dec 2020) | |

MEMBERSHIP & INDUSTRY GROUPS FUNCTION COMMITTEE

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|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| Chairman Mr Patrick Chang Paclin Office Products Pte Ltd | Mr Simon Li Feoso Oil (Singapore) Pte Ltd | Mr Mohan Kumar Strides Pharma Global Pte Ltd |
| Deputy Chairman Mr Adam Hamid Naina Mohamed & Sons Pte Ltd | Mr Chan Hai Kiang Flexspeed Technology Pte Ltd (Appointed from 22 Feb 2021) | Ms Joyce Seow Watson E.P. Industries Pte Ltd |
| Committee Members Mr Jason Kurek Allegion (Asia) Pte Ltd | Mr Brandon Lee Intech APAC Pte Ltd (Resigned as of 28 Dec 2020) | Mr Cheong Chung Kin Win Sin Pte Ltd |
| Mr Henry Tan, PBM Alpha-Health (Asia) Pte Ltd (Appointed from 22 Jun 2021) | Ms Margareta Laminto Johnson & Johnson Pte Ltd (Resigned from the Function Committee as of 15 Jan 2021) | Mr Birch Sio Concord Associates Pte Ltd |
| Mr David Chia Beckhoff Automation Pte Ltd (Appointed from 5 Apr 2021) | Mr James Wong O.E. Manufacturing Pte Ltd (Resigned as of 23 Dec 2020) | Ms Zhang Jia Lin Inflo Health Sciences Pte Ltd |
| Mr Kimming Yap Creativeans Pte Ltd | Ms Betty Tan, PBM Sin Cheong Containers Mfg Co. Pte Ltd | |

PUBLIC RELATIONS & CORPORATE COMMUNICATIONS FUNCTION COMMITTEE

| | | |
|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------------------------------|
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| | Committee Members Mr Birch Sio Concord Associates Pte Ltd | |

YOUTH NETWORK FUNCTION COMMITTEE

| | | |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Chairman Ms May Ng ARQon Pte Ltd | Member Programme Subcommittee Chairperson Mr Richard Ng Transicom Engineering Pte Ltd | Ms Verleen Goh Alchemy FoodTech Pte Ltd |
| Deputy Chairman Mr Eugene Tan Wanin Industries Pte Ltd | Mentorship Subcommittee Chairperson Mr Bryan Sio Concord Associates Pte Ltd | Ms Claire Ariela Shen Cooking Art Industries Pte Ltd |
| Entrepreneurship Subcommittee Chairperson Mr John Cheng Cheng Yew Heng Candy Factory Pte Ltd. | Committee Member Mr Alan Phua Alchemy FoodTech Pte Ltd | Ms Annabelle Chang Paclin Office Products Pte Ltd (Joined since Jun 2020) |
| | | Mr Theodore Khng Theo10 Pte Ltd |



SINGAPORE MANUFACTURING FEDERATION

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