

Partnership | Sustainability | Transformation  
Annual Report 2012 / 2013

**Singapore Manufacturing Federation (SMF)**  
Championing Manufacturing – Partner in Nation Building

Singapore Manufacturing Federation (SMF), established since 1932, is a national body and industry association that works together with relevant partners to champion the interests and growth of our members and manufacturing community in Singapore; enhancing their competitiveness through capacity & capability development, innovation-led productivity growth, standards adoption & implementation, overseas expansion, and provides assistance and opportunities for companies to collaborate, network and expand locally and internationally; allowing members to enhance their competitiveness in the global arena.

SMF is led by a Council that comprises industry leaders from the manufacturing sector for an elected two-year term. Current membership stands at more than 3,000 corporate members ranging from MNCs to SMEs. SMF carries out a myriad of activities to enhance the competitive edge of its members. Leveraging on its extensive network of contacts, industry knowledge and Centres of Excellence, SMF is well-placed to represent its members objectively and to facilitate tripartite communications between the Government, foreign delegates, as well as the local manufacturing community.

SMF’s services include business matching events; trade missions and exhibitions; networking sessions; forums, conferences, seminars and workshops; dialogues with government agencies; standards development; Certificate of Origin; and capacity and capability building through education and training.

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Championing  
Manufacturing  
— Partner in Nation Building





## President's Message

### Dear Fellow Members,

2012 has been a challenging year, with key financial events taking place in the United States, Europe, China, and the growth of Asian economies on a decline. Budget 2013 has resulted in tightening measures of foreign manpower as well as the introduction of a series of business schemes and subsidies to promote innovation and productivity.

The Singapore economy is going through restructuring to transit to a more sustainable model of productivity growth. At the sectoral level, the manufacturing industry must continue to move up into higher value-added activities, as manufacturing activities have evolved in complexity and are becoming more knowledge and innovation-intensive.

With the current global economic situation, companies need to proactively move and adapt to external changes. Championing the manufacturing sector in Singapore, Singapore Manufacturing Federation (SMF) also needs to respond quickly to these changes so as to best serve the needs of the industry, economy, community and the nation.

### Transformation

The manufacturing landscape is changing beyond the traditional production to high-value manufacturing, including “servitisation” of manufacturing. In order to also encompass SMF’s services to companies providing services to manufacturers, the former Singapore Manufacturers’ Federation (SMA) changed its name to Singapore Manufacturing Federation (SMF) on 29 September 2012. The SMF logo was also unveiled by Guest-of-Honour Prime Minister Lee Hsien Loong at SMF’s 80th Anniversary Gala Dinner.

The launch of the Capacity and Capability Development Programme (CCDP) by SMF gives a holistic and comprehensive solution to companies. CCDP aims to create value in the supply chain of the manufacturing community, drive competitiveness and sustain growth by addressing the specific needs of the industry. Through the adoption of a systematic approach to business transformation, CCDP will help enterprises remain viable and competitive.

At SMF, we champion “innovation-led productivity growth”. Through the Singapore Innovation and Productivity Institute (SiPi), one of our 6 Centres of Excellence, we provide businesses with productivity resources, customised roadmapping and coaching support to help them implement their specific productivity programmes. SiPi has helped companies attain manufacturing excellence through providing a one-stop solution to analyse and enhance business productivity.

Increasing productivity will enhance business competitiveness and improve productivity growth. SME Centre@SMF helps business grow and enhance their operations through advisory services on productivity and government schemes.

### Sustainability

Sustainability in the manufacturing sector requires continuous improvement and transformation to stay relevant. SMF provides holistic solutions and services to our stakeholders.

With the Government’s re-employment legislation encouraging the re-employment of older workers beyond the age of 62, the SMF Centre for Corporate Learning (CCL) has the Silver Productivity programme in place. This is the first training programme of its kind, raising productivity for companies while enhancing the well-being of the older workers.

Through the Internship Programme, students enrolled at SMF Institute of Higher Learning (IHL) are given the opportunity to gain in-depth knowledge of the inner workings of an organisation and receive employment accreditation at the end of internship. The Maven series enable students to engage and learn from experts in the corporate world.

SMF Standards Development Organisation (SMF-SDO) has also seen 96 Standards launches, developments and reviews over the last two years, and a 200% increase in volunteers to 526 volunteers. Through implementing standards, it will ensure the high quality of Singapore products and services.

### Partnership

To enhance the competitiveness of companies through exploring new markets and business opportunities, the SMF Global Business Groups (GBG) launched the Business Expansion Programme to assist companies interested in Iskandar Malaysia and Riau Indonesia to provide information and to facilitate companies to access networks in the two countries.

SMF organised a series of talks and dialogue sessions with ministers and government agencies, engaging our members and allowing them to have a better understanding of the government schemes and views. Furthermore, our Centres of Excellence such as GS1 and SME Centre@SMF, as well as our Function Committees such as Membership & Industry Groups and Global Business Groups have been very active in helping our members to improve their business and explore new business opportunities overseas.

We are committed to creating and adding value to our members and the industry. 2013 will see more initiatives from SMF. To tackle the tight foreign labour measures, SMF will partner with SPRING Singapore to offer SMEs the SME Talent Programme (STP), where participating SMEs will receive assistance to attract local talents from the polytechnics and Institute of Technical Education.

Two Satellite Centres managed by SMF will also be launched at South West Community Development Council (CDC) and North West CDC. This will act as an extension of the SME Centre@SMF, which will expand our outreach to assist and advise more businesses in the South West and North West regions of Singapore.

I would like to thank you – members, partners and friends - for your membership and support through the past 12 months. I look forward to your continued support as SMF undertakes its mission as a national institution to champion the manufacturing sector in Singapore. Wishing all of you every success and happiness.

Yours Sincerely,

George Huang  
President, PBM, DSM

# Executive Committee



## 1) Mr George Huang, PBM, DSM

President,  
Singapore Manufacturing  
Federation (SMF)  
Chairman, SMF Enterprises Pte Ltd  
Chairman, SMF Education &  
Training Fund Trustees  
Chairman, SMF Capacity &  
Capability Development Function  
Committee  
Chairman, SMF Centre for  
Corporate Learning Pte Ltd  
(Jun 2010 - Nov 2012)  
Chairman, Board of Directors,  
GS1 Singapore Ltd  
(Jun 2010 - Nov 2012)  
Chairman, SMF Institute of Higher  
Learning Pte Ltd  
(Jun 2010 - Nov 2012)  
Chairman, Board of Directors,  
Singapore Innovation &  
Productivity Institute Pte Ltd  
(Jun 2010 - Nov 2012)  
Chairman, Steering Committee,  
SMF Standards Development  
Organisation  
(Apr 2011 - Nov 2012)

## 2) Mr Douglas Foo, PBM

Deputy President,  
Singapore Manufacturing  
Federation (SMF)\*  
(w.e.f. 1 Apr 2013)  
Chairman, Singapore  
Innovation & Productivity  
Institute Pte Ltd  
Director, SMF Enterprises  
Pte Ltd  
Director, SMF Centre for  
Corporate Learning Pte Ltd  
Director, SMF Institute of  
Higher Learning Pte Ltd  
Director, GS1 Singapore Ltd  
Trustee, SMF Education &  
Training Fund Trustees

## 3) Dr Moh Chong Tau, PBM

Honorary Secretary,  
Singapore Manufacturing  
Federation (SMF)  
Chairman, SMF Institute of Higher  
Learning Pte Ltd  
Chairman, SMF Secretariat  
Management Committee  
Board of International Advisors  
Function Committee  
Director, SME Centre@SMF

## 4) Mr Philip Lee

Honorary Treasurer,  
Singapore Manufacturing  
Federation (SMF)  
Chairman, SMF Finance  
Management Committee  
Director, SMF Enterprises Pte Ltd  
Director, SMF Institute of Higher  
Learning Pte Ltd  
Director, SMF Centre for Corporate  
Learning Pte Ltd  
Director, SME Centre@SMF  
Trustee, SMF Education & Training  
Fund Trustees

## 5) Dr Ahmad Magad, JP

Vice President,  
Singapore Manufacturing  
Federation (SMF)  
Chairman, SMF Ethics &  
Corporate Governance  
Function Committee  
Chairman, SMF Americas  
Regional Business Group

## 6) Mr Simon Li

Vice President,  
Singapore Manufacturing  
Federation (SMF)  
Chairman, SMF Global Business  
Groups Function Committee  
Chairman, SMF China and North  
East Asia Regional Business Group  
Honorary Chairman, Energy &  
Chemicals Industry Group

## 7) Mr Low Beng Tin, BBM

Vice President,  
Singapore Manufacturing  
Federation (SMF)  
Chairman, SMF ASEAN,  
Australasia and Oceania  
Regional Business Group  
Chairman, SMF Centre for  
Corporate Learning Pte Ltd  
Chairman, SMF Global Pte Ltd  
Trustee, SMF Education &  
Training Fund Trustees

## 8) Mr Renny Yeo, PBM

Honorary President,  
Singapore Manufacturing  
Federation (SMF)

## 9) Mr Sunny Koh, PBM

Chairman,  
Singapore Manufacturing  
Federation (SMF)  
Membership & Industry Groups  
Function Committee  
Chairman, User Group,  
GS1 Singapore Ltd  
Honorary Chairman, Food &  
Beverage Industry Group

## 10) Mr Birch Sio

Chairman,  
Singapore Manufacturing  
Federation (SMF)  
Health, Safety, Security  
& Environment Function  
Committee

## 11) Mr Valerio Nannini

Chairman,  
Singapore Manufacturing  
Federation (SMF)  
Innovation & Productivity  
Function Committee  
Chairman, Board of Advisors &  
Director, Singapore Innovation &  
Productivity Institute Pte Ltd

## 12) Mr Saw Ken Wye

Chairman,  
Singapore Manufacturing  
Federation (SMF)  
Information & Communications  
Technology (ICT) & New  
Technologies Function  
Committee

## 13) Mr Ryan Chioh

Chairman,  
Singapore Manufacturing  
Federation (SMF)  
Public Relations & Corporate  
Communications Function  
Committee

\* **Mr Michael Chin**, Deputy President, Singapore Manufacturing Federation (SMF)  
(From Oct 2012 - Mar 2013)

Information as of 31 May 2013

# Council Members



**Mr Billy Wong**  
Chairman, Automation  
Technology Industry Group  
Managing Director  
Metrohm Singapore Pte Ltd



**Mr Rowan Tan**  
Chairman, Building  
Products & Construction  
Materials Industry Group  
Regional Director – Far East  
DORMA Far East Pte Ltd



**Mr Tay Jih-Hsin**  
Chairman, Electrical, Electronics & Allied Industries  
Industry Group  
Chairman, SMF Centre@SMF  
Chairman, SMF Standards Development Organisation  
Director, Singapore Innovation & Productivity Institute Pte Ltd  
Managing Director  
Swee Hin Power Systems Pte Ltd



**Mr Samson Wong**  
General Manager  
Asia Pacific Breweries (S)  
Pte Ltd  
(w.e.f. May 2013)



**Mr Alban Kang**  
Managing Partner  
ATMD Bird & Bird LLP



**Mr Tsang Kwan Lung**  
Honorary Chairman, Electrical,  
Electronics and Allied Industries  
Industry Group  
Director & General Manager  
GP Batteries International Limited



**Mr Brendan Wauters**  
Chairman, Energy &  
Chemicals Industry Group  
Chairman, SMF Europe  
Regional Business Group  
President & CEO  
Senoko Energy Pte Ltd



**Mr Rodney Lee**  
Chairman, Fire Protection,  
Safety and Security  
Industry Group  
Managing Director  
Tacam Steel Pte Ltd



**Mr Cheong Chung Kin**  
Chairman, Food & Beverage  
Industry Group  
CEO  
Win Sin (Pte) Ltd



**Mr George Wong, PBM**  
Managing Director & Principal  
Consultant  
Hoclink Systems & Services  
Pte Ltd



**Mr Adam Hamid**  
Managing Director  
Naina Mohamed & Sons Pte Ltd



**Mr Patrick Chang**  
Chairman, GSI Singapore Ltd  
Managing Director  
Paclin Office Products Pte Ltd



**Ms Zhang Jia Lin**  
Chairman, Lifestyle  
Industry Group  
Director  
Inflo Health Sciences  
Pte Ltd



**Mr Alok Mishra**  
Chairman, SMF India, Africa,  
Middle East and Central Asia  
Regional Business Group  
Chairman, MedTech & Life  
Sciences Industry Group  
Vice President  
Strategic Business Systems  
Johnson & Johnson Pte Ltd



**Mr John Kong**  
Chairman, Metal,  
Machinery & Engineering  
Industry Group  
Managing Director  
M Metal Pte Ltd



**Ms Annabelle Tan**  
Chairman, Packaging  
Council of Singapore  
Industry Group  
Managing Director  
Brite Konzept Pte Ltd



**Mr Tan Boon Chong**  
General Manager / Standards  
and Certification Manager  
Schneider Electric Singapore  
Pte Ltd



**Mr Lim Meng Wee**  
Managing Director  
SP Consulting (International)  
Pte Ltd



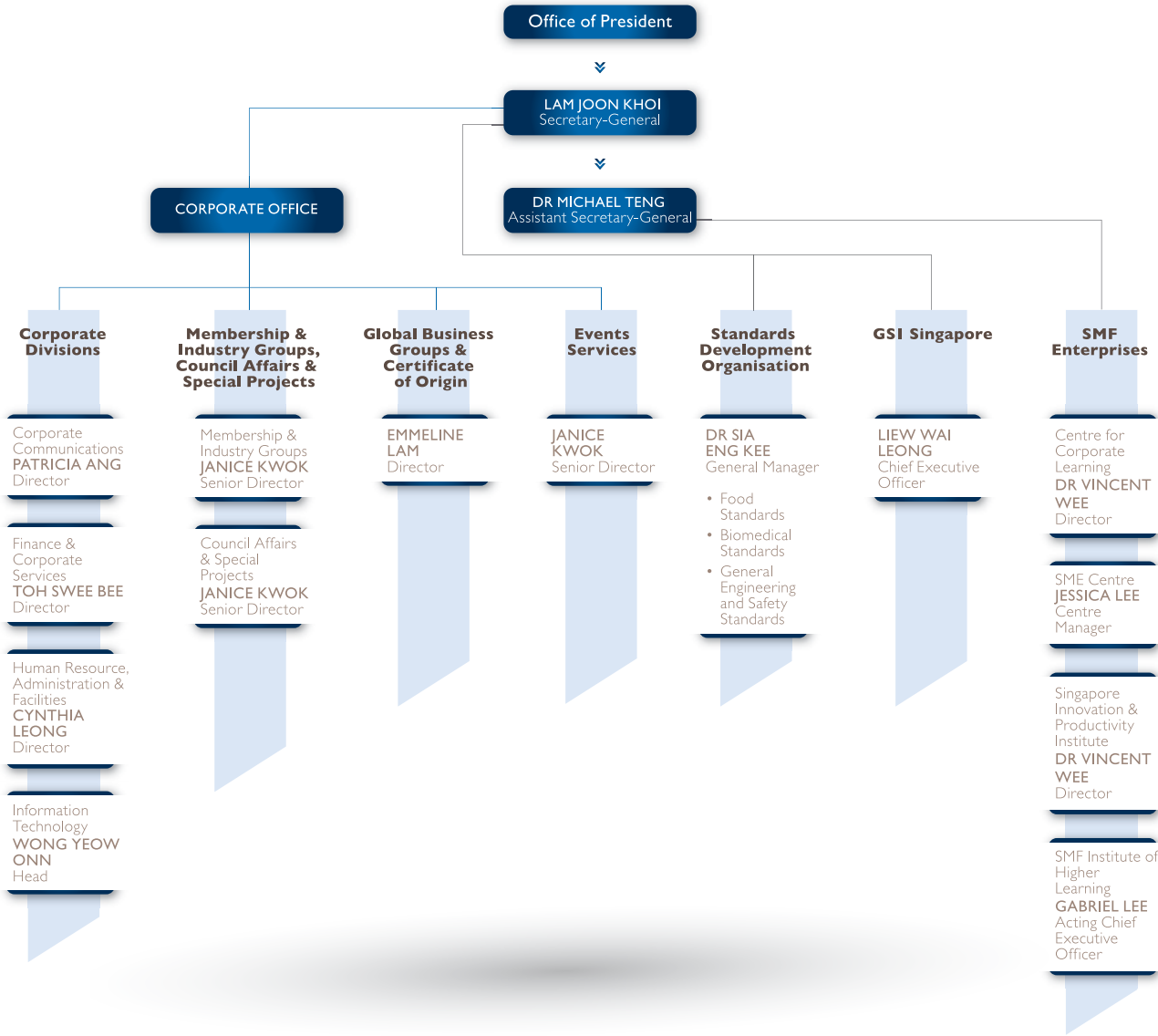
**Mr Wong Weng Thong**  
General Manager,  
Business Partner  
Management  
Enterprise Business Group  
StarHub Limited



SMF  
Corporate  
Structure  
2012 - 2013



SMF Secretariat Organisation Structure 2013



# Capacity & Capability Development

Strengthening Your Organisation and Value Chain

The Capacity and Capability Development Programme (CCDP) developed by SMF creates value to the manufacturing community to drive its competitiveness and sustainable growth through serving industry-specific needs. Leveraging on the strength of SMF’s Industry Groups and Centres of Excellence, the CCDP identifies problems and proposes solutions, offering a holistic approach towards collaboration to improve productivity, competitiveness, skills upgrading and capitalising on new technologies for MNCs and SMEs. CCDP’s integrated solutions include Human Capital Development, Customer Service Experience, Product Development, Technology Development, Awareness & Outreach and Supply Chain Development.

**Chairman**  
**Mr George Huang, PBM, DSM**  
Amoy Canning Corporation (S) Ltd

**Committee Members**  
**Mr Douglas Foo, PBM**  
Sakae Holdings Ltd

**Dr Moh Chong Tau, PBM**  
Makino Asia Pte Ltd

**Mr Philip Lee**  
KPMG LLP

**Mr Low Beng Tin, BBM**  
Oakwell Engineering Limited

**Mr Valerio Nannini**  
Nestlé Singapore (Pte) Ltd

**Mr Tay Jih-Hsin**  
Swee Hin Power Systems Pte Ltd

**Mr Patrick Chang**  
Paclin Office Products Pte Ltd

**Mr Lam Joon Khoi**  
Singapore Manufacturing Federation (SMF)

**Dr Michael Teng**  
Singapore Manufacturing Federation (SMF)

## Highlights

### The 4 Phases of the Capacity & Capability Development Programme (CCDP)

In Phase 1, CCDP identifies current gaps within the market and provides Capacity & Capability Diagnosis to large companies as well as SMEs and their value-chain partners. This diagnosis covers Productivity Processes, Productivity Improvement, Productivity Benchmarking, Business Model Innovation, Human Resource Development and Organisational Cultural Alignment.

Following the diagnosis, CCDP recommends Formal & Informal Executive Learning Programmes in Phase 2. This includes Workforce Skills Qualifications (WSQ) training programmes funded by the government for Executive and Academic Education.

In Phase 3, CCDP enables organisations to achieve Consultancy, Coaching Workshops & Solutions. This is carried out through an In-depth Productivity Consultancy, Human Resource Consultancy, Supply Chain Solutions, Certified Productivity & Innovation Manager (CPIM) Programme, the Quality Initiatives to Assist, Nurture, Grow (QIANG) Programme and Roadmap to Accelerate and Manage Productivity (RAMP). For other consultancy requirements such as branding, financial analysis and business excellence, the SME Centre@SMF provides these services.

Once the three phases have been implemented, in Phase 4, CCDP promotes the set-up of in-house Capacity and Capability Development centres which may include the centre for Virtual Learning, training, competency and knowledge or academic as well as a WSQ Approved Training Organisation (ATO). CCDP allows for customisation of curriculum to suit the needs of individual companies and the training of customers, staff and suppliers. Such centres can help to boost the branding of the organisation.

# Global Business Groups

The Global Business Groups (GBG) play an important role in helping the Federation’s members to promote and expand their business in Singapore and globally. GBG proactively identify business opportunities for companies and create networking platforms and initiatives to assist companies to tap on market opportunities worldwide. GBG also assist members in enhancing their international competitiveness and branding by organising country conferences, regional seminars, workshops and other industry-specific educational and outreach programmes to train and upgrade the capabilities of members. From January 2012 to March 2013, GBG organised 45 Singapore Pavilions in leading trade exhibitions both locally and overseas, received over 50 incoming business visitors and delegations for networking and business matching, as well as organised several business delegations to various countries.

Office Bearers of GBG Function Committee (1 October 2012 to 30 September 2014)

Global Business Groups Function Committee

Chairman  
Mr Simon Li  
Feoso Oil (Singapore) Pte Ltd

Deputy Chairman  
Mr Sunny Koh, PBM  
Chinatown Food Corporation Pte Ltd

China and North East Asia Regional Business Group

Chairman  
Mr Simon Li  
Feoso Oil (Singapore) Pte Ltd

Deputy Chairman  
Mr Jeffrey Wang  
Tritech Ltd

Americas Regional Business Group

Chairman  
Dr Ahmad Magad, JP  
II-VI Singapore Pte Ltd

Deputy Chairman  
Mr Saw Ken Wye  
Microsoft Operations Pte Ltd

India, Africa, Middle East and Central Asia Regional Business Group

Chairman  
Mr Alok Mishra  
Johnson & Johnson Pte Ltd

Deputy Chairman  
Mr Adam Hamid  
Naina Mohamed and Sons Pte Ltd

ASEAN, Australasia and Oceania Regional Business Group

Chairman  
Mr Low Beng Tin, BBM  
Oakwell Engineering Ltd

Deputy Chairman  
Ms Angeline Suparto  
Angeline Suparto Solicitors

Europe Regional Business Group

Chairman  
Mr Brendan Wauters  
Senoko Energy Supply Pte Ltd

Deputy Chairman  
Mr Lim Say Leong  
ABB Pte Ltd



**Americas Regional Business Group (RBG)**  
Under the chairmanship of Dr Ahmad Magad, Vice President of SMF, the Americas RBG received several VIP dignitaries. The Americas RBG organised several country seminars on Peru, Mexico, Ecuador and the USA.

**ASEAN, Australasia and Oceania Regional Business Group (RBG)**  
Under the chairmanship of SMF Vice President, Mr Low Beng Tin, the RBG was very active in organising numerous business delegations to visit Thailand, Vietnam, Indonesia, Malaysia Iskandar, Timor-Leste and Myanmar.

**China and North East Asia Regional Business Group (RBG)**  
Under the chairmanship of Mr Simon Li, Vice President of SMF, the China and North East Asia RBG assisted members in tapping on business opportunities in China, Hong Kong, Taiwan, Japan, Korea and North East Asia. Several strategic events were organised by the China RBG including business missions, trade exhibitions and seminars.

**Europe Regional Business Group (RBG)**  
The Europe RBG assisted members to look for partnerships and collaborations with companies in Germany, the United Kingdom and other countries in the EU for business in both the EU region and in the ASEAN as well as China regions.

**India, Africa, Middle East and Central Asia Regional Business Group (IAMECA - RBG)**  
The IAMECA was active in assisting companies to tap on the business opportunities in the countries under its coverage. Several talks, briefings, seminars and business matching sessions were organised. The RBG also organised meetings between SMF President Mr George Huang and various Ambassadors / VIP dignitaries.

**Business Expansion Program**  
With effect from 1 January 2013, GBG launched a Business Expansion Programme to assist companies to expand business to Iskandar Malaysia and the Riau Indonesia.



# Health, Safety, Security and Environment

The Health, Safety, Security and Environment (HSSE) Function Committee facilitates manufacturers' adoption of sustainable production strategies and HSSE systems, promotes and encourages HSSE capacity & capability development by organising seminars, training and workshops in conjunction with relevant agencies, NGOs, associations and industry experts.

The Committee also organises dialogue sessions with relevant government agencies to provide feedback on the impact of HSSE legislations and policies on the various industries. It informs and educates manufacturers on upcoming local and international HSSE standards and agreements that could impact their businesses.

- Chairman**  
**Mr Birch Sio**  
Concord Associates Pte Ltd  
Chairman of Health  
Promotion Sub-committee
- Deputy Chairman**  
**Mr Lim Meng Wee**  
SP Consulting (International)  
Pte Ltd  
Chairman of Security  
Sub-committee
- Environment Sub-  
Committee Chairman**  
**Mr Ryan Chioh**  
FarEastFlora.com Pte Ltd
- Safety Sub-Committee  
Chairman**  
**Mr Rodney Lee**  
Tacam Steel Pte Ltd
- Committee Members**  
**Mr Billy Wong**  
Metrohm Singapore Pte Ltd
- Ms Zhang Jia Lin**  
Inflo Health Sciences Pte Ltd

- Ms Jacqueline Monterio**  
Bausch & Lomb Singapore Pte Ltd
- Mr Joe Chan**  
Cleifton Precision Engineering Pte Ltd
- Ms Betty Tan**  
Sin Cheong Containers Pte Ltd
- Mr Jeffrey Lee**  
Nidec Sankyo Singapore Pte Ltd
- Ms Xen Lim**  
Thong Siek Food Industry Pte Ltd
- Mr Hendrie Lee**  
SSB Cryogenic Equipment Pte Ltd
- Mr Rowan Tan**  
DORMA Far East Pte Ltd
- Mr Richard Chee**  
Richee Engineering Enterprise Pte Ltd
- Mr James Lee**  
Asia Pacific Breweries (Singapore) Pte Ltd

- Invited Members**  
**Mr Teng Chong Seng**  
Pfizer Asia Pacific Pte Ltd
- Mr Damon Yong**  
Singapore Environment Council
- Mr William See**  
Temasek Polytechnic
- Ms Eunice Yong**  
Health Promotion Board
- Supt Raymond Chong**  
Singapore Police Force
- LTC Bob Tan**  
Singapore Civil Defence Force
- Mr Thomas Thomas**  
Singapore Compact for CSR
- Mr Thomas Fernandez**  
Pest Busters Pte Ltd
- Mr Adam Hamid**  
Naina Mohamed & Sons Pte Ltd
- Ms Vaneeta Bhojwani**  
National Environment Agency
- Mr Koh Min Ee**  
National Environment Agency



## Highlights

### Singapore Manufacturing Federation (SMF) and Health Promotion Board (HPB) Workplace Wellness Programme Memorandum of Understanding (MOU)

A Memorandum of Understanding (MOU) was signed at Singapore HEALTH Award 2012 by SMF representatives Mr Michael Chin, Deputy President, SMF, and Mr Birch Sio, Chairman, HSSE Function Committee, with Mr Ang Hak Seng, CEO, HPB, on 30 November 2012. A following addendum to the MOU was signed on 8 February 2013 by Mr Lam Joon Khoi, Secretary-General, SMF, and Dr Annie Ling, Director of Adult Health Division, HPB. The Workplace Wellness Programme will see HPB working with SMF on a pilot model of mental wellness investment. Small groups of companies comprising mostly SMEs will collaborate to share consultancy services and wellness programmes from approved health consultants.

### Workplace Safety and Health (WSH) Awards Convention for Manufacturing 2012

The WSH Awards Convention for Manufacturing 2012 was held at SPRING Auditorium on 30 May 2012 with more than 100 participants attending the event. A pool of safety innovation projects were received from the various manufacturing industries. 9 winning teams were chosen to present their projects to the panel of judges from SMF, Workplace Safety and Health Council (WSHC) and Ministry of Manpower (MOM) to compete for the “Gold”, “Silver” and “Bronze” awards. The event was sponsored by Nexus Quest.

The 3 “Gold” Award winning teams received their “Gold” awards at the National WSH Awards Convention, organised by Workplace Safety and Health Council, on 17 July 2012.

### Bukit Batok Nature Walk

The Bukit Batok Nature Walk was organised to promote health and well-being amongst management and staff from manufacturing companies and related groups. On 16 June 2012, more than 80 participants from various companies such as Makino Asia, Symrise, Interplex and Seacare, and their family members participated in the 2-hour morning walk through the nature reserve. The wellness event was supported by HPB.

# Information & Communications Technology & New Technologies

The role of the Information & Communications Technology (ICT) & New Technologies Function Committee is to provide guidance to SMF's Information Technology (IT) Division, support SMF members to understand the latest IT developments and to adopt infocomm technologies. This will enable the manufacturing community to enhance their competitiveness, increase their productivity and be actively engaged with the various government initiatives and IT adoption schemes.

The committee will actively seek to engage both private and public organisations through IT-related seminars, programmes and activities to educate and update SMF members on the latest developments.

Mr Saw Ken Wye, Vice President, Public Sector (Asia) of Microsoft Operations Pte Ltd, succeeded Mr Lim Meng Wee, Managing Director of SP Consulting (International) Pte Ltd, as Chairman for the new term.

**Chairman**  
**Mr Saw Ken Wye**  
Microsoft Operations Pte Ltd

**Deputy Chairman**  
**Mr Ryan Chioh**  
FarEastFlora.com Pte Ltd

**Committee Members**  
**Mr Wong Weng Thong**  
StarHub Limited

**Dr Anton Ravindran**  
Rapidstart Pte Ltd

**Mr Andrew Khaw**  
IDA Singapore

**Ms Siew Yim Cheng**  
JTC Corporation

**Mr Tan Choon Ngee**  
aZaaS Pte Ltd

**Mr Yun Ta Ming**  
ChassAsia Pte Ltd



## Highlights

**Merging Federation and SMF Institute of Higher Learning (IHL) network segments in the new premise**

The networks segments of both the Federation and SMF IHL were successfully merged. This allows for maximised use of existing infrastructure, balances out capacity and enables better sharing of IT resources. In February 2013, 41 ageing desktop computers in the SMF IHL computer lab were successfully replaced with All-In-One (AIO) personal computers.

**Implementation of Student Management System for IHL**

The School Management System enables IHL to maintain a master list of students. This includes enrolment details, payment schedules and payment status, examination result and graduation status. It is also capable of generating payment advice to students, as well as printing tax invoices and official receipts.

# Membership & Industry Groups

The Membership & Industry Groups Function Committee aims to engage members both sectorially via the 10 industry groups (IGs) and across all IGs through relevant activities like seminars and dialogue sessions. It is through such activities that the committee enhances engagement between members and external parties such as government agencies, other associations and business counterparts. With constant engagement outreach, the committee hopes to provide members with a platform to network and meet fellow industry peers.

**Chairman**  
**Mr Sunny Koh, PBM**  
Chinatown Food Corporation Pte Ltd

**Deputy Chairman**  
**Ms Zhang Jia Lin**  
Inflo Health Sciences Pte Ltd

**Committee Members**  
**Mr Billy Wong**  
Metrohm Singapore Pte Ltd

**Mr Rowan Tan**  
Dorma Far East Pte Ltd

**Mr Brendan Wauters**  
Senoko Energy Supply Pte Ltd

**Mr Tay Jih-Hsin**  
Swee Hin Power Systems Pte Ltd

**Mr Rodney Lee**  
Tacam Steel Pte Ltd

**Mr Cheong Chung Kin**  
Win Sin (Pte) Ltd

**Mr Alok Mishra**  
Johnson & Johnson Pte Ltd

**Mr John Kong**  
M Metal Pte Ltd

**Ms Annabelle Tan**  
Brite Concept Pte Ltd

## Highlights

### Dialogue session with MTI Minister Lim Hng Kiang

On 4 May 2013, Singapore Manufacturing Federation hosted a closed door dialogue with Mr Lim Hng Kiang, Minister of Trade and Industry (MTI). Participants had the opportunity to share industry issues affecting manufacturers' current operations and implications following the latest budget announcements.

Some of the issues raised included the high costs of the foreign workers' levy, shortage of manpower and the effectiveness of adopting Singapore Standards. Minister Lim Hng Kiang shared more about the macroeconomic situation in Singapore, industry-related statistics, relevant success stories and explained the rationale of various policies in place. Participants found the exchange insightful.

### SMF Gala Dinner 2012

SMF officially adopted the name Singapore Manufacturing Federation (SMF) at its 80th Anniversary Gala Dinner, held on 29 September 2012 at Marina Bay Sands. The Guest-of-Honour for the event was Prime Minister Lee Hsien Loong.



At the event, Prime Minister Lee participated in the cake cutting ceremony and launched the SMF Commemorative Book, which showcased the journey of SMF throughout the eight decades. Prime Minister Lee also presented awards to six longest serving members of SMF.

To commemorate the event, Mr George Huang presented a Tampines Central Community Scholarship to two students to pursue a three-year Murdoch University undergraduate degree course offered by SMF Institute of Higher Learning (IHL).

The event was attended by 1500 guests, including ambassadors and SMF members consisting of MNCs, SMEs, key business leaders, overseas and local trade association leaders.



# Automation Technology Industry Group

The Automation Technology Industry Group (ATIG) is a cluster of member companies made up of 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 & vision cameras, bar codes & radio-frequency identification (RFID) and motion control design, testing and implementation.

**Chairman**  
**Mr Billy Wong**  
Metrohm Singapore Pte Ltd

**Deputy Chairman**  
**Mr Goh Eng Kwee**  
Closed-Loop Technology Pte Ltd

**Vice-Chairman**  
**(Networking & Events)**  
**Mr David Soon**  
Advantech Co. Singapore Pte Ltd

**Committee Members**  
**Mr Liang Chong Kang**  
E.mation Technologies Pte Ltd

**Mr Chris Chan**  
Ultra Industrial Automation Pte Ltd

**Ms Khng Hwee Peng**  
PSB Technologies Pte Ltd

**Mr Roy Guo**  
Xceltron Technologies Pte Ltd

## Highlights

### SMF Industry Groups' Networking Night 2012

On 22 March 2012, ATIG organised a joint networking event with SMF members at the Tiger Tavern at Asia Pacific Breweries. Members had an enjoyable time getting to know each other and establishing new business contacts over free flow of beer and sumptuous food.

There was also an informative session for members. Highlights of the networking event included special guest from Mediacorp, Ms Apple Hong, gracing the financial seminar over dinner, and ChartNexus Corporate Trainer, Mr Gerald Yeo, presenting on "How to Buy at the Low with 3 Advanced Methods". Event attendees had a good time learning new methodologies on how they could advance their investments.



# Building Products & Construction Materials Industry Group

The Building Products & Construction Materials Industry Group (BPCM IG) organises activities to promote and share best industry practices among its members. It serves as a platform for the dissemination of government legislation and policies concerning the building and construction industry. The committee meets regularly to discuss industry developments and issues faced by members. It also plans feedback and dialogue sessions for the members to communicate their issues directly with the relevant government agencies.

**Chairman**  
**Mr Rowan Tan**  
DORMA Far East Pte Ltd

**Deputy Chairmen**  
**Mr Richard Chee**  
Richee Engineering  
Enterprise Pte Ltd

**Mr Alan Lee**  
South East Metal  
Industries Pte Ltd

**Committee Members**  
**Mr Liau Beng Chye**  
Armorshield Holdings Pte Ltd

**Mr Birch Sio**  
Concord Associates Pte Ltd

**Mr Robert Chen**  
Crown Alliance Industries Pte Ltd

**Mr Davis Ong**  
Rockwool Building Materials  
(Singapore) Pte Ltd

**Mr Lim Meng Wee**  
SP Consulting  
(International) Pte Ltd

**Ms Helen Ang**  
STO SEA Pte Ltd

**Mr Tony Wong**  
Tiki International  
Enterprises Pte Ltd

## Highlights

### Dialogue Session with Ministry of Manpower (MOM)

On 5 September 2012, a dialogue session with MOM Occupational Safety & Health was conducted for members to give feedback to specific industry concerns on scaffolding to the agency. SMF BPCM IG representatives took the opportunity to share constructive feedback with the aim of improving public safety in the local scaffolding industry. This sharing session was a follow-up from the dialogue session with Building & Construction Authority (BCA) and Singapore Civil Defence Force (SCDF) on 27 July 2012.



### Investment Opportunities in Pakistan Seminar

On 21 June 2012, over 30 members and distinguished guests were invited to the Residence of the Pakistan High Commissioner for a networking session cum seminar on investment opportunities in Pakistan. The event was co-organised by BPCM IG and Armorshield Marketing (S) Pte Ltd, and hosted by His Excellency High Commissioner Syed Hasan Javed, Governor of Pakistan.

The prime objective of this seminar was to highlight the immense potential of the Building and Construction Industry in Pakistan as well as offer a unique platform to identify and utilise existing investment opportunities. The seminar provided a good platform to discuss key challenges and topics such as the growth and development of the Building and Construction industry.

# Electrical, Electronics & Allied Industries Industry Group

As one of the largest industry groups in SMF, the Electrical, Electronics and Allied Industries Industry Group (EEAI IG) acts as a platform for members to voice their concerns on issues that may impact their businesses and to address such concerns on behalf of members. It also presents technical standards relating to electrical, electronics and related products and services to members.

In view of the many varied interests of its members, EEAI IG is further divided into three functional groups, namely, Technical and Standards, Networking and Government Dialogue.

- Chairman**  
**Mr Tay Jih-Hsin**  
Swee Hin Power Systems Pte Ltd
- Honorary Chairman**  
**Mr Tsang Kwan Lung**  
GP Batteries International Ltd
- Deputy Chairman**  
**Mr Jeffrey Lee**  
Nidec Sankyo Singapore Pte Ltd
- Vice-Chairman**  
**Dr Anton Ravindran**  
Rapidstart Pte Ltd
- Functional Group Chairmen**  
**Mr Lim Say Leong**  
ABB Pte Ltd
- Dr Jeremy Chia**  
Utopia-Aire Pte Ltd
- Ms Nancy Seow**  
Watson E P Industries Pte Ltd

- Functional Group**  
**Deputy Chairman**  
**Mr Tan Boon Chong**  
Schneider Electric Singapore Pte Ltd
- Committee Members**  
**Mr Patrick Lim**  
ASM Technology (Singapore) Pte Ltd
- Mr Don Quek**  
Centre Testing International Pte Ltd
- Mr Bernard Teo**  
China-Singapore Suzhou Industrial Park Development Group Co Ltd
- Mr Winston Wong**  
Chloride Batteries S. E. Asia Pte Ltd

- Mr Seah Hwee Kia**  
DBS Bank Ltd
- Mr Thomas Ng**  
NKH Fluid Engineering Pte Ltd
- Mr Wong Hsun-Min**  
RHB Bank Berhad
- Mr Sze Tham Siong**  
SETSCO Services Pte Ltd
- Mr Samuel Ng**  
Singapore Communications (Wavex) Pte Ltd
- Mr Tay Choon Mong**  
Tay Choon Mong Agency
- Mr Than Soe**  
TÜV Rheinland Singapore Pte Ltd
- Mr Makoto Kurawaki**  
Yamari Singapore Pte Ltd\*

## Highlights

### Enhancing Productivity & Business Growth Through Quality Management Systems

On 9 March 2012, 45 participants including SMF members and invited SPRING Singapore Standards Partners benefited from the Quality Management Systems (QMS) seminar “Enhancing Productivity & Business Growth Through Quality Management Systems”. The seminar was co-hosted by SPRING Singapore and SMF Electrical, Electronics & Allied Industries Industry Group (EEAI IG)’s Industrial Electrical and Electronics Products (IEEP) Sub-Group.



Through this seminar, participants learnt how they can implement a certified QMS system to improve productivity and stay competitive in the demanding marketplace.

### Increasing Productivity for SMEs through Cloud Technologies

The Cloud Technologies seminar was co-organised by SMF Electrical, Electronics & Allied Industries Industry Group (EEAI IG) and Microsoft Singapore on 9 November 2012.

It was a fruitful experience for 60 participants, including SMF members and invited Microsoft Singapore delegates. They learnt how to innovate and leverage on cloud technologies to enhance productivity in their businesses.

In addition, participants also had the opportunity to tour around the new Microsoft Technology Center, officially launched in April 2012, which showcased innovative technologies and expertise that enabled users to envision, design and deploy solutions which meet their business needs.

### Understanding and Pursuing European Conformity Marking (CE Marking)

The CE Marking seminar, held at SPRING Singapore Building, was organised by SMF Electrical, Electronics & Allied Industries Industry Group (EEAI IG)’s Industrial Electrical and Electronics Products (IEEP) Sub-Group and strongly supported by TÜV Rheinland Singapore Pte Ltd on 26 April 2012.

60 participants including SMF members, SMF affiliate members and non-members, benefited from the seminar. They learnt about the essentials of CE Marking and the pathway and process to achieve CE compliance. In addition, the participants also had the chance to learn about the new Ecodesign Directive and its applicable regulations and requirements.

\* Note:  
Mr Makoto Kurawaki joined as a committee member after former representative Mr K. Nakatani stepped down in January 2013.



## Energy & Chemicals Industry Group

The Energy & Chemicals Industry Group (E&C IG) is a cluster of companies that operates in the areas of oil and gas, power generation as well as chemicals manufacturing and distribution. Collectively, these companies encompass the entire spectrum of the petroleum supply chain and include downstream industries like plastics and paints.

The Industry Group Committee organises events that share the best practices and updates on industry developments. The Committee also actively collaborates with government bodies with respect to the energy and chemicals industry.

### Chairman and Vice-Chairman (Utilities)

**Mr Brendan Wauters**

Senoko Energy Supply Pte Ltd

### Honorary Chairman

**Mr Simon Li**

Feoso (Singapore) Pte Ltd

### Deputy Chairman

**Mr Vincent Tay**

Singapore Petroleum Company Ltd

### Vice-Chairman (Chemicals)

**Mr Tan Pua Yong**

Chemical Industries (Far East) Ltd

### Vice-Chairman (Events)

**Mr Hendrie Lee**

SSB Cryogenic Equipment Pte Ltd

### Vice-Chairman (Membership)

**Mr Michael Wong**

Tuas Power Supply Pte Ltd

### Committee Members

**Mr Chau Tak Vui**

McKinn International Pte Ltd

**Mr Wang Fucheng**

Zhongde (S) Environmental Protection Pte Ltd

## Highlights

### Memorandum of Understanding (MOU) with China National Chemical Information Centre (CNCIC)

An MOU was signed between SMF and CNCIC on 19 July 2012 to jointly develop opportunities in areas of common interest in the Chemicals and Petrochemical field and collaborate with a synergistic endeavour to develop new opportunities globally.

This MOU signing was conducted at the inaugural China Petrochemical Industry Conference 2012 (CPIC2012), a high-end international conference of the petrochemical industry held in Singapore. SMF was also the key supporter for this international conference.

### Caofeidian Symposium & Networking Luncheon

On 3 April 2012, delegates from the Administrative Committee of Caofeidian New Area hosted a symposium and networking luncheon in Singapore to share the present status and future developments of the Caofeidian Chemical Industrial Park (CCIP). The symposium also served as a platform for members and delegates to exchange information on the latest trends of development of the petrochemical industry in China and Singapore.

### Implementing ISO 50001 Gain Valuable Insights

Members of SMF were invited by SGS International Certification Services Singapore Pte Ltd to attend a sharing session on companies that have implemented ISO 50001 Energy Management Systems on 12 July 2012. This seminar was supported by SMF E&C IG.

The session covered two real life case studies of companies on their journey, outlining how and why these companies decided to implement the ISO 50001, the challenges faced as well as key learning points to note.



# Fire Protection, Safety and Security Industry Group

The Fire Protection, Safety & Security Group (FPSS IG) was formed by the founding members DORMA Door Controls Pte Ltd (now known as DORMA Far East Pte Ltd), South East Metal Industries Pte Ltd, Kaba Security Pte Ltd, Tacam Steel Pte Ltd and Assa Abloy (S) Pte Ltd in April 2003.

FPSS IG assists members by fostering close working relationships with government agencies through drafting and reviewing safety standards, promoting best practices, conducting joint research, and educating the public on fire safety, security and general safety issues. FPSS IG also works closely with the Singapore Civil Defence Force (SCDF) in promoting fire safety to all SMF members. The formation of FPSS IG puts SMF in good stead to represent and champion the cause of local fire protection and safety-related and security industries.

**Chairman**  
**Mr Rodney Lee**  
Tacam Steel Pte Ltd

**Deputy Chairman**  
**Mr Jason Kurek**  
SimonsVoss Security  
Technologies (Asia) Pte Ltd

**Committee Member**  
**Mr Gn Chiang Yam**  
Hart Engineering Pte Ltd

## Highlights



**Dialogue with Building & Construction Authority (BCA) and Singapore Civil Defence Force (SCDF)**

On 27 July 2012, a dialogue session with BCA and SCDF was organised for members’ feedback to the authorities on general issues relating to the safety, standards and quality in building works and the maintenance aspect of the fire doors in local main buildings. This dialogue was a follow up from the SMF dialogue session with the Ministry of Trade and Industry (MTI) on 4 May 2012.

**Promoting Fire Safety Awareness with SCDF**

FPSS has remained the representative of the local fire protection and safety-related and security industries. It continues to work closely with the SCDF in promoting fire safety to all SMF members through the distribution of electronic mail flyers and safety posters.

# Food & Beverage Industry Group

The Food & Beverage Industry Group (F&B IG) is one of the earliest Industry Groups formed during the early days of Singapore Manufacturing Federation (SMF). For many decades, the F&B IG has been the representative voice of the Food & Beverages manufacturing and services industries on issues where collective representation is effective and desirable.

The F&B IG serves as the representative body for SMF members with regards to the critical issues faced by F&B industries. Feedback and research is consistently conducted and presented to relevant government authorities and other associations for documentation and resolution.

The F&B IG promotes trade and business information to local and foreign business communities, organises meetings with visiting foreign delegations to promote business networking opportunities, provides relevant information and training programmes to upgrade members' knowledge and skills and fosters closer ties among members, private organisations and government agencies.

**Chairman**  
**Mr Cheong Chung Kin**  
Win Sin (Pte) Ltd

**Honorary Chairman**  
**Mr Sunny Koh, PBM**  
Chinatown Food Corp  
Pte Ltd

**Deputy Chairman**  
**Mr Lewis Cheng**  
Prima Limited

**Committee Members**  
**Mr Alex Chong**  
Amoy Canning  
Corporation (S) Ltd

**Mr Archawat Chaveonsilp**  
Coca-Cola Far East Limited

**Mr Bruce Chin**  
Food Empire Holdings Ltd

**Dr Ng Cher Siang**  
Gardenia Foods (S) Pte Ltd

**Ms Ann Chin**  
Mars Food Inc

**Ms Cyndy Au**  
Mondelez Asia Pacific Pte Ltd

**Mr James Wong**  
Nestlé Singapore (Pte) Ltd

**Ms Eva Chow Lang Ean**  
Sunfresh Singapore Pte Ltd

**Mr Peter Tan**  
Super Coffee Corporation  
Pte Ltd

**Ms Xen Lim**  
Thong Siek Food Industry  
Pte Ltd

**Mr Peter Lee**  
Yee Lee Oils & Foodstuffs  
(S) Pte Ltd

**Mr Tan Chong Gay**  
Warburg Vending Pte Ltd



## Highlights

### Seminar on Understanding the HS Code from China & China-Singapore FTA

With more companies venturing into the China market, the understanding of the differences in regulations becomes crucial. On 12 September 2012, F&B IG invited three Custom Officers from Shenzhen's Rule Of Origin office to share about the China HS Code and how it may differ from other countries. Officials from Singapore Customs were also present to answer queries during this seminar. Over 100 participants attended the seminar and many found the presentation very useful.

### Seminar on Your Opportunity in the Myanmar market

With its new political changes and its favourable geographical location, many companies are looking at gaining first movers' advantages into Myanmar. Hence, this seminar on 19 November 2012 was organised to provide a platform for Singaporeans based in Myanmar to share about business opportunities in Myanmar. The seminar was well received. Many participants found it to be insightful and informative.

### Seminar on Addressing obesity through fact-based nutrition information

This seminar is the first of a series of workshops organised by the newly-formed SMF Health & Nutrition Working Group on 15 February 2013. The workshop looked at the health & nutrition labelling policies and compared it to the different labelling systems as well as gave insights on tackling obesity through consumer education and front of pack nutrition labelling. Several speakers from multi-national food companies also shared their experiences in nutrition labelling on their products targeted at different markets, helping attendees understand how best to label their products.



# Life Sciences Industry Group

Life Sciences Industry Group (LSIG) represents the local generic drug manufacturers and drug distributors. It comprises two sub-groups, Singapore Pharmaceutical Manufacturers' Council (SPMC) and Singapore Pharmaceutical Trade Organisation (SPTO), which are chaired by Mr Koe Khoon Poh and Mr Adam Hamid respectively.

The group was established to maintain and enhance the reputation and credibility of the pharmaceutical industry in Singapore. Members from SPMC and SPTO meet regularly with the Health Sciences Authority (HSA) to discuss the latest regulatory issues in the region.

**Chairman**  
**Dr Tan Kok Kheng**  
Mycobiotech Ltd

**Deputy Chairman**  
**Mr Koe Khoon Poh**  
ICM Pharma Pte Ltd

**Vice-Chairmen**  
**Mr Adam Hamid**  
Naina Mohamed & Sons  
Pte Ltd

**Ms Gwen Goh**  
Zyfas Medical Co

**Committee Members**  
**Mr Abner Yong**  
Apotheca Marketing Pte Ltd

**Ms Kiang Pei Min**  
Leung Kai Fook Medical Co

**Mr Heng Swee Hiang**  
Practical Mediscience  
Pte Ltd

**Mr Lee Loh Meng**  
Sunward Pharmaceutical  
Pte Ltd



## Highlights

**Dialogue Session with Health Sciences Authority (HSA)**

A dialogue session was held on 23 October 2012 for Singapore Pharmaceutical Manufacturers' Council (SPMC) and Singapore Pharmaceutical Trade Organisation (SPTO) members with Dr Sannie Chong, Director of Generics & Biosimilars Branch, and HSA. HSA shared new regulatory initiatives and the industry group gave feedback on regulatory issues.

Dialogue sessions with HSA are organised on a regular basis for members to provide feedback to the authority on new and existing regulatory issues. These sessions enable members to discuss issues and challenges faced by the industry while sharing best practices and new technologies.

**Regular Meetings for sub-groups Singapore Pharmaceutical Manufacturers' Council (SPMC) and Singapore Pharmaceutical Trade Organisation (SPTO)**

Members from the 2 sub-groups, SPMC and SPTO met on 18 October 2012 to discuss business and regulatory issues and reinforced member companies to continue its support for LSIG.

# Lifestyle Industry Group

Lifestyle Industry Group (LFS IG) was formed in 1988. This was the result of a merger of three industry groups – Fashion & Apparel, Jewellery & Watches and Furniture. It serves as an industry representative to suppliers and consumers. The group actively promotes Singapore’s lifestyle products and services to local and international markets through trade missions and fairs. It also aims to foster ties between members, private organisations and government agencies.

**Chairman**  
**Ms Zhang Jia Lin**  
Inflo Health Sciences Pte Ltd

**Committee Members**  
**Ms Nelly Toh**  
Orchid Laundry

**Mr Toh Lim Mok**  
Siow Chiang & Co Pte Ltd

**Mr Woo Boon Chong**  
Wan Ling Medical (Pte) Ltd



## Highlights

**Lifestyle Industry Group (LFS IG) Networking Lunch**

A lunch meeting was organised to facilitate greater understanding of the Lifestyle Industry Group on 14 November 2012. Ms Zhang Jia Lin, Chairman of LFS IG, gave a brief presentation on past events organised by the LFS IG. She mentioned future events and the direction of the LFS IG. These include branding workshops, social deportment events and networking sessions. The members were very supportive. They had a good networking and sharing session.

# Medical Technology Industry Group

Since its formation in 1998, Medical Technology Industry Group (MTIG) has been working towards its mission to be the leading voice in pressing forward interests of the medical technology industry and its affiliates. The group also works closely with industry partners and government agencies such as the Health Sciences Authority (HSA) to develop value-added programmes and seminars that cover a broad range of topics for its members.

MTIG meets regularly to discuss industry-related issues, latest updates on regulatory affairs and the impact of new regulations to the industry, business matters as well as the code of ethics. MTIG is made up of the main committee as well as three sub-committees, Technical, Business and Compliance and two sub-groups, Asia Pacific Vision Care Group and the Singapore Vision Care Group.

- Chairman**  
**Mr Alok Mishra**  
Johnson & Johnson Pte Ltd
- Deputy Chairman & Technical Subcommittee Chairman**  
**Ms Jacqueline C. Monteiro**  
Bausch & Lomb (Singapore) Pte Ltd
- Business Subcommittee Chairman**  
**Mr Gjan Lim**  
Covidien Pte Ltd
- Compliance Subcommittee Chairman**  
**Mr Alfred Kwek**  
GE Healthcare Pte Ltd

- Compliance Subcommittee Co-Chairman**  
**Ms Angelia Lee**  
Medtronic International Ltd
- Sub-Groups Chairmen**  
**Mr Patrick Cherrier**  
Essilor AMERA Pte Ltd
- Ms Bebe Teo**  
Johnson & Johnson Vision Care
- Committee Members**  
**Ms Ho Yuan Lu**  
Healthcare Business of 3M Asia Pacific Pte Ltd
- Ms Ginnie Chao**  
AMO Singapore Pte Ltd
- Ms Wendy Tan**  
AMO Singapore Pte Ltd
- Ms Jane Fong**  
ANTz Latex Pte Ltd

- Mr Jack E Moore Jr**  
Becton Dickinson Holdings Pte Ltd
- Ms Loh Puay San**  
Becton Dickinson Holdings Pte Ltd
- Ms May Ng**  
Biosensors International Pte Ltd
- Mr Preecha Bhandtvej**  
Edwards Lifesciences (Asia) Pte Ltd
- Ms Tran Quan**  
GE Healthcare Pte Ltd
- Ms Valerie Fan**  
Medivators Asia Pacific
- Ms Amy Gan**  
Olympus Singapore Pte Ltd
- Ms Shannon Khoo**  
Smith & Nephew Pte Ltd

## Highlights



### Townhall with Dr Amy Khor, Minister of State, Ministry of Health and Ministry of Manpower

Dr Amy Khor, Minister of State, Ministry of Health and Ministry of Manpower addressed the medical device industry for the first time in a Townhall Meeting organised by SMF Medical Technology Industry Group and supported by Ministry of Health (MOH) and Health Sciences Authority (HSA) on 20 April 2012. Attended by 370 medical device companies, the dialogue served as a platform for HSA to respond to industry feedback as well as announce enhancements to the regulatory framework since its complete implementation on 20 January 2012.

Dr Amy Khor, HSA's CEO Associate Professor John Lim and SMF President Mr George Huang launched the HSA-SMaRT Dossier Submission E-Guide to mark the continuous engagement and open channels of communication between the industry and the authorities.

### Signing of Memorandum of Understanding between 6 ASEAN medical device associations

The medical device industry received a boost with better regional cooperation, knowledge exchange and close collaborations with ASEAN regulators to promote harmonisation and other key strategic initiatives.

Six medical device associations from Malaysia, Philippines, Singapore and Thailand gathered together in the name of the ASEAN Federation of Medical Device Industry on 12 September 2012.

Through signing a Memorandum of Understanding (MOU), the six associations, namely, Association of Malaysian Medical Industries, Malaysia Medical Device Association, Association of Medical Device Industry (Singapore), Philippines Association of Medical Device Regulatory Affairs Professionals, SMF Medical Technology Industry Group and Thai Medical Device Technology Industry Association, affirmed their commitment to advance the medical device industry.

### Seminar on Expanding into China's Medical Device Market

The Medical Technology Industry Group collaborated with SMF member company, DH Regsys Pte Ltd, to organise a workshop on China State Food and Drug Administration medical device registration from 30 – 31 August 2012. The event, conducted by Dr Song Xin Hua, an experienced Chinese lecturer cum consultant on China SFDA regulations, was well received by participants.



# Metal, Machinery & Engineering Industry Group

The Metal, Machinery & Engineering Industry Group (MME IG) is a cluster of manufacturing companies that conduct metal fabrication, conventional machining and precision engineering activities as their core operations. The end products from these MME IG manufacturers are typically parts and components which are widely used in the assembly of mechanical systems and structures.

**Chairman**  
**Mr John Kong**  
M Metal Pte Ltd

**Deputy Chairman**  
**Mr Tommy Lim**  
Tri-Star Industries Pte Ltd

**2nd Deputy Chairman**  
**Dr Lim Chee Song**  
Simplex Pte Ltd

**Chairman for Government Dialogue**  
**Mr James Wong**  
O. E. Manufacturing Pte Ltd

**Chairman for Networking Night**  
**Mr Wong Choon Kin**  
EcoSafety Consultancy Pte Ltd

**Chairman for IG Dinner**  
**Mr Philip Wong**  
Dailian International Pte Ltd

**Deputy Chairman for IG Dinner**  
**Mr Ow Chun Chor**  
Star Union Engineering Pte Ltd

**Chairman for Community Projects**  
**Mr Siew Yit Foong**  
Cititech Industrial Engineering Pte Ltd

**Deputy Chairman for Community Projects**  
**Mr Raymond Wee**  
SalesTrade Corporation (S) Pte Ltd

**Committee Members**  
**Mr Kelvin Tan**  
Bayswater Shipping & Forwarding Pte Ltd

**Mr Hong Chee Leong**  
Spot Management Services Pte Ltd

**Mr Joe Chan**  
Cleifton Precision Pte Ltd

**Mr Alvin Cher**  
Consys Enterprise Pte Ltd

**Mr Kent Chan**  
CPM Pacific (Pte) Ltd

## Highlights

### Yamazaki Mazak Cyber Factory Visit

30 participants visited the Yamazaki Mazak Cyber factory on 25 January 2013. The hospitable hosts from Yamazaki Mazak gave a seminar on the profile of Yamazaki, various types of latest technology in machine-tools-producing machines as well as their use in different types of industries.



Participants had the opportunity to enter the factory, designed as an advanced manufacturing facility. Through total factory integration, Yamazaki Mazak has been able to produce machine tool components in the absolute minimum in-process time with reduced operator requirements. Over the tour, presenters from Yamazaki Mazak gave everyone a better understanding of systems of the factory and a greater overview on their capabilities and product lines.

### Metal, Machinery & Engineering Industry Group's (MME IG's) Adopted Charity – Dover Park Hospice

Besides working for business interests, it is also important to commit time and effort towards helping the community. The IG adopted the Dover Park Hospice – a secular, non-profit organisation run by many big-hearted people to provide palliative care for terminally ill patients.

The IG met up with Dover Park Hospice to find out more about the Hospice and learn about their needs. Upon their request, Dr Lim Chee Song from Simplex Pte Ltd generously donated a specialised refrigerator to the hospice. The IG also decided to ramp up donation efforts so as to work towards the hospice's dream of obtaining a new van for their patients and have raised \$15,400.

### Future Investment Outlook 2013 Talk by Dr Tan Kee Wee

Following the announcement of the Budget, local Economist and Academic, Dr Tan Kee Wee, shared his insights on the investment climate to over 50 participants on 28 February 2013. A popular public speaker, he brought in interesting self-produced videos to showcase the current economic position which gave new insights and set directions for consideration in making investment decisions.

### "Do You Know your Exposure to the New Workplace Safety & Health Act?" Talk by Mr Wong Choon Kin

Mr Wong Choon Kin, Director, EcoSafety Consultancy Pte Ltd, gave an informative talk on the New Workplace Safety & Health (WSH) Act to a crowd of 30 participants on 3 January 2013. The participants learnt about legal issues and responsibilities regarding the WSH Act through relatable case studies. They were equipped with knowledge to further improve safety systems and regulations at their workplace.

# Packaging Council of Singapore Industry Group

The Packaging Council of Singapore Industry Group (PCS IG) 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 extensive resources to exchange knowledge and experiences.

PCS aims to leverage on packaging technology to gain a competitive edge in innovation and creativity through several strategies. This includes organising seminars to inculcate the importance of packaging concepts and technology and promote awareness on the importance of packaging functional performance in terms of consumer needs and impact on health and environment. To further reinforce sustainable packaging materials, concepts and practices, PCS organises the Annual Singapore Packaging Star (SPSA) Award, facilitates the Asia Star Award and the World Star Award competitions to allow members to display their creativity and to keep themselves abreast of the packaging laws and regulations.

**Chairman**  
**Ms Annabelle Tan**  
Brite Konzept Pte Ltd

**Honorary Chairman**  
**Mr Albert Lim**  
Packagers Pte Ltd

**Deputy Chairman**  
**Ms Betty Tan**  
Sin Cheong Containers  
Mfg Co Pte Ltd

**Committee Members**  
**Ms Susan Chong**  
Greenpac (S) Pte Ltd

**Mr Almond Ko**  
SC (Sang Choy) International  
Pte Ltd

**Mr Philip Lee**  
Sealed Air (S) Pte Ltd

**Mr David Ng**  
Transicom Engineering Pte Ltd

**Mr Tan Jit Khoon**  
Winson Press Pte Ltd

**Mr Teri Teo**  
Winrigo (S) Pte Ltd



## Highlights

### World Packaging Conference

PCS leveraged on the World Packaging Organisation (WPO) Board Meeting held in Singapore from 26-28 November 2012 to organise the World Packaging Conference. The theme of the Conference was “Innovative Packaging for Business Sustainability”. This was held on 29 November 2012 and it was very well attended. Packaging experts from all over the world shared their knowledge and experiences. Topics discussed include current and future trends in packaging, designs, material economics, sustainability and enhancing product value.

In conjunction with this conference, PCS hosted a gala dinner to present awards to winners of the Singapore Packaging Star 2012 & the Asia Star Awards 2012. This prestigious ceremony is held annually to recognise and encourage products manufacturers, food manufacturers, design firms and institutions to excel in their innovative packaging designs.

Since the Singapore Packaging Star Award was initiated in 1988, this is the first year that PCS partnered Singapore Workforce Development Agency (WDA) to introduce a new Food & Beverage Category in Sustainable Packaging. It was very encouraging to record an increase of about 20% in participation rate for the Singapore Packaging Star Award. There were 47 winners of the Singapore Star Award. Out of the 47 national award winners, 22 were winners of the Asia Star Award and 9 were winners of the World Star Award 2012.

## SMF Centre for Corporate Learning (SMF CCL)

The SMF Centre for Corporate Learning (CCL) is a wholly-owned subsidiary of SMF. It is one of Singapore's leading training providers with more than 47 years of experience in conducting productivity improvement, manufacturing-related thought-leadership and personal development programmes to empower people to achieve optimum results. SMF CCL is an approved Continuing Education and Training (CET) Centre with the Singapore Workforce Development Agency (WDA) as well as the Authorised Education Provider with The Association for Operations Management (APICS). SMF CCL aspires to be the organisation that transforms your people into valuable assets.

SMF CCL is a one-stop business service provider offering a holistic suite of services. These include training programmes to upgrade the skills of the manufacturing workforce while nurturing T-shaped PMETs and driving productivity growth. SMF CCL also organises seminars, conferences and workshops and develops customised in-house training solutions for organisations.

### Chairman

**Mr Low Beng Tin, BBM**  
Oakwell Engineering Limited

**Mr Douglas Foo, PBM**  
Sakae Holdings Ltd

### Board of Directors

**Mr Philip Lee**  
KPMG LLP

**Mr Lam Joon Khoi**  
Singapore Manufacturing Federation

## Highlights



### WDA-SMF Productivity & Innovation Awards 2012

Into its second year, the WDA-SMF Productivity & Innovation Awards are awarded to companies which have embarked on and completed their first productivity project as part of the WSQ Certified Productivity & Innovation Manager (CPI Manager) and SME QIANG (Quality Initiatives to Assist, Nurture & Grow) programmes on 30 October 2012. Winners leveraged on industry best practices, productivity concepts and tools to streamline their processes and accelerate sustainable growth.

### SMF Centre for Corporate Learning (CCL) appointed as Continuing Education & training (CET) Centre for 3 Years

On 1 October 2012, SMF CCL was appointed as a CET Centre for another three years (2012 - 2015) with Singapore Workforce Development Agency (WDA).

SMF CCL prides itself on delivering Workforce Skills Qualifications (WSQ) programmes under Generic Manufacturing Skills and will continue its mission to develop and deliver national quality programmes to upgrade and improve the skills of Singapore's workforce.

### SMF Centre for Corporate Learning (CCL) appointed by National Environment Agency (NEA) for Productivity Improvement Initiative for Cleaning Industry

In July 2012, NEA appointed CCL as the training and consulting provider for three sub-sectors namely, Food & Beverage, Public Cleaning and Commercial Cleaning. A total of 37 companies are currently benefiting from this initiative.

### SMF Centre for Corporate Learning (CCL) appointed by Singapore Corporation of Rehabilitative Enterprises (SCORE) to conduct WSQ Operate Forklift Course for Ex-Inmates

In October 2012, SCORE appointed CCL to conduct WSQ Operate Forklift Course for ex-inmates. More than 200 ex-inmates benefited from the course, which have provided them with new skills to socially reintegrate and find jobs.



# SME Centre @ Singapore Manufacturing Federation (SME Centre@SMF)

Formerly known as Enterprise Development Centre@SMF (EDC@SMF)

The Enterprise Development Centre @ Singapore Manufacturing Federation was renamed to SME Centre@SMF in 1 April 2013.

SME Centre@SMF was established in May 2005 as a subsidiary of SMF through a government grant from SPRING Singapore. The primary role of the Centre is to assist Singapore enterprises to develop essential business competencies and adopt best practices throughout their operations in order for them to be more competitive and successful in the domestic and global markets.

SME Centre@SMF has organised and partnered SMF in many events which it organises regularly for its members and guests to achieve its goal of reaching out to SMEs in Singapore. SME Centre@SMF has attended to more than 17,000 assistance requests from SMEs since its inception.

SME Centre@SMF is also the first Enterprise Development Centre to receive the ISO 9001:2008 certification in the beginning of year 2013. The Centre will continue to assist SMEs on navigating their way through the various government assistance schemes, while consistently maintaining a strong partnership with the government agencies.

**Chairman**  
**Mr Tay Jih-Hsin**  
Swee Hin Power Systems Pte Ltd

**Mr Philip Lee**  
KPMG LLP

**Dr Michael Teng**  
Singapore Manufacturing Federation (SMF)

**Board of Directors**  
**Dr Moh Chong Tau, PBM**  
Makino Asia Pte Ltd

**Mr Lam Joon Khoi**  
Singapore Manufacturing Federation (SMF)

## Highlights

### 5th Enterprise Development Centre (EDC) Conference 2013

The 5th EDC Conference was jointly organised by EDC@SMF, EDC@ASME, EDC@SCCCI, EDC@SICCI and EDC@SMCCI on 25 March 2013 at Max Atria, Singapore Expo. Themed "Step Up and Transform", the conference drew a strong attendance of 500 participants. The audience learnt more about how to transform their businesses and

increase their business sustainability in the current competitive economy through SME Workshop Series, making use of social media and learning more on government schemes. Guest of Honour MOS Teo Ser Luck, Minister of State (Trade and Industry), officiated the event. He also announced that the five EDCs will take on an expanded role to become SME Centres from 1 April 2013.



### Uplifting Productivity Through Government Funding Assistance featuring IRAS, Design Singapore Council and e2i

Productivity concepts were shared by EDC advisors at this seminar on 27 April 2012. Government officials from Inland Revenue Authority of Singapore (IRAS), Design Singapore Council and e2i also informed participants on their assistance schemes for companies.

### Looking Beyond Singapore – Venturing Overseas

Held on 26 September 2012, this event was organised to equip companies which are venturing abroad with the essential information and considerations. Topics included IE Singapore's assistance schemes, financing options by Standard Chartered Bank, regulatory framework and IP issues by Rodyk & Davidson LLP, expansion models and branding management by OIG Capital Corporation.

# GS1 Singapore Limited

As part of an international organisation with 111 Member Organisations serving approximately two million companies from all areas in the supply chain across 150 countries, GS1 Singapore Limited meets the needs of multiple sectors and industries ranging from Fast Moving Consumer Goods (FMCG) to healthcare, transport, defence, aerospace and financial services.

GS1 Singapore is a neutral, not-for-profit organisation which facilitates collaboration among trading partners, organisations and technology providers in order to solve business challenges. By leveraging standards, users of the GS1 System can ensure visibility along their entire value chain.

GS1 Singapore strengthens its presence in the internet world through their B2C activities, end-to-end data quality initiatives and standards which enable visibility over processes and movements. GS1 Singapore helps businesses work more efficiently, provides better visibility throughout the supply chain, improves patient safety and care and ensures food safety.

**Chairman**  
**Mr Michael Chin**  
Asia Breweries (S) Pte Ltd

**Board of Directors**  
**Mr Douglas Foo, PBM**  
Sakae Holdings Ltd

**Mr Lam Joon Khoi**  
Singapore Manufacturing  
Federation

**GS1 Singapore User Board**  
**Chairman**  
**Mr Sunny Koh, PBM**  
Chinatown Food Corporation Pte Ltd

**Deputy Chairman**  
**Mr Tng Ah Yiam, PBM**  
NTUC Fairprice Co-Operative Ltd

**User Board Members**  
**Mr Alain Ong**  
Pokka Corporation (S)  
Pte Ltd

**Mr Seah Seng Choon**  
Consumer Association  
of Singapore (CASE)

**Mr Phua Puey Joy**  
Isetan Singapore Ltd

**Mr Lim Yee**  
SATO Asia Pacific Pte Ltd

**Mr Kurt Fercher**  
Johnson & Johnson  
Pte Ltd



## Highlights

### Inaugural GS1 Singapore User Board

The inaugural GS1 Singapore User Board meeting was chaired by Mr Sunny Koh and Mr Tng Ah Yiam, the Chairman and Deputy Chairman, together with 4 members on 26 February 2013. The User Board is a representative body of registered users of GS1 Singapore for feedback and consultation. Members are able to promote user communities and industry-driven engagements through pro-competition. At the same time, members can leverage on global standards to increase efficiencies in their businesses.

### Upgrading of NEPC and Website

GS1 Singapore National Electronic Product Catalogue (NEPC) was developed 10 years ago as an electronic repository of products images and information. To stay relevant in this ever-changing business environment, GS1 has commenced development of its 2nd Generation NEPC. In conjunction with this development, the GS1 corporate website was also revamped in the 1st quarter of 2013.

### GS1 Asia Pacific Regional Forum in 2012

Singapore was represented in the GS1 Asia Pacific Regional Forum from 30 October to 2 November 2012, hosted by GS1 Philippines at Palawan, Puerto Princesa. A total of 16 member organisations from Australia, China, Hong Kong, Macau, India, Indonesia, Japan, South Korea, Malaysia, New Zealand, Philippines, Russia, Singapore, Taiwan, Thailand and Vietnam attended the forum. Singapore secured the right to host the GS1 Asia Pacific Regional Forum 2015 in Singapore. The last Regional Forum hosted by Singapore was in 2005.

\* Note:  
Mr Patrick Chang, Managing Director of Paclin Office Products Pte Ltd, has been appointed as Chairman as of 1 Apr 2013

# SMF Institute of Higher Learning

SMF Institute of Higher Learning (SMF Institute) was established in 2003 with the aim towards capacity and capability building of human resources in Singapore. Being one of the leading educational providers in Singapore, SMF Institute advocates higher education with applied learning through internship attachments at the corporate member companies of SMF. Leveraging on the Institute's close alliance with industry leaders, students can look forward to networking opportunities and practical learning.

The institute works with renowned overseas universities and professional institutions to provide quality and industry-recognised qualifications. These partners include Murdoch University, Edith Cowan University, The University of Sheffield, CIMA, CPA Australia, Manchester Business School and Singapore Media Academy. SMF Institute diplomas are awarded with advance standings to internationally recognized universities in Australia and UK. In addition, both the institute's certificate and diploma programmes are endorsed and recognised by Singapore Manufacturing Federation locally and regionally.

SMF Institute has achieved numerous accolades including winning the "Top 3 Private Schools" in the AsiaOne People's Choice Awards 2009, 2010 and 2011. SMF Institute is also among the 40 Private Education Institutions (PEIs) out of the 352 PEIs to attain the 4-years EduTrust Certification in Singapore.

**Chairman**  
**Dr Moh Chong Tau, PBM**  
Makino Asia Pte Ltd

**Board Members**  
**Mr Philip Lee**  
KPMG Singapore

**Mr Douglas Foo, PBM**  
Sakae Holdings Ltd

**Mr Lam Joon Khoi**  
Singapore Manufacturing Federation

**Dr Michael Teng**  
Singapore Manufacturing Federation

**Mr Richard Soh**  
SMF Institute of Higher Learning Pte Ltd

## Highlights

### Launch of Internship Programme with 13 Partners

The Internship Programme was launched on 22 February 2013 in conjunction with the SMF Chinese New Year Celebration. This programme will see the participation of companies ranging from SMEs to MNCs from both SMF corporate members to external partners.

With the signing of a Memorandum of Understanding (MOU), these 13 companies pledged to provide students with internship opportunities over the next 2 years. Companies include Makino Asia, Swee Hin Power Systems, Chinatown Food Corporation, Winson Press, Concord Associates, Closed-Loop Technology, FarEastFlora and Fuji Xerox Singapore. This initiative was taken up by another 12 companies after the MOU signing.



### University Medal 2012

Cassandra Tan Si Hui, a student from SMF Institute of Higher Learning, was awarded a University Medal from Murdoch University. As part of the class of 2012, Cassandra is one out of seven undergraduate students hand-picked from the entire student cohort of close to 20,000 students globally to be awarded the prestigious University Medal. She pursued a Bachelor of Communication degree with double majors in Public Relations and Marketing Management. The University Medal system was designed by Murdoch University to recognise undergraduate students with outstanding academic performance.

### Tampines Central Community Scholarship

SMF President George Huang presented the Tampines Central Community Scholarship to two students, Ms Lee Jing Ting and Ms Noormozdalifah Binte Mustapha, to pursue a three-year Murdoch University undergraduate degree programme offered by the SMF Institute of Higher Learning on 29 September 2012 during the SMF 80th Anniversary Gala Dinner. This scholarship reinforced SMF's commitment in the development of human capital in Singapore.



# Singapore Manufacturing Federation Standards Development Organisation (SMF-SDO)

SMF was appointed by SPRING Singapore as a Standards Development Organisation (SDO) for a period of three years beginning 1 April 2011. Since its inception, SMF-SDO has been committed to the administration of standards development work across three standards committees, namely, General Engineering and Safety Standards Committee (GESSC), Food Standards Committee (FSC) and Biomedical Standards Committee (BMSC).

Buoyed by its strength in industry engagement and outreach, SMF-SDO has achieved the review and development of 96 standards in the first two years and also successfully managed to increase the number of standards committees, technical committees and working groups across the sector. This translated into an increase in membership from 175 to 526 volunteers.

**Chairman**  
**Mr Tay Jih-Hsin**  
Swee Hin Power Systems  
Pte Ltd

**Deputy Chairman**  
**Mr Steven Tan**  
SPRING Singapore

**Industry Representatives**  
**Mr Valerio Nannini**  
Nestlé Singapore Pte Ltd

**Mr Alok Mishra**  
Johnson & Johnson Medical  
Asia Pacific

**Mr Tan Boon Chong**  
Schneider Electric ISC (S)  
Pte Ltd

**Standards Committee Representatives**  
**Ms Jacqueline Monteiro**  
Chairman, BMSC

**Mr Teng Leng**  
Deputy Chairman, BMSC

**Mr Tan Khieng Sin**  
Chairman, FSC

**Dr Chew Siang Thai**  
Deputy Chairman, FSC

**Mr Lim Kay Kong**  
Deputy Chairman, FSC

**Mr Chan Yew Kwong**  
Chairman, GESSC

**Mr Seet Choh San**  
Deputy Chairman, GESSC

**Singapore Manufacturing Federation (SMF)  
Representative**  
**Mr Lam Joon Khoi**  
Secretary-General

**SPRING Singapore Representatives**  
**Mr Cheong Tak Leong**  
Deputy Director

**Ms Jessie Wu**  
Senior Manager

## Highlights

### Launch of TR 32:2012

SMF-SDO and Ministry of Culture, Community and Youth (MCCY) jointly launched the Technical Reference (TR) on Recreational Diving “TR 32:2012” on 7 January 2013. TR 32:2012 was developed by the Recreational Diving Safety Committee (RDSC) under the National Water Safety Council (NWSC) and the Working Group under GESSC Technical Committee on Workplace Safety and Health. The launch was officiated by the Standards Council, SPRING Singapore and NWSC. The TR 32:2012 will serve as the common safety standard for recreational diving in Singapore. It includes regulations pertaining to the roles and responsibilities for participants involved in recreational diving, best practices for dive masters and diving instructors and the safety requirements for diving activities.

### Food Standards Committee eXchange 2012

The Food Standards eXchange 2012 was held on 6 November 2012 at Novotel Clarke Quay Hotel. 160 participants comprising Business Owners as well as Researchers, Professionals and Managers from more than 80 organisations attended the event.

The event showcased the benefits of adoption of standards to enhance food security, safety and traceability levels in Singapore through the promotion of food-related standards to food manufacturers, retailers and logistics operators.

### Industry Briefing for New Singapore Standard (SS) for Thermal Imagers for Human Temperature Screening

The Industry Briefing for the new SS for Thermal Imagers for Human Temperature Screening (Part 1 & 2) held on 22 March 2013 was a big success, with 59 participants from government agencies, academia, hospitals and equipment manufacturing companies attending the event. The Industry Briefing included presentations by industry leaders and experts who shared on the respective topics in their areas of expertise and an engaging discussion session with participants on the application of the SS.

The event was significant as it was a culmination of almost 2 years of effort to upgrade TR 15 to an SS. The Industry Briefing was meaningful as it also coincided with the SARS 10th Anniversary. Participants were impressed by the work done pertaining to the new Standard and the breadth and depth of strategies implemented. The panelists also enjoyed an interactive session with the participants while addressing questions fielded from the floor.



# Singapore Innovation & Productivity Institute (SiPi)

**Productivity brought us to today, Innovation takes us into the future.**

The Singapore Innovation and Productivity Institute (SiPi) is the national agency under Singapore Manufacturing Federation (SMF) that drives innovation and productivity in the manufacturing community in Singapore.

SiPi's vision is to be the leading driver of innovation thinking and best practices for manufacturing companies in Singapore. Its mission is to empower these manufacturing companies with the mindset and tools to achieve the highest level of innovation and productivity.

With a strong team of Lean Six Sigma black belt experts, SiPi aspires to steer industry development and collaborate closely with industries and local and overseas experts to develop tools, case studies and methodologies to help manufacturing companies embark on or enhance their innovation and productivity journey. SiPi also aims to generate new knowledge through research and to value-add to manufacturing companies' services through self-assessment benchmarking exercises and a portal by 2015.

**Board of Directors  
Chairman**  
**Mr Douglas Foo, PBM**  
Sakae Holdings Ltd

**Mr Valerio Nannini**  
Nestlé Singapore (Pte) Ltd

**Mr Tay Jih-Hsin**  
Swee Hin Power Systems  
Pte Ltd

**Mr Lam Joon Khoi**  
Singapore Manufacturing  
Federation (SMF)

**Dr Michael Teng**  
Singapore Manufacturing  
Federation (SMF)

**Board of Advisors  
Chairman**  
**Mr Valerio Nannini**  
Nestlé Singapore (Pte) Ltd

**Members**  
**Mr Douglas Foo, PBM**  
Sakae Holdings Ltd

**Mr Rowan Tan**  
DORMA Far East Pte Ltd

**Mr Ryan Chioh**  
FarEastFlora.com Pte Ltd

**Mr George Wong**  
Hoclink Systems & Services  
Pte Ltd

**Mr Saw Ken Wye**  
Microsoft Operations Pte Ltd

**Prof Tang Loon Ching**  
National University of  
Singapore

**Dr Prem Shamdasani**  
NUS Business School

**Mr Lim Kok Kiang**  
Singapore Economic  
Development Board

**Dr Woon Kin Chung**  
SPRING Singapore

**Mr Calvin Soh**  
Ninety Nine Percent Pte Ltd

**Ms Mette Kristine**  
Oustrup Business Innovation  
Culture Pte Ltd (BIC)

**Ms Gwendolyn Regina**  
Start-up & Entrepreneurship  
in South East Asia (SGE)

## Highlights

### About Singapore Innovation and Productivity Institute (SiPi)

SiPi believes that it is important to improve productivity innovatively and develop innovation productively. As such, SiPi's current focus is on Business Model Innovation (BMI), which emphasises on changing the mindset, human resources, organisational development and the corporate culture of manufacturing companies in Singapore. Through addressing business model issues such as the heavy dependency on foreign labour and companies playing the middleman role with little value proposition, SiPi provides a holistic and customised package on innovation and productivity to advance manufacturing companies in Singapore.

Moreover, with strong benchmarking services and sharing of best practices, SiPi also serves as an education hub to raise awareness on productivity initiatives. This is further accomplished through outreach events such as conferences, seminars, dialogues and research studies.



### Singapore Innovation and Productivity Conference 2012 and Launch of SiPi

SiPi was launched by Guest-of-Honour Mr Lee Yi Shyan, Senior Minister of State for Trade and Industry & National Development, in conjunction with the Singapore Innovation and Productivity Conference 2012 on 30 October 2012. More than 300 participants attended the conference with a solid repertoire of international speakers from the innovation and productivity fields.

### Think-Tank Dialogue 2013

The interactive dialogue session on 23 January 2013, presented and facilitated by Mr Valerio Nannini, Chairman of the SiPi Board of Advisors, saw more than 40 participants attending the event. Over the dialogue, participants learnt more about the role of innovation and productivity in market ideologies and practices and gained insightful information from a findings report conducted by Frost & Sullivan.



# Local and Overseas Partners of Singapore Manufacturing Federation

## Singapore

- 1 Australian Alumni Singapore
- 2 Consumers Association of Singapore (CASE)
- 3 DP Information Group
- 4 Food Industry Asia (FIA)
- 5 Food Innovation and Resource Centre, Singapore Polytechnic (FIRC) & Singapore Food Manufacturers' Federation (SFMA)
- 6 GS1 AISBL
- 7 Health Promotion Board
- 8 Intellectual Property Office of Singapore (IPOS)
- 9 JMA Consultants Inc, Singapore Branch
- 10 National University of Singapore (acting through The Logistics Institute - Asia Pacific)
- 11 NTUC Learning Hub Pte Ltd
- 12 Republic Polytechnic (RP)
- 13 Restaurant Association of Singapore
- 14 Singapore Corporation of Rehabilitative Enterprises (SCORE)
- 15 Singapore Environment Council
- 16 Singapore Environment Council & Temasek Polytechnic
- 17 Singapore Indian Chamber of Commerce and Industry (SICCI)
- 18 Singapore Workforce Development Agency (WDA) & Massey University
- 19 Specialists Trade Alliance of Singapore (STAS)
- 20 SPRING Singapore

## Americas

- 1 Banco Adolpho Oliveria (representing the Central East Trade Corridor; CETRAC)
- 2 Camara de Comercio Brasil - Cingapura
- 3 Camara de Comercio Exterior de Cordoba
- 4 Camara Nacional de la Industria de Transformacion
- 5 Canadian Manufacturer's Association
- 6 Confederacion de Camaras Industriales de los Estados Unidos Mexicanos
- 7 Confederation College
- 8 Corredor Centroleste
- 9 Guadalajara National Chamber of Commerce of Mexico
- 10 Oklahoma Alliance for Manufacturing Excellence, Inc.
- 11 Sociedad De Fomento Fabril
- 12 The Chamber of Commerce of Lima
- 13 The Dade Country Beacon Council
- 14 Trinidad & Tobago Manufacturers' Association
- 15 U.S. Department of Commerce (International Trade Administration)
- 16 Union Industrial Argentina

## ASEAN, Australasia & Oceania

- 1 Makati Business Club
- 2 Philippine Economic Zone Authority (PEZA)
- 3 Australian Chamber of Manufacturers and Singapore Manufacturers' Federation

- 4 Batam Industrial Development Authority
- 5 Chinese Filipino Business Club, Inc (CFBCI)
- 6 Federation of Malaysian Manufacturers
- 7 Indonesian Chamber of Commerce & Industry of North Sumatra
- 8 KADIN TK. I Sumatera Utara Perwakilan Kotamadya Medan (KADINDA Medan)
- 9 Kamar Dagang Dan Industri - KADIN (Indonesia Chamber of Commerce and Industry)
- 10 Kamar Dagang Industri Sumatera Barat (Chamber of Commerce and Industry of West Sumatra)
- 11 Metal Trades Industry Association of Australia (MTIA)
- 12 Phnom Penh Chamber of Commerce
- 13 Quezon Chamber of Commerce & Industry

## China & North East Asia

- 1 China Association of Industrial Economics (CAIE)
- 2 China National Chemical Information Center
- 3 China Wuhan General Chamber of Commerce
- 4 China-ASEAN Expo
- 5 Committee for the Promotion of International Trade, DPRK
- 6 Ehime International Business Association (EIBA)

## China & North East Asia (continued)

- 7 Fuzhou Investment Promotion Organisation
- 8 Hangzhou Federation of Industry and Commerce
- 9 Hebei Provincial Business Invitation & Co-operation Bureau of China
- 10 Hong Kong Chinese Enterprises Association Electronics Committee
- 11 International Investment Promotion Agency of Shandong Province
- 12 Ishikawa Machinery and Electronic Association
- 13 Jiangsu Federation of Chamber of Commerce and Industry
- 14 Kansai Economic Federation
- 15 Nakao Fusion Institute
- 16 Nanjing Federation of Commerce and Industry
- 17 Nantong Federation of Commerce and Industry
- 18 Shanghai Federation of Industry and Commerce
- 19 Singapore Chamber of Commerce (Hong Kong)
- 20 The Taiwan Electric Appliance Manufacturers' Association
- 21 Tianjin Chamber of Commerce and Industry
- 22 Xiamen Municipal Government of China
- 23 Yokohama Industrial Institute (YII)
- 24 Ningbo Foreign Trade & Economic Cooperation Bureau of China
- 25 Xian Investment Bureau of China

## Europe

- 1 Agency for the Promotion of Industry
- 2 Bulgarian Chamber of Commerce and Industry
- 3 Chamber of Commerce & Industry for Bedfordshire & District
- 4 Chamber of Commerce & Industry of Brasov
- 5 Confederation of Hungarian Employers and Industrialists (MGYOSZ)
- 6 Confederation of Industry of the Czech Republic
- 7 Confederation of Italian Industries (Confindustria)
- 8 Croatian Chamber of Commerce
- 9 Federation of Belgian Enterprises VBO - FEB
- 10 Federation of Hungarian Industrialists
- 11 Hungarian Chamber of Commerce
- 12 Independent Industrialists and Businessmen's Association (MUSIAD)
- 13 Romania Prahova County Chamber of Commerce
- 14 Russian Union of Industrialists and Entrepreneurs
- 15 Scottish Enterprise
- 16 Swiss-South East Asia Chamber of Commerce
- 17 The Chamber of Commerce and Industry of Romania and of Bucharest Municipality
- 18 The Chamber of Commerce and Industry of the Russian Federation

## India, Africa, Middle East and Central Asia

- 1 Association of Lebanese Industrialists
- 2 Bangladesh Chamber of Industries
- 3 Cairo Chamber of Commerce
- 4 Ceylon Chamber of Commerce
- 5 Chamber of Commerce and Industry of Uzbekistan
- 6 Confederation of Indian Industry (CII)
- 7 Dubai Chamber of Commerce and Industry
- 8 Federation of Chambers of Commerce of Egypt
- 9 Indian Chemical Manufacturers Association (ICMA)
- 10 Indian Merchants' Chamber
- 11 Jordanian Businessmen Association
- 12 Manufacturer's Association of Israel
- 13 Metropolitan Chamber of Commerce and Industry, Dhaka
- 14 National Association of Small & Cottage Industries of Bangladesh
- 15 Nepal Chamber of Commerce (NCC)
- 16 PHD Chamber of Commerce and Industry
- 17 Tehran Chamber of Commerce, Industries and Mines
- 18 The Federation of Pakistan Chambers of Commerce & Industry



## Mr George Huang, PBM, DSM

**President, Singapore Manufacturing Federation (SMF)**

**Chairman, Capacity and Capability Development Function Committee**

**Chairman, SMF Enterprises Pte Ltd**

**Chairman, SMF Education and Training Fund Trustees**

**Chairman, SMF Centre for Corporate Learning Pte Ltd, June 2010 – November 2012**

**Chairman, Board of Directors, GS1 Singapore Ltd, June 2010 – November 2012**

**Chairman, SMF Institute of Higher Learning Pte Ltd, June 2010 – November 2012**

**Chairman, Board of Directors, Singapore Innovation & Productivity Institute Pte Ltd, June 2010 – November 2012**

**Chairman, Steering Committee, SMF Standards Development Organisation, April 2011 – November 2012**

**Managing Director, Amoy Canning Corporation (S) Ltd**

- Honorary Consul-General of the Federal Democratic Republic of Ethiopia
- President, Chartered Management Institute Singapore Branch (CMI)
- Patron, Tampines Central Citizens' Consultative Committee
- Chairman, School Advisory Committee, Balestier Hill Secondary School
- Chairman, School of Humanities & Social Sciences, Temasek Polytechnic
- Chairman, Business Practices Committee, Consumer Association of Singapore (CASE)
- Chairman, Supervisory Committee, Singapore Amoy Association
- Chairman, Advisory Committee, Singapore Environment Council (SEC)
- Chairman, Singapore Business Advisors & Consultants Council
- Hon. Chairman, Nanyang Huang Clan Association
- Life Honorary Chairman, Singapore Amoy Association
- Hon. Director, Ee Hoe Hean Club
- Council Member, Malaysia-Singapore Business Council (MSBC)
- Advisor, Steering Committee, Council Member-Awards Council, International Management Action Award
- Committee member, Enterprise Development Advisory Council(EDAC), SPRING Singapore
- Member, Board of Governors, Temasek Polytechnic
- Member, Board of Governors, The Bankers' Club, Kuala Lumpur
- Council Member, Singapore Business Federation (SBF)
- Member, Small and Medium-Sized Enterprises Committee (SMEC), Singapore Business Federation
- Member, Tripartite Committee on Employability of Older Workers, Ministry of Manpower (MOM)
- Member, Singapore 50th Anniversary Celebrations Partnership Committee, Ministry of Social and Family Development (MSF)

- Own capacity
- On behalf of SMF

N.B For more details, visit [www.smfederation.org.sg/index.php/profile/council-members](http://www.smfederation.org.sg/index.php/profile/council-members)

## 2

## Mr. Douglas Foo, PBM

**Deputy President, Singapore Manufacturing Federation (SMF) (w.e.f. 1 Apr 2013)**

**Chairman, Singapore Innovation & Productivity Institute Pte Ltd**

**Director, SMF Centre for Corporate Learning Pte Ltd**

**Director, SMF Enterprises Pte Ltd**

**Director, SMF Institute of Higher Learning Pte Ltd**

**Director, GS1 Singapore Ltd**

**Trustee, SMF Education & Training Fund Trustees**

**Chairman, Sakae Holdings Ltd**

- Chairman, Radin Mas Community Club Management Committee (CCMC)
- Chairman, Food and Beverage Industry Skills and Training Council (F&B ISTC) – WDA
- Chairman, Business & Services Academic Advisory Committee (ITE)
- Chairman, Audit Sub-Committee of Alexandra Health Pte Ltd
- Chairman, Singapore Youth Award (SYA) Entrepreneurship Selection Board
- President, Red Swastika School Parents-Teachers Association
- Board Member, MILK (Mainly I Love Kids)
- Patron, Radin Mas Citizens' Consultative Committee (CCC)
- Patron, Siglap Citizen's Consultative Committee (CCC)
- Board of Governors, Singapore Arm Forces Reservist Association (SAFRA)
- Immediate Past Chairman, Franchising and Licensing Association (FLA)

- Own capacity
- On behalf of SMF

N.B For more details, visit [www.smfederation.org.sg/index.php/profile/council-members](http://www.smfederation.org.sg/index.php/profile/council-members)

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**Dr Moh Chong Tau, PBM**

**Honorary Secretary, Singapore Manufacturing Federation (SMF)**

**Chairman, SMF Institute of Higher Learning Pte Ltd**

**Chairman, Singapore Manufacturing Federation (SMF) Secretariat Management Committee**

**Chairman, Singapore Manufacturing Federation (SMF) Board of International Advisors**

**Function Committee**

**Director, SME Centre@SMF**

**President & CEO, Makino Asia Pte Ltd**

- Member, Business Advisor Registry Committee (SBACC)
- Council Member, Singapore Precision Engineering & Tooling Association (SPETA)
- Chairman, Industry Skills & Training Council (WDA)
- Chairman, Industry Advisory Committee for the Precision Engineering Centre of Innovation (SPRING/SIMTech – PE Centre of Innovation)
- Member, German Singapore Business Forum (SPRING Singapore)
- Honorary Patron, Loving Heart Multi Service Centre, Jurong Central

4

**Mr Philip Lee**

**Honorary Treasurer, Singapore Manufacturing Federation (SMF)**

**Chairman, SMF Finance Management Committee**

**Director, SMF Enterprises Pte Ltd**

**Director, SMF Institute of Higher Learning Pte Ltd**

**Director, SMF Centre for Corporate Learning Pte Ltd**

**Director, SME Centre@SMF**

**Trustee, SMF Education & Training Fund Trustees**

**Partner, KPMG LLP**

- Member of the Complaints and Disciplinary Panel of Accounting and Corporate Regulatory Authority since 2010

- Own capacity
- On behalf of SMF

N.B For more details, visit [www.smfederation.org.sg/index.php/profile/council-members](http://www.smfederation.org.sg/index.php/profile/council-members)

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**Dr Ahmad Magad, JP**

**Vice-President, Singapore Manufacturing Federation (SMF)**

**Chairman, Singapore Manufacturing Federation (SMF) Ethics &**

**Corporate Governance Function Committee**

**Chairman, Singapore Manufacturing Federation (SMF) Americas Regional Business Group**

**Group Managing Director, II-VI Singapore Pte Ltd**

- President, Singapore Productivity Association, since October 1999
- Advisor, Singapore Malay Chamber of Commerce and Industry
- Director, Singapore Institute of Directors
- Chairman, MDIS Academic Advisory Board
- Chairman, MDIS Senate
- Member, Singapore Workforce Development Agency (WDA)
- Member, National Productivity and Continuing Education Council
- Member, Business Advisor Registry Committee
- Member, Mendaki Holdings

6

**Mr Simon Li Suet Man**

**Vice President, Singapore Manufacturing Federation (SMF)**

**Chairman, Singapore Manufacturing Federation (SMF) Global Business Groups**

**Function Committee**

**Chairman, Singapore Manufacturing Federation (SMF) China and North East Asia Regional Business Groups**

**Honorary Chairman, Energy & Chemicals Industry Group**

**CEO, Feoso Oil (Singapore) Pte Ltd**

- Member, Workplace Safety and Health Council (WSHC) - Chemical Industries Committee, since 2009
- Chairman of Energy Supply Taskforce, Energy Standards Committee, Singapore Standards Council since April 2011
- Member, Council Committee for Laboratory Accreditation, Singapore Accreditation Council, since July 2012
- Member, Singapore-Shandong Business Council, since July 2012
- Chairman, Global Business Opportunities Forum, Global Entrepolis @ Singapore, since 2006
- Life Member, Beta Gamma Sigma, The International Honor Society, since 2007
- Advisor, Nanning International Chamber of Commerce since 2010
- Economic Advisor, Shandong Rizhao International Ocean City since July 2013

- Own capacity
- On behalf of SMF

N.B For more details, visit [www.smfederation.org.sg/index.php/profile/council-members](http://www.smfederation.org.sg/index.php/profile/council-members)

## 7 Mr Low Beng Tin, BBM

**Vice-President, Singapore Manufacturing Federation (SMF)**

**Chairman, SMF Centre for Corporate Learning Pte Ltd**

**Chairman, SMF Global Pte Ltd**

**Trustee, SMF Education & Training Fund Trustees**

**Chairman, SMF ASEAN, Australasia and Oceania Regional Business Groups**

**Managing Director, Oakwell Engineering Limited**

- Chairman, Nanyang Citizens' Consultative Committee (CCC) since 2008
- Patron, Nanyang Community Club Management Committee (CCMC) since 2006
- Patron, Nanyang Community Club Building Fund Committee (CCBFC) since 2010
- Vice-Chairman, Pioneer Secondary School Advisory Committee since 2009
- Automobile Association of Singapore (AAS) since June 2008
  - Deputy-President, General Committee
  - Vice-Chairman, Strategic Planning Sub-Committee
  - Chairman, Investment Sub-Committee
  - Vice-Chairman, Nomination Sub-Committee
  - Committee Member, Corporate Governance Sub-Committee
  - Committee Member, Corporate Development Committee Sub-Committee
- Chairman, Autoswift Recovery Pte Ltd, since 2008
- Member, General Council, National Arthritis Foundation, Singapore, since 2005
- Council Member, Singapore Road Safety Council (SRSC)

## 8 Mr Renny Yeo, PBM

**Honorary President, Singapore Manufacturing Federation (SMF)**

- Chairman, Protem Committee on Productivity for Manufacturing and Logistics sectors, since December 2012
- Committee Member, SMF Americas Regional Business Group, since April 2013
- Board Member, SPRING Singapore, since April 2013
- President, The Singapore National Committee of The International Electrotechnical Commission [SNC(IEC)], since April 2011
- Chairman, Singapore Accreditation Council (SAC), since April 2009
- Council Member, Standards Council (SPRING Singapore), since 1995
- Director, Singapore Business Advisors & Consultants Council, since August 2012
- Patron of the SPA, Singapore Productivity Association, since April 2006
- President, Dunearn Tech-Greenridge Alumni Association

- Own capacity
- On behalf of SMF

N.B For more details, visit [www.smfederation.org.sg/index.php/profile/council-members](http://www.smfederation.org.sg/index.php/profile/council-members)

## 9 Mr Sunny Koh, PBM

**Chairman, Singapore Manufacturing Federation (SMF) Membership & Industry Groups Function Committee**

**Chairman, User Board, GS1 Singapore Ltd**

**Honorary Chairman, Food & Beverage Industry Group**

**Managing Director, Chinatown Food Corporation Pte Ltd**

- Deputy Chairman, Singapore Packaging Agreement Governing Board, National Environment Agency, since 2007
- Member, Food Standards Committee, SPRING Singapore, since 2007
- Advisory Board Member, Food Innovations and Resources Centre, SPRING Singapore / Singapore Polytechnic, since 2007
- Co-Chairman, Task Force on Import & Export Related Matter, Agri-Food & Veterinary Authority of Singapore (AVA), since 2009
- Co-Chairman, Task Force on Consumer Education on Food Safety, Agri-Food & Veterinary Authority of Singapore (AVA), since 2009
- Vice Chairman, Ulu Pandan Community Club Management Committee, Grassroot since 1997
- Committee Member, Wellness@Ulu Pandan Community Club, since 2008
- Member, Manufacturing Generic Skills Validation Council, Workforce Development Agency (WDA), since 2011
- Member of the Public Consultation Panel (New Hawker Centre), National Environment Agency (NEA), since Dec 2011
- Member, Singapore Packaging Agreement Governing Board

- Own capacity
- On behalf of SMF

N.B For more details, visit [www.smfederation.org.sg/index.php/profile/council-members](http://www.smfederation.org.sg/index.php/profile/council-members)



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**Mr Birch Sio**

**Chairman, Singapore Manufacturing Federation (SMF) Health, Safety, Security & Environment Function Committee**

Managing Consultant & Director, Concord Associates Pte Ltd

- Member, Management Systems Standards Committee, SPRING Singapore
- President, Association of Safety Auditing Firms, Singapore, since January 2008
- Committee Member – SPRING Occupational Safety And Health Management Technical Committee (OSHMTC), since 2007
- Member of the Total Defence Awards Committee, MINDEF Singapore (2011 – 2013)
- Adjunct Associate Professor, School of Public Health, Faculty of Health Sciences, Curtin University of Technology, Perth, Australia

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**Mr Valerio Nannini**

**Chairman, Singapore Manufacturing Federation (SMF) Innovation & Productivity Function Committee**

**Chairman, Board of Advisors & Director, Singapore Innovation & Productivity Institute Pte Ltd**

Managing Director, Nestlé Singapore (Pte) Ltd

- Board member of the National Research Foundation from 1st October 2011 to 30th September 2013
- Member of Board of Directors (Health Promotion Board), since March 2012
- Member of Board of Directors (Italian Chamber of Commerce), since March 2012
- Member of the 28th SEA Games Steering Committee, since June 2012

- Own capacity
- On behalf of SMF

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**Mr Saw Ken Wye**

**Chairman, Singapore Manufacturing Federation (SMF) Information & Communications Technology (ICT) & New Technologies Function Committee**

VP, Public Sector, Asia, Microsoft Operations Pte Ltd

- Honorary Chairman, Executive Council, Chartered Management Institute Singapore
- Chairman, InfoComm Technology Advisory Committee, Ngee Ann Polytechnic
- Chairman, Electronics & Infocomm Technology Academic Advisory Committee, Institute of Technical Education

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**Mr Ryan Chioh**

**Chairman, Singapore Manufacturing Federation (SMF) Public Relations & Corporate Communications Function Committee**

Managing Director, FarEastFlora.com Pte Ltd

- CSR Vice Chair, North East CDC
- Honorary Secretary, Interflora

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**Mr Rowan Tan**

**Chairman, Building Products & Construction Materials Industry Group, Singapore Manufacturing Federation (SMF)**

Regional Director – Far East, DORMA Far East Pte Ltd

- Member of Board of Directors, National Fire and Civil Emergency Preparedness Council (NFEC), since 29 August 2006
- Chairman of Industrial Premises Committee of NFEC

- Own capacity
- On behalf of SMF

15

**Mr Tay Jih-Hsin**

**Chairman, SME Centre@SMF**  
**Chairman, Standards Development Organisation (SDO),**  
**Singapore Manufacturing Federation (SMF)**  
**Director, Singapore Innovation & Productivity Institute Pte Ltd**  
**Chairman, Electrical, Electronics and Allied Industries Industry Group,**  
**Singapore Manufacturing Federation (SMF)**  
**Managing Director, Swee Hin Power Systems Pte Ltd**

- Member, National Committee of Engineering Organisations (NCEO)
- Member, Electrical and Electronics Standards Committee (EES) and Singapore National Committee for the International Electrotechnical Commission (SNCIEC)

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**Mr Cheong Chung Kin**

**Chairman, Food & Beverage Industry Group, Singapore Manufacturing Federation (SMF)**  
**CEO, Win Sin (Pte) Ltd**

- Member, Taskforce on Consumer Education on Food Safety

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**Mr Alok Mishra**

**Chairman, Singapore Manufacturing Federation (SMF) India, Africa, Middle East and Central Asia Regional Business Group**  
**Chairman, MedTech & Life Sciences Industry Group,**  
**Singapore Manufacturing Federation (SMF)**  
**Vice President, Strategic Business Systems, Johnson & Johnson Pte Ltd**

- Member, Silver Industries Standards Committee (SISC) from 1 April 2011 – 31 March 2014

- Own capacity
- On behalf of SMF

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**Mr John Kong**

**Chairman, Metal, Machinery & Engineering Industry Group,**  
**Singapore Manufacturing Federation (SMF)**  
**Managing Director, M Metal Pte Ltd**

- Member, WSHC (Metalworking and Manufacturing) Committee since February 2013
- Member, Standards Council Strategic Planning Focus Group for Engineering Services since October 2012
- Chairman, Standards Protem Committees – Productivity – Building Products Focus Group since December 2012
- Member, Singapore Standards SS370 and CP 89 since August 2012

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**Ms Annabelle Tan**

**Chairman, Packaging Council of Singapore Industry Group,**  
**Singapore Manufacturing Federation (SMF)**  
**Managing Director, Brite Konzept Pte Ltd**

- Management Committee Member, Singapore Productivity Association, since September 1991
- Representative in SME Financing Sub-Committee under SME committee, Singapore Business Federation
- Representative in Taxpayer Feedback Panel
- Member, Singapore Packaging Agreement Governing Board

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**Mr Tsang Kwan Lung**

**Council Member, Singapore Manufacturing Federation (SMF)**  
**Honorary Chairman, Electrical, Electronics and Allied Industries Industry Group,**  
**Singapore Manufacturing Federation (SMF)**  
**Director & General Manager, GP Batteries International Limited**

- Deputy Chairman of the Standards Council, 1 April 2011 – 31 March 2014
- Member, Singapore Accreditation Council, 1 April 2012 – 31 March 2015
- Board member of the GS1 Singapore Limited, 1 June 2010 – 30 June 2012
- Committee member of the Hong Kong - Singapore Business Association, 1 June 2010 – 30 June 2012

- Own capacity
- On behalf of SMF

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**Mr George Wong, PBM**

**Council Member, Singapore Manufacturing Federation (SMF)**

Managing Director & Principal Consultant, Hoclink Systems & Services Pte Ltd

- Management Committee, Singapore Productivity Association (SPA)
- Chairman, Singapore Polytechnic Industrial Management Alumni Association (SPIMA)
- President, Institution of Management Consultants, Singapore (IMCS)
- Chairman, Pacific Resource Exchange Center (PREX) Alumni Association of Singapore
- Honorary Secretary, Chartered Management Institute (CMI), Singapore

22

**Mr Adam Hamid**

**Council Member, Singapore Manufacturing Federation (SMF)**

Managing Director, Naina Mohamed & Sons Pte Ltd

- Representative in IRAS Taxpayer Feedback Panel

23

**Mr Patrick Chang How Wan**

**Council Member, Singapore Manufacturing Federation (SMF)**

**Chairman, GS1 Singapore Ltd**

Managing Director, Paclin Office Products Pte Ltd

- Council Chairman, MCST 2568
- Honorary Secretary, Security System Association of Singapore (SSAS)

- Own capacity
- On behalf of SMF

24

**Mr Tan Boon Chong**

**Council Member, Singapore Manufacturing Federation (SMF)**

General Manager/Standards and Certification Manager,  
Schneider Electric Singapore Pte Ltd

- Chairman, Technical Committee: IEC TC 111 (Environmental Standardisation for Electrical and Electronic Products and Systems), SPRING Singapore
- Convenor, Working Group (WG) Plugs, Switches and Socket-Outlet, SPRING Singapore
- Council Member, Singapore Accreditation Council (SAC), SPRING Singapore
- Singapore Delegate, IECEE: Committee of Testing Laboratories (CTL – CB Scheme), IECEE: Certification Management Committee (CMC), ASEAN Consultative Committee for Standards & Quality (ACCSQ), SPRING Singapore
- Singapore Delegate, ASEAN Joint Sectoral Committee (JSC): Electrical & Electronic Equipment (EEE) MRA, SPRING Singapore
- Singapore Delegate, APEC Sub-Committee on Standards and Conformance (SCSC): Joint Advisory Committee (JAC) on Conformity Assessment of Electrical and Electronic Equipment (EEE), SPRING Singapore
- Advisor - WG 3: Plugs, Socket-Outlets & Switches (IEC TC SC 23B), Malaysia
- Chairman, Technical Committee for Electrical Accessories and Electric Cables, SPRING Singapore
- Vice Chairman, Technical Committee for Electrical Appliances (IEC TC 61), SPRING Singapore
- Singapore Expert - IEC TC SC 23B MT4 (Plugs, Socket-Outlet & Switches) - SPRING Singapore
- Member, Singapore National Committee (SNC)
- Member, Electrical & Electronic Standards Committee (EESC), SPRING Singapore
- Member, Technical Committee Electronic Vehicle Charging Station, SPRING Singapore
- Member, SMF Standards Development Organisation (SMF-SDO)

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**Mr Lim Meng Wee**

**Council Member, Singapore Manufacturing Federation (SMF)**

Managing Director, SP Consulting (International) Pte Ltd

- Member, SPRING Singapore Technical Committee, SS540 and SS ISO22301
- Chairman, Queenstown Primary School Advisory Committee, since 2003
- Deputy Registrar of Marriages since 2005
- Ex-Co Member, Business Continuity Group, Singapore Computer Society
- Independent Director, PNE Industries Ltd

- Own capacity
- On behalf of SMF





## SMF House

With the commencement of a new chapter celebrating an illustrious 80 years of history with a name change and a newly revamped logo, Singapore Manufacturing Federation (SMF) moved to its new home at Jalan Bukit Merah, known as SMF House, on 25 June 2012.

The Federation continues to transform itself from an industry association to national institution with a manufacturing base while remaining committed to creating values for SMF members. The Federation's new name, Singapore Manufacturing Federation (SMF), symbolises the Federation's all-encompassing role in today's economy and embraces the entire supply chain of the manufacturing industry.

From 3 separate locations, all departments are now under one roof in SMF House. While retaining the separate identity of 6 Centres of Excellence and 5 Corporate Divisions, the Secretariat works collaboratively as one corporate body under the banner of SMF. SMF house is expected to serve at least 160 employees and 3,000 corporate members. In addition, approximately 10,000 adult learners and 3,000 students will benefit from SMF House annually.



**Singapore Manufacturing Federation**

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