



**Singapore
Manufacturing
Federation**
新加坡制造商总会

Welcome to SMF's Energy & Chemicals Industry Group

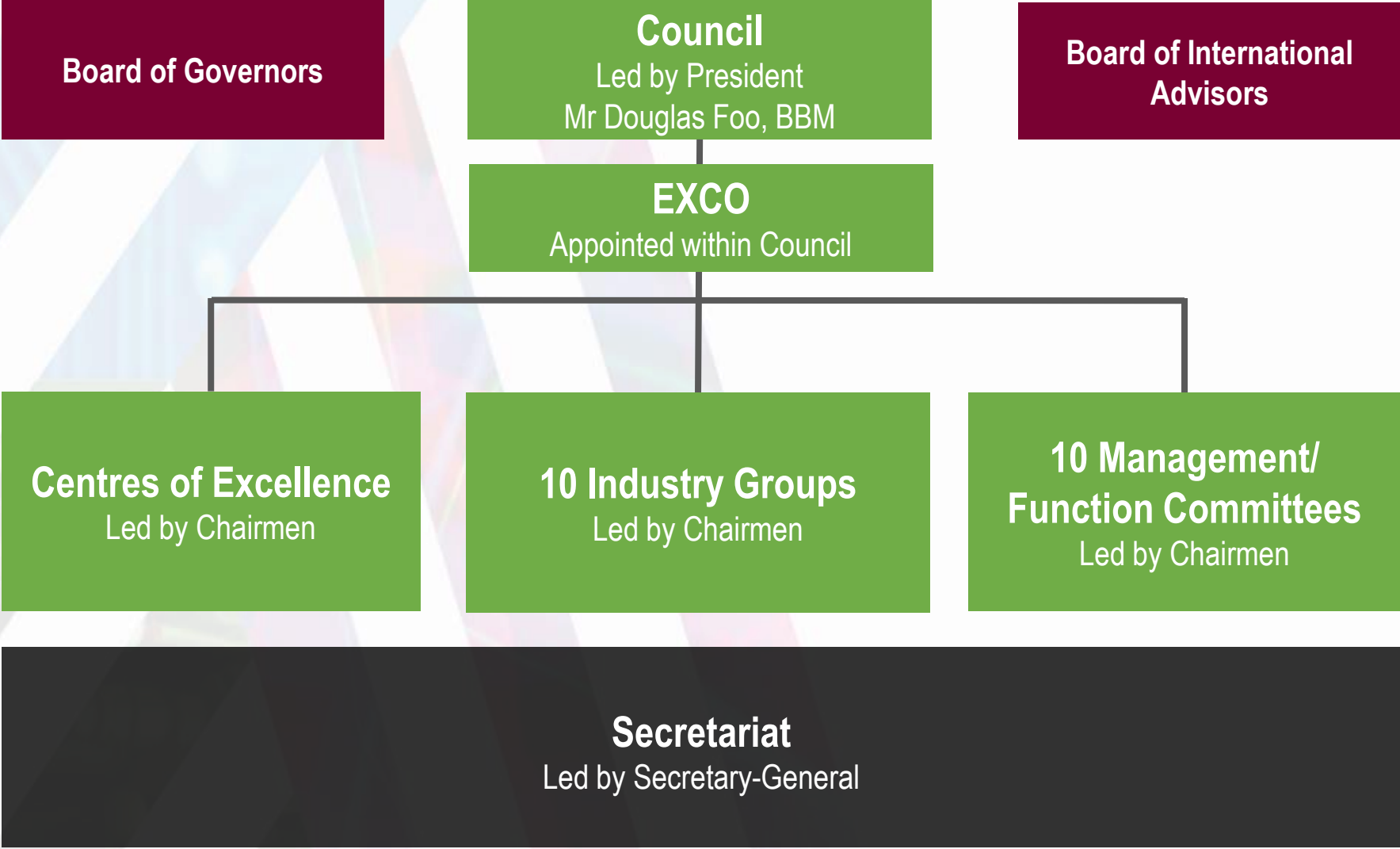
Our Vision

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

Our Mission

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

Organisational Structure





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Energy & Chemicals Industry Group



**Singapore Manufacturing
Federation (SMF)**

Ten Verticals In SMF

Energy & Chemicals (E&C)



Sub Industry Group(s):

- Cleaning & Materials Protection Committee (CAMP)



Food & Beverage



Building Products & Construction Materials



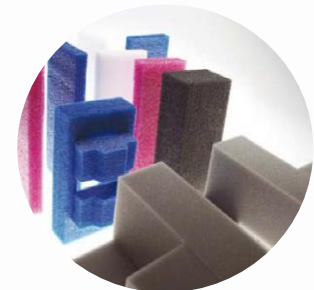
Electrical, Electronics & Allied Industries



Lifestyle



Smart Automation



Packaging Council of Singapore



Life Sciences



Medical Technology



Metal, Machinery & Engineering

Energy & Chemicals Industry Group



MR. SIMON LI

Chairman,
Energy & Chemicals
Industry Group

Chief Executive Officer,
Feoso Oil (Singapore) Pte. Ltd

- Led by Mr. Simon Li of Feoso Oil (Singapore) Pte Ltd
- First formed in 2006
- Formerly known as the Oil & Gas and Related Industries industry group
- Envisions to serve the community of Singapore-based companies involved in oil, gas and chemicals manufacturing
- **De facto voice** of the E&C sector in Singapore

Commitments of the E&C Industry Group

1. **Promoting the growth and advancement of the E&C sector in Singapore**

2. **Promoting the safety and protection of the operating and processing environment of the E&C industry**

8. **Encouraging goodwill amongst members of the E&C sector**

3. **Proactively engaging the Government of Singapore and other relevant public bodies to promote investments and advance the E&C sector**

7. **Participating in the national dialogue as a constructive voice on legislative issues that have an impact on the E&C sector**



4. **Representing and facilitating the E&C sector in cross-border interactions through the appropriate forums regionally and internationally**

5. **Advocacy of R&D and the collection and dissemination of statistics and information within the E&C sector**

6. **Giving voice and representation to members of the E&C industry group**



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Organisational Structure (2016 – 2018 Term)

Organisational Structure of E&C

CHAIRPERSON

MR. SIMON LI

CEO, Feoso (Singapore) Pte Ltd

DEPUTY CHAIRPERSON

MS. FOO MAY LING

General Manager, Enviro Gas Pte Ltd

VICE CHAIR, MEMBERSHIP

MR. SENTHIL KUMAR

General Manager,
iSwitch Pte Ltd

VICE CHAIR, EVENTS

MS. GERALDINE TAN

General Manager,
PacificLight Energy Pte Ltd

VICE CHAIR, CAMP

DR. KHOO KENG MENG

Head of Regulatory (Asia Pacific)
Arch Chemicals Singapore Pte Ltd

COMMITTEE MEMBERS

MS. ELLEN TEO

CEO,
Sembas (Asia) Trading Pte Ltd

MR. CHAU TAK VUI

Managing Director,
McKinn International Pte Ltd

MR. COLLIN LIM

Technical Director,
Chemicals Industries (Far East) Ltd

MR. MATTHEW KAM

Vice President,
SME & Consumer Sales
Senoko Energy Supply Pte Ltd

DR SEE SOO LOI

CEO,
NSL Chemicals Ltd

MR. PAUL SOH

General Manager,
Hydratech Industries Pte Ltd

MR. SANJAY TRIVEDI

Chairman,
Technithon International Pte Ltd

MR. MICHAEL WONG

General Manager,
Tuas Power Supply Pte Ltd



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Prominent Members of E&C

ExxonMobil

Energy lives here™



Mitsui Chemicals



LISAM SYSTEMS
Global IT Solutions in Environment, Health & Safety



SPC

Senoko
energy

Lonza



TOTAL



sembcorp

ECOLAB®



SANKYU
SINGAPORE

HUNTSMAN



VEOLIA
ENVIRONMENTAL
SERVICES



SUMITOMO

CRODA

SINOPEC

 长城润滑油

FUJIFILM

3M



LOGISTICS

Keppel
Corporation

Infineum 



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Past E&C IG Activities





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Going Forward: Energy & Chemicals IG (2018 – 2020 Term)

1. OIL & GAS



2. POWER GENERATION



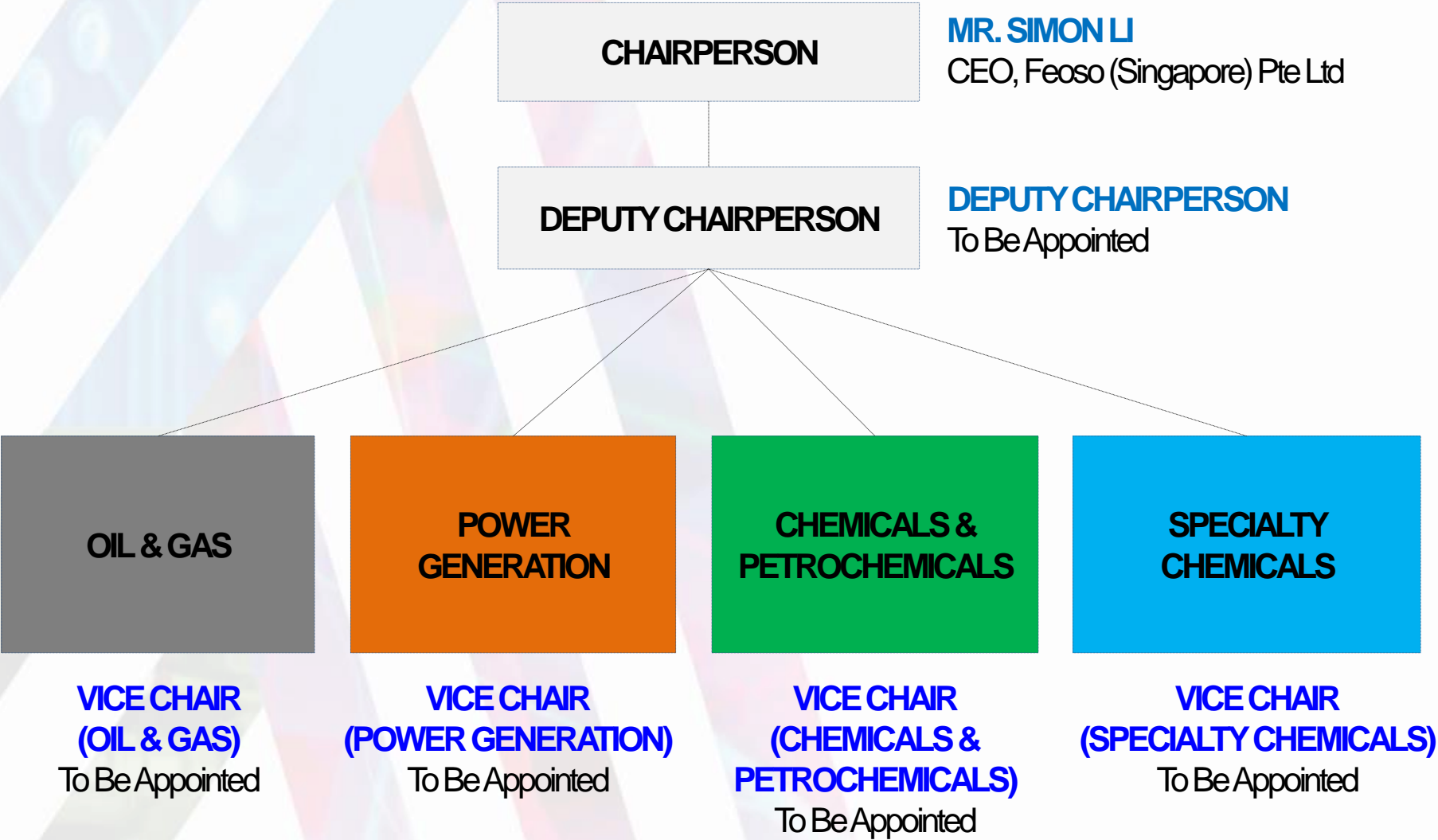
4 SUB INDUSTRY GROUPS

3. CHEMICALS & PETROCHEMICALS



4. SPECIALTY CHEMICALS







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What is CAMP?

Energy & Chemicals (E&C)



CAMP Sub-Industry Group



- **Formed under SMF's Energy & Chemicals (E&C) industry group**
 - First formed as a product safety group formed by a group of cleaning product manufacturers
 - Today, CAMP has grown to become a sub-industry group with a wide array representation from multiple stakeholders
 - From the 2018 term onwards, CAMP will come under the care of the Specialty Chemicals sub-industry group which will be led by Dr. Khoo Keng Meng of Arch Chemicals (Lonza)
- **CAMP's Ethos**
 - CAMP aims for a **pragmatic way** to protect consumers from chemical risks
 - CAMP aims to raise and maintain standards **through voluntary initiatives, rather than regulation**

Energy & Chemicals (E&C)



CAMP Sub-Industry Group



- **Vision of CAMP:**
 - *'For A Greener, Cleaner & Safer Singapore'*
- **Mission/Charter of CAMP:**
 - ❖ To support **common industry interests**, **facilitate** competitiveness and growth by **enhancing health, safety** and **sustainability** of products and practices

Energy & Chemicals (E&C)



CAMP Sub-Industry Group



➤ Commitments of CAMP:

- 1) ***Raising awareness on chemical risks and material protection***
- 2) ***Protecting Consumers from chemical risks through a pragmatic approach***
- 3) ***Building public trust in our industry***
- 4) ***Promoting innovation through industry-wide cooperation***
- 5) ***Intelligence sharing and advocacy to ensure industry's interests are represented in the appropriate forums in Singapore and across the regions***

Energy & Chemicals (E&C)



CAMP Sub-Industry Group



➤ Purpose/Terms of Reference of CAMP

- 1) *Representing the needs of the industry*
- 2) *Ensuring quality and safe products for consumers/institutional customers.*
- 3) *To be a voice for the industry to promote the quality and safety of cleaning, hygiene products and material protection*
- 4) *To encourage greater sharing of best practices across the industry groups to be competitive*
- 5) *To build this platform for discussions of industry issues and collaboration to benefit Singapore consumers and end-users.*



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The CAMP Committee (2016 – 2018)

CLEANING & MATERIALS PROTECTION COMMITTEE

(2016 – 2018)

DR. KHOO KENG MENG

Chairman, CAMP Committee
Head of Regulatory Assurance (Asia Pacific),
Arch Chemicals Singapore Pte Ltd

MR. ALBERT KHOO

Lead for Regulatory & Scientific Affairs, CAMP Committee
Business Development Manager, 3M Singapore Pte Ltd

COMMITTEE MEMBERS:

MR. KOH YEW HIAP

Committee Member, CAMP
Managing Director, UIC

MR. ADAM SHAHUL HAMID

Committee Member, CAMP
Managing Director, Naina Mohamed & Sons

MS. ZHANG JIA LIN

Committee Member, CAMP
Director, Inflo Health Science

MR. SIEW KWOK SIONG

Committee Member, CAMP
Deputy Head, Marketing & Communications
Consumers Association of Singapore (CASE)

MR. ANG CHIN GUAN

Committee Member, CAMP
Principal Engineer, 3M Singapore

MR. LIM LEE LIAN

Committee Member, CAMP
Regulatory Affairs Manager, Ecolab

MR. ALVIN TAN LEONG KIAT

Committee Member, CAMP
Regulatory Affairs Specialist,
Nalco Champion

CLEANING & MATERIALS PROTECTION COMMITTEE

(2016 – 2018)

COMMITTEE OBSERVERS:

MS.TAN SHIUH MING
Standards Development Organisation
Singapore Manufacturing Federation

MR. LI JIA
Procter & Gamble

MR. PETER MURPHY
Croda Singapore Pte Ltd

MR. NELSON TAN
Arch Chemicals Singapore Pte Ltd

MR. ZHANG XIAO
Fortune Fountain Pte Ltd

MR. KENNETH CHENG
Lisam Systems Pte Ltd

MS. VALERIE CHEVALIER
Lisam Systems Pte Ltd

MR. RYAN LIM
River East Pte Ltd

MS. ONG YUAN YNG



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Purpose of CAMP

‘First-of-its-kind’, ‘A Concerted Industry Voice’

The CAMP committee is the **first of its kind in Singapore** to produce a **concerted industry voice** to promote the **quality and safety standards** of **cleaning and materials protection products**.

SMF provides a great forum for such an initiative with opportunities for business matching among its 3,000 corporate members comprising small and medium enterprises and multinational corporations.



Mr. Simon Li

Chairman

Energy & Chemicals Industry Group

Singapore Manufacturing Federation

On Singapore's Reliance On Regional & Global Trade:

“We have seen that if we become too restrictive then trade is impacted. We want to **protect consumers and workers**, but we want to do it in a **pragmatic way**.”

On The Need For Establishing The CAMP Committee:

“Cleaning products are everywhere and yet, there is **no trade association or platform** representing this **segment** of the **industry**. That was a **key motivation** for SMF [to set up CAMP].”



Dr. Khoo Keng Meng
Chairman of CAMP Committee
Head of Regulatory Affairs,
Arch Chemicals Singapore Pte Ltd

On The Global Regulatory Landscape For Cleaning & Hygiene Products

“We need to ensure the **right degree** of human and environmental **safety protection**, while also reviewing the **learnings from implementing regulations** in other regions. **We do not want to end up with any trade barriers, and prohibitive regulation schemes.**”

Mr. Rajnish Maharaj
Ecolab Pte Ltd

Milestones of CAMP

- **Toxicological Risk Assessment Product Safety Forum 2017**
- **Asia-Pacific Risk Assessment & Safer Products Forum 2017**
 - Held on the 15th February 2017 at Marina Mandarin
- **Letter of understanding (LOU) signed between SMF and Chemical Watch**
 - 23rd August 2016
- **Workshop on Understanding Cleaning Products Regulatory, Quality, Safety & Sustainability Simplified**
 - Held at Suntec City Convention Hall on 2nd October 2015
- **CAMP Webinar: Product Carbon Footprint & Greenhouse Gas (GHG) Accounting & Management**
 - Held on the 17th September 2015



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Why Join SMF?

150

E&C Members

10

Function
Committees
(Horizontal)

10%
MNCs &
GLCs

90%
SMEs

>3,000

corporate members

10

Industry Groups
(Verticals)

Manufacturing
Industries

Manufacturing
-Related
Industries

Entire spectrum of Singapore's manufacturing sector

Why Join The Industry Group?

1) Effective & Respected Advocate

- SMF is an **important player** in the **national dialogue**
- **SMF's E&C IG** is your **voice & representation** in the Energy & Chemicals (E&C) Industry
- The CAMP sub-industry group is the **only committee of its kind** which promotes the interests of the cleaning materials industry
- **Access to policymakers** and **regulators** in **closed-door** dialogue sessions
- SMF has an **established history** – **86 years of existence** (since 1932)

Why Join The Industry Group?

2) Government-backed National Institution

- SMF was recognised and **given the status of a ‘trade federation’** in 2013 by Prime Minister Lee Hsien Loong
- **Supported** by the Ministry of Trade & Industry (**MTI**) and the Economic Development of Singapore (**EDB**)
- **Access to ministerial-led** business and **international trade missions/delegations**
- SMF was identified as an **important stakeholder within the E&C industry** in MTI’s Industrial Transformation Roadmap (ITM) and inter-governmental agency’s (FEC) ‘Report of the Committee of Future Economy’
- **Access** to government **grants** / SME assistance schemes

Why Join The Industry Group?

3) SMF Open Doors For Your Business

- **Interact** with peers, competitors, prospective collaborators and clients
- **Platform** to enhance your business's presence and visibility, e.g. by speaking at functional committee or IG meetings and events.
- Monthly **TGIF@SMF** Networking Event
- **Europe Enterprise Network (EEN)**
- 9 Centres of Excellence
- **NEST@SMF** – *Incubation Programme For Start-ups*

Why Join The Industry Group?

4) Effective & Competent Secretariat

- **TAC** with the **largest secretariat staff**
- 10 horizontal functional committees to connect with the rest of the other 9 verticals / industry groups
- **Roadmap 2020**
 - SMF's strategic vision & plan for the next 3 years
 - Lays out the federation's initiatives with respect to the following areas:
 - Global, National, Industry, Sector, ASEAN, Secretariat

Why Join The Industry Group?

SMF's Energy & Chemicals Industry Group

- 1) Effective & Respected Advocate
- 2) Government-backed National Institution
- 3) Open Doors For Your Business
- 4) Effective & Competent Secretariat





**Standards
Development
Organisation**



SiPi
SMF Singapore Innovation
& Productivity Institute



CCL
SMF Centre for
Corporate Learning



SME
Centre@SMF

9

Centres of Excellence



Singapore



Singapore
PMC
Certification

**MADE IN
SINGAPORE**
Certificate
of
Origin



Business Support on Your Doorstep



SMF Standards Development Organisation



SMF-SDO is a member of the E&C's CAMP Committee



NEST@SMF

Financial Services

- Banks offer micro loans
- M&A consultation

- SMF consultants to improve business model

Government Support

- ESG, IMDA, SSG, WSG, IPI

IPOS

- Startups (New or Existing) (Local or foreign)
- Cluster of SMEs
- Potential Merger & Acquisition

- Incubating next Unicorn
- Stronger Startups Pro Business Model
- Dynamic Startup Community
- Test out solutions by SMF members
- Actualised Merger & Acquisition



Other Incubation Centres

Investors

- VC, Angel Investors

SMART INCUBATING ECO-SYSTEM

(Free desking and spacing)

Advanced Tech Solutions

- A*STAR, Universities, Polys



KNOWLEDGE

TRANSFER

- *MONTHLY THEME*
- *MOST POPULAR GRANTS AND SCHEMES*

NEST @ SMF

- *STARTUP PRESENTATIONS (INCLUDING THOSE FROM OTHER INCUBATORS)*

SG SHOWCASE

- *LOCAL INVENTIONS*

TGIF @ SMF

Building a Pro-Business Community

NETWORKING

- *MEMBERS & NON-MEMBERS*
- *GOVERNMENT / STATUTORY BOARDS / IHLS / TACS (LOCAL & FOREIGN)*

MEMBERS' SHOWCASE

- *PRODUCTS & SERVICES*

last Friday every month

Secretariat Information

Energy & Chemicals **(E&C)** Industry Group
Cleaning & Materials Protection Sub-Committee **(CAMP)**

Please contact:

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Executive, Membership & Industry Groups

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