

BOARD CHANGES AT FOUR ECONOMIC AGENCIES

The Ministry of Trade and Industry (MTI) today announced board appointment changes at four economic agencies, namely the Agency for Science, Technology & Research (A*STAR), Energy Market Authority (EMA), JTC Corporation and Sentosa Development Corporation (SDC).

New Appointments

2. The new board members in the respective agencies are:

A*STAR (with effect from 1 Feb 2017)

- Dr Omkaram Nalamasu, Senior Vice President and Chief Technology Officer, Applied Materials and President, Applied Ventures LLC
- Professor Siegfried Russwurm, Member of Managing Board, Siemens AG
- Mr William A. Hawkins III, Senior Advisor Essex Woodlands Capital, Corporate Director, and Retired Chairman and Chief Executive Officer, Medtronic
- Professor Lily Kong, Provost, Singapore Management University and Lee Kong Chian Chair for Social Sciences
- Professor Barry Halliwell, Chairman, Biomedical Research Council, A*STAR and Senior Advisor to President, National University of Singapore

EMA (with effect from 1 Apr 2017)

- Dr Liew Ah Choy, Chief Executive Officer, EquiVolt Pte Ltd

JTC (with effect from 1 Apr 2017)

- Mr Ng Chee Keong, Chairman, Jurong Port Pte Ltd
- Ms Kwa Kim Li, Managing Partner, Lee & Lee Advocates and Solicitors
- Mr Vincent Chong Sy Feng, President and Chief Executive Officer, ST Engineering Ltd
- Ms Jeanette Wong Kai Yuan, Group Executive, Institutional Banking Group, DBS
- Madam Lai Wei Lin, Deputy Secretary (Policy), Ministry of Education

SDC (with effect from 1 Apr 2017)

- Mrs Diana Ee-Tan, Chairman, Mount Faber Leisure Group Pte Ltd
- Mr Eugene Ho, Chief Strategy Officer, Deloitte South East Asia; Managing Director, Deloitte Consulting Singapore; Consumer & Industrial Products Industry Leader, Deloitte Southeast Asia

In Appreciation

3. The following Board Members will also step down upon the completion of their term.

A*STAR

- Professor Sir George Radda, Former Chairman, Biomedical Research Council, A*STAR and Emeritus Professor of Molecular Cardiology, University of Oxford
- Dr Sun Shih-Wei, Chairman, Sunterprise Pte Ltd
- Professor Jonathan Knowles, Finnish Distinguished Professor, Institute for Molecular Medicine, Finland
- Mr Lam Yi Young, Deputy Secretary (Industry Transformation), Ministry of Trade and Industry

EMA

- Mr Chang Meng Teng, Chairman, Squire Mech Pte Ltd

JTC

- Mr Danny Teoh, Former Managing Partner, KPMG
- Mr Tan Chee Meng, Deputy Chairman, WongPartnership LLP
- Mr Augustin Lee, Deputy Secretary, Ministry of Manpower

SDC

- Ms Kwa Kim Li, Managing Partner, Lee & Lee Advocates and Solicitors
- Mr Chaly Mah Chee Kheong, Chairman, Singapore Tourism Board

4. MTI would like to thank all the outgoing Board Members for their contributions and welcome the new board members to the agencies.

(A write-up of the new board members and the full list of Board Members of the agencies can be found in the Annexes.)

MINISTRY OF TRADE AND INDUSTRY
29 March 2017

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Annex A

A*STAR - New Board Members

Dr Omkaram Nalamasu
Senior Vice President & Chief Technology
Officer, Applied Materials
President, Applied Ventures LLC



Dr Omkaram (Om) Nalamasu is the Senior Vice President and Chief Technology Officer at Applied Materials, and one of the industry's most respected and forward-looking innovation thought leaders. As the Chief Technology Officer, he is responsible for developing new product pipelines and maintaining the company's materials engineering technology and market leadership for profitable growth.

Dr Nalamasu is also the president of Applied Ventures LLC, the venture capital arm of Applied Materials, where he oversees strategic investments in startups.

Dr Nalamasu has made seminal contributions to the fields of optical lithography and polymeric materials science and technology. He has received numerous awards, authored more than 180 papers, review articles and books, and holds more than 120 worldwide issued patents. He is also a member of the Singapore government's Advanced Manufacturing and Engineering International Advisory Panel (AME IAP), the board of directors of Tech Museum in San Jose, and serves on several international and national advisory boards. He is also a recently elected Member of the U.S. National Academy of Engineering – amongst the highest professional distinctions accorded to an engineer.

He received his Ph.D. from the University of British Columbia, Vancouver, Canada.

Professor Dr Siegfried Russwurm
Member of Managing Board, Siemens AG

Professor Dr Siegfried Russwurm is a member of the Managing Board of Siemens AG. He began his career at Siemens in 1992 as a production planner and project manager in the Medical Engineering Group. He subsequently held various central management positions in Germany and Sweden, including serving as head of the Motion Control Systems Business Unit.



In 2006, he joined the Group Executive Management of Siemens Medical Solutions. Within two years, he was appointed to the Managing Board of Siemens AG as head of Corporate Human Resources and Labor Director.

In 2010, Russwurm was named CEO of the Industry Sector. In 2014, he was appointed Chief Technology Officer and again took over as head of Corporate Human Resources. Two years ago, he was also made responsible for Healthcare.

In addition to his current positions, he has special responsibility on the Managing Board for the Regions Middle East, Russia and CIS.

He is member in the Board of Governors of several academic institutions in Germany, advisor to the German Government on Innovation and Digitalisation and Honorary Professor at the University of Erlangen-Nuernberg where he is teaching Mechatronics.

Mr William A. Hawkins III
Senior Advisor Essex Woodlands Capital
Corporate Director and
Retired Chairman and Chief Executive Officer,
Medtronic



Mr Hawkins is currently Senior Advisor to Essex Woodlands Capital and a Corporate Director for 8 Medical and Biotech Companies. He is the former Chairman and CEO of Medtronic the world's largest independent Medical Device Company. Since Medtronic he was the CEO of Immucor and before Medtronic CEO of Novoste, President of the Medical Products Group of American Home Products now Pfizer, President of Johnson and Johnson's Ethicon Endo Surgery Business, and Senior executive and President of Guidant now Boston Scientific. He is Vice Chair of the Duke University Health System and Member of the Duke Board of Trustees. He is a Director of the Focused Ultrasound Society.

Recently, he was elected to the National Academy of Engineering and is a Past President and Fellow at the American Institute of Medical and Biological Engineering (AIMBE).

Mr. Hawkins received his bachelor's degree in electrical and biomedical engineering from Duke in 1976, where he also conducted medical research in pathology. He then went on to earn an M.B.A. from the Darden School of Business, University of Virginia, in 1982.

Professor Lily Kong (江莉莉)
Provost, Singapore Management University
Lee Kong Chian Chair Professor of Social Sciences



Professor Kong joined the Singapore Management University as Provost and Lee Kong Chian Chair Professor of Social Sciences in September 2015. Prior to that, she was a faculty member at the National University of Singapore's Department of Geography for nearly 25 years. She also held various senior management roles at the National University of Singapore, including Vice Provost (Education), Vice Provost (Academic Personnel), Vice President (University and Global Relations), Dean (Faculty of Arts and Social Sciences), and Director of its Asia Research Institute.

Professor Kong is well-known internationally as a social-cultural and urban geographer who has studied urban social and cultural change in Asia over the last 30 years. She is on editorial boards of several leading international journals in her field, and is a sought-after conference speaker.

An award-winning researcher and teacher, Professor Kong has received five international fellowship awards including the Commonwealth Fellowship Award and the Fulbright Fellowship Award. She has also won the Robert Stoddard Award from the Association of American Geographers for her contributions to the study of religion. In 2006, Professor Kong was conferred the Public Administration Medal (Silver).

Professor Barry Halliwell
Chairman, Biomedical Research Council, A*STAR
Senior Advisor to President, National University of Singapore



Professor Barry Halliwell is the Senior Advisor to the President at the National University of Singapore. He has held various appointments in the University, including Deputy President (Research and Technology) from March 2006 to May 2015 and Executive Director of the NUS Graduate School of Integrative Sciences and Engineering from 2003 to September 2008.

An internationally-acclaimed biochemist, Professor Halliwell is known for his seminal work on the role of free radicals and antioxidants in biological systems. The Thomson Reuters lists Professor Halliwell as one of the world's most highly-cited researchers in Biology and Biochemistry. He was also awarded the "Lifetime Achievement Award" by the Society for Free Radical Biology and Medicine in the USA for overall sustained excellence in the field.

Professor Halliwell is a member of several editorial boards, a lead speaker at Gordon Conferences and other prestigious events worldwide and a member of expert advisory panels to leading universities, companies and government agencies.

He was awarded the Science and Technology Medal in 2013 by the President of Singapore “for distinguished sustained and exceptional contributions to Singapore’s Science and Engineering landscape”. He was awarded the Public Administration Medal (Silver) in 2010 by the President of Singapore for contributions to Singapore.

Professor Halliwell graduated from the University of Oxford with BA (1st class) and D.Phil degrees. He holds a D.Sc degree from the University of London.

A*STAR Board Members (with effect from 1 April 2017)

Chairman

Mr Lim Chuan Poh
Chairman, Agency for Science, Technology and Research

Deputy Chairman

Professor Tan Chorh Chuan
President, National University of Singapore

Members

Dr Raj Thampuran
Managing Director, Agency for Science, Technology & Research

Professor Bertil Andersson
President, Nanyang Technological University

Mr Bruce Brown (*re-appointed*)
Retired Chief Technology Officer, Procter & Gamble

Professor Isaac Ben-Israel
Chairman, Israel Space Agency

Dr William Chin
Executive Vice President, Scientific and Regulatory Affairs, PhRMA

Professor Chong Tow Chong
Provost, Singapore University of Technology and Design

Professor Barry Halliwell
Chairman, Biomedical Research Council, A*STAR; Senior Advisor to President,
National University of Singapore

Mr William A. Hawkins III
Senior Advisor, Essex Woodlands Capital; Corporate Director and Retired
Chairman and Chief Executive Officer, Medtronic

Professor Lily Kong
Provost, Singapore Management University, Lee Kong Chian Chair Professor of
Social Sciences

Dr Omkaram Nalamasu, Senior Vice President and Chief Technology Officer,
Applied Materials; President, Applied Ventures LLC

Mr Ong Boon Hwee
Chief Executive Officer, Stewardship Asia Centre Pte Ltd

Professor Sir Keith O’Nions
Chairman, Cambridge Enterprise

Professor Sir John O’Reilly
Chairman, Science and Engineering Research Council, A*STAR

Professor Siegfried Russwurm
Member of Managing Board, Siemens AG

Mr Quek Gim Pew
Chief Defence Scientist, Ministry of Defence

Ms Tan Li San
Deputy Secretary (Industry & Information), Ministry of Communications and
Information

Dr Tatsumi Yamazaki
Distinguished Advisor, Chugai Pharmaceutical Co. Ltd

Mr Yee Ping Yi
Deputy Secretary (Policy), Ministry of Finance

Mr Yeoh Keat Chuan
Managing Director, Singapore Economic Development Board

Annex B

EMA - New Board Member

Dr Liew Ah Choy (刘亚财)
Chief Executive Officer
EquiVolt Pte Ltd



Dr Liew is the Chief Executive Officer of EquiVolt Pte Ltd, a specialist consulting firm in electrical engineering. He is also an Adjunct Professor at the Department of Electrical and Computer Engineering at the National University of Singapore. Dr Liew has extensive experience in the fields of high voltage technology and electrical systems. He is Chairman of the Technical Committee for the Singapore Code of Practice for Lightning Protection.

A Colombo Plan scholar, Dr Liew attained his PhD from the University of Queensland. He has received several awards and medals from academic and professional institutions and a Public Service Award Medal in 2003.

EMA Board Members (with effect from 1 April 2017)

Chairman

Mr Ng How Yue
Permanent Secretary, Ministry of Law
Second Permanent Secretary, Ministry of Health

Members

Mr Ng Wai Choong
Chief Executive, Energy Market Authority

Mr Kon Yin Tong
Managing Partner, Foo Kon Tan LLP

Dr Liew Ah Choy
Chief Executive Officer, EquiVolt Pte Ltd

Mr Pek Hak Bin
Group Chief Executive Officer, Cronus Energy Pte Ltd

Professor Phang Sock Yong
Vice Provost (Faculty Matters),
Celia Moh Chair Professor of Economics, Singapore Management University

Ms Quah Ley Hoon
Chief Editor (English Current Affairs & International News), MediaCorp Pte Ltd

Mr Quek See Tiat
President, Council for Estate Agencies

Mr Tham Min Yew, Russell
Corporate Vice President and Regional President, Asia Business Development,
Applied Materials

Mr Yeap Poh Leong, Andre
Senior Partner, Dispute Resolution, Head, International Arbitration, Rajah and Tan
Singapore LLP

Mr Zia Zaman
Founder and Chief Executive Officer, LumenLab
Senior Vice President and Chief Innovation Officer, MetLife Asia

Annex C

JTC - New Board Members

Mr Ng Chee Keong (吴子强)
Chairman,
Jurong Port Pte Ltd



Mr Ng Chee Keong is the Chairman of Jurong Port Pte Ltd. He was previously CEO, PSA (Singapore Region) and concurrently Global Head of Technical and Operations Development until his retirement in 2005.

In his 34 years with PSA, Mr Ng also served as Managing Director of CWT Distribution Pte Ltd, Senior Vice President (International Business), President (Container Terminals), Group President and CEO, President and CEO (PSA Singapore). He previously served on the board of The Centre of Maritime Studies, NUS.

Ms Kwa Kim Li (柯金梨)
Managing Partner,
Lee & Lee Advocates and Solicitors

Ms Kwa Kim Li is the Managing Partner of Lee and Lee, Advocates and Solicitors, one of Singapore's oldest Law Firms, founded in 1955.

She has been practicing various aspects of law for over 35 years. Although her key area of practice is Real Estate, Ms Kwa also advises on Loans, Trusts, Wills, Probates, Joint Ventures and Cross Border Transactions.

Mr Vincent Chong Sy Feng (钟思峰)
President and Chief Executive Officer,
ST Engineering Ltd



Mr Vincent Chong is President and CEO of ST Engineering, an intergrated defence and engineering group with global presence, specialising in the aerospace, electronics, land systems and marine sectors.

Mr Chong brings with him 20 years of global business experience from his career at ExxonMobil where he spent more than half of his time in Hong Kong, Japan, United Kingdom and the United States.

Ms Jeanette Wong Kai Yuan (王开源)
Group Executive, Institutional Banking Group, DBS Bank



Ms. Jeanette Wong is DBS Bank Group Executive responsible for the Institutional Banking Group which encompasses Corporate Banking, Global Transaction Services, Strategic Advisory and Mergers & Acquisitions.

Prior to joining DBS Bank, Ms Wong was at JP Morgan for 16 years. During her tenure at JP Morgan, she had regional responsibilities for the Global Markets and Emerging Markets Sales and Trading business in Asia and was also JP Morgan's head for Singapore between 1997 and 2002.

Madam Lai Wei Lin (赖慧玲)
Deputy Secretary (Policy),
Ministry of Education



Madam Lai Wei Lin is the Deputy Secretary (Policy) in Singapore's Ministry of Education, overseeing the policy and planning functions for Singapore's education system from preschool to tertiary education as well as continuing education for the workforce.

Prior to joining the Ministry of Education, Madam Lai spent 7 years in the Ministry of Health, during which she led policy reviews and development work on healthcare financing, systems planning, manpower and leadership development.

JTC Board Members (with effect from 1 April 2017)

Chairman

Dr Loo Choon Yong
Executive Chairman, Raffles Medical Group Pte Ltd

Members

Mr Png Cheong Boon
Chief Executive Officer, JTC Corporation

Mr Yeoh Oon Jin
Executive Chairman, PricewaterhouseCoopers LLP

Mr Olivier Lim Tse Ghow
Chairman, Certis CISCO Security Pte Ltd

Ms Jessie Yeo Hong Cheng
Executive Secretary, Metal Industries Workers' Union
Director, Union Centric

Mr Ngiam Shih Chun
Deputy Secretary (Industry), Ministry of Trade and Industry

Mr Guy Harvey-Samuel
Former Chief Executive Officer, Hongkong and Shanghai Banking Corporation
Limited

Mr Ng Lang
Chief Executive Officer, Urban Redevelopment Authority of Singapore

LG Perry Lim Cheng Yeow
Chief of Defence Force, Ministry of Defence

Mr Ng Chee Keong
Chairman, Jurong Port Pte Ltd

Ms Kwa Kim Li
Managing Partner, Lee & Lee Advocates and Solicitors

Mr Vincent Chong Sy Feng
President and Chief Executive Officer, ST Engineering Ltd

Ms Jeanette Wong Kai Yuan
Group Executive, Institutional Banking Group, DBS Bank

Madam Lai Wei Lin
Deputy Secretary (Policy), Ministry of Education

Annex D

SDC - New Board Members

**Mrs Diana Ee-Tan (余珠琳)
Chairman, Mount Faber Leisure Group Pte Ltd**

Mrs Ee-Tan is the Chairman of Mount Faber Leisure Group Pte Ltd.

Over the course of her career as a business leader in the tourism and hospitality industry, Ms Ee has held senior executive positions overseeing mega congress services management, branding, global sales, e-distribution, marketing and international hotel operations.



In her former capacity as president of Raffles Hotels & Resorts, a global luxury hotel chain, she had responsibilities for the group's overall growth strategy and the operating and financial performance of its properties spanning South East Asia, China, the United States, Middle East and Europe.

Mrs Ee-Tan has served as a Board Member of the Singapore Tourism Board. She is presently also a Board Director of Far East Orchard Limited and is the Vice-Chairman of SHATEC Institutes Pte Ltd.

**Mr Eugene Ho (何明生)
Chief Strategy Officer, Deloitte Southeast Asia;
Managing Director, Deloitte Consulting
Singapore; Consumer & Industrial Products
Industry Leader, Deloitte Southeast Asia**

Mr Eugene Ho is the Chief Strategy Officer & an Executive Committee Member of Deloitte Southeast Asia. He is also the Managing Director for Deloitte Consulting Singapore and Leader for the Consumer & Industrial Products industry program in Deloitte Southeast Asia and he covers the consumer, retail, travel and hospitality sectors.



Mr Ho began his management consulting career in May 1996 and his key focus areas include advising marquee clients on market entry strategy, growth strategy and business transformation.

He has helped numerous multinationals and local companies enter, grow and transform in the region especially in markets such as Singapore, Malaysia, Indonesia, Thailand, Myanmar, Philippines, Vietnam, China and Japan. His clientele include many of the largest global and regional consumer, retail, travel and transportation sector companies.

SDC Board Members (with effect from 1 April 2017)

Chairman

Mr Moses Lee
Chairman, Tote Board

Members

Mr Quek Swee Kuan
Chief Executive Officer, Sentosa Development Corporation

Mr David Heng Chen Seng
Co-Head, Markets Group / Head, Consumer and Real Estate, Head, South East Asia, Temasek International Pte Ltd

Mr Eugene Ho
Chief Strategy Officer, Deloitte South East Asia; Managing Director, Deloitte Consulting Singapore; Consumer & Industrial Products Industry Leader, Deloitte South East Asia

Mr Lim Joo Boon
Chairman, Singapore Turf Club

Mr Eugene Leong
Chief Executive Officer, Early Childhood Development Agency

Mrs Koh-Lim Wen Gin
Board Member, National Parks Board
Independent Director, Keppel Land Ltd

Mr Keith Yu-Jene Magnus
CEO and Executive Director, Evercore Asia (Singapore) Pte Ltd

Mr Ngiam Shih Chun
Deputy Secretary (Industry), Ministry of Trade and Industry

Ms Rita Soh Siow Lan
Managing Director, RDC Architects Pte Ltd

Mr Ronny Tan
President, Sentosa Golf Club

Mrs Diana Ee-Tan
Chairman, Mount Faber Leisure Group Pte Ltd

Mr Lionel Yeo
Chief Executive, Singapore Tourism Board