

Technology Advisory Panel

Sembcorp's Technology Advisory Panel advises the company on digital and technological developments in line with our growth strategies.

The panel oversees the development and application of significant emerging and potentially disruptive technologies to enhance Sembcorp's position as an integrated energy player, and ensures the appropriate management of specialised research and development (R&D) projects and systems for intellectual property creation and protection.

In addition, the panel reviews and approves the vision and strategy for digital and technology developments at Sembcorp, including projects or technologies identified for R&D, and advises Sembcorp's leadership on technological trends and opportunities. Members of the panel also introduce new and emerging technologies and companies to the Group and regularly advise on topical issues and technologies in their respective fields of interest and expertise.



From top, left to right:
 Ang Kong Hua, Neil McGregor,
 Dr Teh Kok Peng, Jonathan Asherson OBE,
 Dr Josephine Kwa Lay Keng,
 Prof Ng How Yong, Prof Lui Pao Chuen

Ang Kong Hua

Chairman

BSc (Honours) in Economics, University of Hull, UK

Mr Ang chairs the Technology Advisory Panel and is also Chairman of the board. A well-known corporate figure in Singapore, he brings with him many years of rich experience in the manufacturing and services sectors, including the chemicals, electronics, engineering and construction sectors. He also serves on the boards of GIC and Southern Steel.

Neil McGregor

MBA in International Finance, University of Otago, New Zealand

BEng (Honours), University of Auckland, New Zealand

Advanced Management Programme, INSEAD, France

Mr McGregor is Group President & CEO of Sembcorp Industries. He brings to the company a unique and varied background spanning business, operations and investment in the energy and infrastructure sectors across Europe, USA, Asia and Oceania.

Mr McGregor's rich international experience includes over a decade spent in Singapore serving markets in the region. Previously, he also headed companies in India and Singapore as CEO, including Singapore LNG Corporation and PowerSeraya Group. Prior to joining Sembcorp, he was the Head of Temasek International's Energy and Resources Group, Head of Australia and New Zealand and Senior Managing Director of its Enterprise Development Group.

He is a fellow of the Singapore Institute of Directors.

Dr Teh Kok Peng

PhD in Economics, University of Oxford, UK

BA (First Class Honours) in Economics, La Trobe University, Australia

Advanced Management Program, Harvard Business School, USA

Dr Teh sits on the board as a non-executive and independent director. He is a senior advisor to China International Capital Corporation and a director of Fullerton Health Corporation, Astrea III and Astrea IV. He is also Chairman of Azalea Asset Management, Lu International (Singapore) Financial Asset Exchange and the East Asian Institute at the National University of Singapore (NUS). He is also a member of the Global Economic and Financial Advisory Council of Caisse de dépôt et placement du Québec (CDPQ) and an advisory director of Campbell Lutyens. Previously, Dr Teh served as Advisor to GIC's Group Executive Committee, Chairman of GIC's China Business Group and Chairman of Ascendas. He was also formerly President of GIC Special Investments, where he oversaw investments in infrastructure and international venture funds, among other areas.

Jonathan Asherson OBE

BSc (Honours) in Mechanical Engineering, Kingston University, UK

Mr Asherson is a member of the board's Audit Committee and Risk Committee.

He brings rich experience in regional strategy and business, as well as in the power and engineering industries. In the course of his career, Mr Asherson has been non-executive Chairman of Rolls-Royce Singapore, regional director for ASEAN and the Pacific at Rolls-Royce and held various positions in Siemens'

industrial power business in China, Malaysia, Germany and the USA.

Mr Asherson is Chairman of the Singapore International Chamber of Commerce, a director of Genting Singapore and Tru-Marine, and was an advisory board member of the UK Department for International Trade (Southeast Asia). He sits on the board of the Advisory Council of Birmingham University, UK and is an advisory board member of Supply Chain and Logistics Academy. He is also a council member of the Singapore Business Federation and the Singapore National Employers' Federation. He also formerly served as President of the British Chamber of Commerce and as a board member of the Singapore Economic Development Board. He has been an advisor to the Singapore Institute of International Affairs and an advisory committee member for various educational and research institutes in Singapore and the UK. These include the Agency for Science, Technology and Research's (A*STAR) Science and Technology Advisory Council at the Engineering Research Institute @ NTU (ERI@N) and Nanyang Technological University (NTU) School of Mechanical and Aerospace Engineering. He also served on the Ngee Ann Polytechnic Aerospace Technology Advisory Committee and Nanyang Polytechnic Engineering Advisory Committee.

Dr Josephine Kwa Lay Keng

PhD in Mechanical Engineering, University of Leeds, UK

BSc (Honours) in Mechanical Engineering, University of Leeds, UK

Dr Kwa sits on the board as a non-executive and independent director with effect from August 1, 2018. Dr Kwa is a

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director of A*STAR, Southern Steel, Barghest Building Performance, as well as a member of the management board of NUS Energy Studies Institute. She was formerly CEO of NSL, and served in various functions during her 23 years as Chief Operating Officer and Head of Technology within the NSL Group. As NSL's Head of Technology, Dr Kwa was responsible for the information technology, environment and R&D functions in the company.

Prof Ng How Yong

PhD in Environmental Engineering, University of California Berkeley, USA

BEng (First Class Honours) in Civil Engineering, National University of Singapore

Prof Ng is a professor and a Provost's Chair in NUS Department of Civil and Environmental Engineering, Director of the NUS Environmental Research Institute, as well as Director of the Sembcorp-NUS Corporate Laboratory. He has over 20 years of experience in biological wastewater treatment and membrane processes for water reuse and seawater desalination, and has served as a consultant on municipal wastewater treatment and reuse, industrial effluent treatment and seawater desalination in Singapore, China, Japan and the USA. Prof Ng is also a fellow of the International Water Association (IWA), the Vice-Chair of the Management Committee of the IWA Specialist Group on Membrane Technology and the President of the Environmental Engineering Society of Singapore.

Prof Lui Pao Chuen

MSc in Operations Research and Systems Analysis, Naval Postgraduate School, USA

BSc in Physics, University of Singapore

Formerly Singapore's Chief Defence Scientist, Prof Lui has several decades' experience in engineering, science and research. He is an advisor to Singapore's National Research Foundation and various government organisations, chairs the Environment & Water Industry

Development Council's project evaluation panel and sits on the boards of research institutes, corporations and technical organisations, including the Executive Committee for Environmental and Water Technologies.

Prof Lui is a professor at NUS, a fellow of the Singapore Academy of Engineering and the Singapore National Academy of Sciences and an honorary fellow of the ASEAN Federation of Engineering Organisations. His major science and technology awards include the National Science & Technology Medal, the Institute of Physics Singapore's President's Medal, as well as the International Council on Systems Engineering's Pioneer Award. In addition, Prof Lui is the recipient of the Lifetime Engineering Achievement Award from the Institution of Engineers, Singapore, the Defence Technology Medal (Outstanding Service) from the Ministry of Defence, as well as the Aviation Pioneer Award from the Singapore Institute of Aerospace Engineers.