

**Media Release**  
**27 June 2019**



## **Two Senior Business Executives Receive National Honours for Outstanding Contributions to Singapore**

1 President Halimah Yacob conferred the Public Service Medal (Friends of Singapore) awards upon Mr. Wayne Russell Allan, Executive Vice President, ASML, and Mr. Oliver Tonby, Senior Partner and Asian Chairman, McKinsey & Company for their contributions to Singapore's economic development, at a ceremony held at the Istana. Also in attendance were Mr Chan Chun Sing, Minister for Trade and Industry, Her Excellency Ms. Anita Nergaard, Ambassador of Norway to Singapore, and Ms Stephanie Syptak-Ramnath, Chargé d'Affaires, a.i., Embassy of the United States.

2 Dr. Beh Swan Gin, Chairman of the Singapore Economic Development Board congratulated both recipients on being conferred this prestigious award. "Mr. Allan and Mr. Tonby have made valuable contributions to the growth of Singapore's electronics and the professional services industries, respectively. They have initiated long-term investments around digitalisation, innovation and capacity expansion in Singapore, building new capabilities and a strong talent pipeline that accelerate the transformation and advancement of both sectors. With their support and partnership, we continue to see good business and job opportunities being created in Singapore," said Dr. Beh.

### **Mr. Wayne Russell Allan, Executive Vice President, ASML**

3 Mr. Allan joined ASML in November 2018, and is currently the Executive Vice President for Customer Support. Prior to this role, he served as Senior Vice President of Global Manufacturing Operations and Vice President of Wafer Fabs at Micron Technology, Inc.

4 Throughout his career, Mr. Allan has made significant contributions to the growth of Singapore's electronics sector. Of his 31 years of service in Micron, he spent the last six years in Singapore, where he had been instrumental in the expansion and further anchoring of Micron's activities in Singapore.

5 Under his leadership, Singapore is today Micron's Centre of Excellence for NAND flash memory and its largest NAND flash memory manufacturing site globally, accounting for more than 90% of Micron's global NAND flash memory

wafer fabrication capacity. The recent Fab 10A expansion announced in 2018, which will see a new fab built adjacent to Micron's existing facility in North Coast, underscores Micron's confidence and long-term commitment to Singapore. This new fab will add new cleanroom space to meet Micron's future manufacturing requirements for its 3D NAND flash memory products. The multibillion-dollar facility will add more than 1,000 new team members to its existing workforce in Singapore.

6 Beyond wafer fabrication activities, Mr. Allan was also a strong champion for numerous projects that expanded and transformed Micron's assembly and test operations in Singapore. For instance, Micron invested substantially in automation and digitalisation, building its Bendemeer assembly and test facility into the best-in-class plant within Micron's global footprint.

**Mr. Oliver Tonby, Senior Partner and Asian Chairman, McKinsey & Company**

7 Mr. Tonby has made significant contributions to the growth of Singapore as a hub of innovation for McKinsey in Southeast Asia and globally. Mr. Tonby was instrumental in driving knowledge creation in Singapore to help address the challenges faced by the firm's clients globally. This included the establishment of the McKinsey Innovation Campus (or MIC) in 2012. The MIC is a first-of-its-kind capability hub for the firm that develops new tools, methodologies and services in key disciplines such as consumer insights, productivity, and energy efficiency. As more global companies established their homes in Singapore, the MIC was a timely asset to support companies in anchoring their regional and global functions here.

8 Under Mr. Tonby's leadership, McKinsey also established the Digital Capability Centre (DCC) in collaboration with A\*STAR's Advanced Remanufacturing Technology Centre. The DCC serves as a key hub in Southeast Asia for delivering capability building in real-life demonstration and learning environment, as well as a test base for piloting digital solutions. Apart from working with MNCs, the DCC also works with SMEs in sectors, such as precision engineering and food manufacturing, to manage digital data collection and redesign jobs to complement technology adoption. The DCC has been an important addition to Singapore's advanced manufacturing ecosystem.

9 Mr. Tonby has also been a significant contributor to the development of Singapore's strategies and policies in economic development. He sits on the Future Economy Council, which oversees the growth and transformation of Singapore's economy for the future, as well as the Council for Skills, Innovation and Productivity. As a champion of instituting best practices in human capital development, Mr. Tonby worked with EDB to implement the McKinsey

Development Programme. Under the programme, the firm has hired and trained 50 Singaporeans for consultant roles, with the aim of grooming a pool of Singaporean talent to take on leadership roles within the firm over time.

10 47 EDB-nominated senior business executives were conferred the Public Service Medal (Friends of Singapore) between 1998 to 2018.

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Annex A: Citations of Award Recipients

Annex B: Biography of Award Recipients

## **About the Singapore Economic Development Board**

The Singapore Economic Development Board (EDB), a government agency under the Ministry of Trade and Industry, is responsible for strategies that enhance Singapore's position as a global centre for business, innovation, and talent. We undertake investment promotion and industry development, and work with international businesses, both foreign and local, by providing information, connection to partners and access to government incentives for their investments. Our mission is to create sustainable economic growth, with vibrant business and good job opportunities for Singapore.

For more information on EDB, please visit [www.edb.gov.sg](http://www.edb.gov.sg).

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**CITATION FOR THE PUBLIC SERVICE MEDAL (FRIENDS OF SINGAPORE)  
2018**

**Mr. Wayne Russell Allan  
Executive Vice President  
ASML**

Mr. Wayne Allan has made significant contributions to the growth of Singapore's semiconductor industry.

Mr. Allan played an instrumental role in the expansion of Micron's manufacturing footprint in Singapore. During his time as Vice President of Wafer Fabs and subsequently as Senior Vice President of Global Manufacturing, Micron made two multi-billion-dollar investments in wafer fabrication facilities in Singapore. These plants pioneered the manufacturing of 3D NAND flash memory, and generated more than 1,500 jobs over the past 5 years. The investments also established Singapore's position as Micron's largest manufacturing site globally, and today, Singapore accounts for more than 90% of Micron's global NAND flash memory wafer fabrication capacity. In addition, Singapore is Micron's Centre of Excellence for NAND flash memory, driving the company's development and manufacturing of the leading edge flash memory chips.

Beyond wafer fabrication activities, Mr. Allan was a strong champion for numerous projects that expanded and transformed Micron's assembly & test operations in Singapore. Under his leadership, Micron invested strongly in automation and digitalisation to make its Bendemeer assembly & test facility the best-in-class plant within Micron's global network of manufacturing sites.

In recognition of his outstanding contributions to Singapore, the President of the Republic of Singapore is pleased to confer the Public Service Medal (Friends of Singapore) 2018 on Mr. Wayne Allan.

**CITATION FOR THE PUBLIC SERVICE MEDAL (FRIENDS OF SINGAPORE)  
2018**

**Mr. Oliver Tonby  
Senior Partner and Asian Chairman  
McKinsey & Company**

Under Mr. Tonby's leadership, Singapore has grown as a hub of innovation for McKinsey in Southeast Asia and globally. Mr. Tonby was instrumental in driving knowledge creation in Singapore to help address the challenges faced by the firm's clients globally. This included the establishment of the McKinsey Innovation Campus (or MIC) in 2012. The MIC is a first-of-its-kind capability hub for the firm that develops new tools, methodologies and services in key disciplines such as consumer insights, productivity, and energy efficiency. As more global companies established their homes in Asia in Singapore, the MIC was a timely asset to support these companies in anchoring their regional and global functions here.

The MIC was followed by the establishment of a Digital Capability Centre (DCC) in collaboration with A\*STAR's Advanced Remanufacturing Technology Centre (ARTC). The DCC here was the first to be set up by McKinsey and grew into a global network of facilities in Aachen, Beijing, Chicago and Venice. The DCC is aimed at building client awareness of the business value of Industrie 4.0 (i4.0) technologies, as well as supporting its adoption and implementation. Apart from working with MNCs, the DCC works with SMEs in sectors such as precision engineering and food manufacturing, to manage digital data collection and redesign jobs to complement technology adoption. This helps Singapore in its journey to become an advanced manufacturing hub.

Mr. Tonby has also been a significant contributor to the development of Singapore's strategies and policies in economic development. He sits on the Future Economy Council which oversees the growth and transformation of Singapore's economy for the future, as well as the Council for Skills, Innovation and Productivity. Mr Tonby is a fervent champion of instituting best practices in human capital development. In particular, Mr. Tonby worked with EDB to implement the McKinsey Development Programme, through which the firm has hired and trained 50 Singaporeans for consultant roles, with the aim of grooming a pool of Singaporean talent to take on leadership roles within the firm over time.

In recognition of his outstanding contributions to Singapore, the President of the Republic of Singapore is pleased to confer the Public Service Medal (Friends of Singapore) on Mr. Oliver Tonby.

**BIOGRAPHY OF RECIPIENTS**

**Mr. Wayne Russell Allan  
Executive Vice President  
ASML**

Wayne Allan joined ASML in November 2018 where he currently holds the position of Executive Vice President Customer Support.

Prior to this role, he served as Senior Vice President of Global Manufacturing Operations and as VP of Wafer Fabs at Micron Technology, Inc., the company where he began his career in 1987 as a production operator and has continued to move into operations roles of increasing leadership in engineering, planning and production.

Mr. Allan's background with Micron spans a number of roles, countries and fabrication facilities including serving as production manager at Micron's Avezano, Italy fabrication facility, and leading Micron's Manassas, Virginia fabrication facility as site director during the 300mm DRAM and NAND Flash memory production ramp.

In addition to manufacturing operations roles, Wayne also directed the supply chain organisation at Micron.

Mr. Allan attended the College of Idaho where he studied Chemistry.

## **BIOGRAPHY OF RECIPIENTS**

**Mr. Oliver Tonby**  
**Senior Partner and Asian Chairman**  
**McKinsey & Company**

Oliver is the chairman of McKinsey's offices in Asia, including in Australia, India, Japan, Korea, and Southeast Asia. Oliver is a core leader of McKinsey's Digital Capability Center (DCC) in Singapore, an Industry 4.0–focused model factory that drives digital transformation of companies in Southeast Asia. He was previously the regional leader for Southeast Asia and the global coleader for McKinsey's firm wide All-In initiative, which develops and shares innovative ways of working that promote gender inclusivity and women's leadership.

Since joining McKinsey, Oliver has worked across multiple industries, including energy and materials, industrials, private equity, and technology. He has worked alongside clients on large scale, integrated transformation and growth—including internationalisation, organisational development, leadership development, operational improvement, strategic planning, and mergers and acquisitions. Oliver also has deep expertise in the markets of the Association of Southeast Asian Nations (ASEAN), having served governments, government-linked agencies, and some of Southeast Asia's largest companies.

In addition to serving clients, Oliver has a significant interest in developing local companies into regional and global champions. He is passionate about Asian companies succeeding as entrants to the global marketplace and has spoken widely to business councils and in major regional conferences on these issues, including the World Economic Forum on ASEAN and the ASEAN Business and Investment Summit. Oliver is also a frequent commentator on regional growth, having authored the McKinsey Global Institute (MGI) report, *Southeast Asia at the crossroads: Three paths to prosperity*.

Oliver holds several leadership and advisory roles. He is a member of Singapore's Future Economy Council, which is chaired by Singapore's finance minister and comprises members from government, industry, union, and educational and training institutions. At McKinsey, he is a member of the MGI Council, which advises the think tank's research on global economic, business, and technology trends.