

ANNEX A-2: MEASURES TO FOSTER PERVASIVE INNOVATION

(A) Open Innovation Platform (OIP)

The Open Innovation Platform (OIP) aims to facilitate innovation and narrow the gap between research and commercialisation. By matching problem owners and solution providers across sectors, OIP enables problem owners and solution providers to collaborate and develop innovative digital products. The OIP helps problem owners formulate problem statements and actively engage with solution providers, thereby lowering barriers of entry to innovation. At the same time, the OIP provides solution providers with resources and opportunities to develop scalable solutions. The OIP will be operational in Q2 2018.

The OIP will be administered by the Info-communications Media Development Authority (IMDA). More details will be provided during Ministry of Communications and Information's (MCI) Committee of Supply (COS).

More information

Please contact IMDA at info@imda.gov.sg.

(B) National Research Foundation (NRF) - Temasek Intellectual Property (IP) Commercialisation Vehicle

To support the commercialisation of IP generated from publicly-funded research, the Government will set aside \$50 million, alongside Temasek's investment of at least \$50 million, for the NRF-Temasek IP Commercialisation Vehicle.

The joint venture between NRF and Temasek will be focused on investing in, building and growing start-ups with commercially viable business models that are underpinned by cutting-edge science and technology generated from publicly-funded research in Singapore.

More information

Please contact NRF at communications@nrf.gov.sg.

(C) Aviation Transformation Programme (ATP)

The Aviation Transformation Programme (ATP) will be launched to build up Singapore's Research and Development (R&D) capabilities to address challenges arising from increased air traffic and constraints in manpower, land and airspace. The ATP will focus on the following key thrusts: (i) Seamless ground operations; (ii) Effective and efficient security; (iii) Premium travel experience; and (iv) First-in-class Air traffic management. This will be done through: (i) Building local capabilities in the research ecosystem and our companies; and (ii) Supporting the development of new technologies that can be deployed in Changi East and the rest of Changi Airport.

The ATP will be administered by Civil Aviation Authority of Singapore (CAAS).

More information

Please contact CAAS at caas_atpo@caas.gov.sg.

(D) Maritime Transformation Programme (MTP)

The Maritime Transformation Programme (MTP) will be launched to enhance the overall competitiveness of Singapore as a maritime hub, accelerate industry transformation efforts, and deepen critical local maritime R&D capabilities. The MTP will focus on the following key thrusts: (i) Strengthen maritime traffic management capabilities, (ii) Enhance operational efficiencies, and (iii) Improve safety and security. This will be done through using automation, digitalisation and artificial intelligence to develop new technologies, designs and operations concepts that can be deployed in Tuas Port and Jurong Port.

The MTP will be administered by Maritime and Port Authority of Singapore (MPA).

More information

Please contact MPA at mint@mpa.gov.sg.

(E) National Robotics Programme (NRP) Expansion

The National Robotics Programme (NRP) was launched in Budget 2016 to address labour force constraints in sectors such as healthcare and cleaning through the development and deployment of robotics and automation technologies.

In Budget 2018, the NRP will be expanded to cover the built environment and construction sectors, to transform work processes in areas such as Design for Manufacturing and Assembly (DfMA) and create better job opportunities. This will be done through collaborations between public research performers and companies to develop technologies that can improve productivity and safety at construction sites and integrated construction and prefabrication hubs (ICPHs)

The NRP for the built environment and construction sectors will be administered by Building and Construction Authority (BCA). More details will be released during Ministry of Trade and Industry's (MTI) COS.

More information

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