

ELECTRONICS ITM 2025

Singapore – A Critical Node For Advanced Electronics Manufacturing & Innovation

A Anchor R&D & manufacturing capabilities from globally leading companies to enhance Singapore's leadership in key areas

- Strengthen Singapore's leadership position for semiconductors, radio-frequency filters and hard disk media
- Create a strong public-private research ecosystem through the Future of Microelectronics, which will focus on developing Singapore's research capabilities in the five key technology verticals of Heterogeneous Integration, Wide Bandgap, mmWave and Beyond, Sensors & Actuators and Edge AI

B Partner companies, Institutes of Higher Learning (IHLs) & the Singapore Semiconductor Industry Association to strengthen the local talent pipeline for growth areas

- Nurture semiconductor research, engineering, and design talent, with the aim of training 1,000 PhDs over the next 10-years
- Promote continuous re-skilling and job re-design efforts to enable agile deployment of Continuous-Employment Talent (CET)
- Strengthen the Pre-Employment Talent (PET) pipeline for more inflow of young talent

C Transform Singapore's electronics manufacturing into a low-carbon footprint sector

- Support carbon initiatives to reduce emissions from existing operations, such as the implementation of efficient abatement systems & energy-efficient systems e.g. chillers and cooling towers
- Pilot first-of-its kind innovations with companies to minimise emissions from future operations, such as centralised abatement systems, district cooling and chilled-water-as-a-service
- Facilitate discussions between manufacturers and importers under Singapore's green electricity import roadmap as off-takers

PRECISION ENGINEERING (PE) ITM 2025

Establishing an ecosystem of new generation precision engineering enterprises that leverage digital manufacturing technologies and platforms to innovate and deliver competitive products/services for global markets.

A Shifting the PE industry towards the digital manufacturing paradigm

- Partner companies to digitalise, develop differentiated capabilities and go global
- Leverage national platforms such as A*STAR's pilot Innovation Factory @ SIMTech to accelerate R&D collaborations

B Growing enterprise revenue for PE firms within the S\$10-S\$500m revenue range

- Provide dedicated support to identified growth companies to help them deepen capabilities and internationalise through initiatives such as the Global Innovation Alliance by EnterpriseSG and EDB
- Groom local start-ups and spin-offs in growth sectors such as Industry 4.0, robotics, additive manufacturing and lasers & optics
- Uplift SMEs by helping them to build core digital capabilities and take on higher value activities through the PE Industry Digital Plan developed by EnterpriseSG and the Infocomm Media Development Authority

C Creating good jobs for locals in growth sectors

- Support companies in redesigning jobs to support digital transformation through the Industry 4.0 Human Capital Initiative
- Upskill and reskill talent for emerging roles by collaborating with companies to curate industry-relevant training courses in new growth areas
- Encourage young talent to enter and progress in the PE sector, including supporting companies in the hiring and training of ITE graduates for critical technician and assistant engineer roles

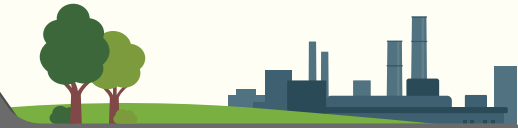
ENERGY & CHEMICALS ITM 2025

To become a sustainable Energy & Chemicals hub, maximising economic value while minimising resource use, and spearheading the energy transition to capture green growth opportunities.



A Shift to high-value chemicals and specialty chemicals

- ⚡ Anchor new, high-value chemical chains
- ⚡ Prioritise four clusters in specialty chemicals – (1) nutrition & agriculture, (2) hygiene & health, (3) smart materials & mobility and (4) sustainability



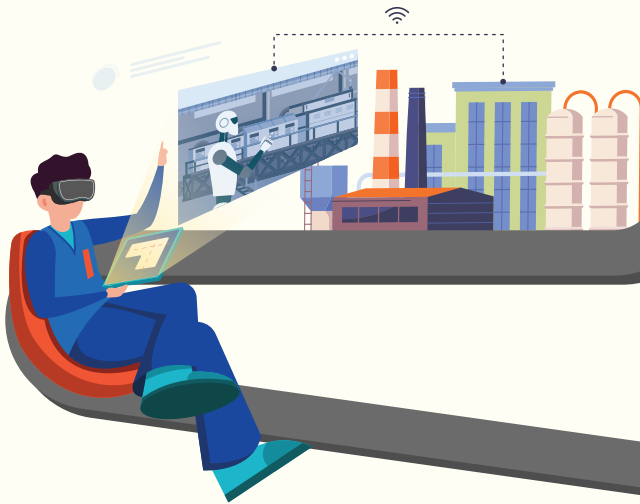
B Spearhead energy transition to capture green growth opportunities

- ⚡ Increase output of sustainable products by 1.5 times by 2030
- ⚡ Achieve at least two million tonnes of carbon capture potential by 2030
- ⚡ Encourage E&C companies to leverage Singapore as their base for low carbon ventures in Asia



C Exciting job opportunities in the Energy & Chemicals sector for Singaporeans

- ⚡ Upskill and redeploy existing workers to take on new roles through Career Conversion Programmes (CCPs)
- ⚡ Equip future generations through SkillsFuture Work-Study Programme, marketing of industry and regular engagements with undergraduates



D Growing innovation capabilities with private and public sectors

- ⚡ Build research capabilities in partnership with A*STAR and local research institutes to perform customer-centric innovation in specialty chemicals
- ⚡ Advance R&D in low carbon technologies and sustainable products through RIE programmes
- ⚡ Drive innovation amongst local enterprises through collaborations with local and international partners



AEROSPACE ITM 2025

Cement Singapore as a global node for aerospace manufacturing and MRO, with leadership in engine MRO, and participate in future aircraft development programmes through emerging areas.

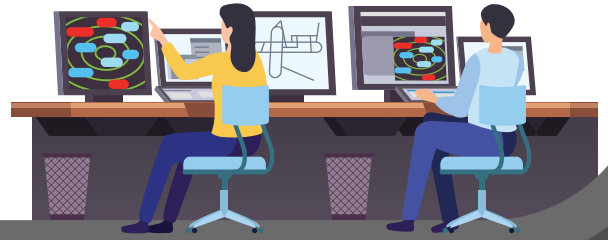
A Cementing Singapore As A Global Node For Aerospace Manufacturing & MRO, With Leadership In Engine MRO

- Partner with leading aerospace companies to build capacity and capability for manufacturing and MRO, including engine MRO for new generation aircraft platforms



B Driving Transformation Through Technology

- Partner with leading aerospace firms to develop and deploy manufacturing and MRO technologies from Singapore, so as to remain best-in-class
- Develop new manufacturing and MRO processes



C Helping SMEs Fly High on The Global Stage

- Support SMEs' productivity initiatives
- Support new SME entrants into aerospace
- Facilitate SMEs' growth through internationalisation
- Foster partnerships between companies in the sector

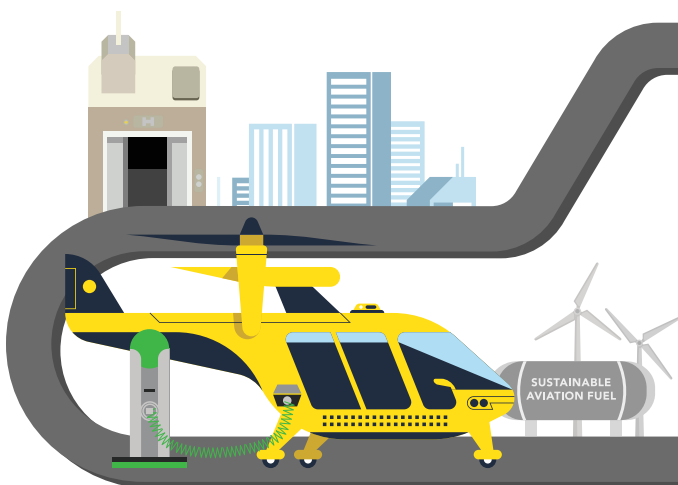
D Investing In Talent

- Preserved productive capacity during downturn
- Support companies' hiring needs with the recovery
- Prepare our talent base for emerging opportunities, including through upskilling and reskilling existing workers



E Pre-positioning For Emerging Areas Such As Sustainability & Advanced Air Mobility (AAM)

- Partnering with companies to develop, trial and commercialise technologies for sustainability and AAM
- Develop enabling infrastructure and regulatory frameworks for safe and secure trials of AAM technologies



F Emerging Stronger Through Tripartism & Partnership With Industry Associations

- Working with unions and industry associations to support the recovery in air travel and seize future opportunities



LOGISTICS ITM 2025

Singapore as Asia's leading logistics ecosystem where global and local enterprises build innovative capabilities to keep Singapore's and the world's goods moving.



A Attract new investments & transform existing warehouse operations to grow the logistics industry

- Anchor highly automated, best-in-class (BIC) warehouse operations in Singapore
- Onboard warehouses onto the goDCE (go Distribution Centre Excellence) warehouse assessment framework by the Centre of Innovation for Supply Chain Management (COI-SCM) at Republic Polytechnic

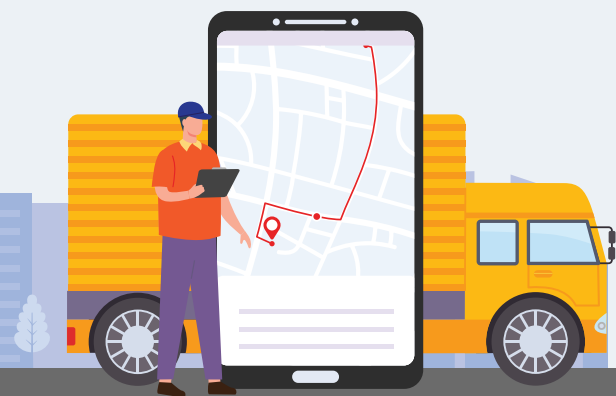
B Create quality jobs for locals & focus on job redesign by leveraging digital technologies

- Partner with industry players and trade associations to support the training of workers in new roles in operations and innovation
- Work with companies to redesign jobs and support the upskilling of workers to use digital technologies



C Digitalise the sector to drive productivity initiatives

- Drive adoption of digital solutions among small and micro firms under the Logistics Industry Digital Plan
- Partner the COI-SCM and trade associations to advise companies on digital solutions adoption
- Build industry-wide data visibility and optimise industry-wide resources such as assets and infrastructure



D Support internationalisation by building new specialisations & tapping into regional markets

- Companies to build specialised capabilities in new areas to capture opportunities in overseas markets

