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Singapore pilots for energy & enterprise decarbonisation (SPEED) programme with $250M investment

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Singapore has launched a new Singapore Pilots for Energy & Enterprise Decarbonisation (SPEED) programme. The SPEED programme is part of the Research, Innovation and Enterprise (RIE) 2030 Decarbonisation Grand Challenge (DGC) unveiled earlier in March 2026, during the Ministry of Trade and Industryâ??s Committee of Supply debate.

SPEED will set aside $250M to accelerate the scaling up of technologies that support Singaporeâ??s decarbonisation efforts. SPEED will support local translational Research, Development & Demonstration (RD&D) of promising low-carbon technologies in the power and industry sectors that are close to market roll-out, so that these technologies can be deployed at scale in Singapore. These efforts are targeted to create more viable options for Singaporeâ??s future decarbonisation efforts at competitive cost.

Through SPEED, relevant and impactful technology providers will be supported in translating and commercialisng emerging decarbonisation solutions, catered for Singaporeâ??s needs. SPEED will also create value for Singapore through local co-development of scientific and engineering knowledge, and strengthen Singaporeâ??s reputation as a destination for low-carbon-related RD&D. As part of SPEED, partnerships formed between Singapore-based companies and technology

providers in deploying the solutions will build up local capabilities in piloting new deep technologies, and prepare Singapore for wider adoption of these solutions in the future.

The SPEED programme office will be hosted by A*STAR and will collaborate closely with the Energy Market Authority (EMA), the Singapore Economic Development Board (EDB), relevant research institutes and institutes of higher learning in Singapore.

To uncover promising decarbonisation technologies for further development and deployment in Singapore, the SPEED programme office will also actively collaborate with key technology sourcing partners. These include private sector companies, Temasek, SG Growth Capital (the investment platform of EDB and Enterprise Singapore), global climate venture funds, accelerators, amongst other global partners.

SPEED will support decarbonisation technology pilots through:

- **Funding support for potentially impactful and nascent decarbonisation solutions:**Â SPEED may co-fund eligible pilot projects that are aligned with Singaporeâ??s national decarbonisation plans, including but not limited to solar, carbon capture & utilisation, electrification & energy efficiency, hydrogen & derivatives, advanced grid technologies and energy storage solutions. Companies and startups applying and receiving the support must have a presence in Singapore and the project must have meaningful support and co-funding by relevant receptacles from the private or public sector.Â
- **Connecting stakeholders:**Â SPEED will bring together stakeholders across Singaporeâ??s climate tech landscape, including technology providers, local receptacles, potential offtake customers, financiers, regulatory agencies, etc.Â
- **Reducing regulatory hurdles:**Â Where necessary and practicable, SPEED will convene regulatory sandboxes to facilitate pilots through regulatory approvals and waivers, while balancing safety and reliability