

Singapore Pilots for Energy & Enterprise Decarbonisation (SPEED)

Canonical:

<https://northmoregordon.com/grants-and-programs/singapore-pilots-for-energy-enterprise-decarbonisation-speed/>

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Funding program archive

This page preserves a dated funding-program record and links it to current project-planning guidance.

Publication date: the source publication date.

Status note: This archive does not confirm that applications are open, funds remain available or the earlier eligibility and co-funding settings still apply. Verify the current administrator page and guidelines.

What this article reported

Accelerate your decarbonisation project with funding through the Singapore Pilots for Energy & Enterprise Decarbonisation (SPEED) Program

The Singapore Pilots for Energy & Enterprise Decarbonisation (SPEED) Program is a new funding initiative designed to help organisations accelerate innovative decarbonisation technologies from pilot stage through to commercial deployment. As part of Singapore's S\$800 million Decarbonisation Grand Challenge, the SPEED program funding allocation is S\$250 million and supports translational research, development and demonstration (RD&D;) projects that can help reduce emissions across the power and industrial sectors. Eligible projects may receive funding covering up to 50% of total project costs, alongside government support to help navigate regulatory approvals, industry connections and commercialisation opportunities.

Funding Available

Grant funding of up to 50% of eligible project costs

Additional non-financial support including: Assistance navigating regulatory approvals
Connections to potential customers and industry partners
Access to Singapore's research, investment and innovation ecosystem
Support planning for commercial scale-up after successful pilots

Who is this for?

Country: Singapore

Industry: Energy, Industrial Decarbonisation, Clean Technology, Climate Technology, Advanced Manufacturing

The program is targeted at organisations developing innovative decarbonisation technologies that can contribute to Singapore's long-term emissions reduction goals.

Eligibility: You can apply if you:

Are developing innovative decarbonisation technologies at Technology Readiness Levels (TRL) 6-8

Have a project that supports Singapore's decarbonisation objectives

Are undertaking genuine research, development and demonstration activities that create new intellectual property or technical knowledge

Can demonstrate long-term capability development within Singapore

If based overseas, are prepared to establish a presence in Singapore and collaborate with local organisations, research institutes or public agencies

Eligible project areas

Projects may include innovations across areas such as:

Power

Advanced solar technologies

Low-carbon electricity solutions

Industry

Industrial electrification

Energy efficiency technologies

Cross-cutting technologies

Carbon capture

Carbon utilisation

Carbon sequestration

Hydrogen and hydrogen derivatives

System enablers

Advanced grid technologies

Energy storage solutions

What can the grant be used for?

Funding is intended to support pilot-scale research, development and demonstration projects that advance innovative decarbonisation technologies toward commercial deployment.

Depending on your project, funding may assist with activities such as:

Developing and demonstrating new clean technologies

Pilot plant design and deployment

Industrial energy efficiency projects

Carbon capture and utilisation initiatives

Hydrogen technology development

Advanced energy storage solutions

Grid innovation and power system technologies

Commercialisation planning and scale-up activities

Northmore Gordon can help businesses prepare competitive grant applications for eligible innovation, technology development, commercialisation and demonstration projects.

Assessment Criteria

Applications are assessed on factors including:

Innovation and technical merit

Decarbonisation potential

Commercial adoption potential

Capability development within Singapore

Market demand

Team capability and experience

Long-term commercial viability and scalability

Important Notes

The program does not support standard technology deployments or "plug-and-play" implementations without meaningful innovation. Projects outside the power and industrial decarbonisation sectors may also fall outside the program scope. Applications should demonstrate clear innovation, significant emissions reduction potential and long-term benefits for Singapore's decarbonisation ecosystem.

Applications

The SPEED Program is accepting suitable projects that align with its technology focus areas. Organisations considering an application should ensure their project satisfies the program's innovation and capability development requirements before applying.

Need help applying?

Northmore Gordon specialises in securing government funding for innovative businesses. If you're developing a clean technology or industrial decarbonisation project and believe you may be eligible for the Singapore Pilots for Energy & Enterprise Decarbonisation (SPEED) Program, our team can help assess your eligibility, develop a strong application and maximise your funding opportunity.

Contact Northmore Gordon today to discuss your project and submit your application with confidence.

How to use this information now

Before relying on a grant, confirm the current round, applicant and project eligibility, eligible expenditure, co-contribution, assessment process, closing date and evidence obligations. Build the technical case so the project remains understandable with grant support shown separately.

Separate source-reported facts from forecasts, targets and commentary. For a current project, retain the official source, version, effective date, assumptions and decision record in the evidence file.

Related guidance

Carbon advisory

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Contact Northmore Gordon

What is the Singapore Pilots for Energy & Enterprise Decarbonisation (SPEED) Program?

SPEED is a Singapore government funding initiative designed to accelerate innovative decarbonisation technologies from pilot stage through commercial deployment. Part of Singapore's S\$800 million Decarbonisation Grand Challenge, it supports translational research, development and demonstration projects across the power and industrial sectors. The program allocates S\$250 million to eligible projects, offering up to 50% cost coverage alongside regulatory support, industry connections and commercialisation assistance. We can help organisations assess project eligibility, develop transition pathways and structure applications demonstrating both technical innovation and commercial viability within Singapore's decarbonisation framework.

What technology readiness levels and project stages does SPEED target?

SPEED focuses on technologies at Technology Readiness Levels (TRL) 6–8, representing the transition from development to demonstration and early commercial deployment. Applications must demonstrate genuine research, development and demonstration activities that create new intellectual property or technical knowledge, moving beyond standard technology implementations. Projects should advance innovative decarbonisation solutions toward commercial scale. Our feasibility assessment and investment case services can help organisations at this stage clarify project scope, verify technical viability, identify commercialisation pathways and document evidence supporting SPEED's innovation and capability-development criteria.

What project areas qualify for SPEED funding across power and industrial sectors?

Eligible areas span power (advanced solar technologies, low-carbon electricity solutions), industry (industrial electrification, energy efficiency), cross-cutting technologies (carbon capture, utilisation and sequestration, hydrogen and derivatives) and system enablers (advanced grid technologies, energy storage). Projects must address genuine decarbonisation challenges with measurable emissions-reduction potential. We support organisations in these sectors through energy audits, measurement and verification, feasibility studies and transition planning, helping clarify technical boundaries, establish baseline conditions and quantify decarbonisation potential—information essential for demonstrating SPEED's decarbonisation and innovation criteria.

What non-financial support does SPEED offer beyond the S\$250 million grant allocation?

Beyond funding covering up to 50% of project costs, SPEED provides assistance navigating regulatory approvals, connections to potential customers and industry partners, access to Singapore's research and innovation ecosystem, and support planning commercial scale-up post-pilot. This ecosystem approach recognises that successful decarbonisation projects require integration across technical, regulatory and market dimensions. Our Singapore energy-efficiency assessment services and regulatory advisory capabilities align with this integrated support model, helping organisations understand Singapore's industrial energy-management obligations under the Energy Conservation Act and positioning projects within the broader decarbonisation landscape.

What eligibility requirements apply to international organisations applying for SPEED?

Overseas organisations must demonstrate long-term capability development within Singapore, establish a physical presence in the jurisdiction and collaborate with local organisations, research institutes or public agencies. SPEED prioritises projects generating sustained Singapore-based innovation capacity rather than external technology deployment. Organisations should develop genuine partnerships demonstrating commitment to Singapore's innovation ecosystem. We can assist international applicants in structuring local partnerships, understanding Singapore's industrial energy-management framework and demonstrating how proposed projects create durable technical capability within Singapore aligned with the Energy Conservation Act's compliance requirements.

How are SPEED applications assessed and what demonstrates commercial viability?

Assessment criteria include innovation and technical merit, decarbonisation potential, commercial adoption potential, capability development within Singapore, market demand, team experience and long-term commercial viability. Applications must show clear innovation moving beyond standard technology deployments, significant emissions-reduction potential and scalable commercial pathways. Our investment case, feasibility study and measurement and verification services support this demonstration by quantifying energy and emissions outcomes, comparing alternatives against consistent assumptions and documenting risk factors affecting commercialisation. This evidence strengthens applications showing both technical credibility and realistic market positioning.

What project types fall outside SPEED's scope?

Standard technology deployments or 'plug-and-play' implementations without meaningful innovation are not supported, nor are projects outside power and industrial decarbonisation sectors. SPEED requires clear demonstration of innovation creating new intellectual property or technical knowledge, significant emissions-reduction potential and long-term commercial benefits for Singapore's decarbonisation ecosystem. Organisations should verify that proposed work involves genuine innovation rather than routine installation. Our audit and feasibility assessment services help organisations articulate project innovation, distinguish RD&D activities from standard operations and develop evidence supporting SPEED's innovation and decarbonisation criteria.

How does SPEED align with Singapore's mandatory industrial energy management obligations?

Singapore's National Environment Agency administers mandatory energy management requirements under the Energy Conservation Act for covered industrial facilities, requiring registration, energy-manager appointment and efficiency-improvement planning. SPEED projects developing industrial electrification, energy efficiency technologies or decarbonisation solutions operate within this regulatory context. Organisations subject to these mandatory obligations may find SPEED funding valuable for advancing innovative efficiency or decarbonisation beyond baseline compliance. We provide Singapore energy-efficiency assessments and understand how proposed pilot projects align with mandatory frameworks, helping applicants articulate how SPEED-funded innovations strengthen compliance and decarbonisation performance.

What measurement and verification evidence do SPEED applications require?

Applications must document baseline conditions, projected emissions reductions and technical pathways with credible evidence. Measurement and verification approaches should establish how project outcomes will be tracked through pilot and commercial stages, supporting both technical credibility and commercial viability assessment. Clear baseline establishment, operating assumptions and data quality standards strengthen applications by demonstrating rigorous project development. Our measurement and verification services help organisations prepare evidence-based baselines, develop M&V plans for pilot operations and document energy and emissions outcomes, providing technical rigor SPEED assessors expect when evaluating decarbonisation potential and commercialisation readiness.