

Clean Technology Research, Development and Commercialisation Infrastructure Grants

Information session

Welcome and agenda



Acknowledgement of Country

Tessa Nelson
Chair

Introduction to Net Zero Industry and Innovation Program

Justin Roach
Clean Technology Innovation Manager

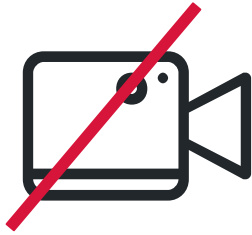
Outline of Clean Technology Research, Development and Commercialisation Infrastructure Grants

Justin Lee
Senior Project Officer

Questions from the audience

Justin Roach and Justin Lee

Meeting etiquette



Please turn off your camera



Please mute your mic



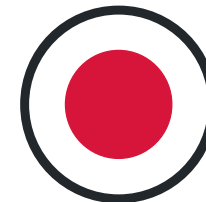
Type questions in the chat box



Dedicated Q&A time at the end



Presentation will be available after today



We will be recording today's session



Net Zero Industry and Innovation

Net Zero Industry and Innovation Program

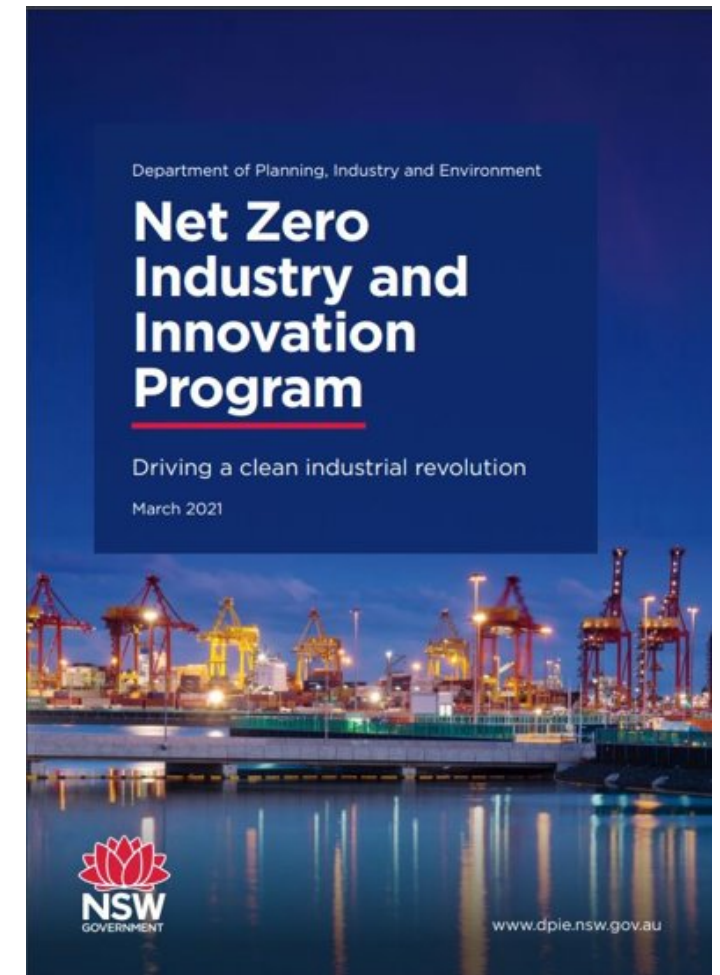


The NSW Government's plan to **support and partner with industry to reduce emissions** and help businesses prosper in a low carbon world.

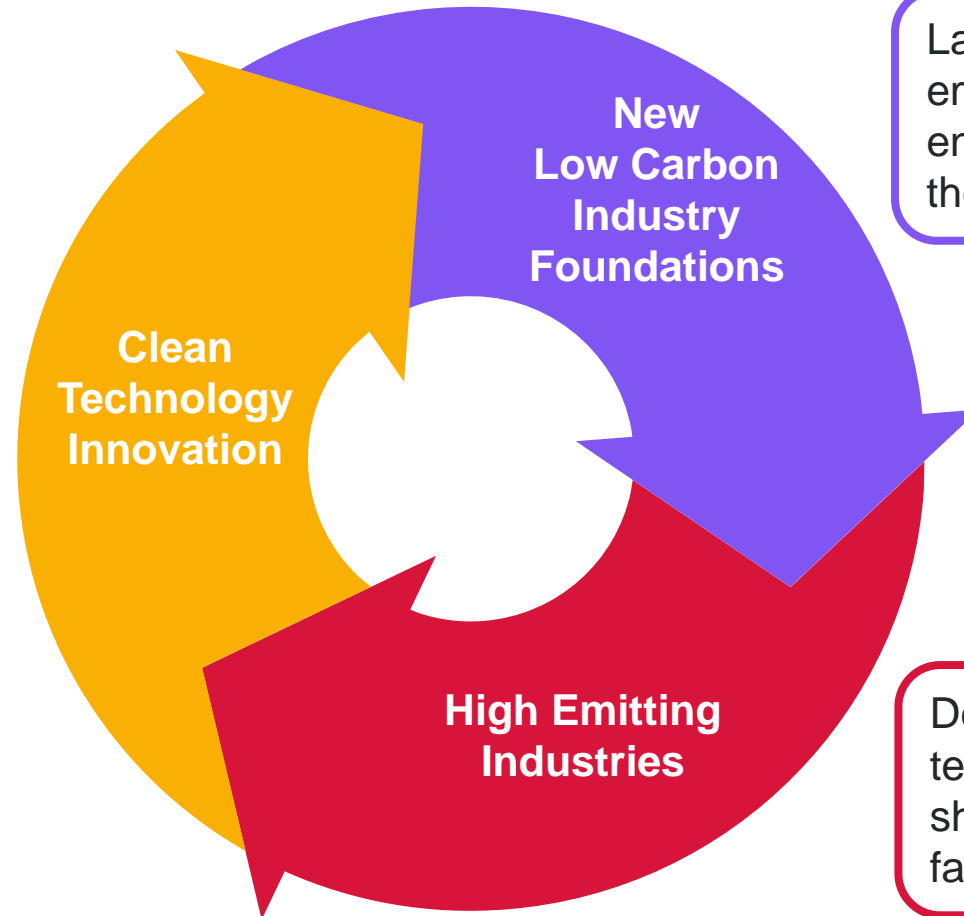
Over **\$1 billion** will be invested by the NSW Government to 2030.

It sets out the **importance of private co-investment** to deliver NSW's targets.

Giving business the **confidence to invest** in a low carbon future.



Program focus areas

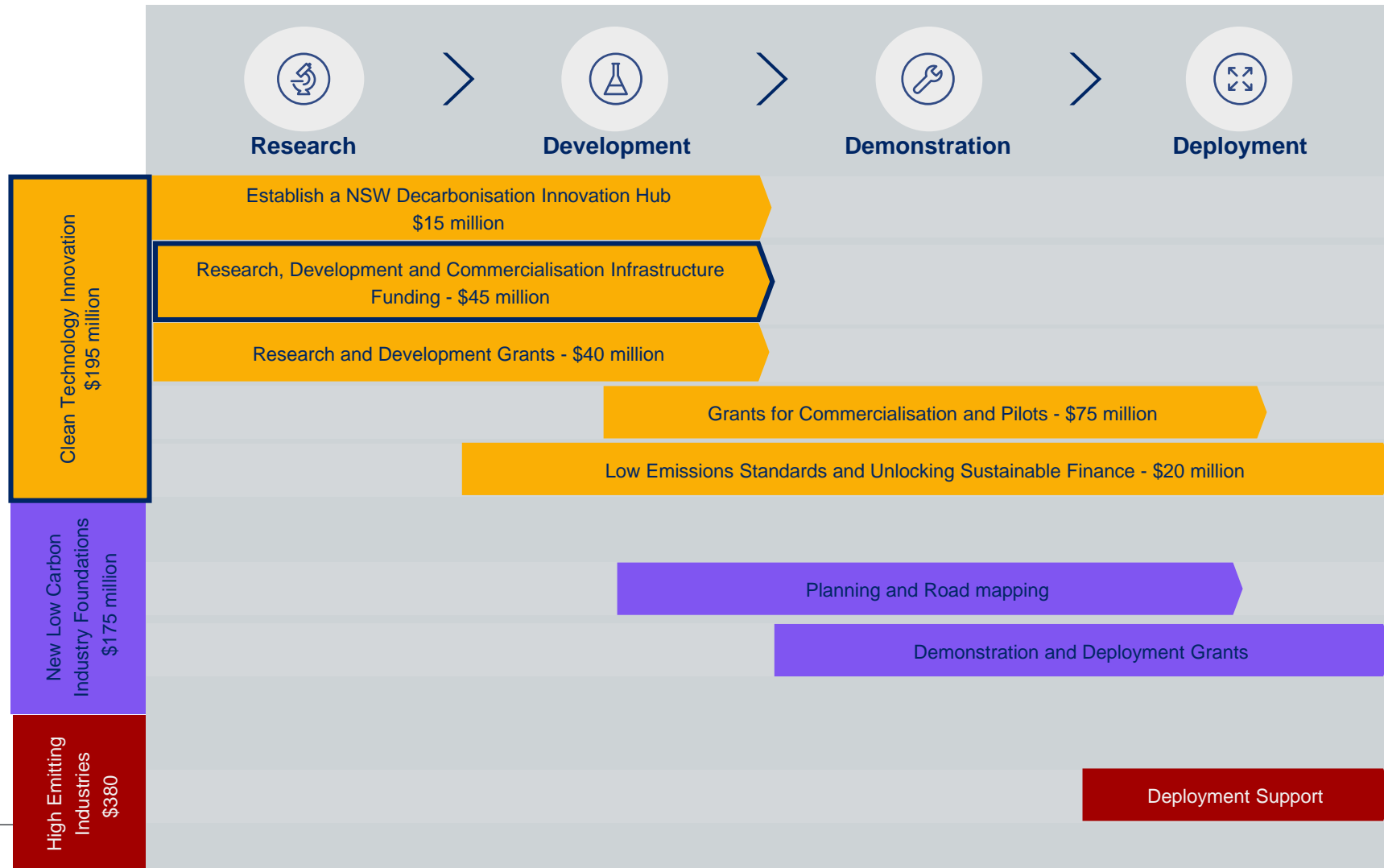


Supporting the development and continual innovation of emerging clean technologies

Laying the foundations for new low emissions industries by building enabling infrastructure and boosting the capability of supply chains.

Deploying proven low emissions technologies and infrastructure to shift existing high emitting industrial facilities to clean industrial processes.

Program streams



Priority areas

The current priority areas for the Clean Technology Innovation are:

- **Electrification & Energy Systems** – accelerating renewable energy solutions and supporting the uptake of electrification in other sectors.
- **Land & Primary Industries** – coordinating and aligning efforts in the next wave of sustainable land and primary industry practices as the sector contributes significant proportions of NSW emissions.
- **Power fuels including hydrogen** – growing an environmentally sustainable NSW powerfuels industry and unlocking decarbonisation opportunities for many hard to abate sectors beyond 2030.

These priority areas will guide investments across the Clean Technology Innovation streams.



Technology priority areas will be reviewed every two years as the OCSE Decarbonisation Innovation Study is updated



About this grant

Objective: to invest in infrastructure that facilitates the research, development and commercialisation of innovative clean technologies that have the potential to significantly reduce emissions in high-emitting and hard-to-abate sectors in NSW.

Funding infrastructure that:

- show strong commercialisation potential
- enhance domestic capabilities
- promote collaboration.

Available funding:

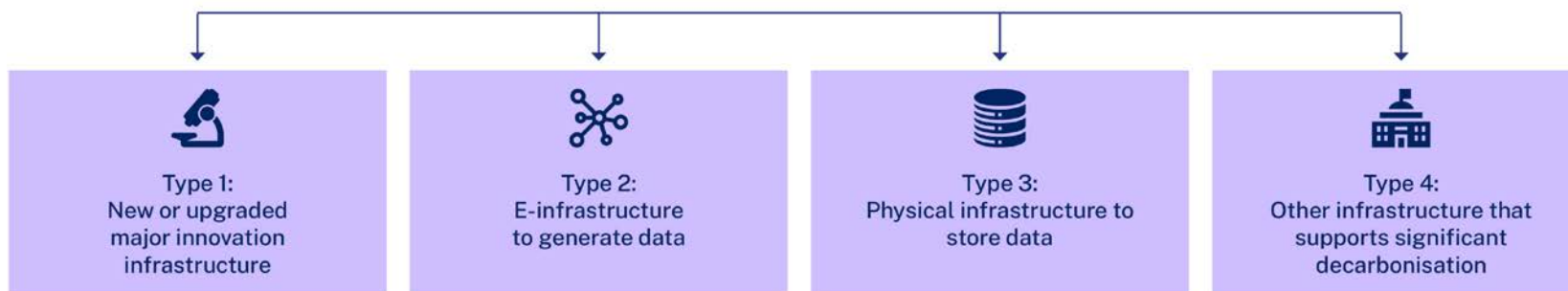
- grants \$1 million to \$10 million
- minimum 1:1 co-contribution required
- maximum of 3 applications per applicant.

Priority areas:

- electrification & energy systems
- land & primary industries
- power fuels including hydrogen.

Eligible infrastructure

New or improved assets, facilities and services which support the research, development and commercialisation of innovative clean technologies and business models in NSW



E X A M P L E

<p>Innovative materials</p> <ul style="list-style-type: none">• A purpose-built facility at the research institution to help transform multi-functional materials research into commercial reality.• The research supports the development of new and innovative materials in construction. The facility bridges the gap between breakthroughs, prototyping and commercialisation.	<p>Cloud research specific infrastructure</p> <ul style="list-style-type: none">• A research cloud, providing computer infrastructure and software.• Provides services to identify and access data, as well as training for researchers using similar systems.	<p>Alternative energy database</p> <ul style="list-style-type: none">• A scientific database on decarbonisation research and testing is an important tool for identifying and managing the risks associated with the diversity of materials, and the implications these have for technology choice and design.• Research and business sectors need access to knowledge systems that support research and testing to rapidly develop clean technology for commercialisation and safe use.	<p>Recycling and circular economy centre</p> <ul style="list-style-type: none">• The circular economy can assist with decarbonisation through the reduction in carbon inputs.• A collaboration of industry and academia working together to advance recycling technologies along the entire life-cycle of a product. Including a diverse range of world-class facilities to accelerate innovation across the full life-cycle.• The facility, or infrastructure, can develop economic and environmentally sound processes to commercialise opportunities not currently available in Australia.
--	--	--	--

Eligible applicants

- Core requirements for lead applicants.

Eligible projects

- Infrastructure must be based in NSW
- Supports clean tech at TRL 6-9 and/or CRL 2-3
- One of the four infrastructure types.

Criticality of grant funding

- Project would not proceed without this funding
- Meets co-contribution requirements.

Technical and commercial feasibility (30%)

- Overview of the project
- NSW's need for this infrastructure
- Technical feasibility
- Risks and IP management.

Capability and capacity (25%)

- Experience developing infrastructure projects
- Experience managing infrastructure projects
- Key personnel
- Collaboration details.

Financial feasibility (25%)

- High-level budget
- Financial feasibility of project
- Why funding is critical to the project
- Co-contribution details.

Accessibility and alignment to grant priorities (20%)

- Decarbonisation impact
- Environmental and economic benefits to NSW
- Accessibility of infrastructure
- Alignment with grant objectives.

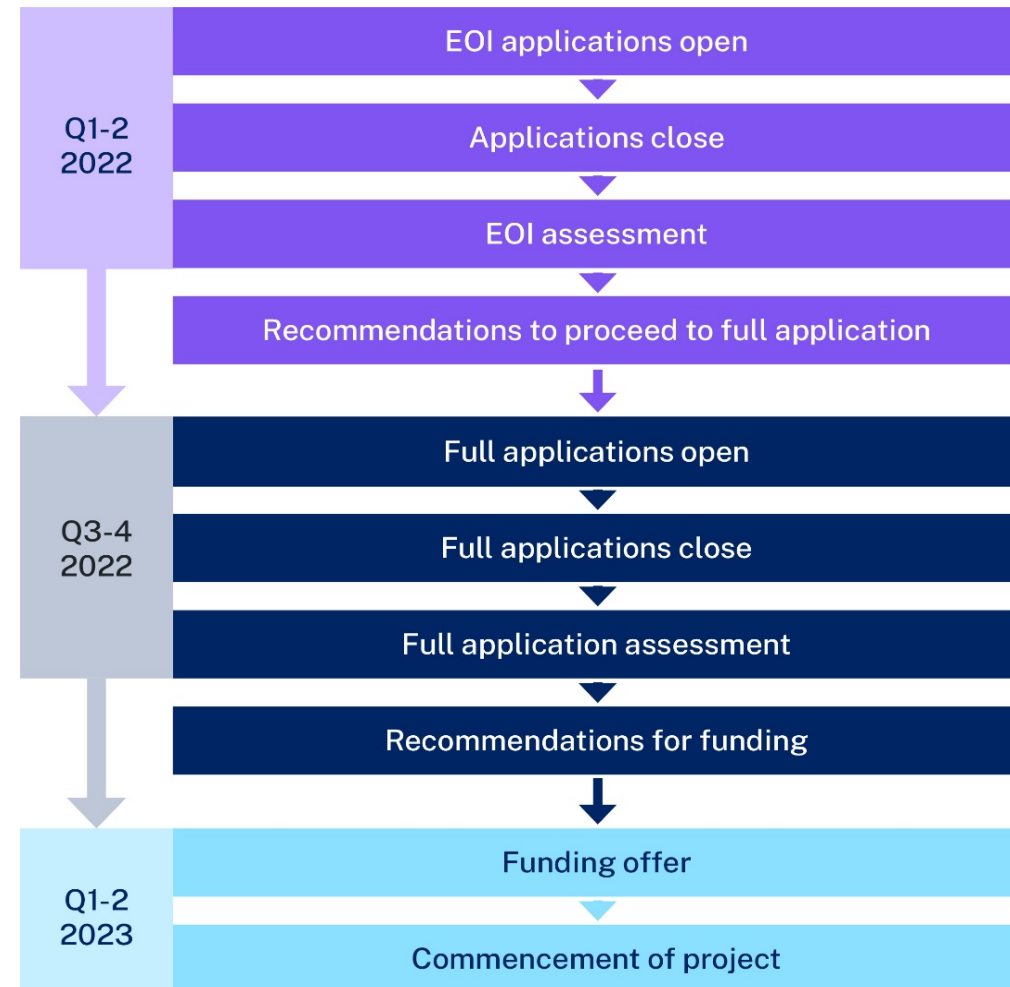
Two stage grant process

Key dates

EOI opened: 10 March 2022

EOI closes: 5pm, 22 April 2022

Full Application invited: July 2022

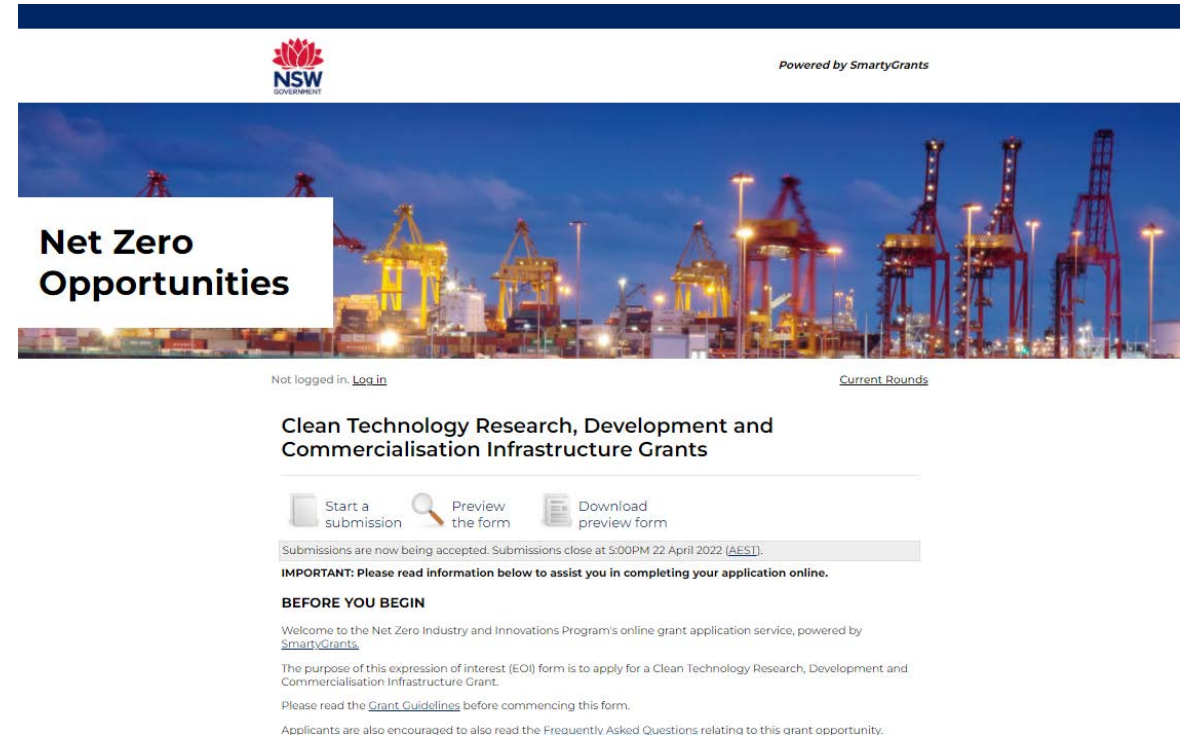


Submitting an EOI

EOIs will close at 5pm on 22 April 2022

- Access the EOI form via the grant website www.energysaver.nsw.gov.au/clean-tech-infrastructure
- All EOI applications must be submitted through SmartyGrants online
- For technical support completing the form, please refer to the SmartyGrants Help Guide available on SmartyGrants
- No late submissions will be accepted

SmartyGrants



The screenshot shows the SmartyGrants website interface. At the top, there is a dark blue header with the NSW Government logo on the left and the text "Powered by SmartyGrants" on the right. Below the header is a large banner image of an industrial facility at night with the text "Net Zero Opportunities" overlaid in a white box. Underneath the banner, there are links for "Not logged in. [Log in](#)" and "[Current Rounds](#)". The main heading is "Clean Technology Research, Development and Commercialisation Infrastructure Grants". Below this, there are three buttons: "Start a submission", "Preview the form", and "Download preview form". A grey bar contains the text: "Submissions are now being accepted. Submissions close at 5:00PM 22 April 2022 ([AEST](#))". Below this is an important notice: "IMPORTANT: Please read information below to assist you in completing your application online." The section "BEFORE YOU BEGIN" contains the following text: "Welcome to the Net Zero Industry and Innovations Program's online grant application service, powered by [SmartyGrants](#). The purpose of this expression of interest (EOI) form is to apply for a Clean Technology Research, Development and Commercialisation Infrastructure Grant. Please read the [Grant Guidelines](#) before commencing this form. Applicants are also encouraged to also read the [Frequently Asked Questions](#) relating to this grant opportunity."

Question time

Please post your questions in the chat

Thank you

Visit www.energysaver.nsw.gov.au/clean-tech-infrastructure for grant guidelines and to submit and EOI

Contact us: netzeroindustry@environment.nsw.gov.au

To stay updated on Net Zero Industry and Innovation Program, submit your details at www.energysaver.nsw.gov.au/netzeroindustry