

### National Science Foundation Global Centers: Use-Inspired Research Addressing Global Challenges in Climate Change and Clean Energy

#### The Opportunity

The National Science Foundation (NSF) Global Centers Program is an ambitious new initiative to fund international, interdisciplinary collaborative research centers that will apply best practices of broadening participation and community engagement to develop use-inspired/applied research on climate change and clean energy, leading to foreseeable benefits to society.

This Program will prioritise research collaborations which foster team science, community-engaged research, and use knowledge-to-action frameworks. The proposed research work should maximize the benefits of international, interdisciplinary collaborations.

As the Australian national science agency, **CSIRO** has an important role to play in connecting and strengthening the Australian innovation ecosystem, ensuring we are equipped to meet our biggest challenges for the future. This means harnessing global networks and facilitating opportunities for collaborative research across industry, government and science organisations.

Through the NSF Global Centers, Australian researchers will join with partners in the US and other countries to mitigate climate change impacts and develop clean energy solutions.

**Full details for this opportunity can be found [here](#).**

**Also note that there will be an information webinar for Australian Participants held 11am AEDT, 28 February 2023 accessible [here](#).**

#### This EOI

**This expression of interest is seeking to identify *nascent, developing and mature collaborations involving RMIT researchers* that fit within the scope of the **CSIRO call**.**

Projects must:

- 1.be Australian based
- 2.involve partnership with a US institution, and
- 3.demonstrate strong alignment with at least one of the CSIRO mission related themes

The CSIRO mission themes include:

- [Pathways to Net Zero](#)
- [Net Zero Regional Transitions](#)
- [Reducing Methane Emissions](#)
- [Integrated Energy Systems Intelligence](#)
- [Critical Energy Minerals and Energy Storage](#)
- [Scaling Clean Hydrogen Markets](#)

Each link will take you to additional information provided by CSIRO.

# NSF 23-557 Global Centres - Climate change and clean energy

## Form Preview

The total funding from CSIRO will be at a maximum of AUD \$7m over five years for Australian components in the Track 1 Global Centre Implementation Awards. The number of successful awards will be subject to the availability of funds.

CSIRO recognizes that tackling clean energy challenges requires multidisciplinary and transdisciplinary approaches and expects that partnerships may involve researchers from a range of fields. CSIRO will particularly welcome proposals that seek to work with Indigenous communities and organizations to create Indigenous-driven science solutions.

**Please proceed to the next page to complete the EOI.**

## Expression of Interest

\* indicates a required field

### Researcher \*

Title	First Name	Last Name
<input type="text"/>	<input type="text"/>	<input type="text"/>

### Applicant Primary Email \*

Must be an email address.

### 2021 College and School \*

- STEM - Computing Technologies
- STEM - Engineering
- STEM - Health and Biomedical Sciences
- STEM - Science
- DSC - Architecture and Urban Design
- DSC - Art
- DSC - Design
- DSC - Education
- DSC - Fashion and Textiles
- DSC - Media and Communication
- DSC - Global, Urban and Social Studies
- DSC - Property, Construction and Proj Mgmt
- CoBL - School of Accounting, Info Sys and Supply Chain
- CoBL - School of Economics, Finance and Marketing
- CoBL - School of Management
- CoBL - Graduate School of Business and Law

### Please list CSIRO priorities that are relevant to your research \*

- Pathways to net zero
- Net zero regional transitions
- Reducing methane emissions
- Integrated energy systems intelligence
- Critical energy minerals and energy storage
- Scaling clean hydrogen markets

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Form Preview

**Please briefly describe any nascent, developing or mature partnerships with University and/or industry partners in Australia and/or the US that you are participating in that are relevant to the CSIRO priorities you checked above (500 words or less). \***

Word count:

**Are you interested in taking a leading role in one of the themes? \***

- yes
- no