

RESS FSP Energy Storage Competition Rules of Play

Terms and Conditions

1. RESS FSP Energy Storage Competition

Your entry into and participation in the Revolutionary Energy Storage Systems Future Science Platform (RESS FSP) Energy Storage Competition (**Competition**) is deemed acceptance of these terms and conditions (**Rules**) which includes any information on how to enter and how winners are selected.

2. Organiser

The Competition will be managed and hosted by Commonwealth Scientific and Industrial Research Organisation (**CSIRO**) ABN 41 687 119 230 having its principal office at Building 101, Clunies Ross Street, Acton, ACT, 2601 in Australia.

3. When is it?

Applications will be open from 9am AWST on 2 October 2023 to 5pm AWST on 22 November 2023 (**Application Period**).

4. Who Can Apply?

Undergraduate students from the Participating Universities listed in item 5, who will be conducting their final year / capstone / honours research projects in the Research Areas listed in item 6 in the 2024 academic year.

5. Participating Universities

CSIRO has selected a number of Universities to work with in the inaugural Competition. If your University is not on the below list, please contact Ewa Ginal-Cumblidge ewa.ginal-cumblidge@csiro.au to discuss your eligibility.

Curtin University (WA)
Deakin University (VIC)
Edith Cowan University (WA)
Griffith University (QLD)
Monash University (VIC)
Murdoch University (WA)
RMIT (VIC)
The Australian National University (ACT)
University of New South Wales (NSW)
University of Queensland (QLD)
University of Western Australia (WA)

6. Research Areas

The Research Areas relevant to this Competition include, but are not limited to, the following energy storage pathways:

- Novel electrochemical systems to deliver the next generation (ultra-high energy and power density) batteries of the future

- Concepts to enhance efficiency of thermal energy storage systems for low, medium and/or high-grade heat sources
- Pathways to utilise magnetism as an enabler of energy storage platforms
- Smarter and more sustainable mechanical energy storage processes
- Sustainable chemical forms of energy storage, above and beyond biofuels
- Biological, bio-catalysed or bio-inspired energy storage concepts
- Energy storage underpinned by quantum physics

Your proposal does not have to fit into these Research Areas but it needs to be in a discipline that CSIRO has the in-house capability to assess and provide project mentoring. If in doubt, contact Ewa Ginal-Cumblidge ewa.ginal-cumblidge@csiro.au to discuss it.

7. How to get involved?

To participate in the Competition, you must:

- I. Come up with a brilliant energy storage idea.
- II. Find a supervisor at your university.
- III. Get confirmation that your idea, if successful, will be accepted as your final year/honours/ capstone research project.
- IV. Download the proposal template from the Competition website.
- V. Upload your Proposal to the online portal by 5pm AWST on 22 November 2023. **(Make sure that you do NOT include any confidential details in your Proposal.)**
- VI. Results will be announced no later than 15 December 2023. All participants will be notified by email.
- VII. Work on your winning project throughout 2024 academic year, in line with your university curriculum.
- VIII. Present your final results to CSIRO panel at the end of the academic year.
- IX. Be in the running for one of three MSc or PhD scholarships funded by CSIRO.

8. Application software

You must ensure that each part of your Proposal has been written by you, without the assistance of any writing assistants or artificial intelligence tools (e.g. ChatGPT).

9. Employment or engagement obligations

You promise and warrant that your compliance with these Rules is not inconsistent with any obligations you have, nor any third-party contract you are bound by. You warrant that your actions do not violate your University policies and procedures or the terms of any contractual engagement you have entered into.

10. Your Proposal

You promise and warrant that all the details submitted with your Proposal are:

- true and correct;
- not libellous, false, defamatory, overtly political and do not bring the Competition into disrepute;
- do not breach any obligation of confidence owed to any third party, including your University;
- you have all of the necessary rights, consents and licences to grant the rights to the Organiser as set out in these Rules;
- your Proposal is original and solely your own;
- your Proposal does not infringe the intellectual property rights of any third party.

CSIRO and the judges reserve the right to reject any Proposals that do not comply with these requirements, or in their reasonable opinion are not aligned with the spirit of these Rules or the Competition.

11. Intellectual Property (IP)

CSIRO will honour the IP arrangements each University has in place for their final year / capstone / honours projects.

If you own the IP in your research project you agree that if you are successful, you will grant CSIRO and its licensees and assignees a perpetual, world-wide, royalty free, licence to the intellectual property you may create during your research project.

If your University owns the IP in your research project, in the event that you are successful CSIRO will work with you and your University in order to facilitate a licence to CSIRO for the IP in the research project.

12. Receipt of Proposals

CSIRO will not be responsible for any late, lost, misdirected, corrupted, incomplete or incorrectly submitted Proposals. Proposals are deemed to be submitted at the time of receipt by CSIRO.

13. Winners

Up to 10 Proposals will be selected by the Judges.

The authors of the winning Proposals will be required to enter into an agreement with the University and CSIRO prior to commencement of their projects.

14. Project funding

CSIRO will provide up to \$10,000 to the participating Universities to cover operating expenses, for example lab supplies or necessary travel to a CSIRO facility.

15. Judging

The applications will be assessed by a panel consisting of representatives of CSIRO and Universities listed in item 5. University representatives will be assessing applications from their own University only. The Judges' decision is final and no further communication or correspondence will be entered into. CSIRO and the Judges reserve the right to reject any Proposals that do not comply with these requirements.

16. Evaluation Criteria

- Concept clarity (demonstrate clearly what the project will investigate)
- Degree of innovation (why is it innovative)
- Technical viability (evidence supporting the concept)
- Concept assessment/validation plan (how will the concept be tested for viability)
- CSIRO mentor* – preferably identified and engaged with the help of the supervisor

*Students unable to identify an appropriate mentor may contact RESS FSP Program Manager Ewa Ginal-Cumblidge for assistance.

17. Privacy

By submitting your Proposal and by participating in the Competition, you have given permission for the collection, use and disclosure of your personal information for the purposes of administering and promoting the Competition. Further information about what personal information may be collected as part of your Proposal submission and participation

in the Competition is contained in the Privacy Notice available on the submission website <https://www.csiro.au/energy-storage-comp>.

18. Use of CSIRO name

Unless otherwise agreed in writing, you must not use CSIRO's logo or trade marks in a way which suggests CSIRO endorses or is otherwise associated with your Proposal, ideas, business, organisation, products or services. In no case may you use CSIRO's logos without CSIRO's prior written consent.

19. CSIRO's Rights

CSIRO reserves the right to:

- I. Disallow Proposals in its absolute discretion.
- II. Verify the validity of Proposals and determine the eligibility of applicants (including an applicant's identity) and to disqualify any Proposals at any time where dishonest or misleading details have been given by an applicant, or where an applicant has behaved in a fraudulent or dishonest manner, or otherwise than in accordance with these Terms and Conditions or the spirit of the Competition.
- III. Terminate or amend any aspect of the Competition without notice at any time in its sole discretion in the event that any aspect of the Competition cannot be reasonably conducted as planned; and
- IV. Enforce any of its rights at any stage and failure to do so does not constitute a waiver of those rights.

20. Liability

To the full extent permitted by law, CSIRO, its subcontractors and affiliates exclude all liability including direct, indirect, special or consequential (including negligence, personal injury or any loss or damage), arising in any way in connection with or related to the Competition and the performance of these Rules. This exclusion includes, but is not limited to, loss of profit, business or commercialisation opportunity as well as losses or damages arising from: breach of confidence or third party rights; IP infringement arising from your participation in the Competition; or technical difficulties, equipment malfunction or third party interference.

21. Inconsistencies

In the event of other terms and conditions being provided in relation to the Competition or published in relation to the event, any inconsistency between such terms and these Rules, these Rules will prevail.