

INFORMATION & NOMINATION GUIDE

ATSE Awards 2021

CLUNIES ROSS AWARDS



Australian Academy of
Technology & Engineering

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Australian Academy of
Technology & Engineering

DEADLINE

5.00pm AEDT Monday 18 January 2021

The Australian Academy of Technology and Engineering advocates for a future in which innovation driven by technology, sciences and engineering contribute significantly to Australia's social, economic and environmental wellbeing.

The celebration of innovation driven by the technological sciences and engineering is a key strategic priority of the Academy.

The Clunies Ross Awards were established in 1991 to be presented annually, named after Sir William Ian Clunies Ross who founded the CSIRO. Clunies Ross Awards are made in three categories: Entrepreneur of the Year Award, Knowledge Commercialisation Award and Innovation Award. A team or person can only receive one Clunies Ross Award, as no one person or team will receive more than one ATSE award in any one year.

Purpose

The Clunies Ross Awards recognise contributions by dedicated individuals, or teams (in exceptional circumstances where the weight of the contribution is difficult to distinguish), who have shared their vision and knowledge with others to apply technology for the benefit of Australia, and beyond.

Selection criteria

The selection criteria for the Clunies Ross Awards, regardless of the category are:

- Evidence of a significant contribution to the advancement of industry and/or the community and/or the environment through the application of science, technology and engineering for the economic, social and/or environmental benefit of Australia
- Evidence of impact or clear potential impact of the technology based innovation in Australia
- Promotion of innovators and contribution to community awareness of technology based innovation.

It is the selection committee that based on the evidence provided will decide in what category the Clunies Ross prize will be awarded to the nominee. This decision depends on where the emphasis and weight of the evidence around entrepreneurship, commercialisation results or innovation lies. It is essential to recognise that for all categories, all the elements of entrepreneurship, commercialisation outcomes and innovation play a significant role and none can be missing from the nomination.

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Team nomination

Where the nominator believes that it is most appropriate to nominate a team (with no more than three individuals), this must be fully justified. It is essential in this case that the nomination demonstrates conclusively that the outcome could not have been achieved without each of the nominees being associated for the majority of the total time involved, and in equal measure notwithstanding the different roles that the individuals play in the team. For example, simply including the name of a co-inventor on a patent application is not sufficient evidence of equal contributions.

The nominators are encouraged to ensure diversity in the nomination in the sense of ensuring that not all nominators and the supporting evidence emanate from a single organisation.

Assessment criteria

In assessing the nominees, the following Criterion will be taken into account for each award. The Nominator should specifically address these criteria towards the Award Category being applied for and provide specific examples and data, including links to public information, as necessary.

Whilst quantitative data is an essential element to be provided to assist in the assessment of nominees, qualitative data is also critical in balancing out any application.

Criterion 1: Contribution and application

- A description of the product or licence or technology involved, its nature, its name or designation and how it is protected through patents, know how or trade secrets. The description should include details of the beneficial/commercial owner and the relationship to the nominee(s) if they are not the same.
- A description of the outcome and the impact the contribution has made and in what field. The history and status of the contribution from the date it was first defined to the present, including the date when it became a commercial reality, achieved broad market acceptance or was widely used in the community, should be included.
- Evidence of the nature of the contribution demonstrating entrepreneurship, knowledge commercialisation, and innovation. A clear outline of the personal involvement of the nominee(s) through all stages from discovery to commercial application is important here. It is not expected that all three aspects of entrepreneurship, commercialisation and innovation are equally important in the nomination.
- If patents protect the invention, evidence should be provided to show the nominee(s) role.

It is important that in this section, persistence is demonstrated (this may be over a considerable period). View this as evidence of 'going the extra mile' - evidence of the continuity of involvement of the nominee(s) from discovery through the creation of the product and its successful and sustainable commercial application. It is recognised that others will have been involved during this process as specialists but the nominee(s) must have had the leading and decisive role throughout, as substantiated by the evidence in the nomination.

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Criterion 2: Demonstration of impact

- Impact is understood in broad terms:
 - Where the main outcome has been the commercialisation of a product(s) or technology into a defined market place provide details of sales, the impact on the market and the relevance to competitive position going forward.
 - Where the outcome has been the licensing of technology into the market place: Financial details of the licence plus details on the uptake of the technology as a result of the licence
 - And/or; where the outcome is measured as significant social or environmental benefit to Australia it is important to provide estimates as to the magnitude of that benefit in terms of cost savings or other tangible and verifiable outcomes, including the extent to which the contribution has been widely adopted.

Verifiable evidence that could be brought to bear under impact include

- Financial: details of sales, financial details of licenses, financial impact as a result of uptake of the technology.
- Jobs: jobs created, transformed (Up skilled) or secured (avoided job loss), with preference to Australian jobs.
- Productivity: productivity improvement, evidence of added value to product or process.
- Competitiveness: improved position in global supply chain, evidence of impact on the market.
- Sustainability: evidence of long-term impact to an industry, user service or product that is transformative to existing processes.
- Social Impact: evidence that the impact is sustainable including evidence of impact in the areas of health, safety, environment, compliance and community impact; improvement for an identified subset of the community, or a previously unmet need.

Criterion 3: Advancement of technology

- Evidence of the nominee's outstanding record of commitment to successful innovation involving the application of science, technology and engineering to the economic, and social or environmental benefit of Australia. Excellence in research is not sufficient.
- Evidence that the nominee/initiative has had a profound impact on the cultural environment within organisations such as public funded research bodies/ universities or industry.
- Evidence of mentorship, going the extra mile in terms of developing a next generation of science, technology and engineering led innovators and entrepreneurs.

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Supporting documentation

A maximum of five supporting documents (including a CV document) are permitted per nomination. A nominator can upload into the Nomination Portal supporting documents such as:

- Quantitative documentation, for example a company Annual Report
- Referee Reports (completed on the official Referee Report Form)
- Nominee's CV (no more than two pages per person)
- Links to published patents, or patent submissions
- Any external acknowledgement of inventorship
- Financial details of sales, or licenses, and/or clearly identified financial impact as a result of uptake of the technology.
- Jobs created, or transformed (up-skilled) or secured (avoided job loss), with preference to Australian jobs as part of the impact
- Productivity: productivity improvement, evidence of added value to product or process
- Competitiveness: improved position in global supply chain, evidence of impact on the market
- Sustainability: Evidence that the impact is sustainable and transformative.
- Social Impact: evidence of impact in the areas of health, safety, environment, compliance and community impact; improvement for an identified subset of the community; or a previously unmet need
- Evidence of other external recognition.

Past recipients

Past Recipients of the Clunies Ross Awards will not be considered for another award of the Clunies Ross Awards.

Previous Nominees

Previous Nominees are eligible for renomination and to be considered for a Clunies Ross Award. New documentation must be submitted.

Confidentiality

Each nominee and nominator gives permission for all the details contained in the nomination to be released to the members of the Selection Committee (both those listed in the nomination form and external referees) for the purposes of the selection process. In case confidential (commercial in confidence) information is provided this should be labeled as such.

Selection Committee deliberations and recommendations will remain confidential.

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Nominee obligations

The Nominee should note that a description of the work being acclaimed and images of the winner will be publicised. It is expected that the winners will

- Attend the award ceremony in mid-2021 (details to be advised)
- Participate in activities as reasonably requested by ATSE within 12 months of receiving the award to promote the importance of engineering to Federal and State parliamentarians and administrators, and the technology and innovation communities, to reinforce with these communities the contribution technology makes to Australia's reputation as a centre of technology and innovation leadership.
- Work with ATSE to promote the importance of technology.

Referee information

Referees should be knowledgeable of the Nominee's achievements but independent of the nominee's contributions. Referees need to identify their link to the Nominee as appropriate.

Referees MUST submit their supporting documentation using the official Referee Report form and return their completed form to the Nominator for uploading into the Nomination Portal by 5pm AEDT Monday 18 January 2021.

CHECKLIST

The following materials constitute a complete nomination:

- PART A** - Nominator and Nominee information
- PART B** - Application overview
- PART C** - Selection Criteria
 - CRITERION 1 - Contribution and application
 - CRITERION 2 - Demonstration of impact
 - CRITERION 3 - Advancement of technology
- PART D** - Nominator overview
- PART E** - Referee information
- PART F** - Nominee supporting documents (maximum of five and less than 10Mb each)
- PART G** - Referee Reports
- REFEREE FORM**
- DEADLINE** - Lodgement must be before 5pm AEDT Monday 18 January 2021.

PLEASE NOTE the Proposer and / or the Nominee may be called upon by the Selection Panel to provide evidence of claims made within submitted documentation.

LODGE MENT

Closing date

5.00pm AEDT
Monday 18 January 2021

Nominations must be lodged by email to

ATSE.Awards@atse.org.au

Only electronic submissions of nominations and attachments will be accepted.

Incomplete applications and any received after the closing time and date will not be considered.

All decisions taken by the Selection Committee will be final.



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Advice and information

Elvira Copur
Fellowship Manager
Australian Academy of Technology and Engineering
0402 914 127 (9am–5pm AEST / AEDT)

ATSE.Awards@atse.org.au

In accordance with the Privacy Act, ATSE protects the privacy and security of information provided by you. By completing this form you agree to the use of your personal information by ATSE for purposes related to the Batterham Medal award program; that ATSE may contact you about our products and services; and that ATSE may use this information for internal purposes. If you do not wish to receive further information from ATSE, please email info@atse.org.au or call 03 9864 0900.