

Research and Innovation

Overview

Research and Innovation constitutes the first stages of development of a potential new service or product by individuals, the community, industry and academia. The award includes digital research development activities undertaken in developing novel/"new to market" services or products or improving existing services or products within Western Australia.

Description

Research and Innovation refers to digital development activities undertaken by postgraduates, industry, corporations, universities or governments in developing new digital services or products or improving existing services or products. Research and Innovation constitutes the first stages of development of a potential new service or product.

The Innovative Research award is for outstanding Digital Research, Development & Innovation.

Entrants must own at least some of the intellectual property of their Innovation or be in the process of negotiating IP ownership or licence agreement. If requested, details of the IP ownership or licence agreement of the Innovation must be able to be provided.

NOTE:

- The Innovative research award includes entries from postgraduate tertiary students.
- Involvement of the supervisor in stage 2 judging **can only** be as an observer.

Sample Market Sectors

Remote Service Delivery, industry collaboration, big data, XR. Intelligent automation; Supply chain, B2B, ICT solutions, blockchain, Banking; Finance; Insurance; Legal; Accounting; Architecture; HR; Administrative Services; Mental Health, Aged Care, Agriculture; Mining; Oil & Gas; Energy; Manufacturing; Construction; Transport; Utilities.

Research and Innovation Criteria and Attributes

Entries in the Research and Innovation award will be judged according to the following criteria:

Innovation

This criterion judges the degree of innovation:

- Uniqueness;
- Complexity - use of technology;
- Creativity / trend setting
- Type of innovative impact – incremental, disruptive, radical or architectural.

Benefits Realisation

This criterion judges the advantages of the solution:

- Understanding the problem to be solved;
- Understanding of how the research can be applied or used;
- Effectiveness of the solution in delivering its stated outcomes /understanding the problem to be solved;
- Understanding of the environment (environment in which the solution is intended to be used in the creation of the project);
- Understanding of the market/user base and the problem to be solved; and/or
- Understanding of the functions/features needed to implement the research outcomes.

Quality of Solution

This criterion judges the quality and application of technology of the:

- Underlying new and existing technologies used;
- Research methodology;
- Application of design and development standards;
- Proof-of-concept acceptance.