Research Grants Information

Beings Systems Details for Grant Applications

Linkage Project Style

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Beings Systems & Research Grant Applications

At Beings, we understand the difficulty surrounding finding and receiving the funding you need to complete your research. As a provider and facilitator of research services, we are making it our responsibility to help accelerate your research and its impacts. This means giving you the tools you need to make the process easier.

We have designed the information in this document around the details required for Linkage project grants in Australia. However, this information is generic and you are encouraged to use and craft the details we provide here for any and all of your grant applications. Your use of this information does not automatically commit Beings to any obligations or deliverables unless you have explicitly entered into a grant support agreement with Beings.

Please think of us as a unique method and tool that you can use to provide the benefits your research creates and show its novelty. Our descriptions may be integrated into your narrative, but not grossly modified or misconstrued.

The majority of the information here will be entered under the project description sections of grant applications. Particularly the Benefits elements.

Research Management System (AUS)

Beings is not a researcher nor can we provide any persons/researcher for your projects. Beings does not hold an RMS profile as we do not apply for grants to conduct our own research, nor are we a partner organisation in terms of funding contributions.

Beings Systems Application Details

Linkage 'Part D: Project Description'

Project Quality and Innovation & Collaboration

How the project will significantly enhance links with industry and/or other organisations outside the Australian publicly-funded research and higher education sectors.

Conducting research with space industry partners, like parabolic flight providers, increases the level of participation available to researchers in supply chains, international collaborations, international funding opportunities and federal government grants and programs.

Continued research significantly enhances the linkages between aerospace providers as providers can continue to improve the scope, efficiency and quality of research outcomes they are able to provide through continued work with Australian researchers.

The export value of these services also significantly increases the scope of research Australians are exposed to from other national agencies, e.g. NASA and the Canadian National Research Council (NRC) Parabolic flight programs.

Conducting flight research enables Australian industry to develop and continue to maintain capabilities that can significantly enhance the scope of research Australian can conduct. This generative cycle in turn grows the scope of funding and collaboration opportunities available to Australian researchers.

Benefit

The economic, commercial, environmental, social and/or cultural benefits for relevant Australian research end-users (including relevant industry sectors);

Parabolic flight creates a completely new environment for the application and development of new and existing technologies, research and methods. For the end user of these research impacts, this provides a larger scope of possibilities, tools, knowledge and methods able to be applied to achieve their commercial and economic objectives, e.g. New materials, medicines, biological knowledge, environmental observation (amongst others).

The potential contribution to building capacity in the Australian Government's National Science and Research Priorities and other priorities identified by Government;

Parabolic flight creates a completely new environment for the application and development of new and existing technologies, research and methods. This new environment expands the capacity of research able to be conducted under the current national science and research priorities by bringing on-shore and within budget, research services previously only available to the few who could afford the high cost and long-lead times of accessing these specialised

services overseas. This new environment presents many opportunities for novel experimentation and international collaboration, e.g. <describe your research>.

A parabolic flight capability is the best means of qualifying experimentation for further application in more demanding environments. For example, the International Space Station. The ability to qualify for these facilities also increases the capacity of experimentation under the current national science and research priorities.

NB: This new environment has been used by NASA to enable a number of novel experiments that can be conducted in food security, human longevity, medicines and health, types of advanced material manufacturing and for the development of space technologies for monitoring soil and water, resources, and environmental change.

The contribution of the research to developing strategic research alliances between the higher education organisation(s) and industry and/or other organisation(s);

Parabolic flight research is a new branch of investigation for Australia, but has been contributed to for decades by many national space organisations. Developing collaboration in these fields, presents a significant opportunity to and leading research alliances in these fields.

Strategies to encourage dissemination, commercialisation, and if appropriate, the promotion of research outcomes;

Research alliances and close collaboration with national space organisations inherently increases the dissemination of research and the opportunity to apply research to commercial outcomes. National collaboration creates easily understandable and supportive narratives surround the research impacts that arise.