## *SIEF Experimental Development Program*

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**Overview**

The SIEF Experimental Development Program (EDP) is designed to address a significant gap in current funding options available for progressing technology development to a stage suitable for attracting commercial investment and market uptake.

# SIEF EDP Objectives

To support Research that:

1. is at the experimental development end of the research continuum
2. translates research for commercial impact
3. moves discoveries along the pathway to commercialisation
4. accelerates commercialisation and entrepreneurial activities
5. ‘de-risks’ for future commercial investors

# EDP Eligibility Criteria (Refer to Guidelines for further details)

1. Lead Applicant must be an Eligible Organisation
2. Research activities must primarily be conducted by the Lead Applicant
3. Pre-screening for commercial viability must have been conducted by the Lead Applicant
4. Research activities must align with the SIEF Primary Purpose
5. Funding will only be available for activities that fall under the definition of ‘*Research’*; and specifically, ‘*Experimental Development’*
6. Application must be endorsed by all Collaborating Organisations; Application must be endorsed by a delegate of the Organisations having an appropriate level of delegation
7. Lead Applicants/institutions must comply with the [Australian Code for the Responsible Conduct of Research (2018)](https://www.nhmrc.gov.au/about-us/publications/australian-code-responsible-conduct-research-2018) and researchers must have completed any relevant training provided by their institutions.
8. Successful Applicants must enter into a SIEF Funding Agreement by the specified date

*We strongly recommend that you ask an external industry advisor with commercial experience to review your entire application including attachments, prior to submission.*

# Assessment Criteria (Refer to Guidelines for further details)

*Further information regarding the terms and conditions of the SIEF Experimental Development Program, including level and period of funding, assessment process, post-award reporting and funding agreement, can be found at* [*www.sief.org.au*](http://www.sief.org.au/)*.*

***(Please delete the above section before submission)***

## Science and Industry Endowment Fund

## Experimental Development Program

# Application Form

**If you are considering submitting a proposal to the SIEF EDP, please contact the** [**SIEF Team**](http://www.sief.org.au/Contacts/Contacts.html) **prior to commencing your application to discuss key aspects including eligibility.**

This form must be completed for each application. All applications must be endorsed by the Authorised Delegate (refer below) of the Lead Applicant, as well as each Collaborating Organisation.

Applications should adhere to the page limits as indicated at relevant sections (excluding the appendices) and supply only the information requested. A **minimum of 10 point font** should be used.

Please read the [**Guidelines**](https://sief.org.au/csiro-gift/experimental-development-program-2/) before completing the application.

An [**Application Checklist**](https://sief.org.au/csiro-gift/experimental-development-program-2/) must be completed and accompany the application submission

**Section A – Brief outline of proposal (non- confidential)**

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| **Project title:** *(as per C1 below)**Please provide a non-confidential description of your proposal to be used for:** *reviewers to confirm no conflict of interest before receiving the full Application*
* *placement on the SIEF Website if Application is successful*

***[Maximum 1/3 page]*** |

**Section B – Details of Applicant(s)**

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| **B1: Lead Applicant: (*Name of PFRA)*** |
|  |
| **B2: Who is the Lead PFRA Authorised Delegate** (*see Guidelines)* |
| **Salutation:** |  | **First name:** |  | **Last name:** |  |
| **Mailing address** |  |
| **Email:** |  | **Phone:** |  |
| **B3: Who is the Lead Researcher** |
| **Salutation:** |  | **First name:** |  | **Last name:** |  |
| **Mailing address** |  |
| **Email:** |  | **Phone:** |  |
| **B4: Collaborating Organisation(s): (*Name of agency / university / company)*** |
|  |
| **B5: Contact details for Collaborating Organisation(s)**  |
| **Salutation:** |  | **First name:** |  | **Last name:** |  |
| **Mailing address** |  |
| **Email:** |  | **Phone:** |  |
| *Duplicate this section if additional Collaborating Organisations* |

|  |
| --- |
| **B6: Compliance with the Australian Code for the Responsible Conduct of Research (2018)**The 2018 Code is a crucial part of the framework for the responsible conduct of research in Australia, presenting eight principles of responsible research and twenty-nine key responsibilities for researchers and institutions. Institutions and researchers seeking funding from SIEF are expected to be conducting research that aligns with the 2018 Code ([Australian Code for the Responsible Conduct of Research 2018](https://www.nhmrc.gov.au/about-us/publications/australian-code-responsible-conduct-research-2018)). |
| Has the Lead Applicant/institution adopted the 2018 Code? |
| Yes [ ]  | No [ ]  |
| Has the Lead Researcher undertaken any learning and development programs associated with the Code offered by Lead Applicant/institution? |
| Yes [ ]  | No [ ]  |

**Section C – Details of Proposal**

*The Applicants can determine the amount of information provided for each question, but the* ***total for Section C (excluding attachments) should not exceed 6 pages****.*

*Dot points are provided as a guide to the type of information you may wish to include, but please also refer to the* ***Guidelines****. (Dot points can be removed in completed Applications)*

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| **C1a: Project title:** |
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| **C1b: Project summary:** *short overview of proposal including a description of the market opportunity, team, innovation and impact* |
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| **C2a: What is the innovation?*** *What is the product, technology, IP or service, and why it is unique and novel?*
* *How long has the innovation been under development and what stage is it currently at?*
* *What are the challenges / barriers that will be faced in developing the innovation?*
* *Description of known technical risks*
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| **C2b: What is the Technology Readiness Level (TRL)?*** *For further information on TRLs refer* [*SIEF EDP Guidelines*](https://sief.org.au/csiro-gift/experimental-development-program-2/) *- Definitions*
* *Provide a brief explanation/justification for the TRL chosen, including against which TRL scale/domain you are referencing (refer Guidelines)*
* *Outline what TRL the technology will be at by the end of the EDP funding period*
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| **C3a: What is the Market Opportunity?*** *What is the market opportunity targeted?*
* *Customers - how will they be secured and how will they be serviced? Include any existing customers*
* *Is the IP underpinning the application encumbered in any way and would it constrain or prevent further commercialisation - such as existing licenses, licenses under negotiation, shared ownership, customer contracts or is it nominated as a platform?*
* *Any competition to the innovation that currently exists and why different and better?*
* *Description of known commercial risks*
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| **C4a: Likelihood of increased commercial outcomes from publically funded research;****Alignment with Federal Government intention to increase commercial outcomes from publically funded research*** *Path to Impact*
* *Benefit to Australia - economic, environmental and/or social*
* *Why is this not being funded by industry?*
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| **C4b: Business Plan?***Please attach a standalone summary of your Business Plan (10 page maximum). This should provide a clear indication of the path to commercialisation and commercial viability* |
| *Refer Guidelines for further information* |
| **C5a:** **Alignment with** [**SIEF Primary Purpose**](http://www.sief.org.au/AboutSIEF/Strategy.html) **and justification for SIEF support*** *Why SIEF support?*
* *Additionality*
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|       |
| **C5b:** **Alignment with SIEF Experimental Development Program Objectives*** *experimental development end of the research continuum*
* *translates research for commercial impact*
* *moves discoveries along the pathway to commercialisation*
* *accelerates commercialisation and entrepreneurial activities*
* *‘de-risks’ for future commercial investors*
 |
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| **C5c:** **Alignment with organisational strategies – now and in the future*** *Alignment with the Lead Applicant and Collaborating Organisation(s) strategic objectives*
* *Collaborative nature of the proposal*
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| **C6: Who are on the proposed team?*** *Why are these the best people for the team?*
* *Is there an appropriate spread of skill-sets included?*
* *What additional skill sets may be needed beyond the proposed team?*
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**Section D – Details of the project activity**

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| **D1: Work Program, Milestones and Financial Summary** *– please also attach Excel document (use* [*template*](https://sief.org.au/csiro-gift/experimental-development-program-2/)*)** *Timeline*
* *Outline of work to be undertaken*
* *Quantitative Milestone are to be included in Excel document (refer instructions tab)*

**[1/2 page plus Excel document]** |
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| **D2: What ‘other activities’ (outside the SIEF Funding Agreement) will also need to be conducted in order for the market potential to be realised? How will this be resourced?***Despite not being funded through SIEF, these activities are essential to project success. They need to be undertaken in parallel to Experimental Development activities and have alternative resourcing identified.**Examples of ‘other activities’ include:** *business development, company establishment*
* *IP advice and costs*
* *manufacturing activities, regulatory costs*
* *marketing*

 **[1 Page] Add/delete rows as required.** |
| **Other Activity** | **Description of work to be conducted**  | **How will this be resourced?** |
| *e.g. IP advice and costs* | *e.g. Conduct patent landscape search, work with Business Unit IP manager to develop IP strategy* | *e.g. CSIRO budget available and approved.* |
|  |  |  |
|  |  |  |
| **D3: Anticipated source of continued funding post SIEF grant****[1/2 Page]** |
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## *SECTION E – Endorsement of Lead Applicant*

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| --- |
| **Endorsement of the Lead Applicant**  |
| *[Do not delete these conditions]**NOTE: By signing below, the signatory represents that he/she has authority to do so and that, if successful, the Lead Applicant is agreeing to:*1. *provide the cash and/or in-kind contribution specified above, and that this contribution combined with the contributions pledged by the Collaborating Organisation(s) (if any) is sufficient to support the EDP project if the Application is successful;*
2. *the publication of the project title, name of Lead Applicant and the non-confidential Brief Outline (Section A) of this application, including on the SIEF website; and*
3. *Execute the Funding Agreement within 30 days of approval.*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Signature of Authorised Delegate of Lead Applicant\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Position\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date |

## SECTION F – Endorsement of Collaborating Organisation

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| **Endorsement by Collaborating Organisation:** |
| *[Do not delete these conditions]**NOTE: By signing below, the signatory represents that he/she has authority to do so and that, if successful, the Collaborating Organisation is agreeing to:*1. *provide the cash and/or in-kind contribution specified above, and that this contribution combined with the contributions pledged by the Lead Applicant and other Collaborating Organisations (if any) is sufficient to support the EDP project if the Application is successful;*
2. *the publication of the project title, name of Lead Applicant and the non-confidential Brief outline (Section A) of this application, including on the SIEF website; and*
3. *Execute the Funding Agreement within 30 days of approval.*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Signature of authorised officer of Collaborating Organisation\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Position\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date*Duplicate this section for each Collaborating Organisation* |

## Administrative contact details of Lead Applicant

|  |  |
| --- | --- |
| **Contact:** |       |
| **Email:** |       |
| **Phone:** |       |

## Administrative contact details of Collaborating Organisation

|  |  |
| --- | --- |
| **Contact:** |       |
| **Email:** |       |
| **Phone:** |       |
| *Duplicate this section for each Collaborating Organisation* |

## SECTION G – Submission

All documentation relating to an individual Application must be assembled into one word or pdf file.

All information should be included in the Application form template. If a diagram/table is considered absolutely necessary, please ensure it is self-explanatory, clear and relevant.

Include in your submission:

- Completed Application (this template)\*

- Business Plan summary (Question C4b)

- [Excel document containing milestones and finances](http://www.sief.org.au/FundingActivities/EDP.html)\*

- [EDP Checklist](http://www.sief.org.au/FundingActivities/EDP.html)\*

\*Templates are available on the [SIEF website](https://sief.org.au/csiro-gift/experimental-development-program-2/).

Applications should be submitted to sief@sief.org.au

All Applications will be acknowledged by SIEF and provided with a SIEF Reference number to be used in all subsequent correspondence; please contact the SIEF Team if you do not receive this acknowledgement.

**Privacy**

SIEF and CSIRO (as administrator of the SIEF) is committed to your privacy and will handle any personal information provided to us in accordance with the Australian Privacy Principles (APPs) and the *Privacy Act 1988* (Cth) and CSIRO’s [privacy policy](http://www.csiro.au/en/Privacy.aspx).