CSIRO Kick-Start Program

Expression of Interest - SAMPLE

This form will be used by the CSIRO SME Connect team to assist in locating the most suitable researcher/s within CSIRO to undertake a project for your company. Once a researcher has been identified, you will be put in contact with them and, if applicable, they will develop and cost a proposal for you. They can then prepare a full application form which you will need to sign and attach appropriate documentation to. The SME Connect team aims to review fully completed applications within 5-10 working days.

Please read the 'CSIRO Kick-Start Program and Eligibility Guidelines' document before emailing this form to:

Dr Megan Sebben, Kick-Start Program Manager, CSIRO SME Connect, kickstart@csiro.au

Company Details

A1. Name:	Great Innovation Company Pty Ltd
A2. ACN / ICN:	**10 123 456 789** Is the company Aboriginal and/or Torres Strait Islander-owned? **No**
A3. Year of registration:	**2022**
A4. Business address:	90 Sample St, Bundaberg QLD 4670
A5. Website:	www.GICsample.com.au
A6. Contact person name:	Kim Innovation
Position:	Chief Technical Officer
Telephone number:	04 123 412 434
Email address:	Kim.innovation@gicsample.com.au
A7. Number of staff/FTE:	10
A8. Have you read the Kick-Start Program Guidelines? **Yes**	

A9. In order to qualify for the program the company must demonstrate they meet all of the following eligibility criteria (at time of full application). The company must…

- ☐ Have an annual turnover and operating expenditure of less than $10 million in the last complete financial year
  OR
  ☒ Have been a registered company for less than 3 years
- ☒ Be an Australian-based company who are non-tax exempt, and registered for GST

A10. Have you participated in another CSIRO/SME Connect program (Tick those that apply):

☐ Innovate to Grow
☐ Innovation Connections
☐ Generation STEM Links
☐ ON Program
☒ used the Collaboration Readiness Tool
☒ Other: RISE

A11. What is your company turnover/operating expenditure:	**$1.5 - $5M**

SAMPLE

A12. Privacy Statement

☒ I agree to the collection and use of my personal information in this form as described in the Kick-Start Privacy Statement and the CSIRO Privacy Policy.

A13. Provide a brief background of the company.

Great Innovation Company is an Australian owned business established in 2022 seeking to utilise sugar cane pulp to produce bioethanol. Every year sugar production in QLD produces a significant volume of sugar cane waste as a by-product of sugar production.

Great Innovation Company believes that the waste cane pulp could be biologically processed and subsequently fermented at industrial scale, to produce ethanol from this unwanted waste stream. Unlike traditional methods which divert food in order to manufacture bioethanol, such as corn and wheat, the team will focus on waste utilisation to prevent edible crops from being displaced in the global commodity markets.
The resulting bioethanol will be rectified and used to supply the industrial cleaning supply and fine chemicals market seeking to utilise an environmentally friendly and renewable resource, diverting waste from landfill.

If successful, Great Innovation Company seeks to deploy the technology into the processing of other waste feedstocks.

Project details

B1. Please outline the company's technology/product/service that you are interested in further researching/developing/testing.

Great Innovation Company is seeking expertise in industrial biotechnology and fermentation to transform pulp fibre waste into a fermentable sugar source

- Method for conversion of pulp fibre into fermentable sugars (lab and industrial scale)
- Fermentation of pulp derived sugars (lab scale)
- Chemical evaluation of the resulting tank fermentation
- Rectification of fermented liquid into high proof ethanol, to demonstrate effectiveness of the workflow (lab scale)
- Chemical evaluation and purity analysis of rectified liquid

B2. Outline of proposed CSIRO-based project activities and deliverables.

- Whitepaper feasibility and technology study
- Proof-of-concept experimental demonstration (under lab conditions)
- Small quantity of rectified liquid ~2L for independent analysis by potential customers
- Report on laboratory experiments with recommendations and project plan for pilot-scale industrial trials in second Kick-Start project

B3. Have you already discussed this with a CSIRO researcher/staff member? If yes, who?

Discussed with Milley Miller from RISE program and were put in touch with Jim James from Manufacturing

B4. What is your research budget for these activities, i. e. what would be the total project cost be and what would be your company's contribution?
Example: If your total budget is $100,000, this would include $50,000 cash contribution from your company and $50,000 matched funding from the Kick-Start program.

We can make a $50,000 cash contribution for matched funding, total budget $100,000

B5. How did you find out about the CSIRO Kick-Start program?

Government grant finder website

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For further information:

SME Connect

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http://www.csiro.au/kick-start

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