

Science for Technological Innovation Grant Workshop

[Kia kotahi mai - Te Ao Pūtaiao me Te Ao Hangarau]

This workshop is to help write grant proposals for the Science for Technological Innovation National (SfTI) Science Challenge (formerly NSC 10). While there were initial uncertainties about the National Science Challenges, SfTI is on a firm footing. It has a clear remit with grants to award.

An open call for Seed projects will likely happen in November-December with a short turnaround between call and submission date. Victoria University of Wellington, School of Engineering and Computer Science will host a Seed project formation workshop so that interested groups can put together Seed project grant applications.

The plan is set for Wednesday October 28, Co350 with Co344 & 345 used as breakout rooms. The day is structured between 10 AM-4.15 PM, with informal time either side. The four technology themes are listed below with the most relevant ones highlighted:

1. Materials, manufacturing and design;
- 2. Sensors, robotics, and automation;**
- 3. IT, data analytics, and modelling;** and
4. Vision Mātauranga.

These need to be applied in one of the five portfolios below, where innovation capacity is the most wide ranging, but there also links to medical technology and others at VUW:

Portfolio 1: Building New Zealand's Innovation Capacity

Portfolio 2: Agri- and Environmental Technologies

Portfolio 3: Medical Technology

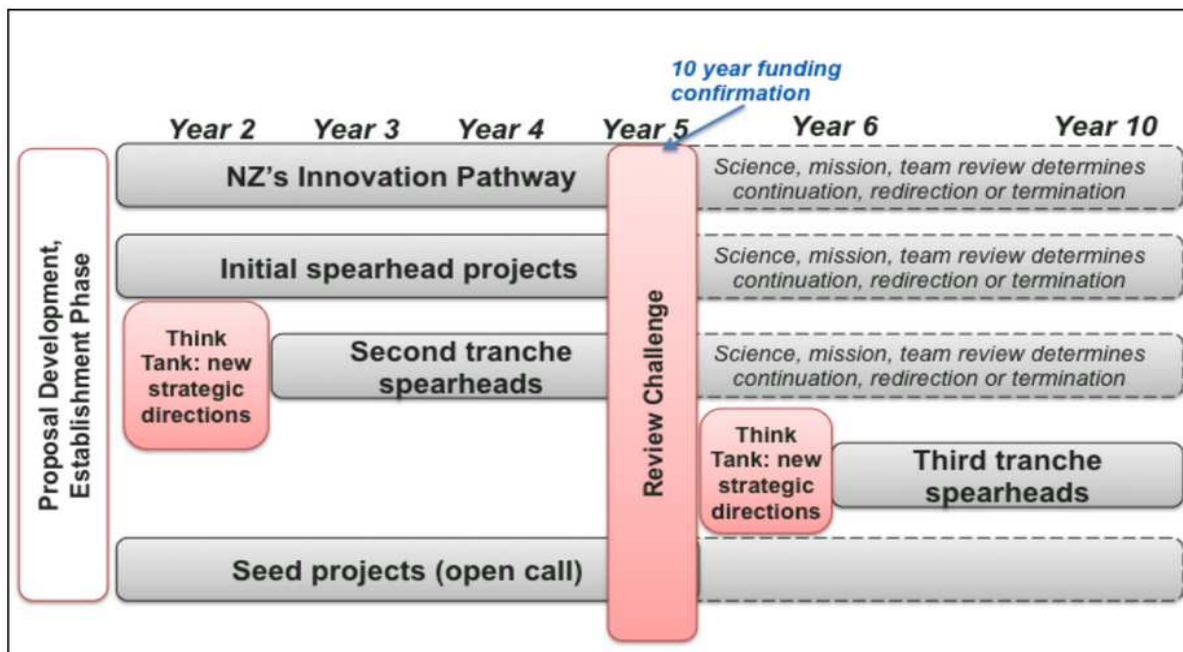
Portfolio 4: Smart Services

Portfolio 5: Materials, Manufacturing Process and Applications

The description of the Seed projects is as follows

"In addition, each year we will run an open call to initiate 8-10 small, seed projects to bring in new ideas and new researchers. The seed projects may only involve a single PI, possibly with a PhD or Master's researcher, and will run for up to 3 years. Seed projects must have clever science addressing a potentially disruptive technology area that is aligned with one or more of the SfTI-TAPTAH themes, and may ultimately develop into future spearheads.

Some that have a novel capacity development attribute may become the subject of Portfolio 1 research."



Time	Activity
9-10	Informal welcome: posters, flyers, show & tells, and coffee. Mingling encouraged!
1000-1045	Formal welcome and overview of SfTI Overview of the four themes, five portfolios, spearhead projects and most importantly seed projects. Timelines and processes introduced
1045-1115	Coffee with opportunity to meet and greet (and mingling).
1115-1215	Breakout session 1: Group identifications of problems, gaps and needs of interest to participants aligned with SfTI [if possible, the invitations will elicit areas of potential interest to help guide group formation]
1215-1245	Feedback from groups; short 'elevator' type pitches to discuss interests and capabilities to help participants identify potential afternoon groups/teams
1245-1345	Lunch (with more mingling)
1345 -1400	Talk by SfTI representative(s): What's needed for a successful Seed proposal?
1400-1515	Breakout session 2: Formation of working groups to draft proposal and areas of further need (e.g. missing capability and partners)
1515-1545	Coffee (and even more mingling) [Possibility of pitching ideas for feedback]
1545-1615	Writing up a plan leading up to submission of grant proposal
1615-1700	4:15 PM, Formal close Space available for additional writing time, tour of VUW engineering facilities and capabilities for those interested

Call to action: Please RSVP to Siyun Thompson | ECS | CO343 | 04 463 5233 x5674
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for catering and room booking purposes.

If you include *topics of interest* in your reply we will match you with like-minded groups.