

FINAL REPORT

BASE - Intensive



BY CRUXES INNOVATION



EQUS



FLEET

ARC CENTRE OF EXCELLENCE IN
FUTURE LOW-ENERGY
ELECTRONICS TECHNOLOGIES

Base Intensive 2022

Base Intensive - Idea Factory (8 Nov – 11 Nov) was the **second** delivery of the Base Intensive program.

It was delivered in person.

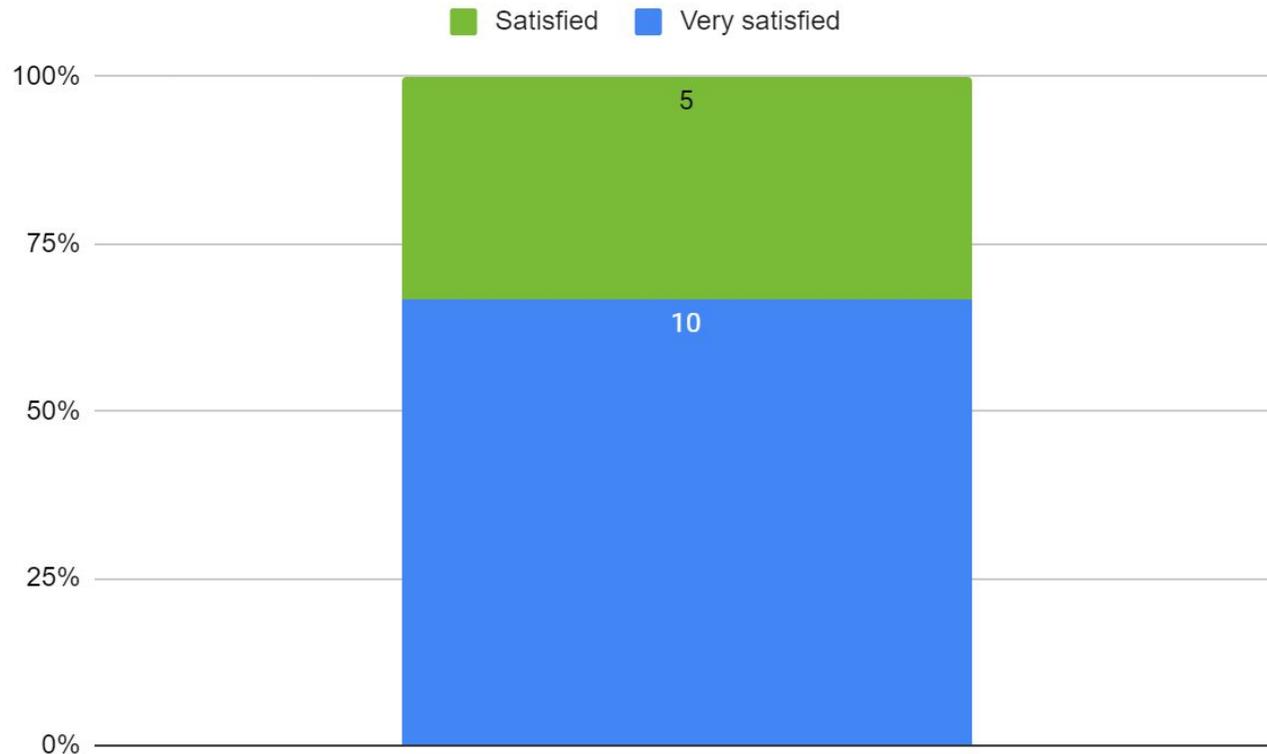
One full-day and two half-day full-cohort sessions.

The program end evaluation survey was completed after Day 3 by 15 out of the 27 program participants.



Participant Satisfaction

How would you rate your overall level of satisfaction with the Base program?



100% of respondents were **satisfied or very satisfied** with the overall Base experience.

Confidence In Initiating Conversations

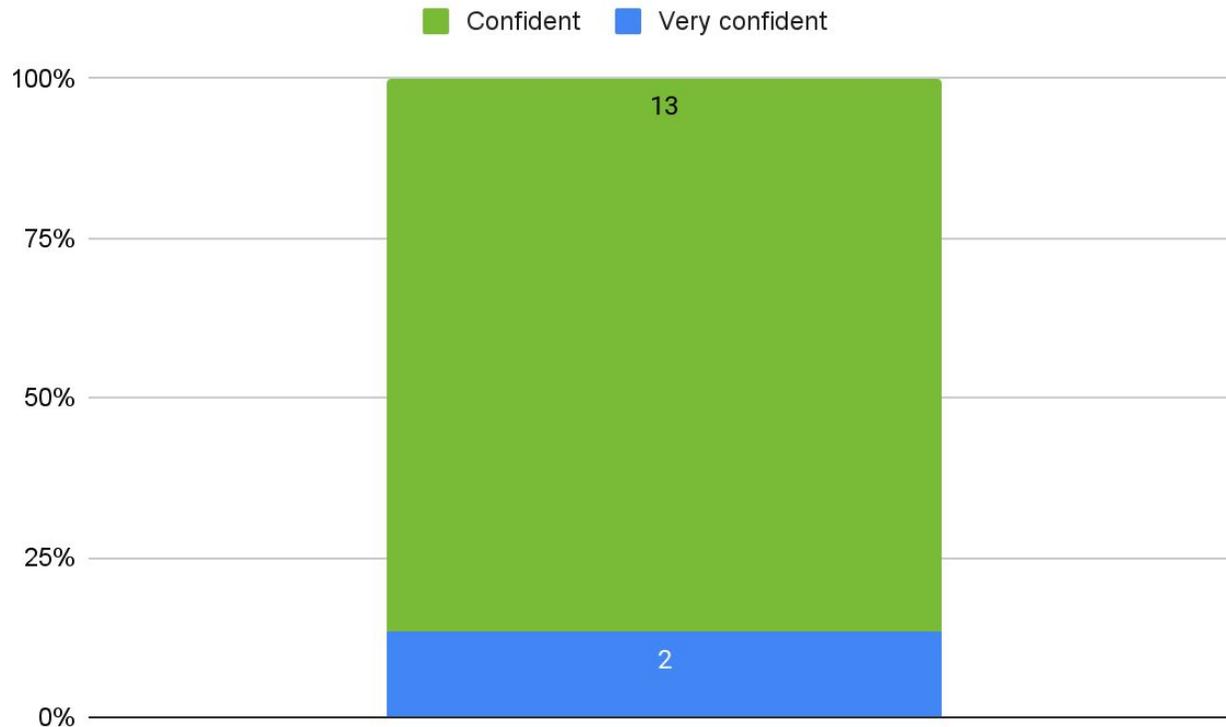
Reflecting on your progress through Base, how would you rate your level of confidence in initiating conversations and engagements with industry stakeholders now?

87% of respondents are now **confident** or **very confident** in initiating conversations and engagements with industry stakeholders.



Confidence In Communicating Value

Reflecting on your progress through Base, how would you rate your level of confidence in communicating the value of your research and capability to non-technical specialists outside your research field?



100% of respondents are now **confident or very confident** in communicating the value of their research and capability to non-technical specialists outside their research field.

Confidence In Developing Credibility

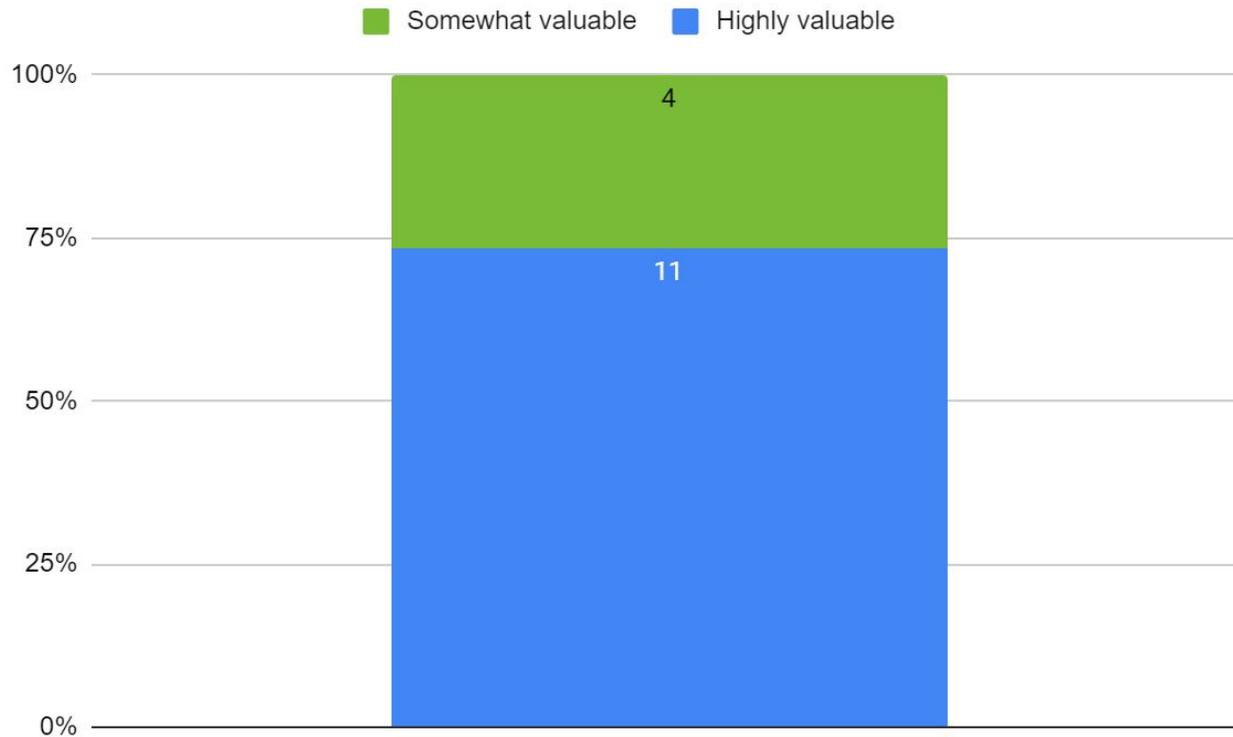
Reflecting on your progress through Base, how would you rate your level of confidence in developing credibility regarding your research and capabilities with industry stakeholders now?



80% of respondents are now confident in developing credibility regarding their research and capabilities with industry stakeholders.

Value Gained From Conversations During The Workshop

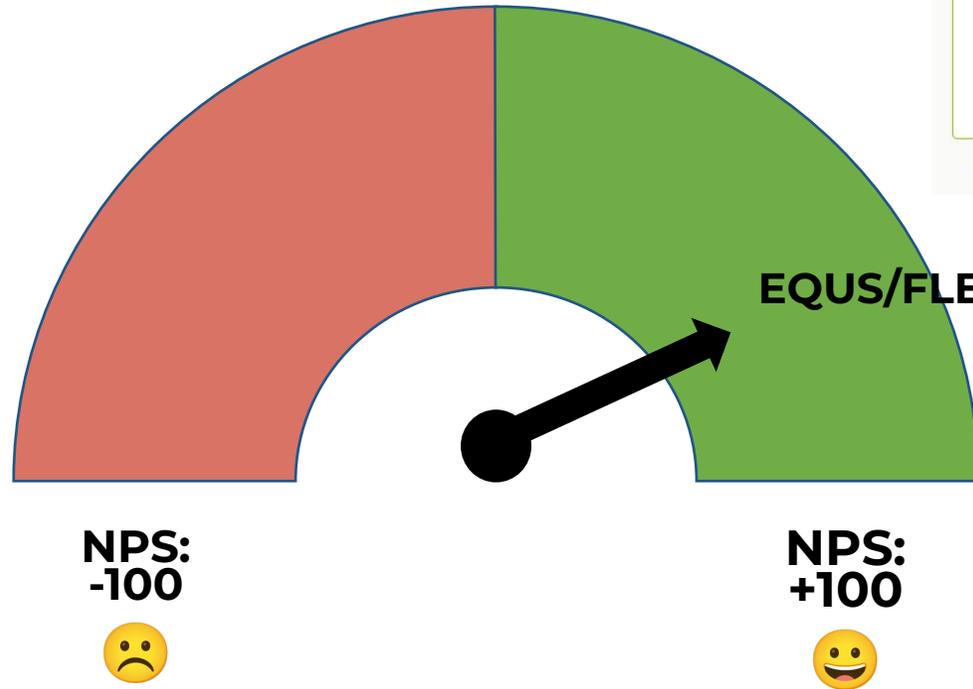
How do you value the conversations and connections made during the Idea Factory's networking events?



100% of respondents believe the conversations and connections made during the Idea Factory's networking events are **valuable**.

End-of-Program Participant Satisfaction

Net Promoter Score: 66



EQUS/FLEET Base Intensive NPS: 66. 😊

Comparable recent Australian research impact programs achieved NPS 40-45.

Participant Endorsements

What has been the **most valuable** part of Base for you?

- Opportunities to present and improve on my concept with others who are not that close to me.
- Make me start to think about what's the impact of my research.
- Gaining insight into and understanding the basics of translating fundamental research into potential future applications.
- Going from ideation to actually believing I can translate my research.
- The moment that I had to communicate my research project to someone with a different background.
- Getting a framework for taking good ideas and turning them into impact.
- Getting out of my comfort zone and all the different aspects to consider when introducing the research/product/idea to potential stakeholders.
- Learning tools to help explain my research to a broader audience was super helpful, like starting with the why.
- The advice was practical, and the invitation to use it in the program really helped it stick.
- Base got me thinking about the end user needs.
- To think of the research enterprise as an ecosystem; to be aware that research progress is not linear; it is important to communicate our work effectively.
- How to identify the problem owner profile and approaching them to validate the critical assumptions in our proposed projects.
- Personalised feedback.

Participant Endorsements

How has Base helped you become a better scientist or further your potential career objectives in science?

- It's opened my eyes to alternatives for careers outside of just pure academia.
- Connect my research to the industry and try to solve some practical problems.
- I think it is interesting to understand these sorts of bigger picture type opportunities for example for future grant applications, and also so that we are better able to hold ourselves accountable to taxpayers who ultimately fund scientific research.
- I think it helped me to look at my research project from a different perspective. It also made me realize that my research can also have impact outside of the realm of "Scientific Journals" and "academia" per se. It motivated me to search for more information towards this direction. In fact I've created a folder on my desktop with some "industry/application"-driven papers that can be really useful for my research.
- I feel that I have the tools to communicate my research better and drive conversations and actions towards impact.
- It gave me more confidence to apply for the EQUUS/FLEET Translation Program. Also, it helped me with future correspondence with potential research collaborators.
- It helped me understand the parts of my science that people outside my field would be interested in and how to get that message across.
- This workshop really helped with the transition from a student to professional researcher that I have personally been struggling with. It emphasised how much I was achieving as an individual, as opposed to part of a research group.
- It has made me more aware of the opportunities and challenges that confront start-ups, and why so many of them fail.
- This helped to get connections with academic and some of non-academic people, which may help in the future for my research, and further help to articulate my ideas in a way to present to the layman or non-technical to my field of research.

Participant Endorsements

Describe the **value** you gained from the networking events at the Idea Factory.

- The focus on “why” instead of “how”. Seems so obvious but it is very important.
- The idea that how to introduce my research to broader audience.
- There were many different people working on a broad spectrum of topics, so this was useful for me.
- My idea went from a daydream to something I can seriously consider.
- I think the things that I've learned about how one can communicate ideas and how to approach people were really valuable in such an important way that I'm afraid I couldn't describe. It is not an excuse to don't actually answer the question, believe me.
- It was great to meet other people who are thinking of turning their research into something more.
- I found potential testers for the prototype product I want to build. I expanded my network..
- Being able to talk to people with projects with different focuses helped me to talk about my research to an audience with a different level of knowledge in my area..
- By having a large group of early career researchers, with access to later term professionals, I found I was much more confident in networking than I have been otherwise. An excellent opportunity.
- For example, I was able to meet the FLEET translation program manager in person and he was very helpful in pointing out specific areas where my fundamental research could be applicable. I have also met scientists from other fields (chemistry, biology) at the networking events and through those events I learned further about the other applications of what my centre does.
- I think it's highly valuable to meet other researchers in a similar career stage, and participate in this excellent workshop!
- I met a lot of like-minded people.
- Networking with other the other workshop participants was both fun and useful.

Participant Suggestions

What could we add to future programs to make the program more valuable for researchers like you?

- More preparation time. Or an explicit warning about how some of the tasks would run on the day.
- I think it would have been helpful if we had known earlier on in the program about how important the stakeholders are. Perhaps doing a little research before hand might have been helpful so that we could understand the needs and/or opportunities of our field, otherwise we might be investing time into a project that does not have any chance of success, although I appreciate that the workshop's aim was more about understanding the overall process of research translation.
- Maybe content on how/when to do technical feasibility studies?
- Very happy with the program :)
- The format of the workshop and the presentation were great! Regarding the booklet, the structure was a bit confusing (was it intentional?). A glossary would help to clarify some terms/concepts for newbies. Maybe some dedicated space for personal notes in the booklet. There is plenty of space to write on, but some dedicated space would help keep all the personal thoughts together in a more systematic way.
- If there was more time potentially something on how to prepare the visual aid that comes with some pitches. Like the video examples they showed us. I know it can be hard to figure out what graphics to include.
- I would have loved to hear from some of the more experienced attendees (such as Matt Davis/Michael Harvey) about their experiences being approached as stakeholders, not just in terms of success stories, but what made an impression in the initial encounter.
- It was good that we eventually addressed the question of how to pitch fundamental research, but I feel a greater emphasis on it could have benefitted me (but only personally).
- Possibly a person who has already transformed from academic research to an industrial entrepreneur or CTO of a start-up can come and share his/her experience and pathways, which could be a motivation for everyone.
- Clarifying the project impact for research grant writing.

Participant Suggestions

Please provide any other comments you may have.

- I think Emily and Jonathan did an excellent job in guiding us through the workshop, it was well structured. Thank you for your hard work!
- Overall I enjoyed the program. I think the way that it is delivered is really great, especially for an overseas person that usually feels intimidated by Journal Clubs, group meetings, etc. (which is my case, sometimes). It was a really good experience and I hope that I can attend again in the future.
- Do you provide one-on-one consultations for specific questions/problems? What is your rate for that? Again, great job!
- I drew slight issue with one of the techniques used - asking the people at the back of the room to lead presentations. While I understand why this was undertaken, I believe for most of the people hiding in the back, just presenting is enough of a push out of their comfort zone. I would request for future the presenters use observation to choose the first presenter as someone with sufficient confidence.



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