



Australia Awards

Australia Awards Short Course

Towards a knowledge-based economy: Supporting Indonesia's Research and Innovation Agenda



The participants of Towards a knowledge-based economy: Supporting Indonesia's Research and Innovation Agenda – a course addressing the key innovation priorities of the Indonesian Government, such as science and technology adoption, implementation and the levels of cooperation required between government, industry and academia.

The Australia Awards Short Course 'Towards a Knowledge-Based Economy: Supporting Indonesia's Research and Innovation Agenda' engaged 25 Indonesian professionals, focusing on critical innovation priorities set by the Indonesian Government. These priorities include the adoption and implementation of science and technology and fostering cooperation between government, industry, and academia. The course utilised and benchmarked key Australian State and Federal Government innovation policy frameworks and programs that form the backbone of Australia's innovation ecosystem. This included the Research and Development (R&D) Tax Incentive, Cooperative Research Centres (CRCs), data science and AI, technology transfer, commercialisation pathways, and other incentives supporting the Government's innovation agenda.

Under the leadership of Professor Dian Tjondronegoro and Dr. Tom Verhelst, the course brought together government officials and professionals from across Indonesia. Participants gained valuable insights from experts in government, academia, and industry. The curriculum featured case studies, practical evidence, and site visits, highlighting Australia's leadership in innovation.

Course schedule

- **Pre-Course workshop**
6 – 8 May 2024
- **In-Australia program**
1 – 16 June 2024
- **Post-Course workshop**
15 – 19 October 2024





Participants attending a presentation and afternoon tea at the Embassy of the Republic of Indonesia in by Ambassador H.E. Dr Siswo Pramono.

Site Visits

During the In-Australia program, participants had the opportunity to visit a variety of organisations and senior experts in the field. Featured site visits included...

- Gold Coast Health and Knowledge Precinct
- QLD AI Hub
- CSIRO
- Australian Council of Learned Academies
- Advanced Robotics Manufacturing Hub
- BioSpine Laboratory, Menzies Health Institute QLD

Participant Projects

Course participants were required to prepare Award Projects based on the learning outcomes. These projects were continuously reviewed and discussed with their group mentor throughout the course.

Projects included:

- Harnessing Research and Innovation Ecosystems: Learning from Australia's Best Practices.
- Grant Innovation Guideline and Workshop in Higher Education.
- Guidelines for Creating Impactful and Sustainable Innovation Ecosystem
- Inclusive Technology Research Talk: Showcasing and Establishing Research Partnership between Government, University and Industry

Pre-Course Workshops

The 3-day pre-course workshop took place in Jakarta, Indonesia between 6 – 8 of May 2024. The pre-course was presented by the course leaders and was designed to introduce the program objectives and expectations to the participants as well as provide them with an overview of the main topics.

Post-Course Workshops

The 3-day post-course workshop was held in Semarang, Indonesia between 15–19 October. During the workshop participants summarised their learning from the course and presented their Award Projects, providing an opportunity for peer feedback and potential collaboration.

“Throughout the short course, I get a picture about how Australia manage their research and innovation. I learned that we need to include community in our research to ensure that our research will be valuable for them. I learn about inclusive research method. It influence me in managing my current and further research. I also make connection with other participants who have same interest with me. I plan to do more collaboration in the future, leveraging the connections that I gained through this short course.

Anonymous Participant

“This short course increased my knowledge about innovation, research, and collaboration between government, industry, and university, and its very important to my job as public policy analyst to make policy recommendation.”

Anonymous Participant



Participants attending a site visit at the Australian Council of Learned Academies in Canberra.

For further information about the program, please contact:

Helen-Louise McDonald, Project Coordinator, Griffith University | Email: h.mcdonald@griffith.edu.au