



The participants of Renewable Energy – a course building on the shared ambition of Australia and Indonesia to cooperate more closely on Renewable Energy.

The Renewable Energy short course aimed to share knowledge on Australia's renewable energy technology and to support Australia-Indonesia cooperation in the renewable energy sector.

The program acknowledged the shared ambition of Australia and Indonesia to cooperate more closely to enable transition to lower emission economies.

The program was based on the themes of technology, economics, sustainability, investment, policy and governance, while promoting greater bilateral engagement with Australian businesses.

The program aimed to assist communities in eastern Indonesia, including businesses and associations, state-owned enterprises and NGOs to understand the renewable energy technologies suitable for their needs as part of the Indonesian Government's plan to increase the use of renewable energy.

The course was led by Course Leader Associate Professor Prasad Kaparaju and Co-Leaders Dr Sascha Stegen and Associate Professor Sunil Herat who were joined by presenters from government and private sectors, creating strong cross-country networks.

Course Highlights

- Pre-Course workshop from 7 – 9 February 2023
- In-Australia program 6 – 17 March 2023
- Post-Course workshop from 13 – 15 June 2023





Participants attending an onsite presentation about the Sunshine Coast Solar Farm.

Site Visits

During the In-Australia program, participants had the opportunity to visit a variety of innovative renewable energy sites. Site visits included:

- Solar Farm – Sunshine Coast Council
- Capital Wind Farm – Tarago New South Wales
- ActewAGL Hydrogen Refuelling Station
- Snowy Hydro – Cooma New South Wales
- Griffith University Biogas Plant – Logan

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:

- Enhancing the Electrification Ratio and Long Term Supply in Betun Using 600kWP Solar Power Plant
- Nearly Zero Energy Multipurpose Building for Desa Harapan Baru, East Kalimantan



Participants attending the opening ceremony at Griffith University, Nathan Campus.

Pre-Course Workshops

Associate Professor Prasad Kaparaju and Dr Sascha Stegen joined the participants in Makassar, Indonesia for the 3-day Pre-Course Workshop. The workshop included presentations on renewable energy in Australia and Indonesia, site visits to solar power plants and networking opportunities with industry experts and fellow participants.

Post-Course Workshops

Participants joined Professor Prasad Kaparaju and Associate Professor Sunil Herat in Lombok, Indonesia for the Post Course Workshop. Over 3 days participants completed the final workshop activities, deliver project presentations and site visits including a solar power plant, Micro-Hydro Power Plant and Geo Trash Management facility.

Post-Course Workshops

“The Australia Awards Short Course was a remarkable experience for me to learn and interact directly with professionals in the renewables industry. All presentations and site visits were well organised and smoothly executed. The Griffith team successfully created a program that not only focusing on the course topics, but participants also given the opportunity to experience Australian hospitality, culture and sightseeing.”

**Marchel Rumlaklak,
HSSE & Operations Lead, Fortescue Future
Industries**

For further information about the program, please contact:

Samantha Hilbig, Project Coordinator, Griffith University | Email: s.hilbig@griffith.edu.au