

Australia Awards Short Course Renewable Energy Technologies



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

The Renewable Energy Technologies short course shared knowledge on Australia's renewable energy technologies and supported Australia-Indonesia cooperation in the renewable energy sector.

This course focused on solar, hydro and waste to energy (WTE). It is targeted to GOI officials and private sector representatives involved in the development and oversight of renewable energy technologies (RET). The aim of the course was to benchmark available RET; develop eastern Indonesian communities by improving the participants' knowledge and utilisation of renewable energy technologies suitable for their needs; analyse commercial viability of different types of RET operations; identify factors that a climate change reduction targets; and promoting greater bilateral engagement with Australian businesses. The course explore ways to improve inter-agency collaboration in determining what projects are funded and what financing/contracting models could be applied.

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

Course schedule:

- Pre-Course workshop
2–4 August
- In-Australia program
10–25 September
- Post-Course workshop
6–8 December



Site visits

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

- Brisbane City Council - Landfill Site, Rochedale
- Loganholme Wastewater Treatment Plant
- Griffith University - Samuel Griffith's Building
- Condong Sugar mill and Cogeneration plant
- ReWaste Biogas plant, Yarra Valley
- Melbourne Mini Hydro Plant

Participant projects

Course participants were required to prepare Award Projects to disseminate the course learnings at their workplaces. These projects were continuously reviewed and discussed with their group mentor throughout the course. Projects included:

- Guidelines for Merger & Acquisition in the renewable energy sector in Australia
- Policy brief for Asset Recycling Initiative for Financing Renewable Energy Project in Indonesia
- Post construction management scheme for sustainable government funded rural off-grid PV system



Participants listening to a presentation at the Rochedale Landfill site.

Pre-course workshop

Associate Professor Prasad Kaparaju and Associate Professor Sunil Herat 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 and networking opportunities with industry experts and fellow participants.



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

Post-course workshop

Participants and course leaders came back together in Bali, Indonesia, for the post-course workshop. The post-course summarised the learnings from the course and gave participants an opportunity to make their final project presentations to the course leaders.

Testimonies

"The waste to energy technologies I learnt from this course is a rarely touched fields in my unit, so the first thing that I will do is to share the knowledge with my colleague about the topic."

"By meeting people during this course, we can learn from each other experience from our fields of work. In the future it's possible our works will cross path, and it will make things easier for us to exchange information."

For further information about the program, please contact:

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