



Session Introduction:

A proper end-of-life management for solar photovoltaic (PV) modules is essential to keep solar energy sustainable and environmentally conscious. In this session, case study and lesson learned on PV reuse/recycling, and related technologies will be presented, with the aim of encouraging circular economy for the solar PV sector.

Speakers:

- 09:30 am. - 09:40 am. **Opening messages /Session Introduction**
By Permanent Secretary of Ministry of Industry / Ministry of Higher Education, Science, Research and Innovation (TBC)
- 09:40 am. - 10:10 am. **Solar growth and waste management policy in Japan**
By Mr. Satoshi Yoshida, Ministry of the Environment, Japan
- 10:10 am. - 10:40 am. **Solar growth and waste management policy in Korea**
By Ms. Gwak Jihye Korea Institute of Energy Research, Korea
- 10:40 am. - 11:10 am. **PV sustainability**
By Dr. Rong Deng, University of New South Wales, Australia
- Break 15 min**
- 11:25 am. – 11:40 am. **Repurposing Decommissioned Solar Modules for Agricultural Applications: A Pilot Project in Thailand**
By Dr. Amornrat Limmanee, National Energy Technology Center NSTDA, Thailand
- 11:40 am. – 11:55 am. **Recycling and utilization of secondary materials from end-of-life solar modules**
By Dr. Nan Boonyachut, Department of Primary Industries and Mines, Ministry of Industry, Thailand
- 11:55 am. – 12:00 am. **Wrap-up and closing**

Moderator: Ms. Kunchana Dumrongchai, National Metal and Materials Technology Center, NSTDA