

**APEC Expert Group on  
New and Renewable Energy Technologies**

**EGNRET Project Report**

**Chinese Taipei**



**Asia-Pacific  
Economic Cooperation**

**EGNRET**

**EGNRET 48**

*Jeju, Republic of Korea, Mar. 28-31, 2017*

# Best Practices for Developing the Green Energy Smart Farm in the APEC Region



- **Proposing Economy:** Chinese Taipei
- **Co-sponsoring Economies:** China, Korea, Thailand, USA
- **Start date and Expected Completed date:**  
1 December 2015 ~ 31 March 2017
- **Project Progress:**

Please see another presentation file.

# Long term reliability study of PV systems for installation on islands



- **Proposing Economy:** Chinese Taipei
- **Co-sponsoring Economies:** The Philippines; Thailand; USA
- **Start date and Expected Completed date:**  
1 December 2015 ~ 30 April 2017
- **Project Progress:**
  - A workshop was executed on March 9-10, 2017 in Chinese Taipei.
  - Produce a guide for PV coastline installation with recommendations to optimize the sustainability of coastal PV systems.
  - The testing demonstration will be a 3 kW PV system installed on Peng Hu islands of Chinese Taipei.

# Heating Applications of Bio-pellet made from Ecological-Hazard Plant in Small and Medium Enterprises to Enhance Utilization of Renewable Energy in the APEC Region



## ■ **Proposing Economy:** Chinese Taipei

## ■ **Co-sponsoring Economies:**

The Philippines; Thailand; USA

## ■ **Start date and Expected Completed date:**

1 December 2016 ~ 31 December 2017

## ■ **Project Progress:**

- Contract signed between Contractor (Industrial Technology Research Institute) and APEC Secretariat to execute the Project on 16 March 2017.
- Reviewing the recent advances in bio-pellets technologies.

# Filling the Gap to Reach the Goal of Doubling Renewable Energy in the APEC Region



- **Proposing Economy:** Chinese Taipei
- **Co-sponsoring Economies:** The Philippines; Thailand; USA
- **Start date and Expected Completed date:**  
1 December 2016 ~ 31 December 2017
- **Project Progress:**
  - Visited APERC and EGEDA in Japan on March for discussing methodology and cooperation of the project.
  - Reformulated the project framework to be more comprehensive and applicable.
- **Workshop Information:**

Workshop Title	Date	Venue
APEC Workshop on Filling the Gap to Reach the Goal of Doubling Renewable Energy in the APEC Region	March 27-28, 2017	Lotte Hotel, Jeju, Republic of Korea