

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

# **Renewable Energy in the APEC**

**Keng-Tung Wu, PhD  
APEC EGNRET Secretariat**



**Asia-Pacific  
Economic Cooperation**

**EGNRET**

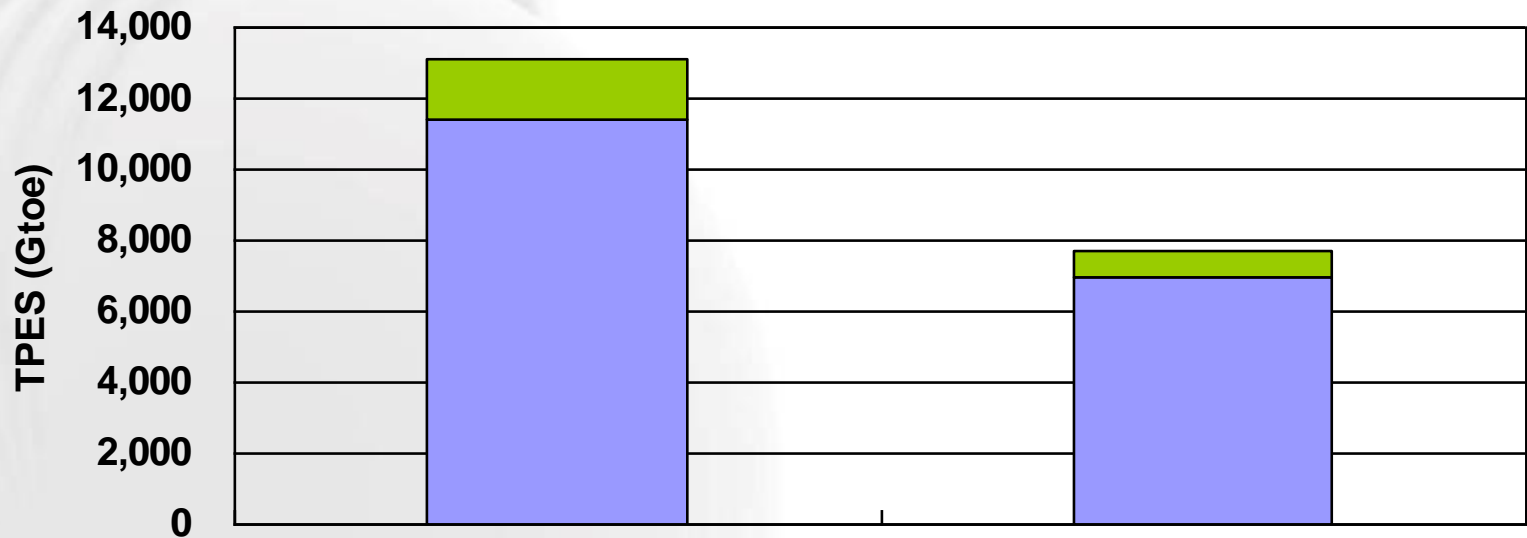
**EGNRET 41**

*Beijing, China 16-17 October, 2013*

# Renewable Energy in APEC (2011)



## Total Primary Energy Supply (TPES)

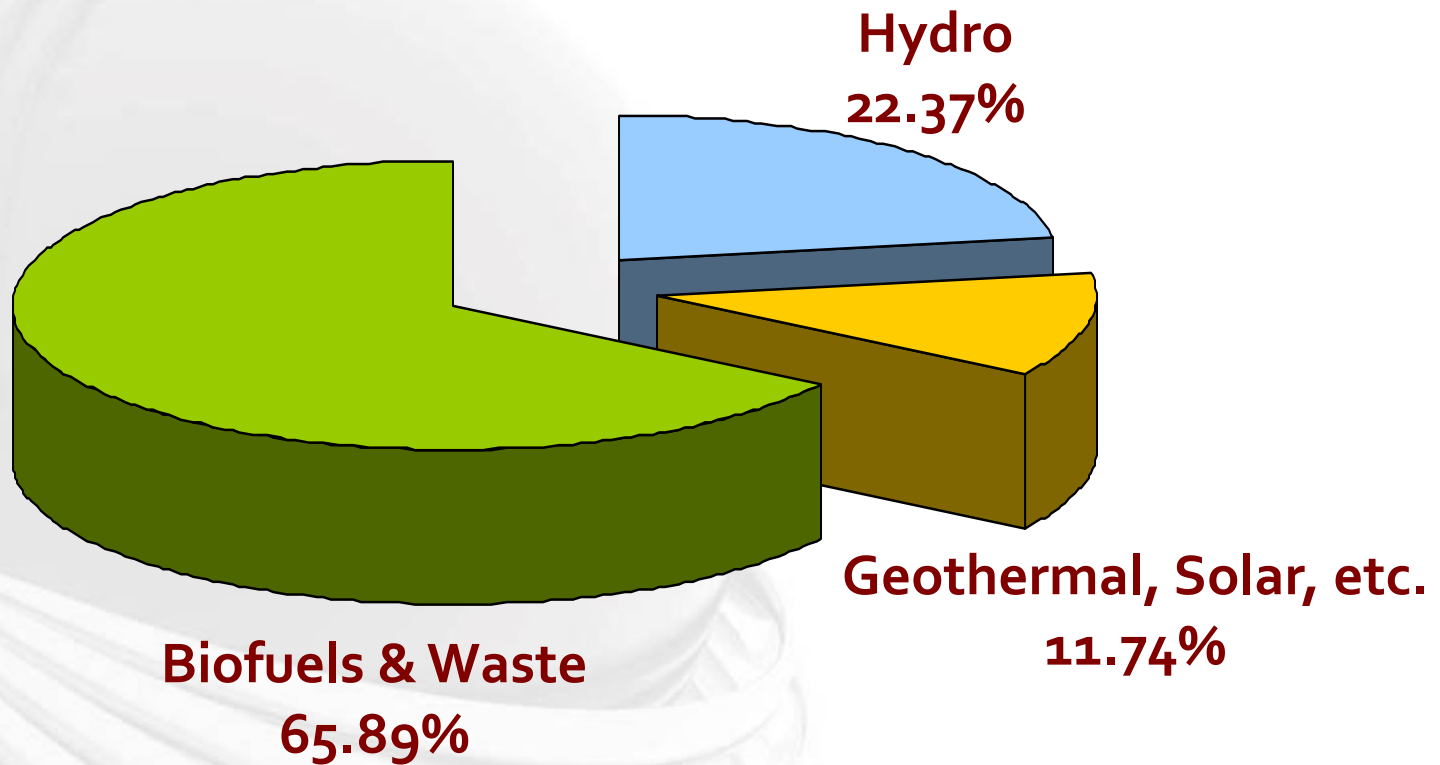


	World	APEC
Renewables	1,739.33 (13.26%)	708.33 (9.23%)
Total	13,113.38 Gtoe	7,671.51 Gtoe

Data source: IEA (2013)

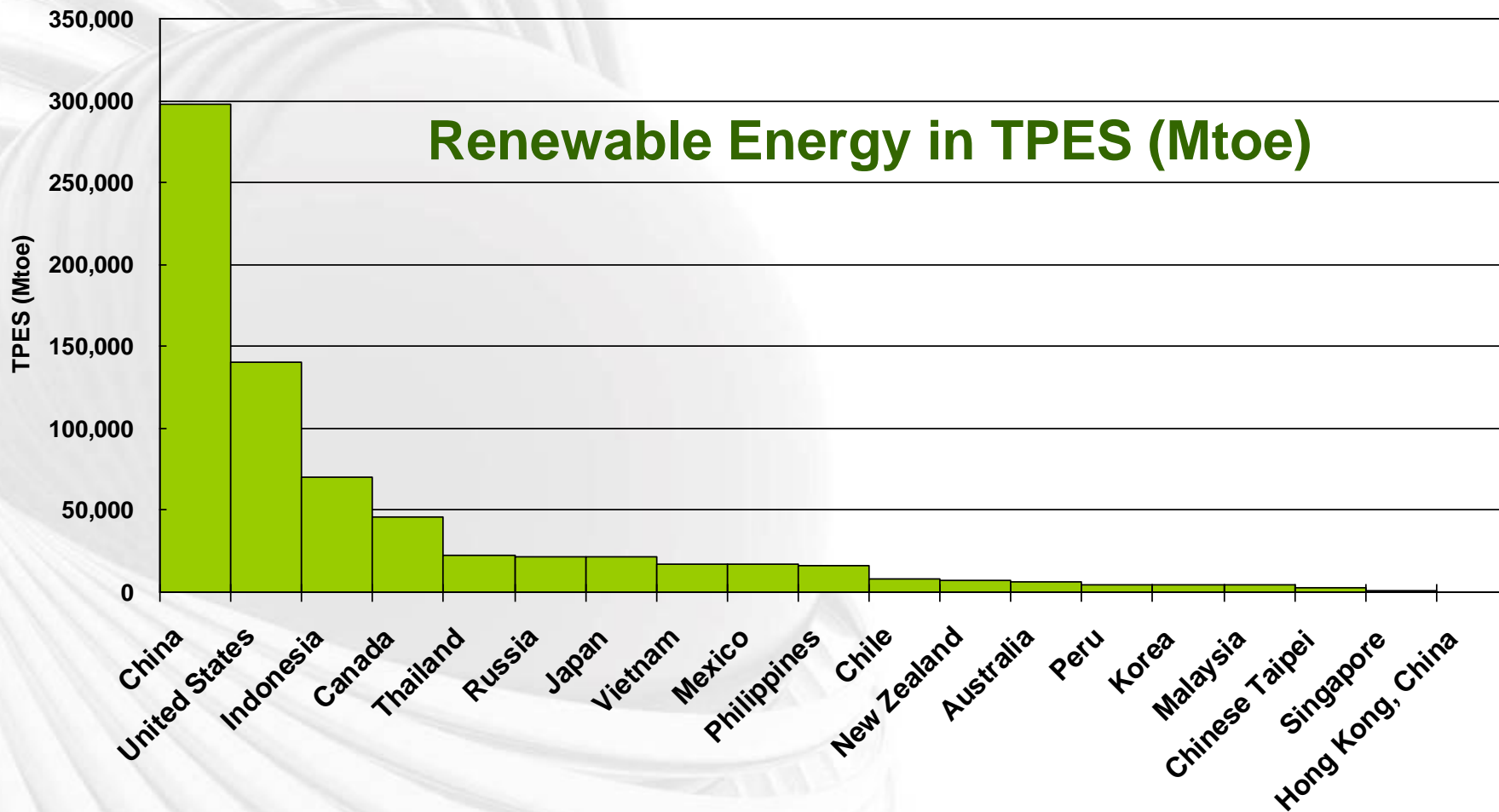
# Renewable Energy in APEC (2011)

## APEC Renewable Energy in TPES



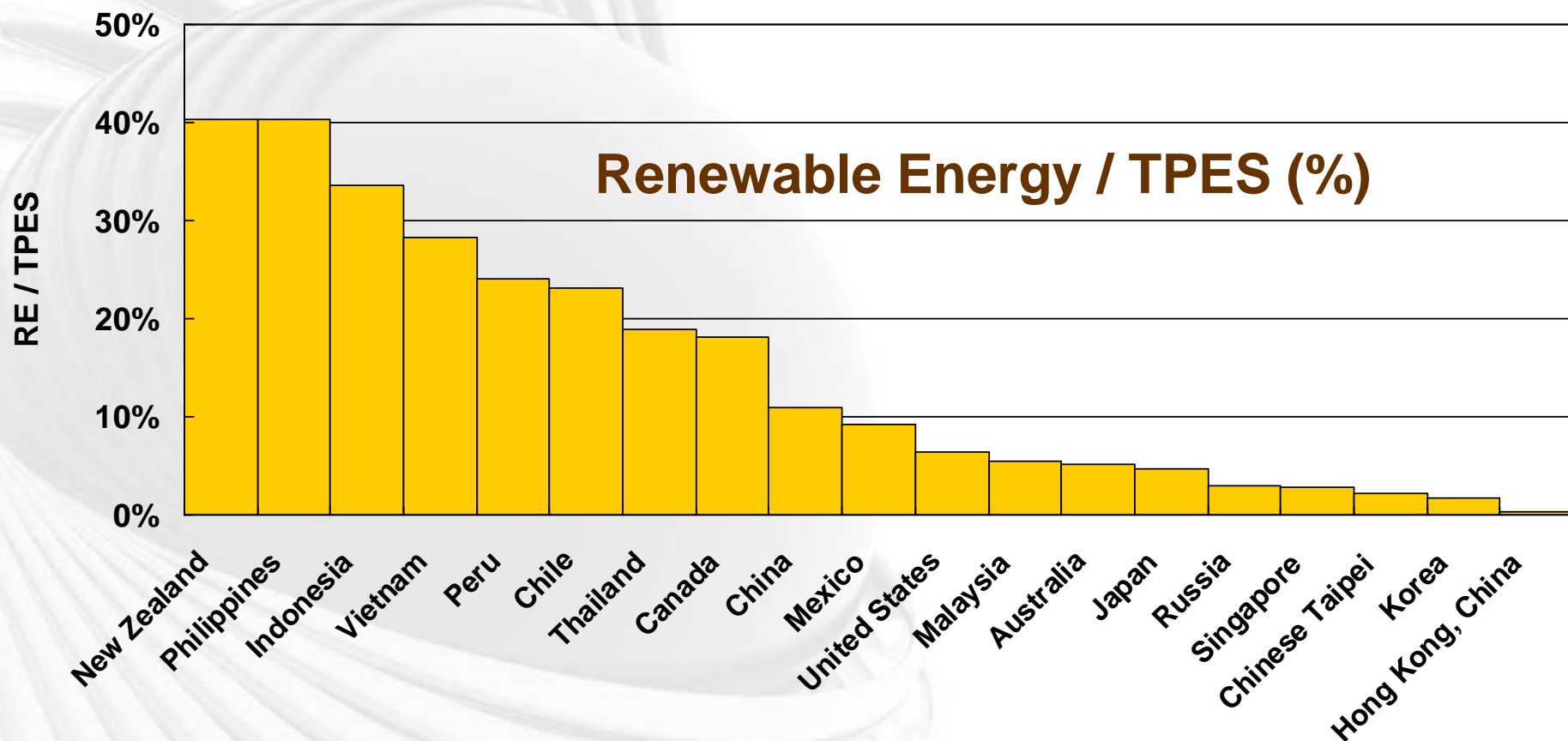
Data source: IEA (2013)

# Renewable Energy in APEC (2011)



Data source: IEA (2013)

# Renewable Energy in APEC (2011)



Data source: IEA (2013)

# Renewable Energy in APEC (2011)

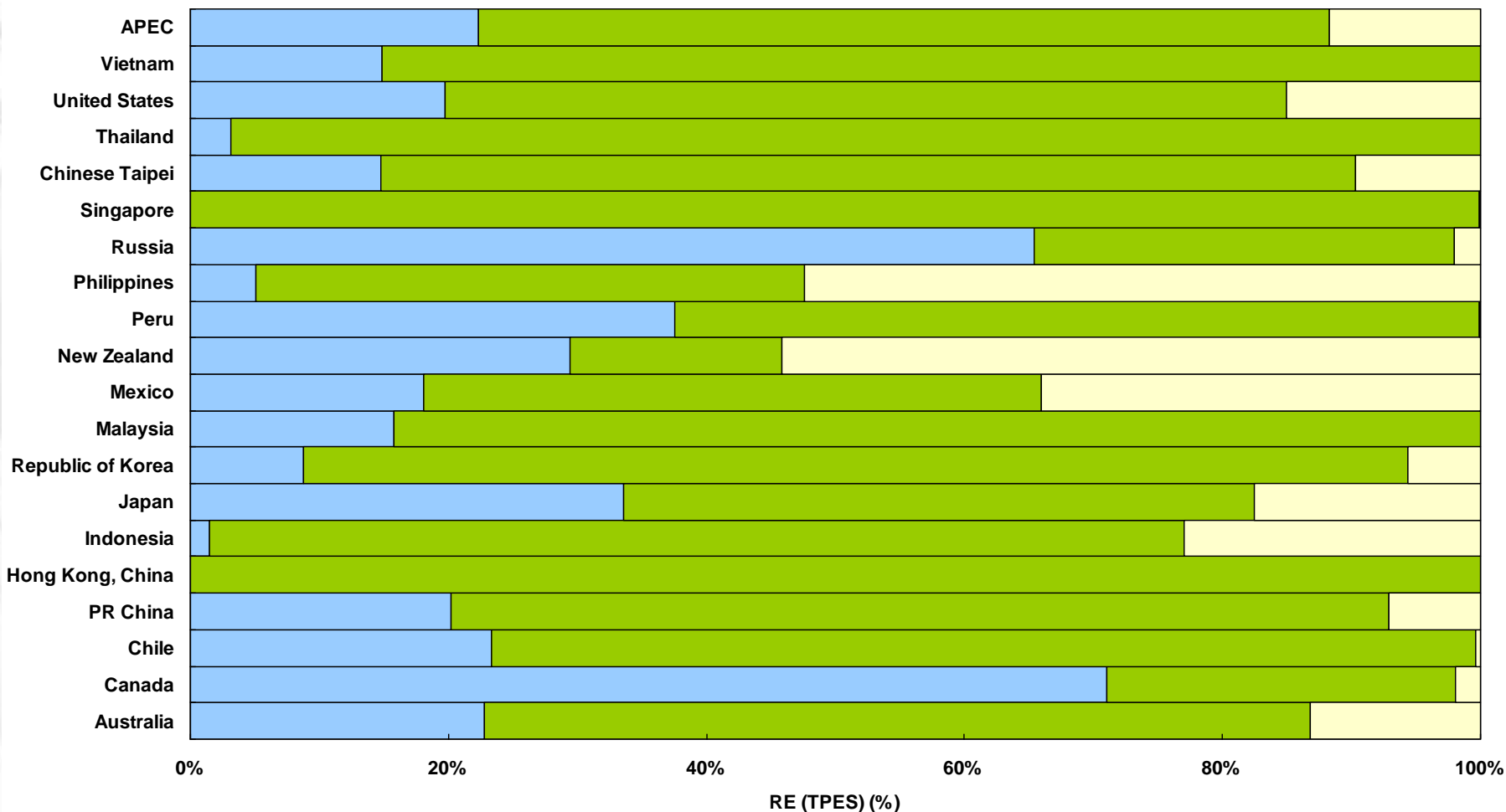


Asia-Pacific  
Economic Cooperation

Hydro

Biomass

Other

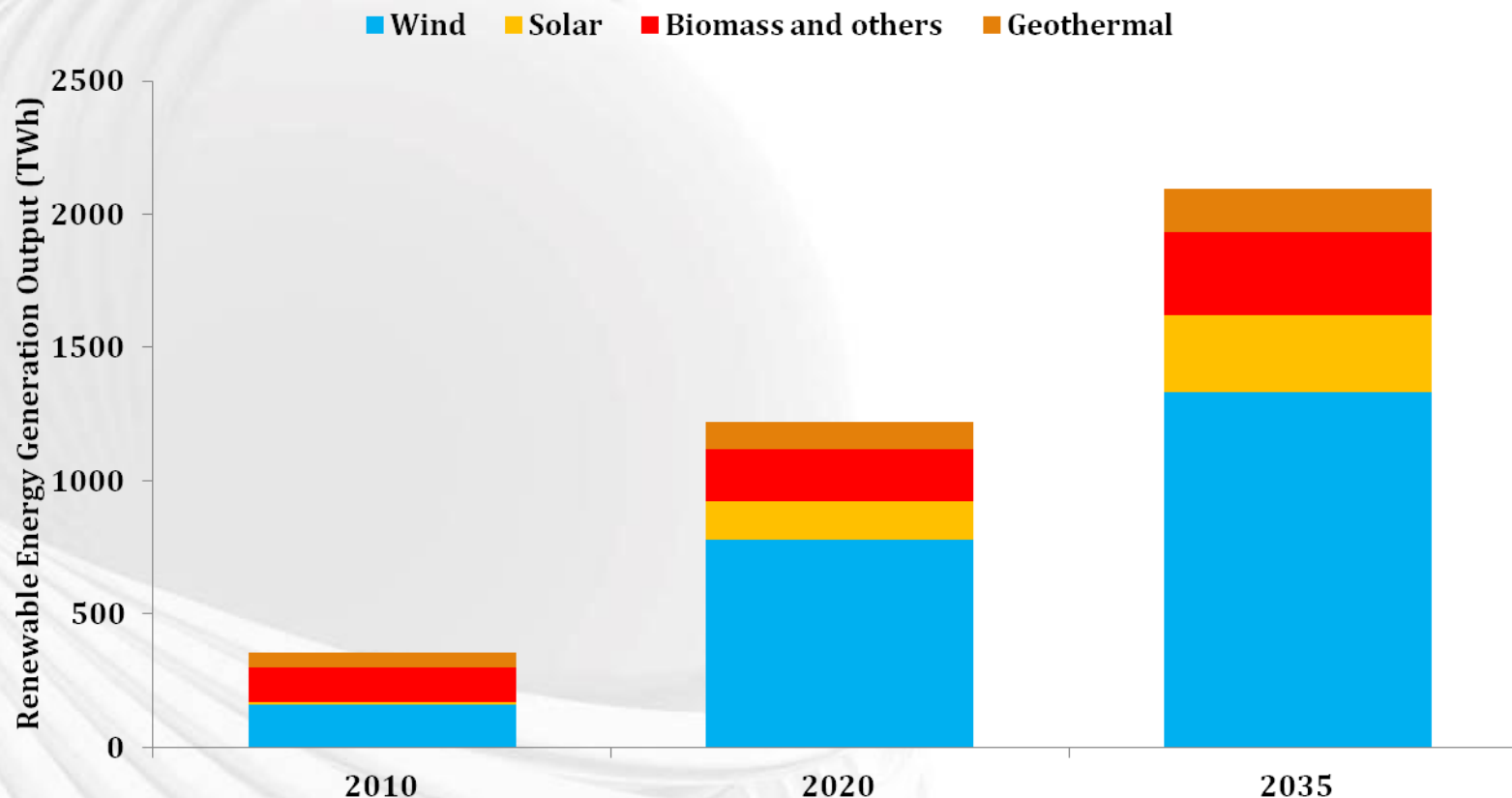




# Renewable Energy in APEC



## Significant wind power addition expected in APEC Region



Source: APERC (2013)

# Current FIT and RPS in Selected APEC Economies (2012)



Economy	FIT	RPS	Economy	FIT	RPS
Australia	•		Malaysia	•	•
Canada	•	•	Peru	•	
Chile		•	Philippines	•	•
China	•	•	Chinese Taipei	•	
Indonesia	•	•	Thailand	•	
Japan	•		United States	•	•
Korea		•			

**FIT: Feed-in Tariff**

**RPS: Renewable Portfolio Standards**



# Thank you for your attention!



**EGNRET website: <http://www.egnret.ewg.apec.org/>**

The screenshot shows the homepage of the APEC Energy Working Group's Expert Group on New and Renewable Energy Technologies (EGNRET). The header features the APEC logo and the text "Asia-Pacific Economic Cooperation". Below the header is a navigation menu with links for Home, Representatives, Projects, Meetings, Workshops, Reports, Publications, and Reference. The main content area includes a large "WELCOME" heading, a welcome message, and a description of the group's mission. A large image of a sunset is positioned on the right side. At the bottom, there are three columns with images and labels: "News" (water splash), "Meetings" (wind turbines), and "Contacts" (combine harvester). The footer contains copyright information and contact details.

APEC Energy Working Group  
EXPERT GROUP ON NEW AND RENEWABLE ENERGY TECHNOLOGIES

APEC Asia-Pacific Economic Cooperation

Home Representatives Projects Meetings Workshops Reports Publications Reference

# WELCOME

Welcome to the official website of the APEC Expert Group on New and Renewable Energy Technologies (EGNRET)

The EGNRET has been established by - and reports - to the APEC Energy Working Group (EWG)

The mission of the EGNRET is to facilitate an increase in the use of new and renewable energy technologies in the APEC region

**News** **Meetings** **Contacts**

Copyright APEC 2009. All Rights Reserved. For website inquiries, [contact webmaster](#).  
This site is hosted by the New Energy Technology Division, Green Energy & Environment Research Laboratories of [Industrial Technology Research Institute](#), with support from the [Bureau of Energy, Ministry of Economic Affairs](#), Chinese Taipei.