APEC Expert Group on New and Renewable Energy Technologies

EGNRET Pre-meeting Discussion:

Renewable Energy Development
Networking

- Renewable Energy Information Collection

Tarcy Sih-Ting Jhou March 18, 2019



EGNRET 52

Background



EWG 56-Key Conclusion

- EGNRET is requested to collect the renewable data of all the members and report to EWG to see if there is any difficulty on data collection.
- APERC, EGNRET and EGADA are encouraged to work together to seek potential ways to achieve the Renewable Energy Doubling Goal.
- EGNRET is requested to seek opportunities of cooperation with IRENA for seeking synergy in the aspect of the Renewable Energy Doubling Goal.

EGNRET Page 2 **EGNRET 52** Hong Kong, China Mar. 18-22, 2019



RE Development Data

E.g.

- **RE Capacity**
- **Energy Production**

Heating

- Hydro
- Solar
- Wind

Electricity

- **Biomass**
- **Wastes**
- **Geothermal**
- Ocean

- LCOE
- Capacity Factor
- Job creation

- Solar
- **Biomass**
- **Wastes**
- **Geothermal**

Transport

- **Biodiesel**
- **Bioethanol**

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RE Target

Power					Heating				Transport					
	Capacity	Generation	RE share	Year	Сара	city	Shar	e	Year	Сара	city		Share	Year
Solar	GW	GWh	%			KTOE		%		Biodiesel		L	9	
Wind	GW	GWh	%			KTOE		%		Ethanol		Г	9	
Hydro	GW	GWh	%			KTOE		%						
Geothermal	GW	GWh	%			KTOE		%						
Biomass	GW	GWh	%			KTOE		%						
Tide, Wave, Ocean	GW	GWh	%			KTOE		%						
Total	GW	GWh	%			KTOE		%						

EGNRET Page 4 **EGNRET 52** Hong Kong, China Mar. 18-22, 2019



RE Support Policies

Regulatory Policies										
(Please fill ✓ in the column if it is applicable)	Eagel in toriff	Renewable Portfolio Standard (RPS)	Portfolio Standard Tendering		Renewable Energy Certificates (RECs)	Carbon Reduction/ Fossil Fuel Subsidy Reform	Transport Mandate	Heating Mandate		
Power sector										
Heating and cooling										
Transport										

We would be grateful if you could provide the detail information of the support polices.

Project Name:

Implementation Year:

Source:

Page 5 EGNRET 52 Hong Kong, China Mar. 18-22, 2019 EGNRET



RE Support Policies

Fiscal Incentives									
(Please fill ✓ in the column if it is applicable)	Su	bsidy	Financing	Т	Fund				
	R&D Grant or Subsidy	Investment Grants, Capital Subsidies or Rebates		Investment Tax Credits	Reductions in VAT, or other Taxes	Renewable Energy Fund			
Power sector									
Heating and cooling									
Transport									

■ We would be grateful if you could provide the detail information of the support polices.

Project Name:

Implementation Year:

Source:

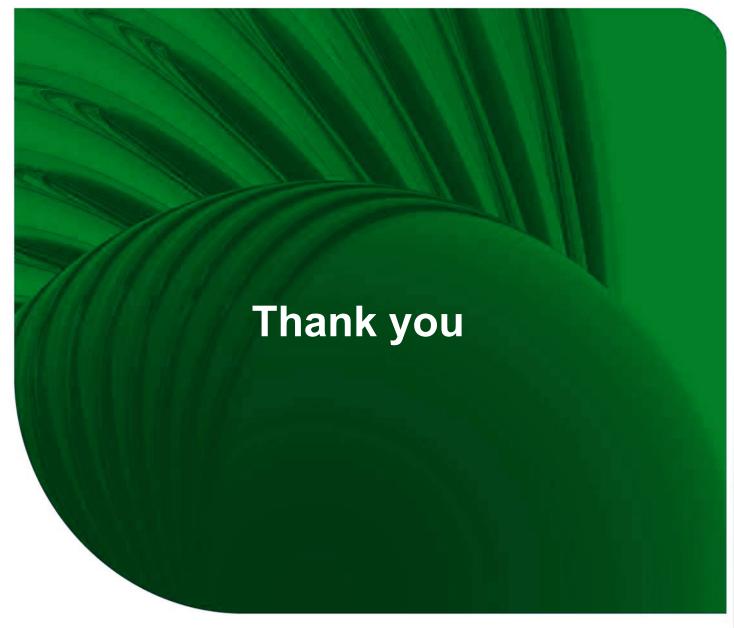
Page 6 EGNRET 52 Hong Kong, China Mar. 18-22, 2019 EGNRET

Discussion



- Existing EGEDA or APERC database available to avoid duplicated collection task?
 - If yes, is the database sharable?
 - If no, should EGNRET collect the data (and share with EGEDA and APERC)?
- Data/policy information collection through tables → feasible or not?
- If EGNRET is to collect RE data, could EGNRET members be focal points, or EGNRET members recommend experts to form an RE network?
- Concerns on data consistency with APERC's research
- Limitation on the use of collected RE data from economies

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EGNRET 52

Hong Kong, China, Mar. 18-22, 2019