

APEC Expert Group on
New and Renewable Energy Technologies

EGNRET Pre-meeting Discussion:

**Renewable Energy Development
Networking
- Renewable Energy Information
Collection**

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Asia-Pacific
Economic Cooperation

EGNRET

EGNRET 52

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

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.

RE Data and Policy Collection



RE Development Data

E.g.

- RE Capacity
- Energy Production
- LCOE
- Capacity Factor
- Job creation

Electricity

- Hydro
- Solar
- Wind
- Biomass
- Wastes
- Geothermal
- Ocean

Heating

- Solar
- Biomass
- Wastes
- Geothermal

Transport

- Biodiesel
- Bioethanol

RE Data and Policy Collection



RE Target

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

RE Data and Policy Collection



RE Support Policies

Regulatory Policies								
(Please fill ✓ in the column if it is applicable)	Feed-in tariff (FiT)	Renewable Portfolio Standard (RPS)	Tendering	Net Metering	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:

RE Data and Policy Collection



RE Support Policies

Fiscal Incentives

(Please fill ✓ in the column if it is applicable)	Subsidy		Financing	Tax		Fund
	R&D Grant or Subsidy	Investment Grants, Capital Subsidies or Rebates	Public Investment Loan or Financing	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:

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

Thank you



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