

APERC Update

EGEEC 54

Cebu, The Philippines, 23-25 September 2019

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Asia Pacific Energy Research Centre (APERC)



APERC

APERC was established in Tokyo in 1996 after the Osaka APEC leaders meeting in 1995.

Primary objective is to foster a common understanding of energy challenges facing APEC member economies.

- Through analysis of the supply and demand outlook.
- The development of energy markets.
- Discussion of policy responses.

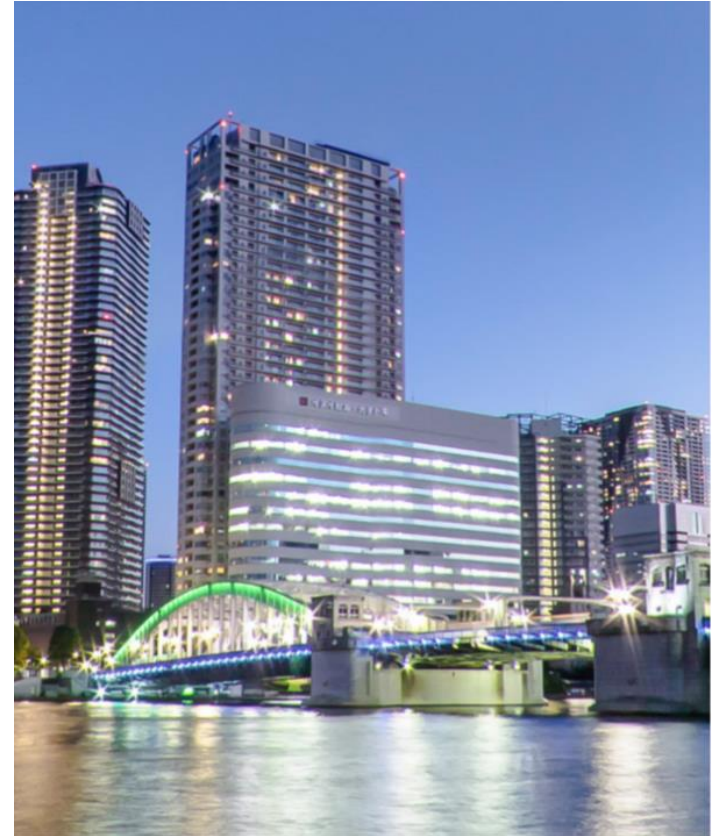
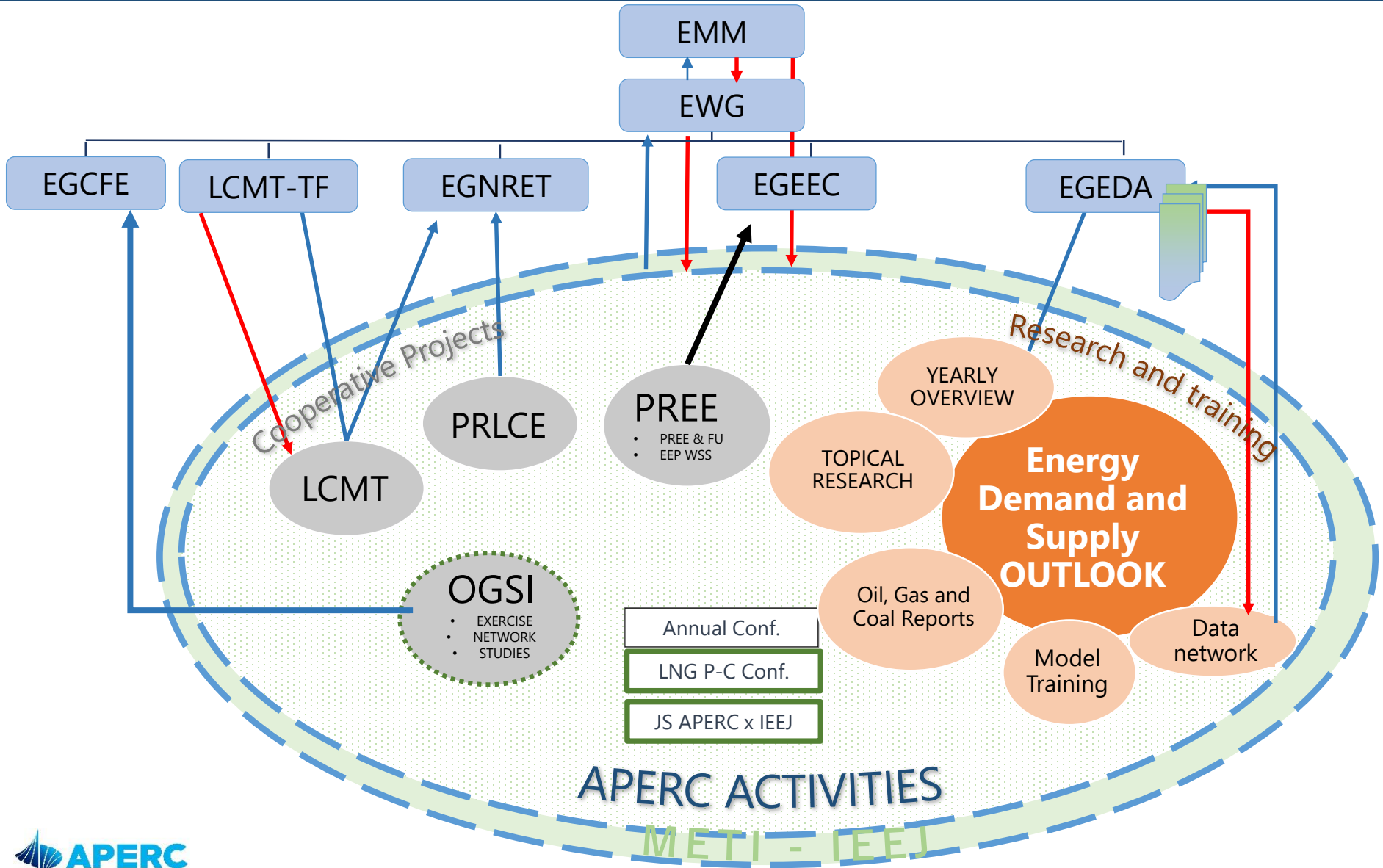


Image: Google Street View

APERC overview



APERC activities

1. Research activities

- a. APEC Energy Demand and Supply Outlook (EDSO)
- b. Annual APEC Energy Overview
- c. APERC Oil/Gas/Coal Reports
- d. Topical studies

2. Cooperative Projects

- a. Peer Review on Energy Efficiency (PREE)
- b. Renewable Energy Projects (PRLCE, LCMT)
- c. Energy Security Projects (OGSI)

3. Training and Data Collection

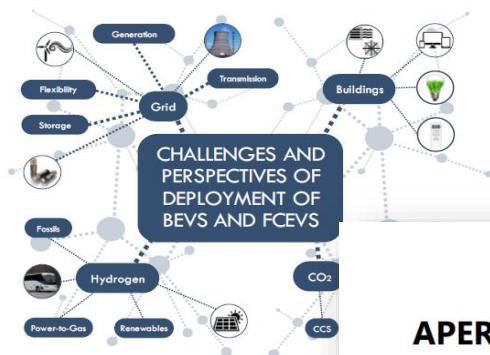
4. Annual Conference and Advisory Board meeting

5. Other activities/missions

APEC Energy Demand & Supply Outlook

- The '**APEC Energy Demand and Supply Outlook**' project is a priority task for APERC under the APEC Energy Action Programme adopted by leaders in 1995.
- The Outlook provides quantitative analyses and policy insights on projected trends for energy demand and supply in APEC economies through 2050.
- The 7th Edition includes three scenarios: Business as Usual (current policies); APEC Target (combines Intensity Goal with Doubling RE Goal); and 2 Degree Celsius Scenario (consistent with Paris Accord goal to limit warming to 2°C).
- Outlook results are being disseminated to each economy during Roadshow events. APERC researchers have visited three-quarters of APEC economies since the report's release. The remaining economies will be visited by the end of 2019.
- Preparation for the 8th Edition Outlook is underway. Feedback from economies on scenarios, models, and data are contributing to the development.
- The 8th Edition Outlook will utilise APEC energy data, to underpin its analysis.

Topical research in 2019



APERC Oil Report 2019

June 2019



- Along with the Outlook, APERC has been conducting research on topics relevant to energy issues and policies in the APEC region.
- Studies focusing on coal, oil and natural gas to support the Expert Group on Clean Fossil Energy (EGCFE) since 2017. The 2019 series of these three reports has already begun.
- Small-scale LNG in Asia-Pacific
- Challenges and perspectives on deployment of BEVs and FCEVs

History of Cooperative Activities

	2007										2018			2019
PREE	1.NZ	2.CHL	3.VN	4.THA	5.CT	6.PE	7.MAS	8.INA	9.RP	10.BD		11.MEX		
FU PREE							1.VN			2.RP	3.THA	4.MAS	5.PE	
PRLCE				1.THA	2.RP		3.INA	4.MAS	5.VN	6.PNG				
LCMT			1.Yujiapu PRC	2.Samui THA	3.Da Nang, VN	4.San Borja PE	5.Bitung INA	6.Mandaue RP	7.Krasnoyarsk RUS					
LCMT Symposium										1.Jakarta INA	2.Da Nang VN	3.San Borja PE		
LCMT Dissemination										1.Band Aceh, INA			1.Davao, RP	
										1.Hang Tuah Jaya, MAS			2.Da Lat, VN	
										1.Shah Alam, MAS				
OGSE				SE Asia	INA	launched OGSI	1.RP	2.AUS	3.PE				4.CHL	
OGSNF							1.Kitakyushu JPN	2.Kagoshima JPN	3.Irkutsk RUS	4.Tokyo JPN	5.Sendai JPN			

<p>EMM8</p> <p>APEC Leaders Sydney Meeting</p> <p>Energy intensity reduction goal of APEC region by at least 25% by 2030 Introduction of PREE</p>	<p>EMM9</p> <p>APEC EMM in Fukui</p> <p>Launch of PRLCE & LCMT Continuation of PREE & CEEDS</p>	<p>APEC Leaders Honolulu meeting</p> <p>APEC's aggregate energy intensity reduction goal of 45% by 2035</p>	<p>EMM10</p> <p>APEC EMM in St. Petersburg</p> <p>Instruction on improving the response to oil and gas emergency situations (OGSE)</p>	<p>EMM11</p> <p>APEC EMM in Beijing</p> <ul style="list-style-type: none"> Approval of OGSI Goal of doubling the share of renewables by 2030 	<p>EMM12</p> <p>APEC EMM in Cebu</p> <ul style="list-style-type: none"> Instruction on enhancing the quality of electric power infrastructure Move LCMT to the dissemination stage
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