

## The 6th IEEJ/APERC International Energy Symposium – *Carbon Neutral : What Does This Mean for the World* –

With the prolonged and serious impacts of the Covid-19 pandemic, the global energy and environment situation has become increasingly confusing and uncertain. On the other hand, a number of countries began tackling the Climate Change in earnest. Following the European major states, China, Japan, Republic of Korea, and other countries pledged to be carbon neutral by mid-century. Due to the forecast that the Biden administration will pledge about the same target, the focal point of the discussions among developed countries has already shifted to how they can achieve carbon neutral by 2050, the effective and pragmatic means of the ambitious goal.

Meanwhile, Asian developing countries have acute interests in the affordability of innovative technology developments such as decarbonization of fossil fuels since they, in their policy agenda, prioritize economic growth and education more than climate change, and the cost of non-fossil fuels including renewable and nuclear energy is relatively high. Moreover, Middle East nations, while struggling for economic diversification, vastly aim for continued use of fossil fuels by means of decarbonization technology.

In this symposium, we, APERC and IEEJ, focusing on the means for achieving carbon neutral, offer multi-angle views to effects on Asian developing countries and Middle East region brought by this climate goal through discussions among international prominent experts and IEEJ researchers about the following topics:

- Can the World achieve Carbon Neutral?
- Can Developing Countries pursue the dual goal of Carbon Neutral and Economic Growth?
- How will the Middle East respond to the global Carbon Neutral movement?

In order to explore these questions, prominent foreign experts will discuss with IEEJ experts.

1 . Date/Time: 23rd April 2021 (Friday) 9:00-10:25 and 15:00-18:25 (in Japan Standard Time (JST))

09:00-09:10	Opening Remarks
09:10-10:25	Session 1
15:00-15:30	Special Speech
15:30-16:45	Session 2
17:00-18:15	Session 3
18:15-18:25	Closing Remarks

2 . Seminar type: Webinar (Virtual Seminar) through ZOOM

3 . Theme of the Symposium : Carbon Neutral : What Does This Mean for the World?

**Program (in Japan Standard Time)**

9:00-9:10	Opening Remarks	<b>Mr. Masakazu Toyoda</b> , Chairman and CEO, IEEJ
9:10-10:25	<p><b>Session 1 “Can the World achieve Carbon Neutral ?”</b></p> <ul style="list-style-type: none"> <li>➤ How much is the seemingly probability of achieving Carbon Neutral by mid-century?</li> <li>➤ What urgent actions are now required for key actors such as government and business to untangle bottlenecks on the way to Carbon Neutral?</li> </ul>	
	Moderator	<b>Mr. Hiroki Kudo</b> , Board Member, Director, IEEJ
	Presenter and Panelist	<b>Dr. Kenneth Medlock III*</b> , Senior Director, Center for Energy Studies, Rice University's Baker Institute <b>19:10-20:25 Thu. 22 Apr. (CDT)</b>
		<b>Mr. Allan Fogwill</b> , President & CEO, Canadian Energy Research Institute, Canada <b>18:10-19:25 Thu. 22 Apr. (MDT)</b>
		<b>Dr. Fuqiang Yang</b> , Senior Advisor, Climate Change and Energy Transition Program (CCETP), Institute of Energy, Beijing University <b>8:10-9:25 Fri. 23 Apr. (CST)</b>
(9:10-09:40)	Presentation	<b>(10min/person ×3 persons)</b>
(09:40-10:25)	Panel Discussion & Q&A <b>(45min)</b>	

15:00-15:30	<p>Special Speech: “<b>Current status of the revision toward the New Strategic Energy Plan</b>”</p> <p><b>Mr. Shin Hosaka</b>, Commissioner, Agency for Natural Resources and Energy, Ministry of Economy, Trade and Industry (METI) <b>Video appearance</b></p>	
15:30-16:45	<p><b>Session 2 “Can Developing Countries pursue the dual goal of Carbon Neutral and Economic Growth ?”</b></p> <ul style="list-style-type: none"> <li>➤ Is Carbon Neutral interrupting Developing Countries from Economic Growth?</li> <li>➤ What is seriously needed for pursuing the dual goal of Carbon Neutral and Economic Growth? Decarbonization technology? Generous understating from Developed Countries?</li> </ul>	
	Moderator	<b>Ms. Yukari Yamashita</b> , Managing Director, IEEJ
	Presenter and Panelist	<b>Mr. Wim Thomas*</b> , Former Chief Energy Advisor, Shell Strategy Business environment, Shell International BV <b>8:30-9:45 Fri. 23 Apr. (CEST)</b>
		<b>Dr. Siri Jirapongphan</b> , Former Minister of Energy, Thailand, Current Advisor to the Minister of Energy, Thailand <b>13:30-14:45 Fri. 23 Apr. (ICT)</b>
		<b>Dr. Leena Srivastava</b> , Deputy Director General for Science, International Institute for Applied Systems Analysis (IIASA) <b>8:30-9:45 Fri. 23 Apr. (CEST)</b>
(15:30-16:00)	Presentation	<b>(10min/person ×3persons)</b>
(16:00-16:45)	Panel Discussion & Q&A <b>(45min)</b>	
16:45-17:00	Break	

17:00-18:15	<b>Session 3 “How will the Middle East respond to the global Carbon Neutral movement ?”</b>	
	<ul style="list-style-type: none"> <li>➤ What effects on the Middle East are resulting from the global Carbon Neutral movement?</li> <li>➤ What challenges for ensuring stability in the Middle East are ahead of us while the World moves towards Carbon Neutral?</li> </ul>	
	Moderator	<b>Dr. Ken Koyama</b> , Senior Managing Director, Chief Economist, IEEJ
	Presenter and Panelist	<b>Prof. Paul Stevens*</b> , Distinguished Fellow, Energy, Environment and Resources, Chatham House, UK 9:00-10:15 Fri. 23 Apr. (BST)
		<b>Dr. Raja Almarzoqi</b> , Former Advisor, Middle East and Central Asia Department, International Monetary Fund (IMF) 11:00-12:15 Fri. 23 Apr. (AST)
<b>Dr. Adnan Shihab-Eldin</b> , Former Director General, Kuwait Foundation for the Advancement of Sciences, Kuwait 11:00-12:15 Fri. 23 Apr. (AST)		
(17:00-17:30)	Presentation <b>(10min/person ×3 persons)</b>	
(17:30-18:15)	Panel Discussion <b>(45min)</b>	
18:15-18:25	Closing Remarks	<b>Dr. Kazutomo Irie</b> , President, APERC

\* Distinguished Fellow of IEEJ