

## Toward net-zero emission pathways using the circular carbon economy framework

**Venue:** COP26, Glasgow, UK  
**Date:** November 3, 2021  
**Format:** Each session will begin with two research presentations by a selected participants followed by a Q/A discussion to develop new insights and identify future research directions in the area presented.  
**Hosted by:** King Abdullah Petroleum Studies and Research Center (KAPSARC), Saudi Arabia & Institute of Energy Economics (IEEJ), Japan  
**Moderator:** Noura Mansouri, KAPSARC

Wednesday November 3, 2021

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|                      | <p><b>16:45 – 16:55 am (10 minutes)</b></p> <p><b>Welcome and Scene-Setting Remarks</b></p> <p>Welcome and introduction, Fahad Alajlan, President, KAPSARC<br/> Welcome and introduction, Tatsuya Terazawa, Chairman and CEO, IEEJ</p>   |
| <b>SESSION 1</b>     | <p><b>16:55 – 17:25 (30 minutes)</b></p> <p><b>Circular Carbon Economy Scenarios for Global Energy Transition</b></p> <p><b>Session Description:</b> The session will introduce the concept of the Circular Carbon Economy and explore its potential role in pathways that reflect long-term low greenhouse gas emission development strategies (LT-LEDS), and for achieving net-zero emission targets that are consistent with the Paris Agreement. This session will showcase CCE scenarios that were produced separately by KAPSARC and IEEJ, and will shed light on alternative global and regional roadmaps and perspectives in the transition of the energy system toward a net-zero target.</p> <p><b>Speaker(s):</b></p> <ul style="list-style-type: none"> <li>- Mohamad Hejazi (KAPSARC) (10 minutes)</li> <li>- Yukari Yamashita (IEEJ) (10 minutes)</li> </ul> <p><b>Discussion (10 minutes)</b></p> |
| <b>SESSION 2</b>     | <p><b>17:25 am – 17:55 pm (30 minutes)</b></p> <p><b>Measuring the Circular Carbon Economy – The 2021 CCE Index</b></p> <p><b>Session Description:</b> This session will mark the launch of KAPSARC's new Circular Carbon Economy (CCE) Index. The index is intended as a domestic policy evaluation and planning tool for governments and other policy stakeholders working on the nexus of energy, emissions, and the economy, and striving toward the ultimate goal of achieving net-zero emissions. The 2021 CCE Index compares 30 major economies on two temporal dimensions: current CCE performance and CCE transition potential.</p> <p><b>Speaker(s):</b></p> <ul style="list-style-type: none"> <li>- Mari Luomi (KAPSARC) (15 minutes)</li> <li>- Takahiko Tagami (IEEJ) (5 minutes)</li> <li>- Discussion (10 minutes)</li> </ul>  |
| <b>17:55 – 18:00</b> | <b>Closing remarks - Noura Mansouri, KAPSARC</b>   |