

7th IEF-KAPSARC Thought Leaders' Roundtable at the IEF Headquarters, Diplomatic Quarter, Riyadh Energy Security and Advancing Technology, Innovation and Investment

Thursday 17 February 2022

The Secretary General of the International Energy Forum and the President of the King Abdullah Petroleum Studies and Research Center will host the 7th IEF-KAPSARC Thought Leaders' Roundtable on 17th February in Riyadh. Sessions will focus on investment in clean technology deployment, advancing innovation, and modernizing infrastructure to fulfil energy security, climate policy, and sustainable development goals as well as protect against non-market risks, such as extreme weather and cyberattacks.

New climate and economic recovery policies increase the momentum for investment in clean technologies and accelerate the energy innovation drive. Successful energy sector transformations depend on how fast energy infrastructure will evolve to cost effectively integrate new clean technologies while continuing to reliably provide affordable access to modern energy services for all. New hydrogen or carbon use and disposal streams will add new dynamics to an already complex mix of molecules and electrons generated from fossil, renewable, and nuclear sources. Extreme weather events and cyberattacks further amplify the call for stepping up investment in clean technologies, innovation, and infrastructure resilience. This is in addition to the traditional energy security, market competition, and public service requirements that increasingly congested energy transmissions systems must work hard for to meet today.

Governments, research centers and the private sector should step up collaboration to improve risk management and crisis recovery. Technology advances and infrastructure investment need to realign on a broader spectrum of technologies and linkages to become more resilient and deliver clean energy flows with greater flexibility in response to rapidly changing and more volatile supply and demand patterns. Scaling clean technology and modernizing aging systems must move forward in tandem to serve increasingly complex energy markets. New concerted policy initiatives and more accommodating regulatory approaches can lead the way to broaden public acceptance and stimulate investment. Enhanced dialogue among governments, innovators and investors is urgently needed to push clean technology uptake fast forward and ensure our energy infrastructure delivers the service on which present and future generations rely.

Questions:

1. *How can governments and industry accelerate innovation and deployment efforts and give greater support to technologies at lower market readiness levels and strengthen public acceptance?*
2. *Which technologies hold promise in different market settings? What market and government solutions will accelerate investment to scale clean technologies?*
3. *How can synergies between hydrogen, CCUS, small modular nuclear reactors and other clean technologies reduce market hurdles and cost?*
4. *To what degree can risks assessments and permitting for modernizing and installing new infrastructure become more agile and less time consuming. Which processes can run in parallel to deploy clean technology at warp speed?*
5. *How can rights of way be streamlined and obtained faster and benefit from greater public support?*
6. *What international alliances and cooperation platforms are best positioned to accelerate investment in the innovation, clean technology, and infrastructure we need?*

Participation and proceedings

Participation in the in person high-level roundtable is by invitation only. Proceedings will be livestreamed to the public on multiple platforms.

09:00 to 09:15	<p>Welcome and scene setting</p> <p>Joseph McMonigle, Secretary General, International Energy Forum (IEF)</p> <p>Fahad Alajlan, President, King Abdullah Petroleum Studies and Research Center (KAPSARC)</p>
09:15 to 10:30	<p>Session 1: Energy security & moving innovation and clean energy technologies fast forward</p> <p>Keynote Peter Terium, CEO of Energy and Water Company, NEOM</p> <p>Moderator Adam Sieminski, Senior Advisor to the Board of Trustees, KAPSARC</p> <p>Panelists</p> <p>Brian J. Anderson, Director National Energy Technology laboratory NETL, US Department of Energy</p> <p>Cornelia Meyer, Chairman, CEO, Chief Economist, MRL Corporation, LBV Asset Management</p> <p>Roundtable Discussion/Q&A</p>
10:30 to 11:00	<p>Break</p>
11:00 to 12:00	<p>Session 2: Managing the transition: energy security and modernizing energy infrastructure</p> <p>Keynote HE Ana Palacio, Former Foreign Minister of Spain</p> <p>Moderator Helima Croft, Head of Global Commodity Strategy and MENA Research, RBC Capital Markets</p> <p>Panelists</p> <p>Ahmed A. Attiga, Chief Executive Officer, Arab Petroleum Investments Corporation, APICORP</p> <p>Antoine Halff, Founding Partner, Kayrros</p> <p>Carmen Elena Cirnu, Scientific Director, National Institute for Research and Development in Informatics ICI Bucharest</p> <p>Roundtable Discussion/Q&A</p>
12.00 to 13.00	<p>Session 3: Investment in market stability, energy access, and low carbon solutions</p> <p>Keynote Charif Souki, Executive Chairman, Tellurian</p> <p>Moderator Princess Noura Turki Al Saud, Founding Partner, AEON Strategy</p> <p>Panelists</p> <p>Jean-Pascal Cléménçon, SVP Strategy & Markets, Total Energies</p> <p>László Varró, VP Global Business Environment, Shell</p> <p>Jamie Webster, Senior Director, Boston Consulting Group</p> <p>Roundtable Discussion/Q&A</p>
13:00	<p>Summary of key findings and next steps</p> <p>Joseph McMonigle, Secretary General, International Energy Forum (IEF)</p> <p>Fahad Alajlan, President, King Abdullah Petroleum Studies and Research Center (KAPSARC)</p>
13:15	<p>Networking Lunch</p>