

CEM side event at the WEC 24

September 11, 2019

Capital suite #7 at WEC venue

15:00 – 19:00

Draft agenda (as of July 30)

- 3:00 - 3:20 ***Welcome from the UAE and CEM Sec***
UAE HE Under Secretary MATAR EL NEYADI
Head of the Clean Energy Ministerial Secretariat (CEM) Christian Pilgaard
ZINGLERSEN
- 3:20 - 3:35 ***Energy transformation and Regional integration of power systems*** (scene
setter) (IEA, IRENA and NREL)
- 3:35 – 4:10 ***Role of scenarios and planning*** (led by IRENA for LTES)
Focus: how the regional integration scenarios better inform national level
LTES and vice-versa.
Opening high-level framing of the questions by IRENA;
Moderated Panel discussion with panellists that represent
European power system (e.g., ENTSO-E), African power system (e.g. Eastern
African Power Pool), and gulf-interconnection (e.g., Islamic Development
Bank, or KAPSARC), possibly a speaker from UAE
- 4:10 - 4:45 ***Policy issues on grid infrastructure and regional interconnection at large
jurisdictions to integrate RE*** (led by GEIDCO for RGEI)
presentation by GEIDCO (10 min)
presentation by IRENA (10 min)
panel discussion, including GCCIA (15 min)
- 4:45 - 5:00 ***Coffee break***
- 5:00– 5:40 ***Regional integration & Power System Flexibility***, led by PSF
presentation by IEA (Szilvia Doczi): regional integration and power system
flexibility (10 min)
presentation by NREL (Doug Arent - TBC) (10 min)
Moderated Panel discussion (participants to be confirmed, we will seek
balance in terms of geography etc UAE, DK, GE, CH, IN gov or corp,
IRENA, Tata or MOP, Huawei, TEPCO, GE, Engie, Vestas, Arup) (20 min)
- 5:40-6:20 ***Transformative roles of nuclear in resilient, flexible clean energy systems
Overview Presentation*** (5 minutes):
-- Presentation by Operating Agent NREL (Jill Engel-Cox or Doug Arent-
TBD): The NICE Future vision and the “Flexible Nuclear” Campaign .
Global Perspectives:
-- OECD NEA Director-General Bill Magwood: Emerging innovations and
applications for advanced nuclear technologies (beyond power) and recent

NEA study on nuclear-renewables integration (invited--availability not confirmed)***might not be available

Spotlight on the Middle East

-- UAE speaker: HE Under Secretary Matar El Neyadi or HE Assistant Under Secretary Fatima Alshamsi

--Jordan speaker: HE Hala Zawati, Minister of Energy or HE Kamal Araj, Atomic Energy Commission of Jordan***optional

Moderated Panel-- moderator: Jill Engel-Cox (25 minutes)--all TBD:

Industry and think tank perspectives on emerging innovations and applications for advanced nuclear technologies (including beyond power) and integration perspectives:

[Pick 3:]

--Agneta Rising, DG, World Nuclear Association [flexibility, integration, and advanced technologies on global scale]

--John Hopkins, President and CEO Nuscale [transformative potential of SMRs] --Randy Bell, Director, Atlantic Council [global studies]

--Mike Howard, President and CEO, EPRI [innovation and integration]

--Jean Bernard-Levy, CEO of EDF or Marianne Laignally, Group Senior VP of EDF [the French experience with nuclear-renewables integration]

6:20 – 6:55 "The need for CCUS and the opportunity for the CEM CCUS Initiative" à 10 minute presentation by Juho Lipponen or Hamoud Otaibi

Moderated Panel discussion: "CCUS opportunity in the Gulf Region" à 25 minutes moderated discussion – moderator: Juho Lipponen

- UAE rep

- KSA rep

- OGCI or World Bank rep

6:55 – 7:00 Conclusions/next steps (CEM Sec)