



34th ESCC Meeting for the CAREC Energy Program

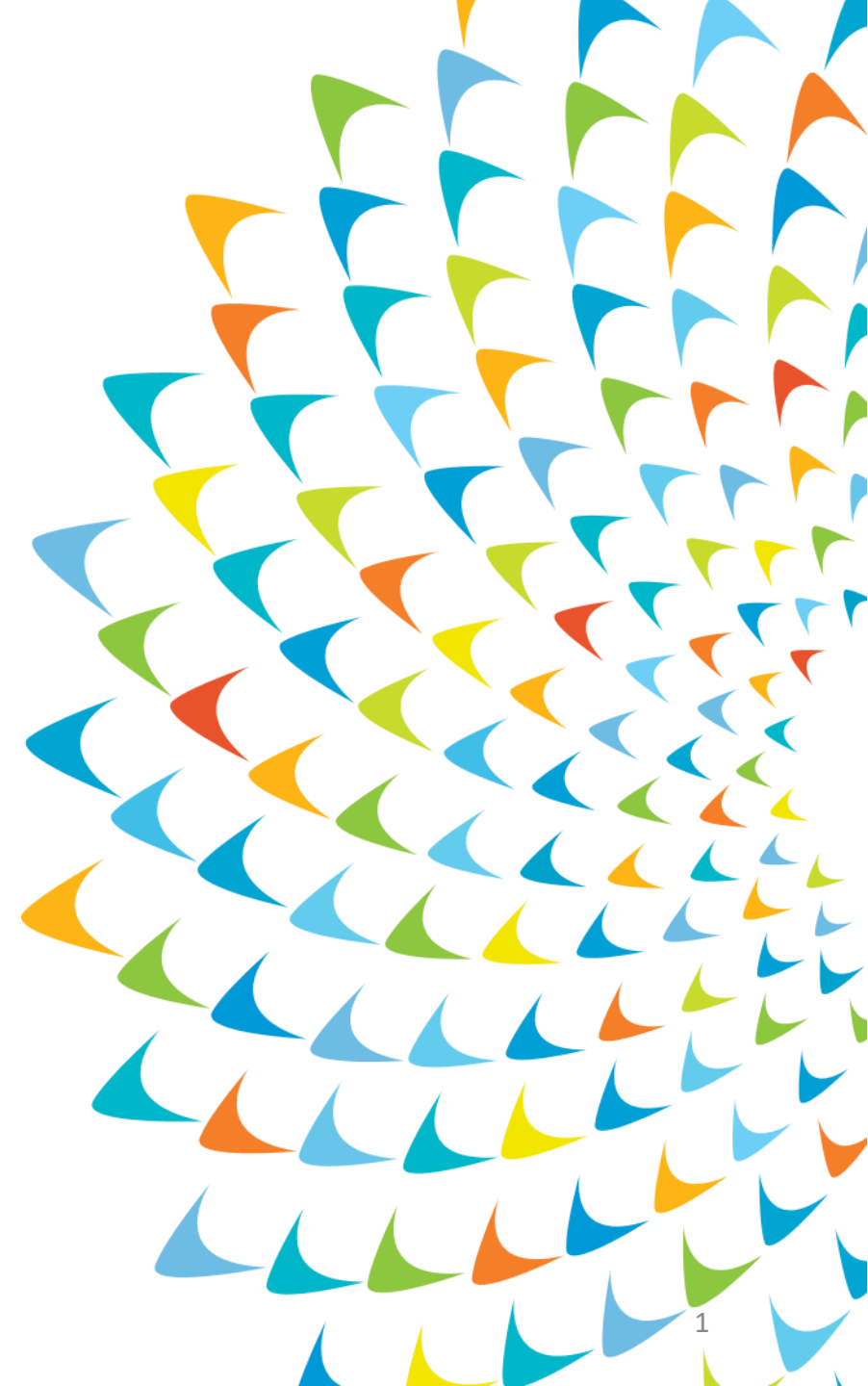
Lessons Learned from 2023 and Future Planning

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www.adb.org





ESCC Work program 2023-2025



- Action- and meeting based work program agreed upon at last year's ESCC meeting
-> leveraging on previously delivered knowledge products, coordinated with other development partners and CAREC member governments.
- Aligned with the CAREC Energy strategy:
Interconnectivity, scaled up investments and sustainability.

Activity	Location	Timing
33 rd ESCC Meeting	Zoom	May 14, 2023
CAREC Energy Investment Forum	Tbilisi	Nov 28-29, 2023
Energy Mission to Norway and Denmark	Oslo and Copenhagen	Jun 17-19, 2024
Transmission and interconnectivity workshop	Tashkent	Sep 25-26, 2024
Proposed: Infrastructure Investment Forum	Almaty	Q4 2024 (TBC)
Energy Efficiency Event	Bishkek?	H1 2025 (TBC)



Recap of the 2023 CAREC Energy Investment Forum

ADB

Hosted over 170 participants, enhancing sector-wide information exchange and networking over this two-day event

Featured dedicated presentations on energy sector developments in each CAREC country, highlighting individual and collective progress and challenges

In total 27 individual sessions, including presentations, roundtable discussions and a matchmaking forum on day #2

Accelerated the progress of regional projects and initiatives

Improved networking and relationship building, essential for long-term goals.

Lessons learned: (i) earlier delegate nominations, (ii) even more project focus, (iii) more private sector engagement and participation



Short intervention from Ms. Margalita Arabidze, Ministry of Economy and Sustainable Development of Georgia



Proposed infrastructure investment forum arranged together with CAREC's Transport and Water pillar. Almaty, Q4 2024 (TBC)



Potential themes and topics covered at the forum:

Water/Energy Nexus: Addressing the synergies and dependencies between hydropower generation and water resources management.

Electrification of the Transport Sector: Discussing the transition to electric vehicles and the necessary energy infrastructure development for a greener transport system.

Public-Private Partnerships (PPPs): Strategies for successful PPPs in infrastructure, drawing from experiences in all three sectors.

Innovative Financing Models: Discussing new financing mechanisms that can support large-scale infrastructure projects across sectors.

Technology and Innovation: Showcasing cutting-edge technologies in smart grids, water-saving systems, and electric vehicles that could be integrated across sectors.

Short intervention from Ms. Lyaziza G. Sabyrova, ADB



Energy Mission to Oslo and Copenhagen

June 15-19, 2024



Varied program, meeting world leading institutions in regional interconnectivity, renewable energy absorption, electricity trading and sustainable heating solutions

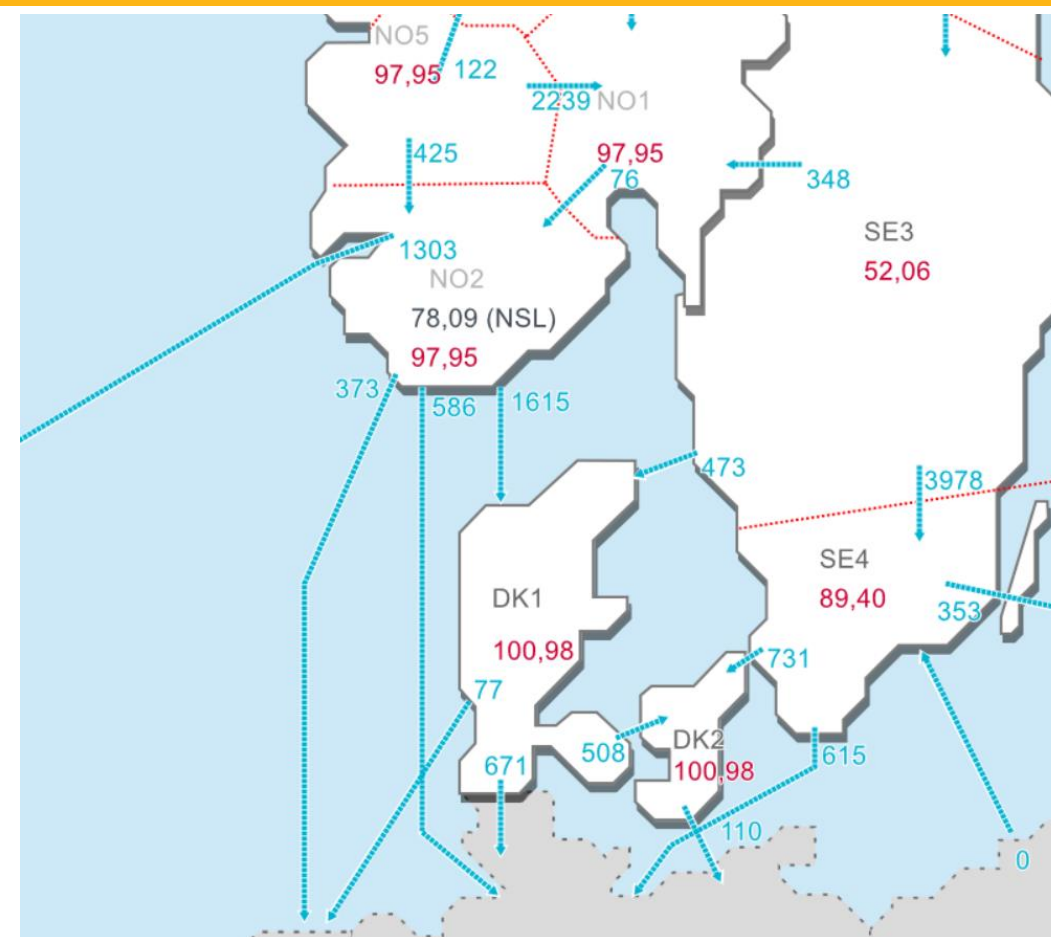
Both Norwegian and Danish government involved in the program, big interest in sharing knowhow and expertise with CAREC countries

Potential for further collaboration and support with local Nordic institutions

This mission will compliment and support the Transmission and interconnectivity workshop planned for September 25-26 in Tashkent

Please nominate delegates as soon as possible due to logistics and visa issues

Power flow and prices Norway-Sweden-Denmark Apr 3 2024 @ 3pm



<https://www.statnett.no/for-aktorer-i-kraftbransjen/tall-og-data-fra-kraftsystemet/#nordisk-kraftflyt>



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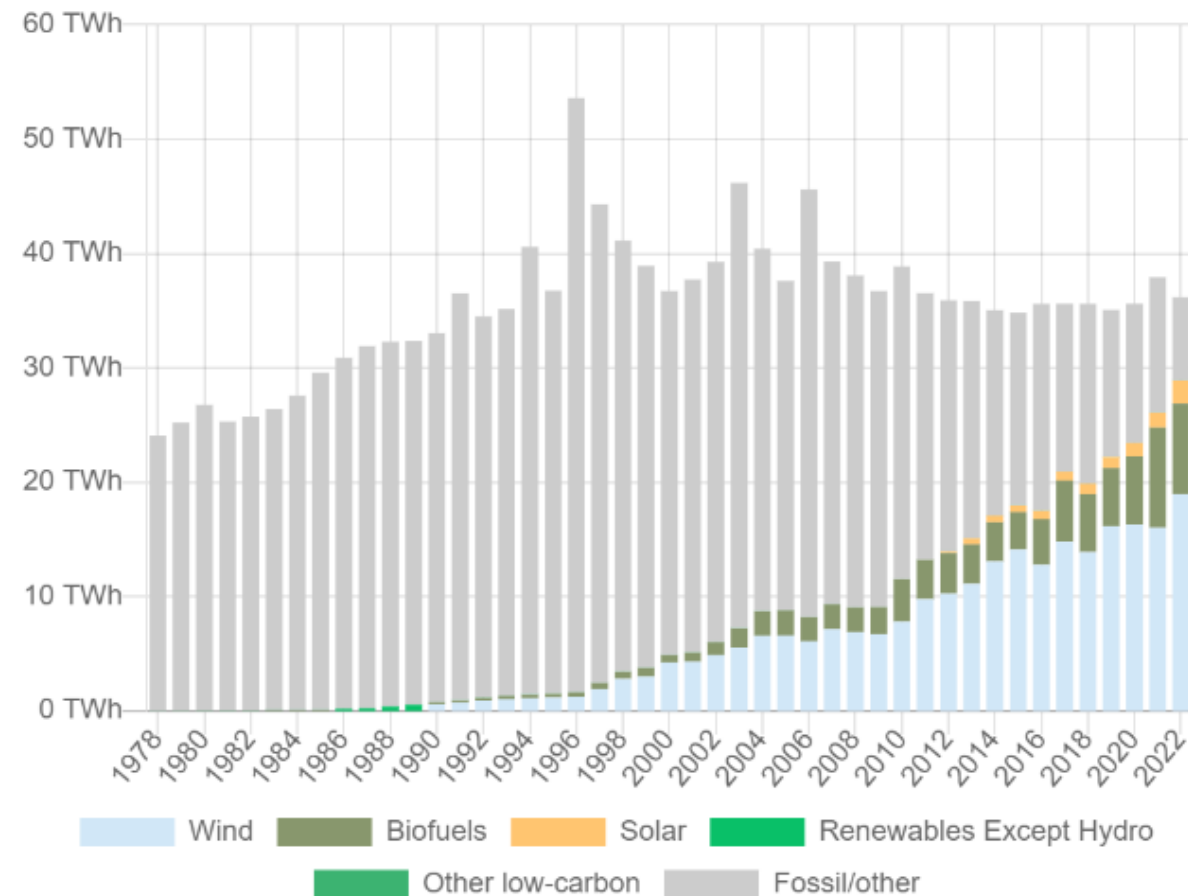
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Electricity generation in Denmark – TWh
1978-2023



*in 2023: 27.1 TWh of low carbon / 32.7 TWh total generation



Transmission and interconnectivity workshop

Tashkent September 25-26, arranged together with CDC



Topics and themes covered at the workshop:

Electricity Market Gap Analysis (Analyzing differences and opportunities in the electricity markets of CAREC countries)

Tariff Methodology Challenges for TSO and DSO (Addressing pricing structure issues for Transmission System Operators (TSO) and Distribution System Operators (DSO))

Electricity Export/Import Operations in CAPS (Examining the flow of electricity in the Central Asia Power System (CAPS))

HVDC Technologies for Interconnections (Exploring High Voltage Direct Current (HVDC) technology for linking power networks)

RES Integration and Lessons for TSO/DSOs (Discussing the incorporation of Renewable Energy Sources (RES) and its impact on TSO and DSO operations)

Demand and Load Forecasting (Predicting energy demand and managing load distribution through AI and other technology)



In summary:



- Please nominate delegates for the Energy Mission to Norway and Denmark as soon as possible.
- Feel free to contact us to discuss topics for both the Infrastructure Investment Forum and the interconnectivity and transmission workshop. Invitations for the workshop will be sent early August 2024, the Infrastructure Investment Forum is TBA.