



UNECE – UNESCAP Programme on Energy Connectivity in Central Asia and the Caucasus



Team

Matthew Wittenstein, Chief of Section Energy Connectivity, UN ESCAP

Anna Lobanova, Sustainable Energy Specialist & Energy Connectivity Project Lead, UN ESCAP

Iva Brkic, Secretary of the Committee on Sustainable Energy & Central Asia Lead, UNECE

Nadejda Khamrakulova, Secretary of the Group of Experts on Cleaner Electricity Systems & Water-Energy Nexus Lead, UNECE



**Session 5 – Development of tools and fostering
multi-stakeholder partnerships for a resilient
and interconnected power systems-in
Kazakhstan and Uzbekistan**

13:30 – 16:00

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- **Project 1: Energy connectivity for sustainable development**

Enabling renewable energy resource sharing across borders (ECO-REM). Development of a roadmap to inform multilateral power trading.

- **Project 2: Energy Connectivity in Central Asia**

Improving resiliency of the energy systems in Central Asia through enhanced regional energy connectivity. Development of scenarios and a roadmap for a regionally interconnected energy system.

- **Project 3: Supporting increased energy security and resilience through energy transition**

Enhancing energy security and energy system resilience through energy connectivity. Technical workshops on building policy design capacity for resilient and connected energy systems in Kazakhstan and Uzbekistan.

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- **Project 3: Supporting increased energy security and resilience through energy transition**
 - Objective: to help member States increase their policy design capacity to enhance energy security and energy system resilience through energy connectivity
 - Key activity: development of tools and fostering multi-stakeholder partnerships for a resilient and interconnected power systems
 - Stakeholders:
 - national and regional stakeholders
 - development organizations
 - 5 UN Regional Commissions – UNECE, ESCAP, ECLAC, ESCWA, ECA

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- **Project 3: Supporting increased energy security and resilience through energy transition**

- Timeline:

- **Toolkit for a cost-benefit analysis of interconnected power systems -> *from top down to bottom up*: development of analysis for project beneficiary countries by November 2024**
- **National workshops and focused reports periodical by 30 December 2024**
 - Zoom in on Kazakhstan and Uzbekistan – 13 June 2024
 - Zoom in on Georgia – 21 June 2024
 - Zoom in on Costa Rica and Panama – summer 2024
- **Cross-regional multistakeholder dialogues annually by 2026**
 - COP29 Baku, November 2024
 - IFESD Bangkok, 2-4 December 2024
- **Report on cross-border power trade by December 2025**



Moderated discussion

- **What are the perceived challenges and potential benefits from the development of connectivity projects?**
- **How do Kazakhstan and Uzbekistan government agencies, civil society groups, and other stakeholders currently collaborate on power system development?**
- **The Green Power Corridor Framework has six building blocks: social acceptance, institutional framework, infrastructure backbone, political accord, regulatory framework, and enabling financing. Which building blocks are relevant to energy security and resilience in Kazakhstan/Uzbekistan?**
- **What are existing strategic plans and current measures for the development of cross-border power system connectivity, including grid infrastructure development and power trade?**