



# Advancing a Climate-Resilient, Green, and Just Energy Transition

COP29 OFFICIAL SIDE EVENT

18th November 2024, 11.30-13.00  
Side Event Room 6, Blue Zone\*



# High-level Segment

## H.E. SVITLANA GRYNCHUK

Minister of Environmental Protection and Natural Resources of Ukraine



## H.E. ZULFIYA SULEIMENOVA

Adviser to the President of the Republic of Kazakhstan – Special Representative of the President on International Environmental Cooperation



## BAKYT DZHUSUPOV

Co-ordinator of OSCE Economic and Environmental Activities



## DR. OLIVER RENTSCHLER

Director-General for Climate Diplomacy and Goeconomics, Federal Foreign Office of Germany




## MODERATED BY PERE JOAN PONS

OSCE PA Vice President and Special Representative on Climate Change





The background of the slide features a perspective view of a solar farm with rows of photovoltaic panels in the foreground, leading towards several wind turbines in the distance under a clear sky.

The energy sector is fundamental to combating climate change. Yet it is uniquely vulnerable to climate change, with cascading effects across other critical sectors.

This OSCE high-level event calls for *global action* to address the energy-climate-security nexus and tools to advance a climate-resilient energy transition.



## Panel Discussion



**DR. STEFAN UHLENBROOK**

Director of Hydrology, Water and Cryosphere, World Meteorological Organization



**MICHAEL RODI**

Institute for Climate Protection, Energy and Mobility



**BRIANNA LAZERWITZ**

Energy Economist, International Atomic Energy Agency (IAEA)



**IEVGENIIA KOPYTSIA**

University of Oxford, Yaroslav Mudryi National Law University



**MODERATED BY  
GIULIA MANCONI**

Senior Energy Advisor, OSCE



# Guiding Questions

What are the **security challenges** stemming from climate change impacts on energy systems?

What are the **economic costs** of climate change impacts for the energy sector and how can we build energy resilience to climate?

How can international organizations, governments, energy companies, and academia **collaborate** towards climate-resilient energy systems?

How prepared are countries to address the **impact of climate change** on the energy sector & beyond?

What climate science and engineering tools are available to enhance the resilience of energy infrastructure and enable a **secure energy transition**?





JOIN THE DISCUSSION AT  
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