



Workshop III

Subregional workshop on attaining carbon neutrality

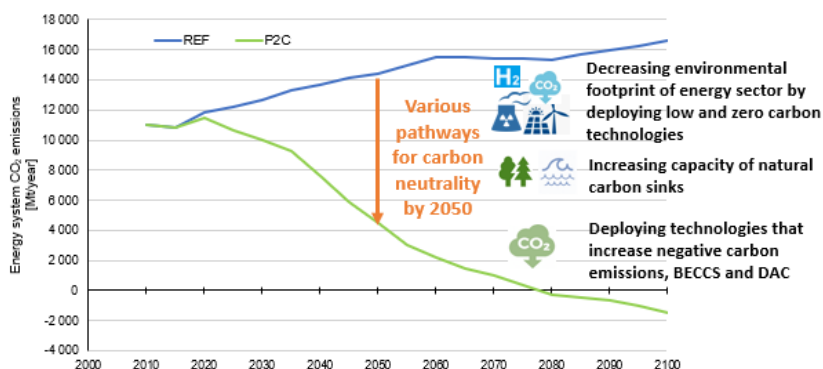
24 November, 11.00 to 13.00 CEST (Geneva time)

Objective

The objective of this session is to improve understanding about the potential of Carbon Capture, Use and Storage (CCUS) and nuclear energy to attain carbon neutrality in the Eastern Europe, the Caucasus and Central Asia. The findings from this workshop will strengthen CCUS technology brief and nuclear energy brief. This workshop is also aimed to initiate the discussion on interplay of selected technology options within the carbon neutrality concept with a focus on power and energy intensive industries.

Context

Countries across Eastern Europe, the Caucasus and Central Asia are seeking solutions to attain their carbon neutrality goals. ECE region is overdependent on fossil fuels with respect to addressing climate change. Today, roughly 80% of the energy mix is fossil fuel-based. The countries in the region need to cut or capture 90Gt of CO₂ emission by 2050 to stay on the pathway to meet Paris Agreement targets. Immediate action and investments are needed to support deployment of all zero emissions technologies – fossil fuels with CCS, nuclear energy, hydrogen, renewable energy.



Schedule

11h00 – 12h00 – focus on CCUS

- Short country presentations (30min) & discussion with audience (30min)
 - What are the technology options that your country considers to attain carbon neutrality target?
 - How does it work in reality? Which technologies do you see most feasible from perspective of your country?

- Why are countries not considering CCUS?
- What would they require to start considering it?

12h00 – 13h00 – focus on nuclear energy

- Short country presentations (30min) & discussion with audience (30min)
 - What are the technology options and role of nuclear energy that your country considers to attain carbon neutrality target?
 - What are the main factors affecting the deployment of nuclear energy (costs, energy security of supply, firm based load, waste, public opinion etc),?
 - Is your county considering new technologies, markets and wider range of applications for nuclear energy?