

WEBINAR

Carbon Dioxide Removal options in the national Long-Term Strategies of EU Member States

Visions for CDR in EU Member States' Long-Term climate Strategies

Virtual public discussion

13 December 2022

10:00 – 11:30 CET

Given that many advanced economies have now committed to the target of climate neutrality by 2050, it is necessary to examine the emerging plans that they will use to achieve this goal. The national long-term strategy (LTS) is the key document describing this within the European Union. Under IPCC guidelines, emission removals are linked to a very great extent to the land-use, land-use change, and forestry (LULUCF) sector. This describes natural emission and sequestration processes across six different land-categories: forest land, cropland, grassland, wetlands, settlements, other land. The LULUCF sector comprises potential natural sinks of greenhouse gases. However, emerging technological solutions, e.g., carbon-capture and storage (CCS) and carbon-capture and utilization (CCU), as well as technological removal options such as direct air capture (DAC) and biotechnology and carbon capture (BECCS) are also being sought to remove emissions.

The Long-Term Strategies (LTSs) for climate neutrality of Member States vary in the importance they assign to LULUCF. Overall, 20 of the 22 LTSs published so far address the topic, whereas 14 of them discuss the topic as a separate chapter and 6 integrate it with agriculture. However, the extent to which countries with significant potential in the sector explore its contribution to climate neutrality varies, even among Member States with significant needs for modernization of their existing legacy networks.

This webinar presents and discusses the findings of a report by the Stockholm Environment Institute (SEI Tallinn). The analysis, conducted as part of the Climate Recon 2050 project, analyses the role of the LULUCF sector in Member States' LTSs. The report describes the current situation, highlights key challenges and shortcomings of LTSs, and proposes a way forward for integrating the LULUCF sector into climate neutrality strategies.

Background: The Climate Recon 2050 project is a platform for intra-EU dialogue on national long-term strategies that was started in 2017. It aims to connect national experts involved in drafting and implementing LTSs and provides a forum for the exchange of experiences and best practices.

Agenda	
10 min	Welcome and framing Moderator: Kaidi Tamm (SEI Tallinn, senior expert)
25 min	LULUCF in national Long-Term Strategies: Member States' visions for sustainable land use and reaching carbon neutrality Brigita Tool and Peter Walke (Climate Energy and Atmosphere program, SEI Tallinn) Analysis to be published at www.climatedialogue.eu (15 min presentation + 10 min Q&A)
35 min	Panel discussion: The potential and risks in the LULUCF sector in reaching climate neutrality in the EU

	Dr. Hannes Böttcher (Öko-Institut, Germany) Kädi Ristkok (Ministry of Environment, Estonia) Dr. Marina Vitullo (ISPRA, Italy)
15 min	Q&A and discussion with the audience
5 min	Summary and wrap-up

The event will be live streamed and recorded.

