

# Networking Group on Carbon Capture, Use and Storage (NGCCUS)

Ane Gjengedal

Norwegian Ministry of Petroleum and Energy

Chairwoman of NGCCUS

Making CCU and CCS happen! 12-13. December 2022, Bergen



*The Nordic-Baltic cooperation (NB8)  
is a regional cooperation format*

As of 1992 it has brought together Nordic and Baltic countries  
in order to discuss important regional and international issues  
in an informal atmosphere

# Our vision 2030

## A **green** Nordic region

Together, we will promote a green transition of our societies and work towards carbon neutrality and a sustainable circular and bio-based economy.

## A **competitive** Nordic region

Together, we will promote green growth in the Nordic region based on knowledge, innovation, mobility and digital integration.

**The Nordic  
region will  
become the most  
sustainable and  
integrated region  
in the world**

## A **socially sustainable** Nordic region

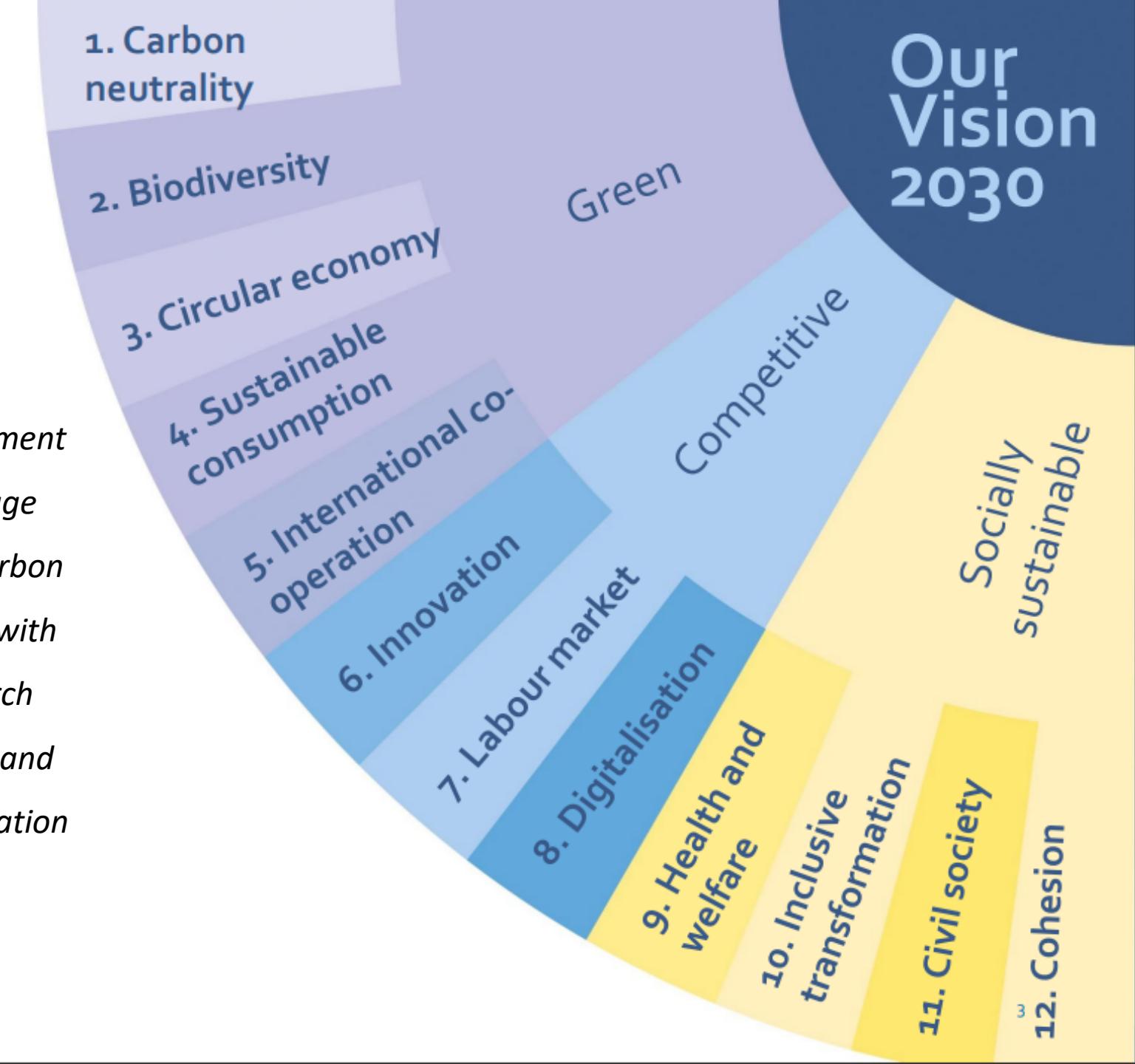
Together, we will promote an inclusive, equal and interconnected region with shared values and strengthened cultural exchange and welfare.



## Declaration of Nordic Carbon Neutrality

by the Nordic Prime Ministers in 2019:

*"We will intensify our cooperation in order to (...) Contributing to further development and deployment of carbon capture and storage (CCS), carbon capture and utilization (CCU), carbon capture and mineralization (CCM), bioenergy with CCS (BECCS) technologies, conducting research to resolve the remaining technical challenges and developing business models for the implementation of CCS, CCU and CCM."*



# NGCCUS, 2019-2021, 2022-2024

## Why was the group established?

- The NGCCUS emerged in 2018, after it was noted that there was a significantly increased interest for CCUS and decarbonization strategies in these regions

## Who is involved in the group?

- Representatives from Nordic countries and the autonomous regions, as well as the Baltic countries

## Organisation of the group

- Chairmanships rotating 2022-2024 – Norway in 2022 followed by Iceland in 2023 and Sweden in 2024 (follows the chairmanship of the Nordic Council of Ministers)
- Working language is English
- The secretariate is Nordic Energy Research (NER)
- The NGCCUS is granted an annual financial contribution and can apply for additional funding for projects
- The group reports to the EK-E

# NGCCUS, 2022-2024

## *New mandate and work plan 2022-2024*

- Two annual meetings – spring and autumn
- Series of workshops, webinars and discussions
- Reference group for Baltic Carbon Forum
- Project and policy initiatives
- Enlarged networking on demand also with the Nordic Working Groups

## **What** does the group aim to do?

- promote information exchange and cooperation on CCUS policy development and decarbonization,
- stimulate creation and dissemination of new knowledge
- facilitate dialogue on CCUS related to EU/EEA processes
- facilitate dialogue on how Nordic, Baltic and EU strategies can play together and reinforce each other.
- prepare proposals for EK-E and assist the formal Nordic cooperation

## How do we do it?

- **Network collaboration:** Network of governmental representatives dealing with CCUS inviting and interacting with others to an expanded collaboration.
- **Meetings, Workshops and Seminars:** Creating arenas for exchange of information and discussions.
- **Knowledge creation and dissemination:** Pinpoints areas where new knowledge is needed, assure the financial means to create and disseminate new knowledge, e.g., with funding from the EK-E acting as a reference group.

# NGCCUS, 2021, 2022, 2023

## Webinars carried out in 2021

- Bio-CCS and incentives for negative CO<sub>2</sub> emissions
- Hydrogen, electro-fuels, CCU and CCS in a Nordic context – report

## Webinars planned for 2022-2023

- How to target negative CO<sub>2</sub> emissions, the EU ETS, BECCS and certification
- The implementation of the “Fit for 55” –package and its impact on CCUS
- Hydrogen and CCUS

# BALTIC CARBON FORUM (BCF)

NCM supports through NER the annual BCF arranged by BASRECCS in October 2022 hybrid Kaunas/zoom with NGCCUS as a reference group



BCF – Tallinn 2015



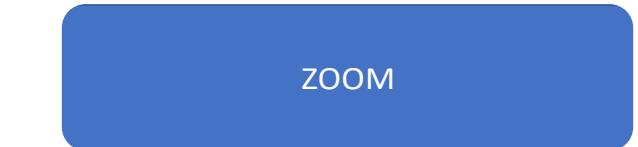
BCF – Tallinn 2018



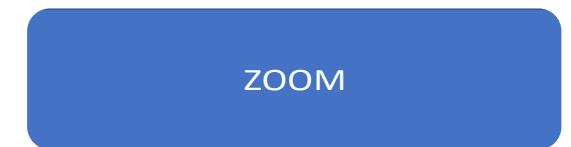
BCF – Warsaw  
2015



BCF – Tallinn 2019



BCF – Zoom 2020



BCF – Zoom 2021



BCF – Kaunas 2022

# NGCCUS, *List of participants*

**Denmark:** Henrik Sulsbrück, [hesu@ens.dk](mailto:hesu@ens.dk), Tina Schøn, [tnsn@ens.dk](mailto:tnsn@ens.dk),

Morten Skovgaard Olsen, [msdo@ens.dk](mailto:msdo@ens.dk)

**Estonia:** Kati-Liis Kensap, [kati-liis.kensap@envir.ee](mailto:kati-liis.kensap@envir.ee)

**Faroe Islands:** Meinhard Eliasen, [meinharde@us.fo](mailto:meinharde@us.fo)

**Finland:** Timo Ritonummi, [timo.ritonummi@gov.fi](mailto:timo.ritonummi@gov.fi), Hanne Siikavirta, [Hanne.Siikavirta@gov.fi](mailto:Hanne.Siikavirta@gov.fi)

**Greenland:** Rasmus Alex Wendt, [rawe@nanoq.gl](mailto:rawe@nanoq.gl), Trine Bro Kristensen, [trbk@nanoq.gl](mailto:trbk@nanoq.gl), Martin-Peter Brandt, [mapb@nanoq.gl](mailto:mapb@nanoq.gl)

**Iceland:** Helga Barðadóttir, [helga.bardadottir@uar.is](mailto:helga.bardadottir@uar.is)

**Latvia:** Edijs Šaicāns, [Edijs.Saicans@em.gov.lv](mailto:Edijs.Saicans@em.gov.lv)

**Lithuania:** Žilvinas Danys [zilvinas.danys@enmin.lt](mailto:zilvinas.danys@enmin.lt), Daumantas Kerežis, [Daumantas.Kerezis@enmin.lt](mailto:Daumantas.Kerezis@enmin.lt), Saulius Šimanauskas, [saulius.simanauskas@enmin.lt](mailto:saulius.simanauskas@enmin.lt)

**Norway:** Ane Gjengedal (chair), [Ane.Gjengedal@oed.dep.no](mailto:Ane.Gjengedal@oed.dep.no), Johannes Opsahl, [Johannes.Opsahl@kld.dep.no](mailto:Johannes.Opsahl@kld.dep.no), Natalie Winger, [Natalie.Winger@kld.dep.no](mailto:Natalie.Winger@kld.dep.no)

**Sweden:** Johanna Janson, [johanna.janson@regeringskansliet.se](mailto:johanna.janson@regeringskansliet.se), Jennica Broman, [jennica.broman@regeringskansliet.se](mailto:jennica.broman@regeringskansliet.se)

**Åland Islands:** Stefan Fransman, [stefan.fransman@regeringen.ax](mailto:stefan.fransman@regeringen.ax)

# NGCCUS, Contacts

**Websites:** [Networking group on CCUS – Nordic Energy Research](#)

[Networking group on CCUS | Nordic cooperation \(norden.org\)](#)

**Lisbeth Nielsen**, [lisnie@norden.org](mailto:lisnie@norden.org), NCM Secretariat

**Elvar Knútur Valsson**, [elvknu@norden.org](mailto:elvknu@norden.org), NCM Secretariat

**Klaus Skytte**, [klaus.skytte@nordicenergy.org](mailto:klaus.skytte@nordicenergy.org), NER

**Anders Geertsen**, [Anders.Geertsen@nordicenergy.org](mailto:Anders.Geertsen@nordicenergy.org), NER

**Peter Molander**, [peter.molander@projectum.fi](mailto:peter.molander@projectum.fi), NER



# Thank you for your attention!

---

Ane Gjengedal

[ane.gjengedal@oed.dep.no](mailto:ane.gjengedal@oed.dep.no)