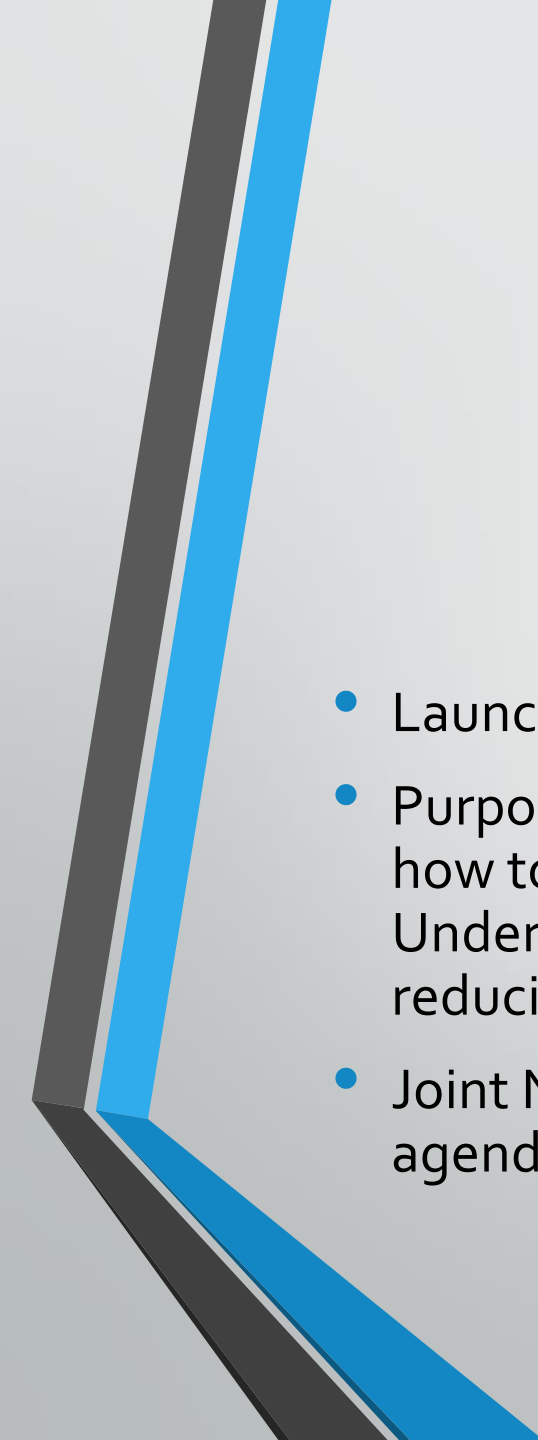




# Nordic Marine Think Tank

Carl-Christian Schmidt, Vice-chair



# Nordic Climate Change Forum for Fisheries and Aquaculture

- Launched in 2021
- Purpose is to have a Nordic platform for the discussion and exchange of ideas of how to « understand » climate change in the fisheries and aquaculture sectors. Understanding climate change effects on the two sectors and explore ways of reducing the sector's climate change impacts
- Joint NMTT-ICES Launch meeting December 2021 with a broad explorative agenda, taking a value chain approach

# Key messages

- Key drivers: severity of storms and waves, sea temperature changes, rainfall, sea level rise and ocean acidification
- Aquaculture vs. Capture fisheries
- Continue conversation among stakeholders across the value chain to build up a knowledge system
- Ensure that fisheries and aquaculture policy frameworks incorporate climate change considerations
- Review governance structures to ensure that decisions etc. take climate change considerations into account

# Key messages

- Reduce food waste and fossil fuel use throughout the value chain – from fishing to table
- Gear and vessel innovations to reduce CO<sub>2</sub> emissions
- Common Protocol and standards needed for measuring CO<sub>2</sub>
- More research needed, including in economics to better understand trade-offs in climate change decisions
- Competition for use of ocean space

# What next: Climate Change Forum II

- Where: Vestlandshuset, Bergen, 22 November 2023
- What: Focus on competing uses of ocean space (fisheries, aquaculture, windmill parks etc.)
- Why: Increasingly, ocean space is taken over by green energy producers i.e., wind and waves, creating conflictual situations with other ocean user groups