

Symposium on Marine Carbon Sequestration

16 December 2021 – Ostend Science Park, Belgium

Program

- 9:15 Welcome. [Ann Vanreusel](#), Director EMBRC-BE
- 9:30 Opening keynote
 - Ocean-based climate action with a focus on negative emissions measures. [Jean-Pierre Gattuso](#), CNRS Sorbonne University and Iddri
- 10:15 Open ocean carbon: natural processes
 - The open ocean biological carbon pump. [Griet Neukermans](#), Ghent University
- 10:30 Break*
- 11:00 Open ocean carbon: marine geoengineering
 - Ocean fertilisation. [Christine Klaas](#), Alfred Wegener Institut
 - Ocean alkalisation. [Filip Meysman](#), Antwerp University
- 11:30 Marine bioenergy with carbon capture and storage
 - Seaweed cultivation. [Olivier De Clerck](#), Ghent University
 - Shellfish aquaculture. [Edwin Foekema](#), Wageningen University & Research
- 12:00 Restoration and conservation of natural ecosystems
 - Restoring and increasing coastal vegetation. [Patrick Meire](#), Antwerp University
 - Conserving seabed carbon sequestration. [Ulrike Braeckman](#), Ghent University
 - Demersal fisheries and seabed carbon sequestration. [Hans Polet](#), Flanders Research Institute for Agriculture, Fisheries and Food
- 12:40 Lunch*
- 13:50 Welcome afternoon session. [Zakia Khattabi](#), Minister of Climate & Vincent Van Quickenborne, Minister of North Sea
- 14:00 The policy of ocean-based climate mitigation. [Steven Dauwe](#), Flanders Marine Institute
- 14:10 The businesscase of marine carbon capture and the effects of the measurement method (on the businesscase). [Stephan Bostoën](#), Pebblewave
- 14:30 Assessing the potential for ocean-based climate action by Belgian parties. Panel discussion, Moderators: [Greet Riebbels](#) & [Kelle Moreau](#)
- 15:15 Break*
- 15:45 Challenges for marine carbon sequestration and applications. [Jack Middelburg](#), Utrecht University and ICES working group on ocean negative carbon emissions
- 16:00 Closing