

Climate and the Oceans
Impacts and Mitigation Challenges for Fishing and Shipping
5th November 2008, Brussels, Belgium
Conference Programme

8.30: Coffee

9.00: Welcome

Dr. Monica Verbeek (Executive Director, Seas At Risk)

9.10: *Setting the scene: the scale of the problem and reduction targets*

Katherine Watts (Climate Action Network – Europe)

9.30: Questions and comments

The impacts of climate change on the marine environment

9.45: *Oceanic climate change: The physical basis*

Prof. Jürgen Willebrand (IPCC / IFM-GEOMAR, University of Kiel)

10.05: *The role of ocean circulation in the global climate system*

Prof. Anna von der Heydt (Institute for Marine and Atmospheric research, Univ. of Utrecht)

10.25: Questions and comments

10.40: Coffee break

11.10: *Ocean acidification: effects on ecosystems*

Dr. Jason Hall-Spencer (School Of Biological Sciences, University of Plymouth)

11.30: *Impacts of climate change on fisheries*

Dr. Keith Brander (ICES/GLOBEC Coordinator, Danish Inst. of Aquatic Resources)

11.50: *Climate change and recreational water use*

Prof. Jan Semenza (European Centre for Disease Prevention and Control – ECDC)

12.10: Questions and comments

12.30: Lunch

Maritime sector CO2 emissions and mitigation possibilities

Shipping and CO2 emissions

Chaired by Bill Hemmings (European Federation for Transport & Environment, Brussels).

13:30 *Scale and nature of emissions from shipping*

Dr. Øyvind Buhaug (Coordinator of the IMO GHG Study Review Group, Marintek)

13:50 *UNFCCC & IMO developments and the response of the EU*

Mark Major (European Commission, DG Environment)

14:10 *Technical and operational options for ship CO2 mitigation*

David Tongue (Marine Manager, International Chamber of Shipping)

14:30 *The role of renewables in ship CO2 mitigation*

Colin Whybrow (Greenwave)

14:50 *Market mechanisms to tackle CO2 emissions from shipping*

Jasper Faber (CE Delft)

15:10 Questions and comments

15.30: Coffee Break

Fisheries and CO2 emissions

Chaired by Dr. Keith Brander (ICES/GLOBEC Coordinator, Danish Inst. of Aquatic Resources)

16.00: *Scale and nature of emissions from fisheries*

Prof. Harald Ellingsen (Norwegian University of Science and Technology - NTNU)

16.20: *The role of subsidies for fisheries*

Luc van Hoof (IMARES)

16.40: *The use of CFP instruments to tackle climate change*

Erik Lindebo (European Commission - DG Mare)

17.00: *Experience with switching to climate friendly, low impact fishing techniques*

Rems Cramer (Fisherman, The Netherlands)

17.20: Questions and comments

Conclusions

17.40: Dr. Monica Verbeek (Executive Director, Seas At Risk)

18.00: Conference ends