



# Developments with London and OSPAR Conventions

*Tim Dixon*

*IEA GHG R&D Programme*

*IEA CCS Regulators Network Meeting 20 Jan 2010*

# London Convention and Protocol



- Marine Treaty - Global agreement regulating disposal of wastes and other matter at sea
- Convention 1972 (86 countries)
- Protocol 1996 – ratified March 2006 (37 countries as of Jan 2010)
- Prohibited some CCS project configurations
- Assessed by LC Scientific Group
- 2006 - Risk Assessment Framework for CO<sub>2</sub>
- To allow prohibited CCS configurations – **Protocol amendment adopted at 28th Consultative Meeting (LP1), 2 Nov 2006** - came into force 10 Feb 2007 to allow disposal in geological formations
- CO<sub>2</sub> Specific Guidelines

# Unresolved issue – Transboundary transport



## London Protocol Article 6

*“EXPORT OF WASTES OR OTHER MATTER*

*Contracting Parties shall not allow the export of wastes or other matter to other countries for dumping or incineration at sea.”*

- **Prohibits transboundary transport of CO<sub>2</sub> for geological storage**
- Working Group (Feb 08, Germany) – covering transport and subsurface migration - Agreed amendment Article 6 necessary – drafted.
- Annual meeting Oct08 considered further. Some against, some for. Agreed plenary statement to give a political message that *“LP should not create barrier to transboundary transport of CO<sub>2</sub> for CCS”*.
- Further Working Group in 2009 to take forward legal questions
- Amendment proposed by Norway Apr 09 for consideration at annual Consultative meeting in Oct 09

# CO<sub>2</sub> Transboundary Amendment to LP

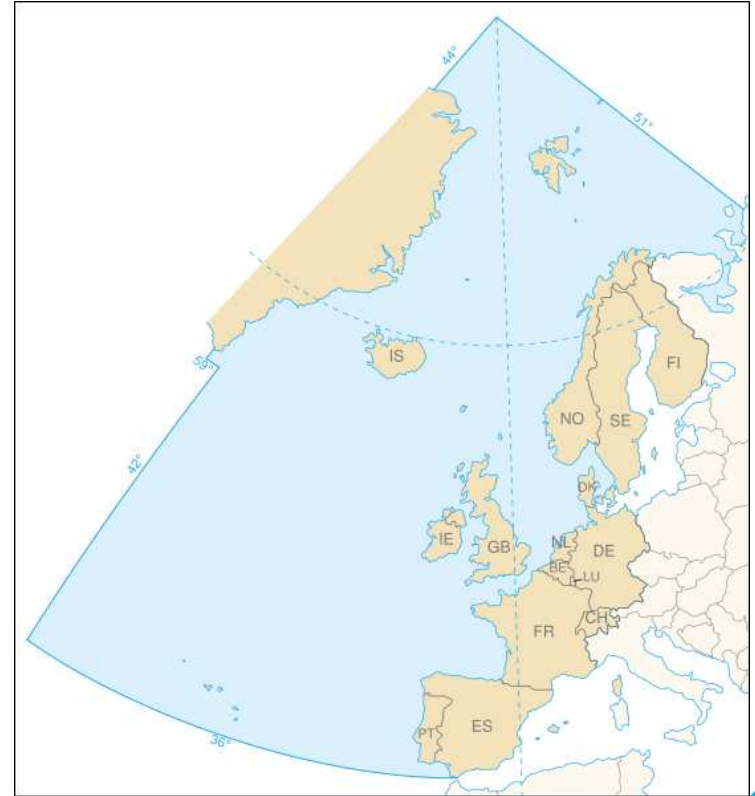


- LP3 30 Oct 2009 - Amendment was adopted by vote. 15-for, 1-no, 6-abst. Needed 2/3 majority voting (22 present). 2 against.
- Article 6 , new para 2. ***'Export of CO<sub>2</sub> for disposal in accordance with Annex 1 may occur, provided an agreement or arrangement has been entered into by countries concerned'***
- ***Agreement shall include : permitting responsibilities; for export to non-LP Parties provisions equivalent to LP's for issuing permits.***
- Working Group decided transboundary migration in geological formation is not export
- Request to Scientific Group to re-examine CO<sub>2</sub> Specific Guidelines wrt to transboundary migration
- To come into force needs ratification by two thirds all Parties (>25)

# OSPAR



- Marine Convention for NE Atlantic, 1992
- 15 nations and EC
- Prohibited some CCS configurations
- Considered CCS and CO<sub>2</sub> impacts on seas
- To allow prohibited CCS configurations:
- **Amendments** (to Annexes II and III) for CO<sub>2</sub> storage adopted June 2007
- **Needs ratification by 7 Parties**
- **1 in, EC pending, EU MS Sep 2010?**
- OSPAR Decision – requirement to use Guidelines when permitting, including risk assessment and management process
- OSPAR Guidelines for Risk Assessment and Management of Storage of CO<sub>2</sub> in Geological Formations – includes the Framework for Risk Assessment and Management (FRAM)





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