Program

10:00	The sensitivity of marine benthic ecosystems to ocean acidification	M. Kendall Plymouth Marine Laboratory, UK
10:30	**Coffee break**	
11:00	Characteristics of the captured CO_2 gas stream	S. Eriksson Vattenfall, Sweden
11:30	**Discussion**	
Complying with regulations		
12:00	The RWE Dea CO_2 storage project	S. Vennekate RWE Dea AG, Germany
12:30	Experience with regulation in Norway	Ø. Christophersen Norwegian Pollution Control Authority, Norway
13:00	**Lunch**	
14:30	Marine CO_2 leakage monitoring	K. O´Carroll BERR, UK
15:00	**Discussion**	
16:00	**Coffee break**	
Other options		
16:30	Is storage at larger depths, for example deep sea sediments, a safe and realistic option?	M. Haeckel IFM-Geomar, Germany
17:00	**Discussion**	
17:30	**Conclusions and „Good bye“**	

Registration & Contacts

For registration please contact Dagmar Larws and use the attached registration form. Deadline for registration is 10 May 2008. Please note that the number of participants is limited. Notification of acceptance will be given together with useful information on hotel booking, travelling directions etc. by 15 May 2008 at the latest.

Dagmar Larws

Federal Environment Agency
Section II 2.3 „Protection of the Marine Environment“
Wörlitzer Platz 1
06844 Dessau-Roßlau

Mail: dagmar.larws@uba.de
Phone: ++49-340-2103-2152
Fax: ++49-340-2104-2152

Umwelt Bundes Amt
Für Mensch und Umwelt

Workshop on Sub-Seabed Carbon Dioxide Storage

16 and 17 June 2008

Bundespresseamt (BPA)
(Federal Press Office)
Reichstagufer 14
10117 Berlin

How to store CO_2 safely for the marine environment - from planning to eternity?

CCS (Carbon Capture and Storage) is currently being discussed at international and national levels as a prominent climate change mitigation instrument. Besides onshore sequestration, sub-seabed geological formations, such as exploited oil and gas fields or saline aquifers, are being considered as potential reservoirs for the storage of CO_2.

Many technological, economic, ecological and socio-economic aspects in the context of CCS still remain unresolved.

In order to facilitate the exchange of experiences between experts involved in the protection of the marine environment, the German Federal Environment Agency invites you to an international workshop on sub-seabed storage of captured CO_2 and the protection of the marine environment. The workshop will deal with both the legal and scientific aspects of the storage of CO_2 in sub-seabed geological formations. Focus will be on necessary requirements of offshore CCS measures to protect the marine environment and to effectively avoid intensifying climate change.

Scientifically and technically, the workshop will focus on developing quality standards for the marine environment and monitoring concepts, discussing what are acceptable levels of leakages, and the impacts of added or mobilized substances. From a legal perspective, we want to discuss recent developments in international law, to compare the various regional and national approaches and to debate the role of liability law and the emission trade regime to set appropriate incentives to minimize leakages and avoid environmental risks.

Program

Monday, 16 June 2008

		Speaker
8:00	Registration	
9:00	Welcome speech	T. Holzmann Federal Environment Agency, Germany
Legal aspects		
International Developments		
9:15	Developments of international law on the protection of the marine environment	P.-T. Stoll University Göttingen, Germany
9:45	**Discussion**	
Law comparison - regional and national approaches		
10:00	EU– draft directive on the storage of CO_2	S. Mißling University Göttingen, Germany
10:30	**Coffee break**	
11:00	The U.S. Regulatory Scheme for CCS	M. Nigoff Environmental Protection Agency, USA
11:30	Overview of regulatory framework on offshore CCS in Japan	S. Suzuki JANUS, Japan
12:00	Discussion: comparison of the different approaches with regard to the protection of the climate and the marine environment	
12:45	**Lunch break**	

Program

Responsibility and liability – incentives to prevent environmental risks		
14:15	CO_2 storage - questions of liability and responsibility	P.-T. Stoll University Göttingen, Germany
14:45	Monitoring of CCS through ETS or CCS Directive?	V. Swinkels DHV Energy, The Netherlands
15:15	**Discussion**	
15:30	**Coffee break**	
CCS measures as JI or CDM - CCS in the dimension as development measure		
15:45	A view from California: the role of marine sequestration in offset programs	C. Payne University of California, Berkley, USA
16:15	**Final discussion and conclusion**	
17:30	**Guided city walk**	
20:15	**Dinner**	

Tuesday, 17 June 2008

Scientific and technical aspects		
Describing the risks		
09:00	What to expect: temporal and spatial scales	G. von Goerne Greenpeace, Germany
9:30	Maximum acceptable leakage to abate long-term global warming and to protect marine life	K. Wallmann IFM-Geomar, Germany