

Global Technology Roadmap for CCS in Industry

Policy Workshop – Agenda

7th and 8th April 2011

Rio de Janeiro, Brazil

Petrobras Research Centre, CENPES

(Centro de Pesquisa e Desenvolvimento Leopoldo A Miguez de Mello)



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION

Thursday April 7
Global Technology Roadmap for CCS in industry

Time	Title	Moderator/Speaker
9:00 – 9:15	Registration	
9:15 – 9:25	Welcome address UNIDO	Mr Pradeep Monga (UNIDO)
9:25 – 9:35	Welcome address Petrobras	Mrs Beatriz Nassur Espinosa (Energy Efficiency and Air Emissions General Manager - HSE Department (Petrobras))
9:35 – 9:45	Welcome addresses sponsors	Mr Kristoffer Stabrun (Ministry of Petroleum, Norway) Ms Jessica Morton (Global CCS Institute)
9:45 – 10:00	Introduction to the Roadmap project	Ms Bettina Schreck (UNIDO)
10:00 – 10:30	Introduction modelling results IEA	Mr Nathalie Trudeau (IEA)
10:30 – 11:00	Discussion	
11:00 – 11:20	Break	
11:20 – 11:40	Preliminary outcomes of the Roadmap	Ms Heleen de Coninck (Energy Centre of the Netherlands)
11:40 – 12:00	Sector focus: emissions sources and reservoirs matching	Mr Yann Le-Gallo (Geogreen)
12:00 – 12:20	Sector focus: Enhanced Oil Recovery	Mr Michael Godec (Advanced Resources Int)
12:20 – 12:40	Discussion	
12:40 – 14:00	Lunch	
14:00 – 15:30	Groups focussing on specific assignments 1. Needs for capacity development and international cooperation 2. Identification of light house projects 3. Business model actions and milestones 4. Policy and financial actions and milestones 5. EOR actions and milestones	Small groups to allow for open discussion and targeted outcomes
15:30 – 16:00	Break	
16:00 – 17:00	Feedback and discussion	Sepakers and Rapporteurs from group session to provide feedback on the group findings

Friday April 8
Focus on Brazil and Latin America

Time	Title	Moderator/Speaker
9:00 – 9:30	Additional registration	
9:30 – 9:50	Welcome	Mr Luis Fernando Mendonça Frutuoso (Petrobras Research Center R&D Energy, Gas and Sustainable Development General Manager)
9:50 – 10:10	An overview of the Brazilian centre for excellence in the R&D of CO ₂ geological storage technologies (CEPAC's) activities	Ms Claudia Machado (Pontifical Catholic University of Rio Grande do Sul (PUCRS) (invited)
10:10 – 10:30	Brazil's government position on CCS	Jose Domingos Miguez (Ministry of Science and Technology, Brazil)
10:30 – 10:45	Q&A, discussion	
10:45 – 11:15	Break	
11:15 – 12:30	Discussion on specific barriers to CCS in industry in Brazil and Latin America	Panel of speakers <ul style="list-style-type: none"> • Mr Leonardo Beltran (Energy Secretariat, SENER, Mexico) • Ms Cristina Giusti Energy Secretariat, SENER, Argentina) • Mr Jose Domingos Miguez (Ministry of Science and Technology, Brazil) Chair Ms Nathalie Trudeau (IEA)
12:30 – 14:00	Lunch	
14:00 – 14:30	Practical examples of CCS on industrial sources in Petrobras	Mr Paulo Negrais (Petrobras)
14:30 – 15:00	Renewable CCS from Sugar Fermentation project – GEF financing	Mr Jose Roberto Moreira , Brazilian Reference Center on Biomass (CENBIO), University of Sao Paulo
15:00-15:15	Q&A, discussion	
15:15 – 15:30	Break	
15:30 – 16:30	Discussion on Latin American applicability of Roadmap	Panel of speakers <ul style="list-style-type: none"> • Mr Rodolfo Lacy (Mario Molina centre for strategic studies on energy and environment, México) • Mr Francisco Almendra (World Resources Institute) Chair Ms Heleen de Coninck (ECN)
16:30 – 17:00	Wrap-up Flash, three-minute presentations on results of the day in terms of main gaps and barriers, possible pilot projects and demonstrations and specific Latin American issues	Mr Leonardo Beltran (Energy Secretariat, SENER, Mexico) Ms Claudia Machado (Pontifical Catholic University of Rio Grande do Sul (PUCRS) Mr Jose Domingos Miguez (Ministry of Science and Technology, Brazil)