

Executive Summary

On 12 and 13 June 2001, the Joint Industry Project to investigate Carbon Dioxide Capture technology hosted a workshop with interested parties from Europe. The stated objective of this workshop was:

- To enable stakeholders to consider the issues, options and possibilities around carbon capture
- To initiate a dialogue with stakeholders that can continue as the project continues

Thirty-three participants from across Europe attended this workshop. There were representatives from Government Bodies (4), Non-Government Organisations (8), Academic and Research Institutions (5), and Industry or Business representatives (16).

To enable a productive workshop to take place the Joint Industry Project committee decided to have independent facilitators to run the workshop. Pippa Hyam and Rebecca Gwynn-Jones, both independent facilitators working on behalf of The Environment Council, facilitated the workshop. Rachel Lewis of BP also facilitated one of the small groups.

One of the purposes of the workshop was to share information about the project to European interested parties, thus Gardiner Hill gave an overview of the project. Subsequent to this overview, participants worked in small groups to identify issues about which they wanted more information with regard to the CO₂ capture project. A range of issues was identified, these were roughly divided into six groups, namely: Issues concerning CO₂ capture project specifically, Socio-political perspectives, Technical issues, Health Safety and Environment Risks and Monitoring, Legal and Regulatory, and Economics.

Sector perspective presentations were delivered by: Else Hafstad of Statoil, Arnulf Gruebler of International Institute for Applied Systems Analysis and Rob Bradley, Climate Network Europe (CNE). After the presentations, there was a brief question and answer session.

Helen Kerr gave a more detailed presentation describing the areas of work of the project. There were a number of questions in response to this presentation. Some of the questions surrounded the economics of the project such as: Life Cycle Analysis, high cost of equipment, where will the profits go and environment versus economic assessments.

Three sessions focusing on CO₂ Capture, CO₂ Storage and Monitoring and Verification revealed the following key questions and issues that need to be addressed by the CO₂ Capture Project: (*Taken from Dennis Hunt's Web Summary*)

1. Some see project as diversion from renewables, others see project as part of a multifaceted approach.
2. There's been a paradigm shift: moving from a view that there's an energy shortage to view that we can only use 1-2% of what is available.
3. NGOs develop positions for specific international conventions; because CCP is not yet a convention, NGOs don't have positions.
4. Need to understand effect on a hydrogen economy.
5. Need information on distribution (i.e., siting, transport).
6. Need to consider extra benefits (energy market) beyond just project-specific benefits.
7. Need to determine who looks at full scientific assessment of project.
8. Need to know how non-industry will have input to the process (CCP and beyond)

The final session focused on the following issues identified by the participants:

- Distribution, Transport and Logistics – What and How
- Technical HSE and Risks – What Else and How
- Further Involvement in the Project (Data, Workshops, Peer Review, Other)
- CCP Feedback and the Way Forward

Participants were requested to complete an evaluation form prior to departing, a representative sample of their comments is listed below:

“Very good facilitation.”

“The discussion and information exchange was very valuable to everyone.”

“We need to step back from the project and consider public and environmental acceptability.”

“Very useful feedback from a wide variety of stakeholders.”

“A non-industry perspective would be useful as well.”

“The issues identified this time should be seriously addressed in the next workshop.”

“A huge amount of technical detail, but well-positioned for the audience.”

“The excellent presentations and conversations have given me great insight.”

“A good exchange of information and perspectives.”

“It would be useful to know how the (CO2 Capture) Project addresses the non-technical (policy implications) of the issue.”