



Task Force to Assess Progress on Advancing Technical Issues for CCS

CSLF Meeting, Warsaw, Poland

Clinton Foster

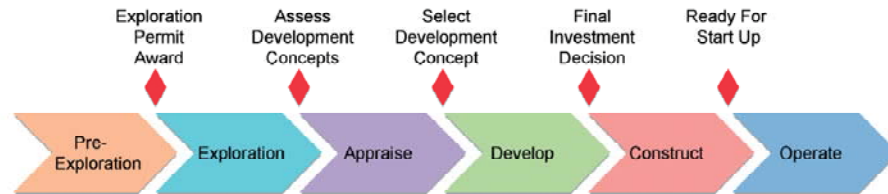
Taskforce Chair, Australia

Agenda Item 11

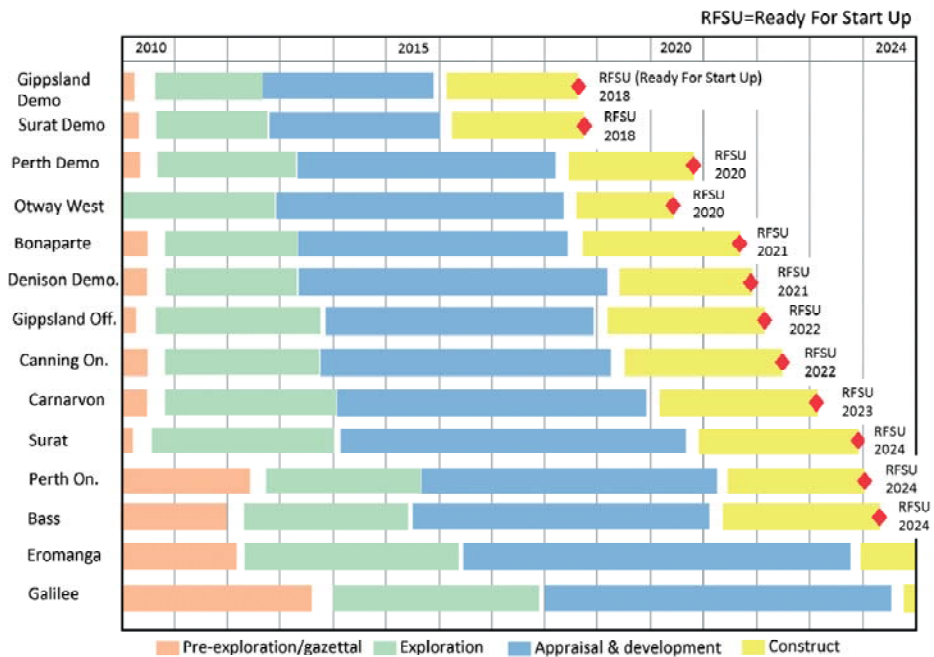
TAB 19



Closing the Gaps: Rationale



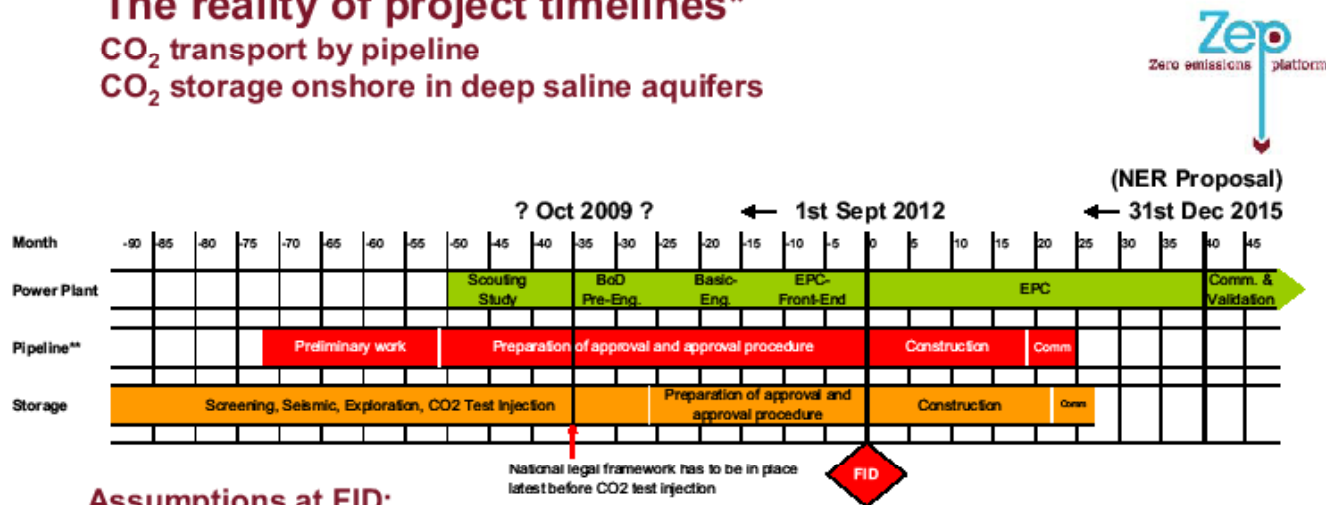
- Pre-Exploration:**
 - Evaluate storage potential of basin
 - Gather data if needed
 - Assess potential resource conflicts
 - Release acreage for exploration
- Exploration:**
 - Evaluate storage potential of basin
 - Gather data if needed
 - Assess potential resource conflicts
 - Release acreage for exploration
- Appraise:**
 - Assess Development Concepts
 - Appraisal drilling, seismic & studies to reduce uncertainty & mitigate risks
- Develop:**
 - Select development concept
 - Field development planning
 - Basis of Design
 - Front End Engineering Design
- Construct:**
 - Construct storage facilities
 - Drill injection wells
- Operate:**
 - Operate storage facilities





Closing the Gaps: Rationale

The reality of project timelines*
CO₂ transport by pipeline
CO₂ storage onshore in deep saline aquifers



Assumptions at FID:

- Permits for power plant, pipeline and storage site have been granted
- Funding scheme secured 2 months before decision – at the latest
- No major investments have been made

Before FID: Timeline is determined by **pipeline and storage**
After FID: Timeline is determined by **power plant (capture)**

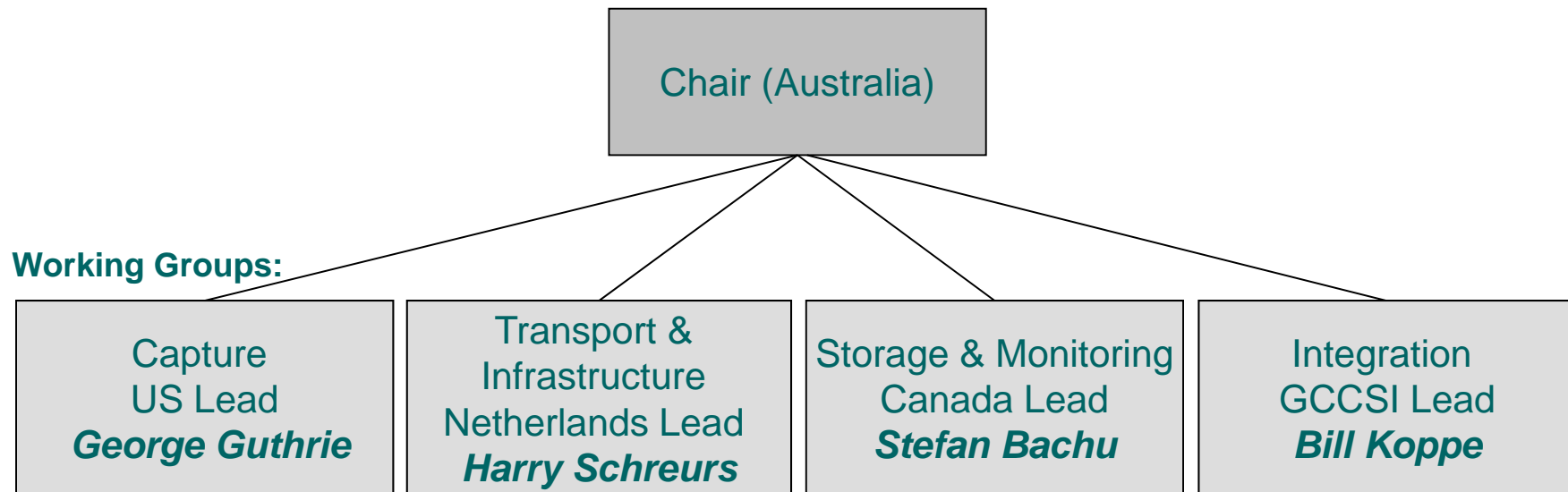
Time is running out if demo projects to be operational by 2015 – as mandated by EU Heads of State

* given time scales may vary depending on project-specific conditions
** preparation of approval can only start if storage site has been located



Formation of Taskforce

- Taskforce: Assessing the progress of closing the gaps, approved by Technical Group, March, 2010, in Pau, France





Goal of Taskforce

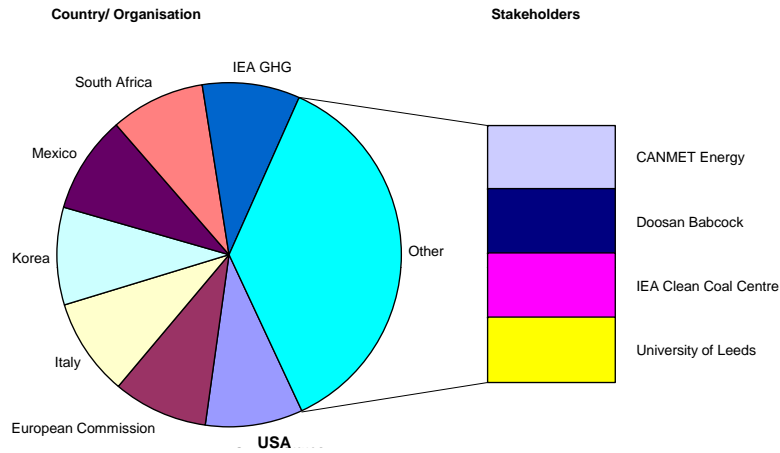
To:

- measure the progress of technical requirements to achieve 20 commercial CCS projects by 2020 (G8 goal)
- complement PIRT: assess level of CCS readiness of CSLF projects
- develop a focussed CSLF community of users, by assessing existing CSLF projects against the respective gaps considered by the Working Group (WG)
- maximise the learnings and access to information from the CSLF projects to assist the CSLF community in reaching the 2020 goal

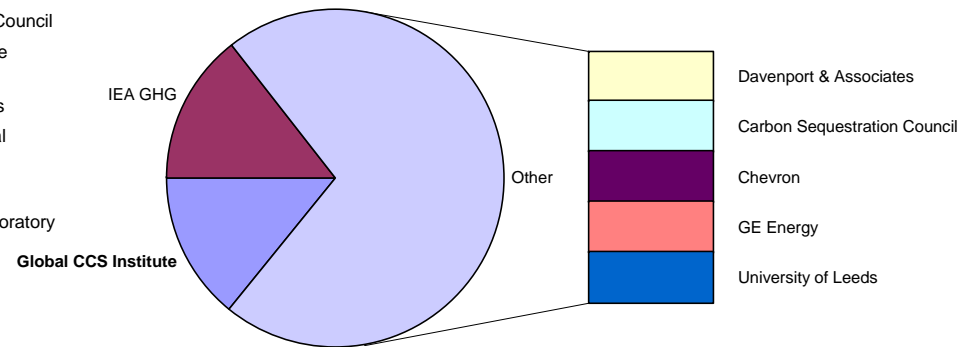
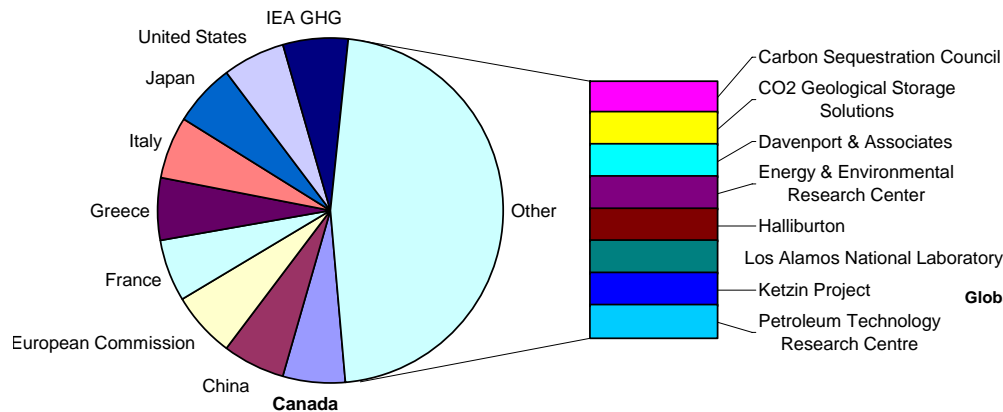
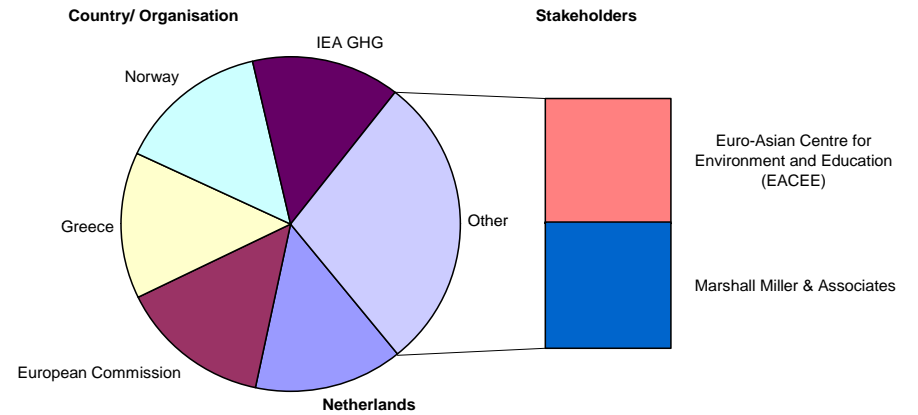


Taskforce and Working Group Members

CAPTURE



TRANSPORT AND INFRASTRUCTURE



STORAGE AND MONITORING

*CSLF Meeting, Warsaw, Poland
6-8 October 2010*

INTEGRATION