

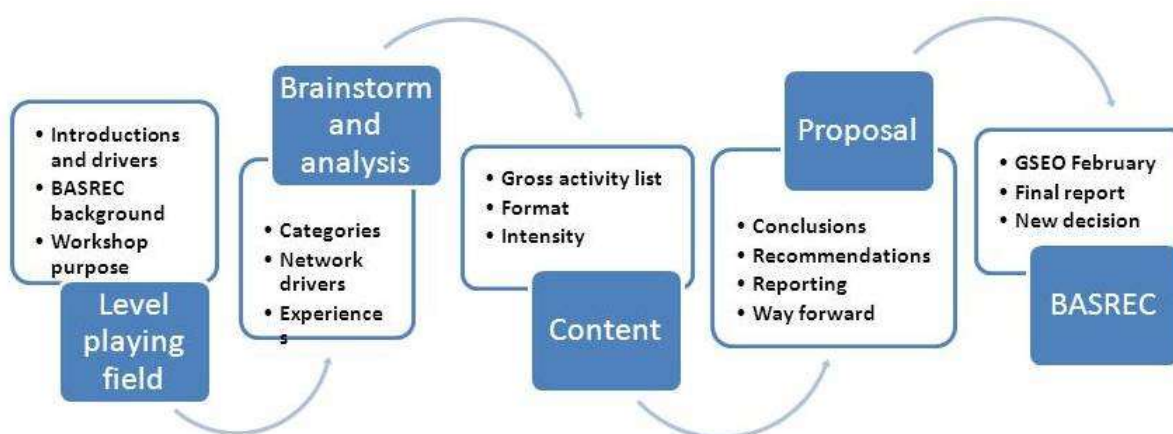
BASREC CCS INITIATIVE



Annex 3

Report from the Consultative Workshop

The project invited to a consultative workshop, 3-4th February 2014, the key purpose of which was to discuss network objectives, content and design. To situate the workshop in a context, it should be seen as an advisory or consultative activity within the "CCS 3A" project phase. The workshop was conducted along the following logic, allowing participants ample space to both generate and challenge ideas on the key topics with the aim of landing some key conclusions in support of framing the project proposal to BASREC GSEO, February 2014.



The eight workshop participants, contact details on page five, represented five BASREC countries plus the Australian Global CCS Institute, with affiliations like government agency, academy, research and industry.

Workshop documentation

The workshop took its starting point in the following draft network objectives:

- The network should support the development, deployment and implementation of CCS
- Network members should benefit from synergies and enhanced cooperation
- Network activities should be focused on technical and societal development of CCS within the framework of current policies and legislation
- Network activities and cooperation should aim to inform policy makers in the region
- The network should disseminate scientifically sound and objective information on CCS technology

1 Purpose, Objectives and Deliverables - Output

To stimulate network membership and participation, a compelling enough network objective must be formulated. It has to be challenging, yet realistic and should be the glue holding the network together. An attempt to formulate this could be: *Enabling a strategic trans-national approach to transport and storage infrastructure, with a view to (ultimately) developing a demonstration plant in the region.* A prerequisite and a complementary objective could then be: *Enhance acceptability of CCS among concerned stakeholders in Baltic Sea countries.*

From this a number of potential, longer term deliverables could develop, like

- stakeholder group discussions to enhance the understanding of views, arguments and concerns with regard to deployment of CO₂ transport and storage in the Baltic Sea region
- geological carbon dioxide storage atlas
- regional infrastructure system design
- assessment of the region's potential for EOR/EGR (Enhanced Oil/Gas Recovery)
- ranked short list of regional prospects for early mover, large scale projects
- comparison of regional regulatory frameworks for CCS implementation

2 Network Experiences - Input

Participants' prior network experiences, summarized in "What works" and "What does not work":

| <i>General comments</i> | <i>What works</i> | <i>What does not work</i> |
|---|---|---|
| Benefits of membership > Costs | Clear <ul style="list-style-type: none"> - Objectives - Meaning - Targets - Methods Embraced by members | Mixing network members having conflicting interests |
| Network should be an authority in its field | Secured financing | Poor network design |
| Build on earlier network experiences | Focus on problem solving | Poor network management |
| Key benefit is avoiding research overlap – apply "build on" principle | Scoping targeted projects, with given frames, deadlines and funding | Non committing bye-laws |
| Unique selling point (USP) | Face-to-face meetings | Non-binding membership criteria |
| Make the network visible to outside audience | Use publicly available information for sharing | Confidential information for sharing |
| Digital networking tools | Address non CCS practitioners | Unclear purpose |
| <i>"Participants make the network!"</i> | | |

3 Network member categories – who are the network beneficiaries? - Output

The following identifiable categories of potential network members should be addressed:

- Academy
- Legal authorities/Government agencies
- Industry
- General public/Individuals
- Students
- NGO's
- Media
- Research institutes
- Think-tanks
- Consultancies

4 Prime Drivers for active network participation - Output

The interest for individuals or organizations to allocate time, money and other resource for active network participation is directly related to the perceived benefits for the individual or organization. The network cannot be built on idealistic or in-kind contributions, so it must address issues which bring direct value back to its members. The workshop was set up to identify factors (drivers), which could motivate members to active contribution to the network.

The following drivers were captured, without yet attributing them to specific categories of members:

- Contribute to something common good
- Participate in new, international research projects
- Participate in industrial scale projects including EOR and EGR
- Enhance own knowledge
- Participate in early CCS deployment projects
- Infrastructure project development
- Financial benefits
- Career opportunities

5 Prime network activities – Output

- For mid 2014 should be organized an Network opening session to
 - o align participants around a compelling Purpose and Objectives
 - o identify challenges and opportunities for CCS in the BASREC region
 - o establish work streams for 2014-2015 and possibly beyond

Establishing an attractive (enough) web-site for distribution of current information

Workshops/Webinars on topic level to advance the respective work streams

Newsletters, on an as-need basis only; Complemented by an active web-site

Educational activities, to support knowledge transfer in the region and to attract growing competence

Public seminar – open conference for network members to present own development and projects

Work stream topics could be found among the following or elsewhere:

- Baltic Sea Geological Storage Potential (towards a BASREC storage atlas)
- Transport infrastructure deployment
- Framework Conditions for CCS
- New business opportunities in Shipping CO2
- Public Perception of CCS
- Discuss CCS as a tool
- Common, regional CCS deployment strategies

6 Workshop conclusions

The workshop stressed the need for a clear purpose and compelling yet realistic objectives, to stimulate active contribution to the network. Joining individuals and organizations must embrace the network's objectives.


The network must deliver benefits to its members, which motivate the allocation of time and costs for participation. These could be defined in short or longer term time perspectives but must to some extent satisfy the individual's or organization's own interests in the field of CCS.

A range of possible network members was identified, with different and sometimes conflicting interests. The objective must be formulated so that it becomes good enough glue to capture people's commitment.

The workshop provided support for a draft activity calendar for the first year of activity.

Finally, the overall conclusion is that the initiative carries significant interest but that alignment around purpose and objectives is one key to success. With a clear network charter, sufficient funding should be justifiable.

Participants

| | Name | Affiliation |
|---|--|---|
| |  | |
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