

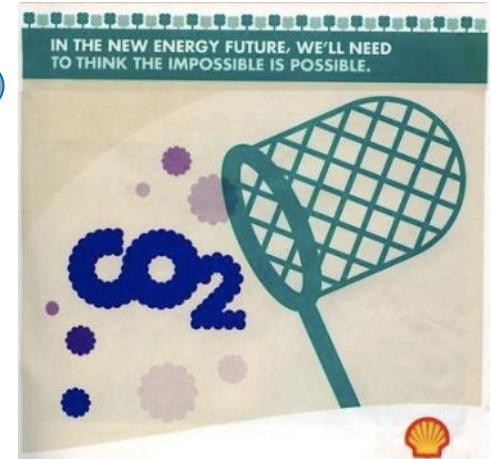


Characterisation of European CO₂ storage

Public engagement activities to inform development of a storage permit

Suzanne Brunsting (ECN)

Setting the scene of CO₂ storage



“Unfortunately, a discussion about the facts is insufficient”



CCS?



Area?
CCS?





Enhancing cooperation on CCS projects

Format for informing cooperation

Social Site Characterisation:

A 'social map' of local opinion shapers

Format for enhancing cooperation

Focus Conferences:

Building mutual trust and informed opinions



Informing cooperation on CCS projects

Social Site Characterisation:

A 'social map' of local opinion shapers

- Context: Issues affecting local well-being
- Awareness of local CCS
- Expectations of local CCS

Social Site Characterization

Differences mainly explained by:

- Knowledge of consequences of CCS → type of perceptions
- Proximity to the site → weight of perceptions

Context:

Unemployment
Offshore operations
Tourism & nature +

Awareness of CCS:
53% never heard of it

Expectations of CCS:
Economy >
Environment

Will bring jobs



Context:

Unemployment
Lack of infrastructure
Tourism & nature +/-

Awareness of CCS:
78% never heard of it

Expectations of CCS:
Environment >
Economy

Good or bad for environment?

Risk of leakage?

Misconceptions:

Reduce toxic waste
Reduce smog



Enhancing cooperation on CCS projects

Focus Conferences:

Building trust and developing informed opinions

- Intensive! 2 weekends, 16 participants
- Information and experience
- Discussion and opinion exchange
- Representatives of all key perspectives on CO₂ storage: government, industry, NGO
- No need to reach agreement
- Position paper: Conditions for local acceptability

Focus Conferences

Scotland:

“We believe it important that an exit strategy should be developed (...) to address how to scale down and then ultimately exit the CCS industry completely at a later point in the future.”



Scottish Vote (11 participants):

5 ccs and other measures

3 undecided

2 no ccs

1 abstained



Polish Vote (16 participants):

11 too many uncertainties about ccs

5 no ccs here



Poland:

“The majority of the group thinks that there are too many uncertainties to clearly opt for carbon capture and storage technology (CCS)”

Remaining issues and challenges

- Ethical challenges to experimental 'one-off' interventions
 - Expectations management
 - Duration of effects
 - Further use for the position papers?
- Hypothetical research project vs real commercial project
 - Raising local interest in getting involved
 - Building trust when something is really at stake
 - Expectations management
- It takes a lot of time and patience... but it pays off...?
 - Costs-benefits analyses of public participation efforts

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