

November 14th, 2023
Brussels, Belgium



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PUBLIC PERCEPTION AND BUSINESS MODELS JOINT EVENT

Organised by the Carbon Capture,
Utilisation and Storage (CCUS) &
Alternative Fuels Horizon 2020/
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Social Readiness

Lolita Troilo

Baseline



1. Demonstrate the efficiency of the DMXTM process at the industrial pilot scale
2. Prepare for the establishment of the first industrial unit on the ArcelorMittal Dunkirk site
3. Design the future European hub of Dunkirk

From social readiness... to social acceptance

T7.3

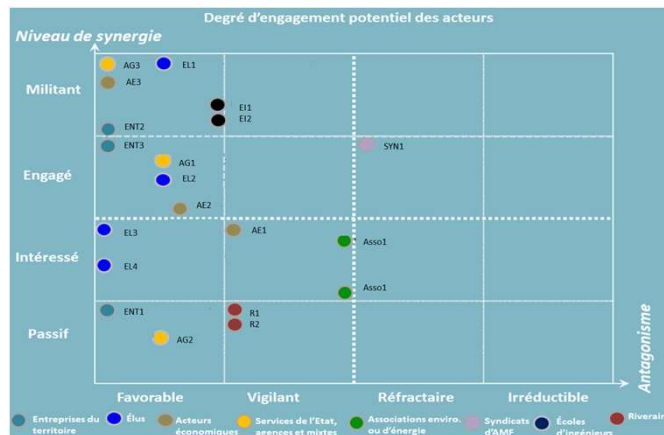
- CCS acceptance & legitimacy : significant climate mitigation potential ; legitimacy and feasibility debated
- Dunkirk ambivalence : historically favorable toward industrial projects (as Europe's leading energy platform) ; opposition possible to negative impacts



Methodology

Phase 1 : Stakeholder Mapping and Strategic Recommendations

Who are the stakeholders of the project and how does the local socio-economic context influence their perceptions?



- Literature review
- Interviews with 35 local stakeholders (local : companies, residents, environmental associations, local economic development organizations, elected officials, state services, scientists, chambers of commerce...)

Phase 2 : the Citizen Exploration Committee (CEC)

How do the feedbacks from the CEC, in terms of public information and dialogue, contribute to fostering mutual understanding and acceptance of the CCS approach and the 3D project?

- Composition : 15 citizens (local residents, environmental associations, students and scientists)
- Co-construction of the CEC's subjects :



Summary

General findings on CCS's perceptions

- Public opinion on CCS is generally favorable but less so after learning about the risks
- National public actors, supporting CCS for steel and cement, view Dunkirk as an ideal location
- NGOs continue to question the legitimacy of CCS in combating climate change

Specific findings in the context of 3D

The Consortium's : a need to enhance communication & engagement

- **Strategic roadmap** : 8 strategic recommendations aimed at enhancing the Consortium's communicating management capacity and strengthening existing plans and structures
- **Identification of focus area** : communication responsibilities, multilingual resources, grievance mechanism, communication campaign (especially online), stakeholder mapping and engagement, and dialogue with stakeholders

The stakeholders : a need to 'know more'

- Training/employment and technical risks are substantial areas of inquiry and discussion
- Participants question the broader industrial and ecological context / the effectiveness of CCS in tackling climate change
- High levels of participation (64%) and satisfaction (67%), but a noticeable disengagement is observed as the process continues
- The CEC format has met 7.9/10 expectations and is seen as effective for engagement, but there's a call for more diversity in participants

Policy impact

- 3D is generally accepted, with no indication of widespread rejection of this industry type
- Nevertheless, the need to 'know more', if not met, may lead to oppositions in the future
 - **Project proponent clarity and alignment** : define and communicate clear roles and responsibilities, clarifying the positions of project proponents and policymakers in 3D and energy transition
 - **Information dissemination** : prioritize transparent communication of technical aspects and risks, ensuring the public is well-informed and any misconceptions about the project are addressed
 - **Public engagement** : develop and implement tools that promote inclusive and diversify engagement, while addressing concerns related to employment and broader industrial context
 - **Legitimacy of CCS** : encourage ongoing dialogue and debates to address the contested legitimacy of CCS, in a context of climate change

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Thank You

For Your Attention

GET IN TOUCH

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