



Public perceptions on CCS from a Danish perspective

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Klima-, Energi- og
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Why should you even listen to the Danes?

- Global CCS Institute ranked Denmark 3rd in 2023 when it comes to regulatory framework for CCS

“Support for CCS in Denmark in an example of how quickly and strongly enabling policies can be developed and implemented with strong public support”

- IEA stated in their Energy policy Review 2023 that:

“Within a record time of three years, Denmark has created framework conditions and rules for CCS, completed a first CCS tender and allocated a first CO₂ storage license.”



Danish climate policy

- Climate the most important topic during the Danish national election 2019
- Agreement on Climate Act Dec. 6 2019
 - › National target of 70% reduction of greenhouse gas emissions in 2030 compared to 1990
 - › How do we get there?



Denmark's New Prime Minister Vows to Tackle Climate Change

The New York Times

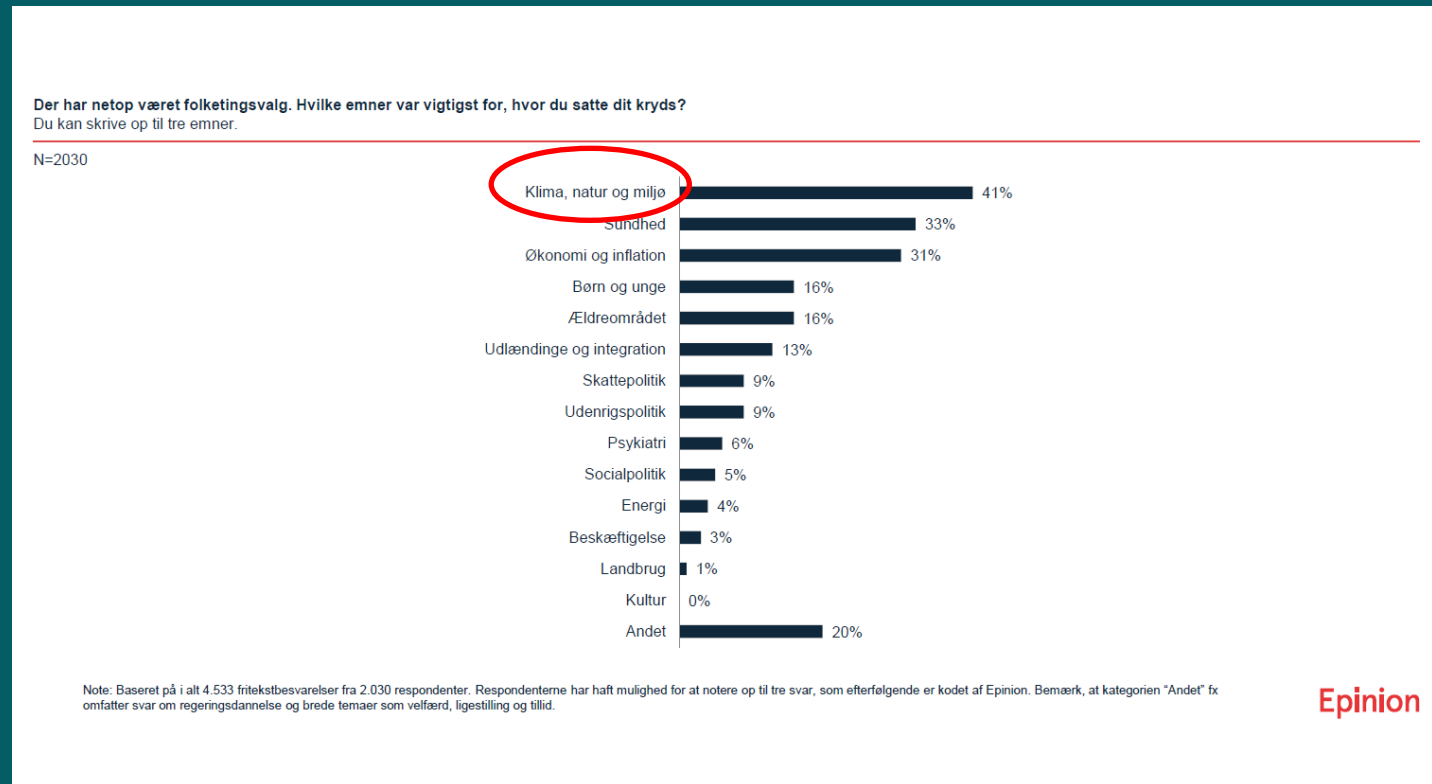
Denmark Election Is Fueled by Anger on Climate and Immigration

Climate in focus as Denmark seen veering left in election

New Danish government puts climate

Public perception

Climate, nature and environment most important topic influencing the votes in 2022 national election



How do we work to develop CCS in Denmark?

- We work closely with industry
- We engage in public dialogues on CCS.

What has this meant?

- Broad support in parliament and the public in general for CCS as a necessary climate tool.



Political agreements on CCS

Climate Agreement on Energy and Industry 22 June 2020

- › Decision to make CCS legal and to be used in hard to abate sectors
- › Emphasizing CCS does not mean less-ambitions on the climate agenda

Agreement on CCS Roadmap part 1, 30 June 2021 + part 2, 14 December 2021

- › Decision to make import/export of CO₂ legal
- › Decision to make DK a European hub for CCS, and to roll out CCS on market terms in the long run in CCS strategy

Agreement on Framework Conditions for CO₂ Storage June 21 2022

- › State co-ownership of storage permits at 20 pct.

Agreement on Strengthened Framework Conditions for CCS in Denmark 20 September 2023

- › Denmark's first main law on CO₂ pipeline infrastructure allows private and public ownership of CCUS infrastructure
- › 20 pct. state ownership of storage licenses both on- and offshore
- › Combining funding schemes into one CCS scheme with two tender rounds in June 2024 and June 2025. >26 billion DKK / ~3.6 billion EUR capturing and storing at least 34 million tons of CO₂ in total

Agreement on CCS in the utility sector 7 February 2024

- › Strengthens the conditions for waste and power plants to take part in the coming tenders for capture and storage of CO₂.



Local engagement - main concerns

- Humans and nature negatively affected
- Risk of land cracks and earthquakes
- New technology
- Heavy transport burden in small local communities
- Faster and cheaper alternatives to reduce GHG emissions



How do we mitigate negative public perception?

Increasing level of information among citizens and local authorities

- Open citizen meetings in all affected areas as part of strategic environmental assessment of locations for onshore storage
- Participation in public meetings
- Close dialogue with municipalities
- Information campaign/being available as experts in media
- Obligation on bid-winners to inform local communities
- Regulation on safety and environment.



How do we mitigate negative public perception?

Maintain a clear message on the need for CCS to mitigating climate change



CCS is a necessary tool to reach national and international climate targets



Technology is tested and has been used in more than 30 years



There will be no CO2 storage without thorough exploration of subsoils suitability for environmentally safe CO2 storage

Thank you for your attention



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