



Ministerie van Economische Zaken
en Klimaat

Experiences with the development of a policy framework for CCUS in the Netherlands

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What steps has the Netherlands taken to advance CCUS?

- › Research and innovation
- › Open and inclusive dialogue
- › Fact-based decision making on climate policy
- › Creating a 'market maker'
- › Establishing an enabling policy mechanism
- › Removing barriers to international cooperation

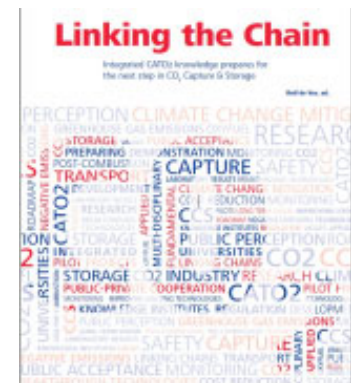




Research and innovation

- > National public-private research programmes - CATO:
 - CO₂ storage demonstrations
 - Regulatory assessments
 - Paving the way for CO₂ storage permits
 - Efficient capture techniques and unique industrial applications

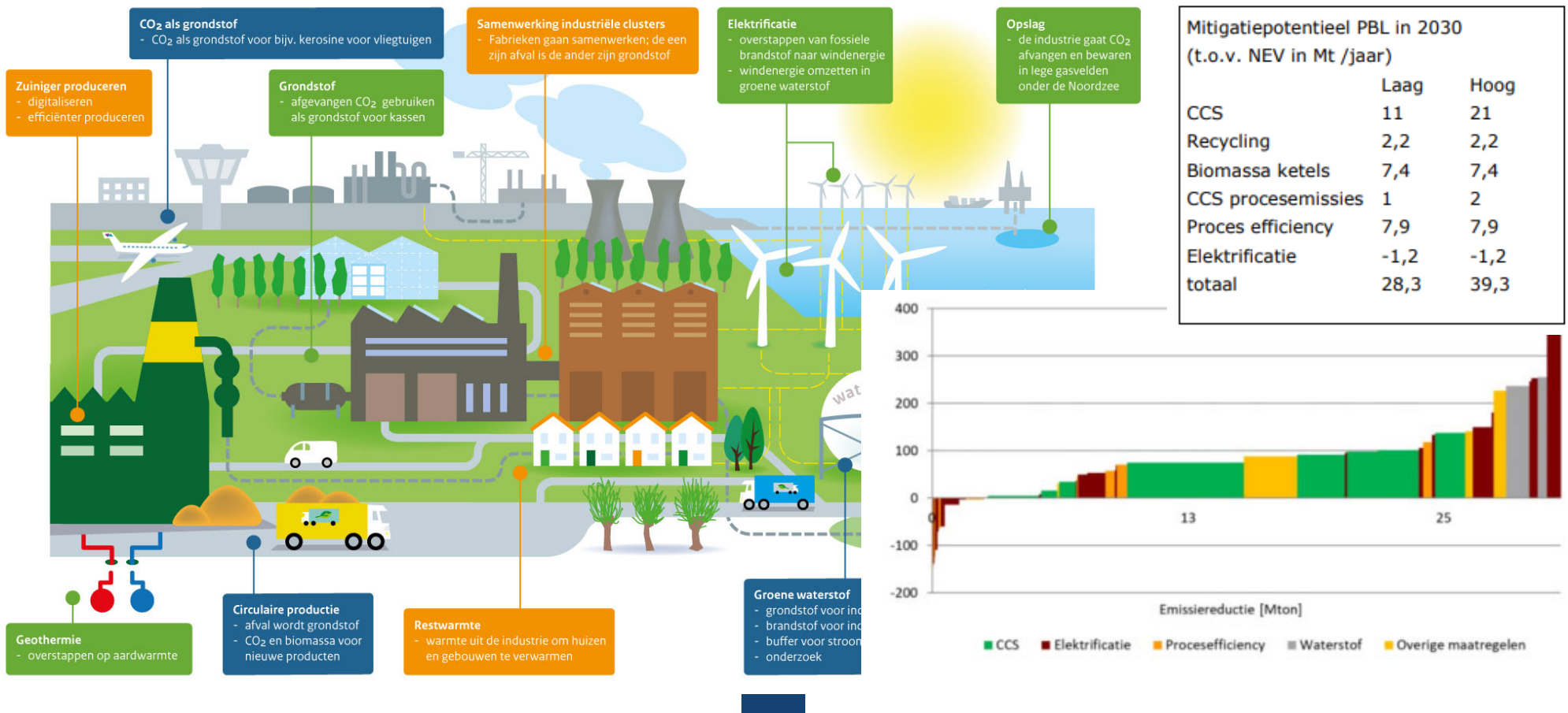
- > European research initiatives
 - Horizon 2020
 - European Research Alliance Network – Accelerating CCS Technologies
 - Sharing knowledge and broadening the CCUS expert pool
 - Insights into country-specific applications and perspectives
 - Moving forward with Horizon Europe (CETP's)







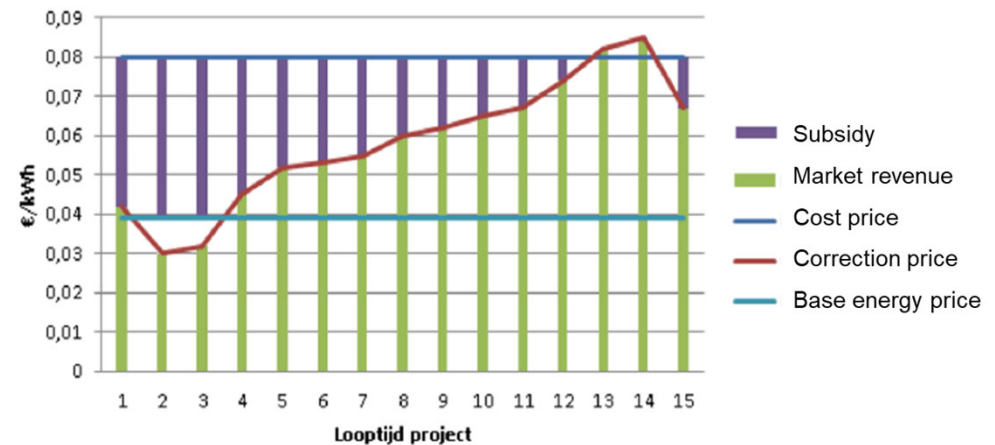
Fact-based decision making on climate policy





Establishing an enabling policy mechanism

- > SDE++ was an existing policy, adapted to include CCS in 2020
- > Provides a subsidy to bridge the gap between the ETS price and cost of project
- > Covers post- and pre-combustion projects at existing and new industrial installations
- > Adjusted on a yearly basis accounting for industry needs and pricing
- > Covers capex/opex 15 years
- > Project with lowest reduction costs has highest chance of subsidy
- > Projects have to be realised within 6 years from subsidy approval





Creating a 'market maker'

- > Porthos CCS Project – Creating a market for CO₂ transport and storage
- > Government support to allow preparation in transport and storage in anticipation of demand
- > Creating an impulse for the development of relevant technology
- > Providing additional transport capacity for future developments
- > Allowing for familiarisation with the regulatory frameworks for CCS





Removing barriers to international cooperation

- > For CCUS to contribute as much as possible to European climate targets, international cooperation is essential
- > 2019 – The provisional application of an amendment in the London Protocol – export of waste for storage now possible
- > 3 CO₂ infra Projects of Common Interest in NL
- > Supported the European Commission with the broadening of the TEN-E regulation to include CO₂ storage for transboundary projects
- > Bilateral discussions with countries ongoing
- > Active member in the North Sea Basin Task Force, CEM CCUS, SET-Plan, ZEP GG.





Thank you

