



IFPEN
Projet CO₂



Monsieur Paul Broutin

IFPEN

Coordinateur du Projet 3D

Tel : 06 45 50 22 87

Mail : paul.broutin@ifp.fr





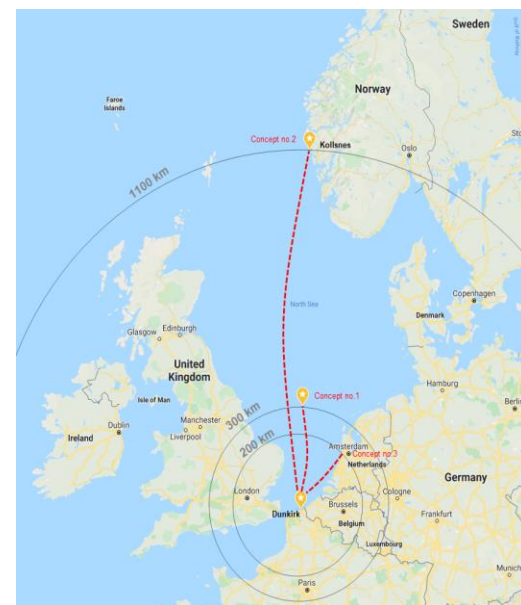
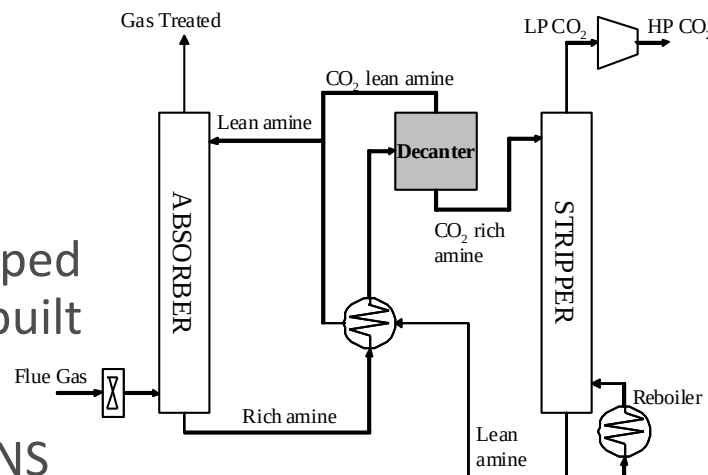
3D in Brief

- H2020 project (call 2018 / topic LC-SC3-NZE-1)
- Project start-up : 01/05/2019
- Duration : 48 months
- Estimated eligible costs : 19.2 M€
- EU funding : 14.7 M€
- Coordinator: IFPEN
- 11 partners



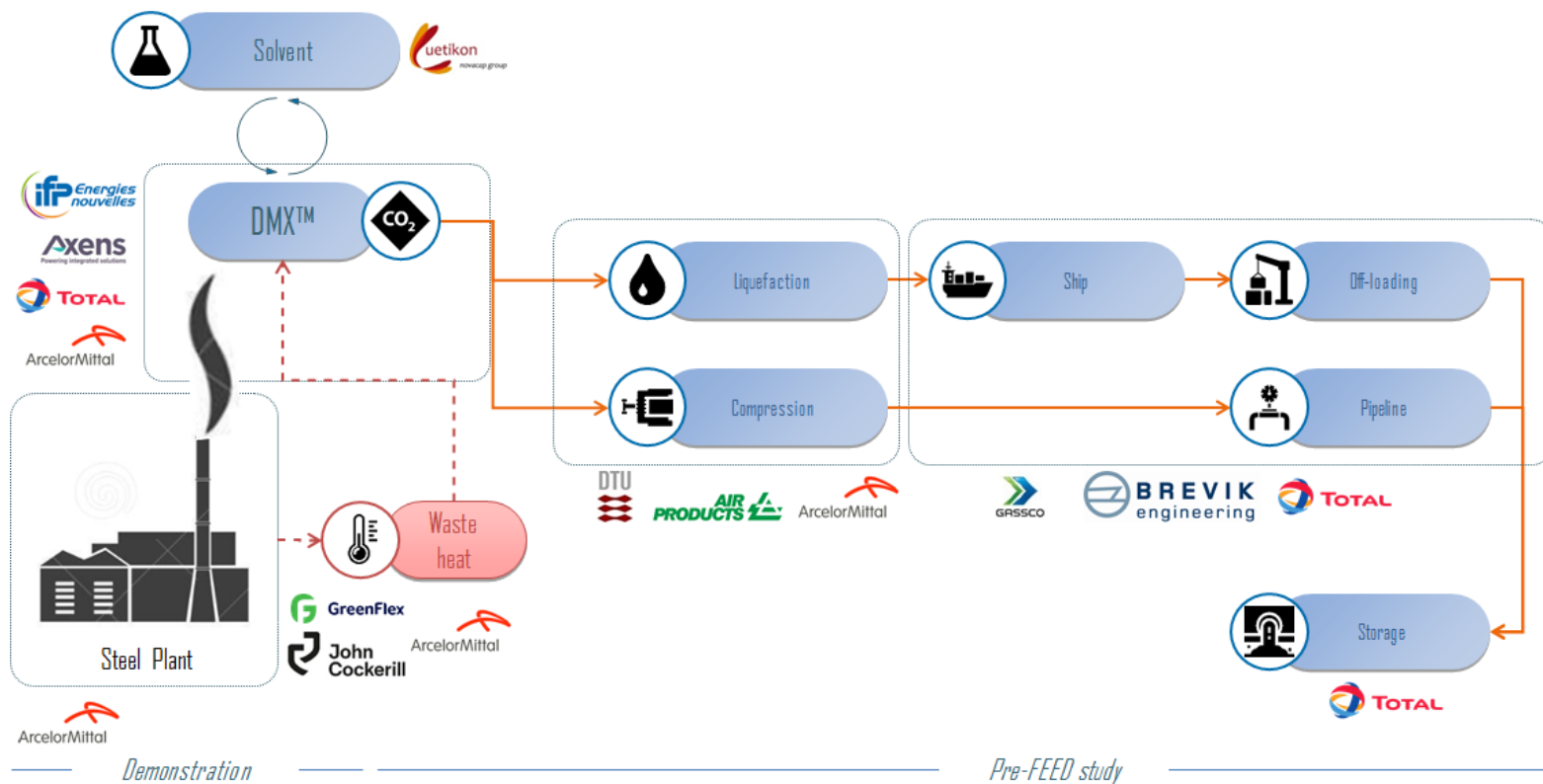
3D Objectives

- To demonstrate the DMXTM Process developed by IFPEN on an industrial pilot plant to be built @ ArcelorMittal's steel mill in Dunkirk
- Last step before commercialisation by AXENS
- To prepare a first CCS large-scale demonstrator Dunkirk-North Sea (> 1MtCO₂/y)
- To study the CCS cluster 2035 Dunkirk-North Sea (10 MtCO₂/y)





3D Synopsis



Social Sciences and Humanities, Life Cycle and Cost Analysis

CCS cluster 2035 in Dunkirk

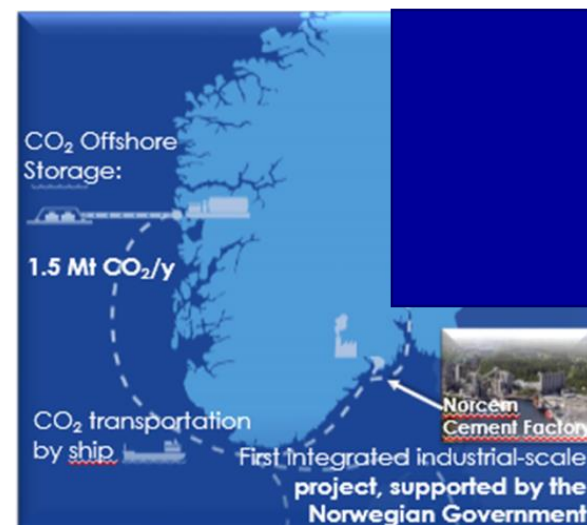
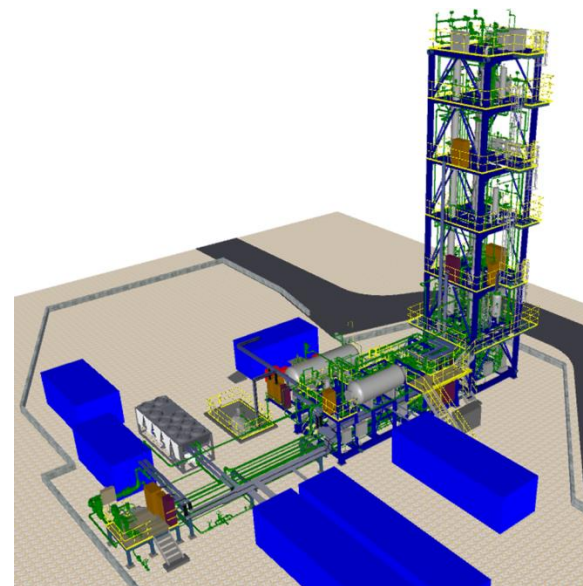


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3D First Results

- FEED of the 3D pilot plant finalised
 - Procurement launched
 - Start of experimentation scheduled @ Q2 2022
-
- Pre-FEED studies launched for a CCS large-scale demonstrator Dunkirk-North Sea (> 1MtCO₂/y) in links with the Norwegian CCS project Longship (ex Northern Lights): Norwegian parliament/EU approval processes underway by end 2020.





Thank You

Acknowledgment

This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement N°838031



3D Website

<https://3d-ccus.com/>

Contacts @ IFPEN

florence.delprat-jannaud@ifp.fr

vania.santos@ifp.fr

paul.broutin@ifp.fr

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Facebook
@cci.littoralhautsdefrance 

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littoral-hautsdefrance.cci.fr