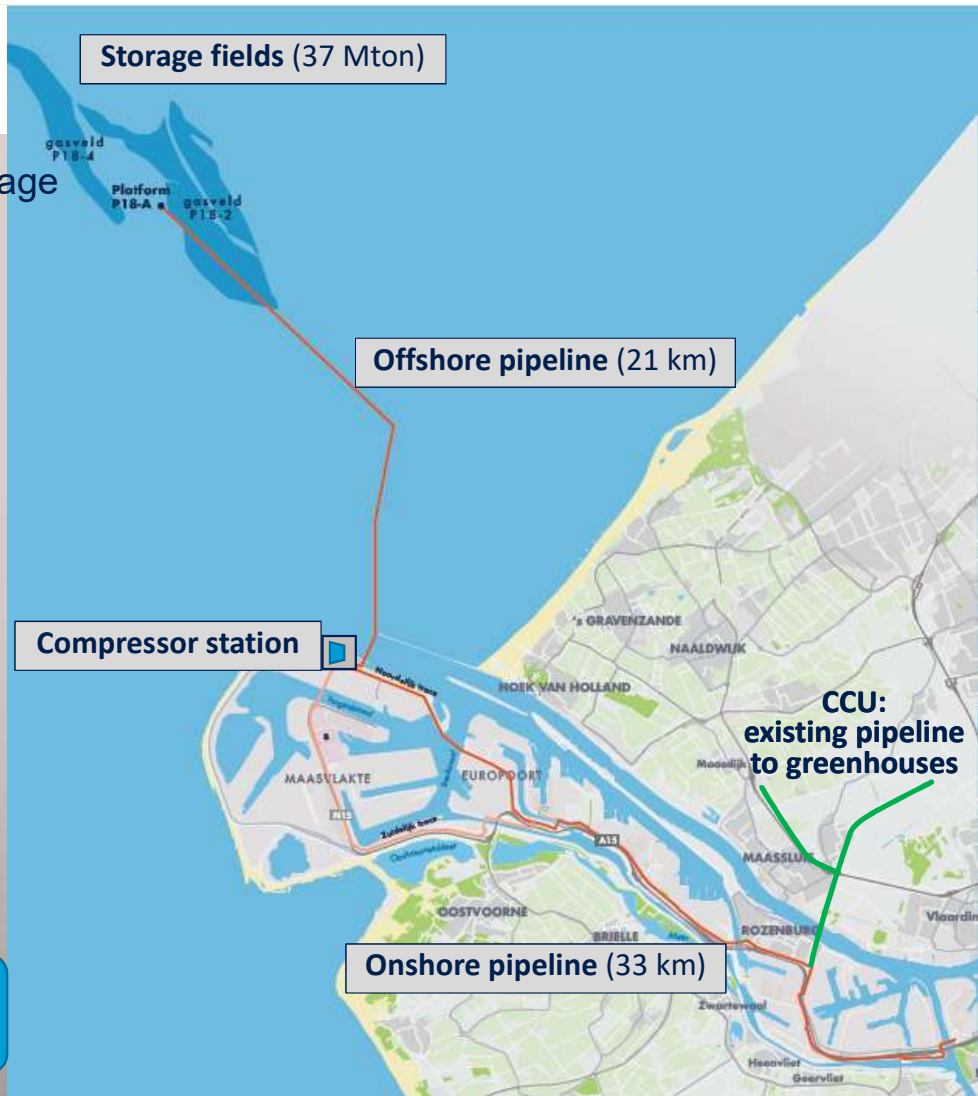
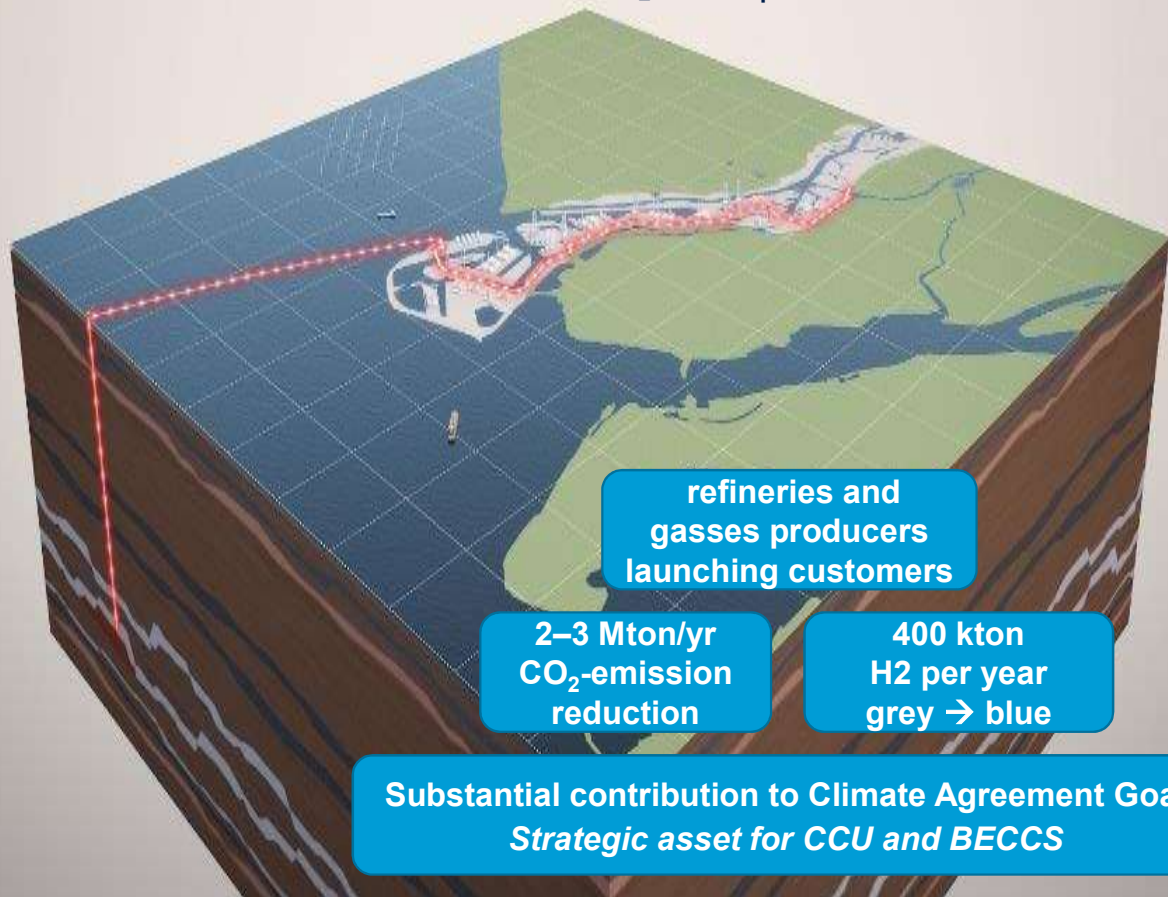


# CCUS Carbon Capture Usage & Storage

## Porthos Port of Rotterdam CO<sub>2</sub> Transport Hub and Offshore Storage



## Blue Hydrogen

H-Vision project: Collaboration for large scale production and usage of blue hydrogen (natural gas with CCS)



Hydrogen for industrial heat

2,2 – 4,3 Mton  
CO<sub>2</sub>-emission  
reduction

1.600–3.200 MW  
400-700 kton  
H<sub>2</sub> per year

Substantial contribution to Climate Agreement Goal  
*Accelerate market development for hydrogen*



## Green Hydrogen

250 MW water electrolyser connected to offshore windpower for the production of green hydrogen for BP's refinery

Potential to grow

350 kton  
CO<sub>2</sub>-emission  
reduction

250 MW  
45 kton  
H<sub>2</sub> per year

Part of 2 GW – 360 kton conversion park development  
*Connect offshore wind farms with hydrogen production*

Nouryon



# ROTTERDAM, GLOBAL INDUSTRIAL HYDROGEN HUB

NOW

START THE  
MARKET

< 2030

CONNECT THE  
MARKETS

< 2040

CO<sub>2</sub> NEUTRAL  
MARKET

< 2050





# Hydrogen import

