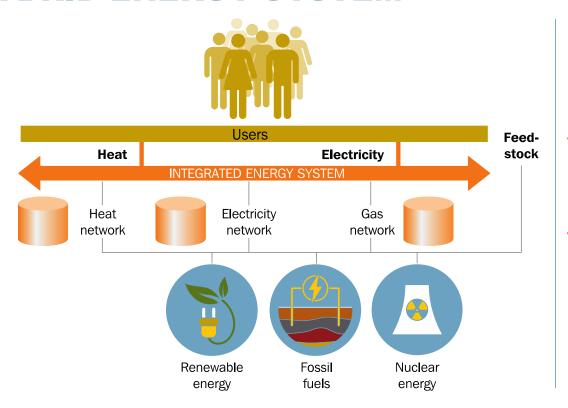




## **HYBRID ENERGY SYSTEM**



Energy usage

Management of supply and demand

Storage & conversion

Networks

Energy production: central & local



temperature Greenhouses

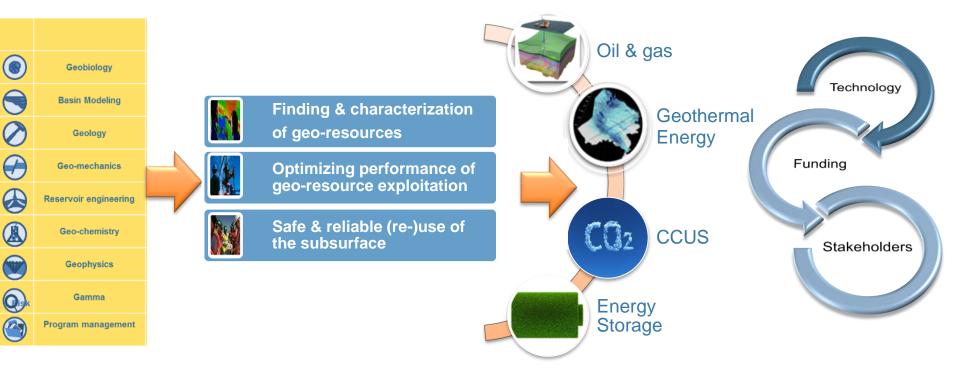
## FROM CCS → OIL & GAS → GREENHOUSES...



breakthrough



### A strong geoscience base for enabling the energy transition



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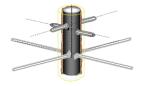
#### **CROSS FERTILIZATION IN GEO SCIENCE IN TRANSITION**

















Sealing ideas CO2 storage



Downhole field lab: wellbore sealing by rock salt (natural sealing salt plug & clay & bentonite)

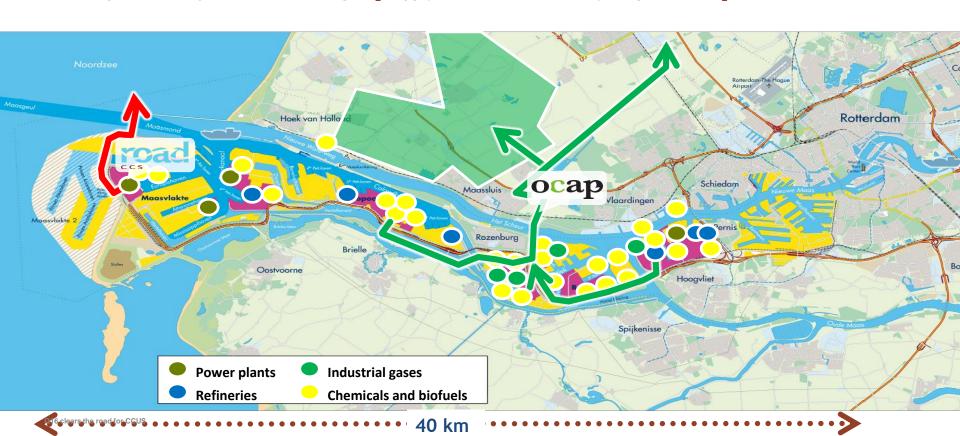




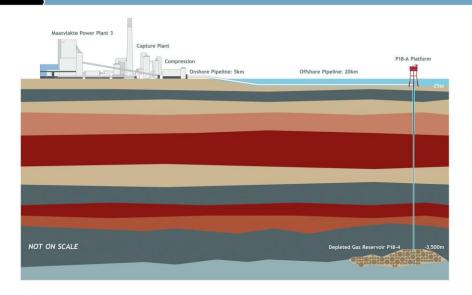
### **MUTUALLY BENEFICIAL BUSINESS CASES**



Next Step: ROAD Project, OCAP: Existing CO<sub>2</sub> Supply to Greenhouses, Many Large-scale CO<sub>2</sub> Emitters







Maasvlakte Power Plant 3 North Sea **Supported by Norway!** NOT ON SCALE

ROAD (OLD): STORAGE LOCATION TAQA P18

**CCS PROJECT NOT POSSIBLE** 

ROAD (NEW): STORAGE LOCATION ONE Q16

**CCS PROJECT POSSIBLE!** 

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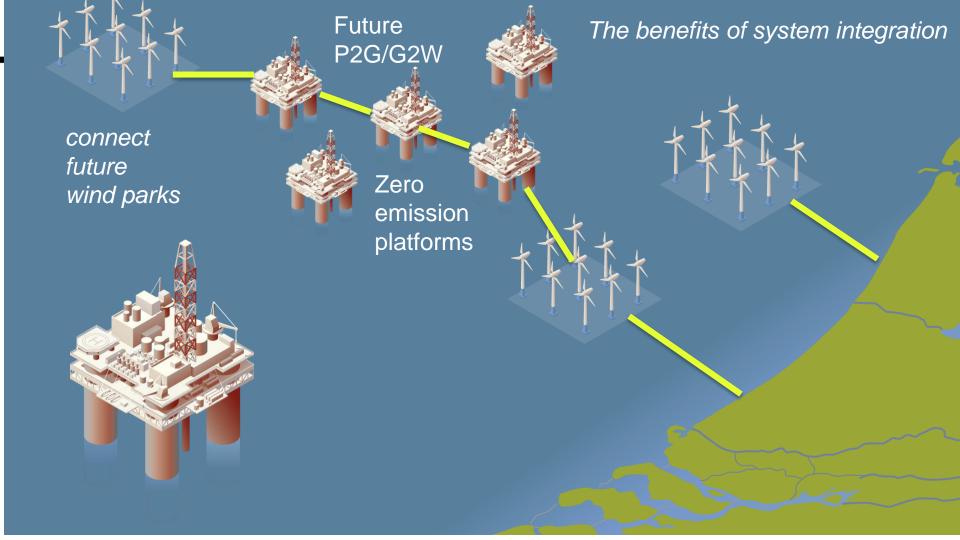
# **ROAD Connection to Greenhouses**



# **Westland Area**

Q16 clears the road for CCUS







COMMON ISSUES, SOLVE THEM TOGETHER

**MAKE SMART COMBINATIONS** 

Maturing assets

Integrity of surface/subsurface energy systems

Well abandonment

Re-use of infrastructure

Offshore wind

Committed to Paris-agreement COP

Large scale collaborations like NCCS are a must!

