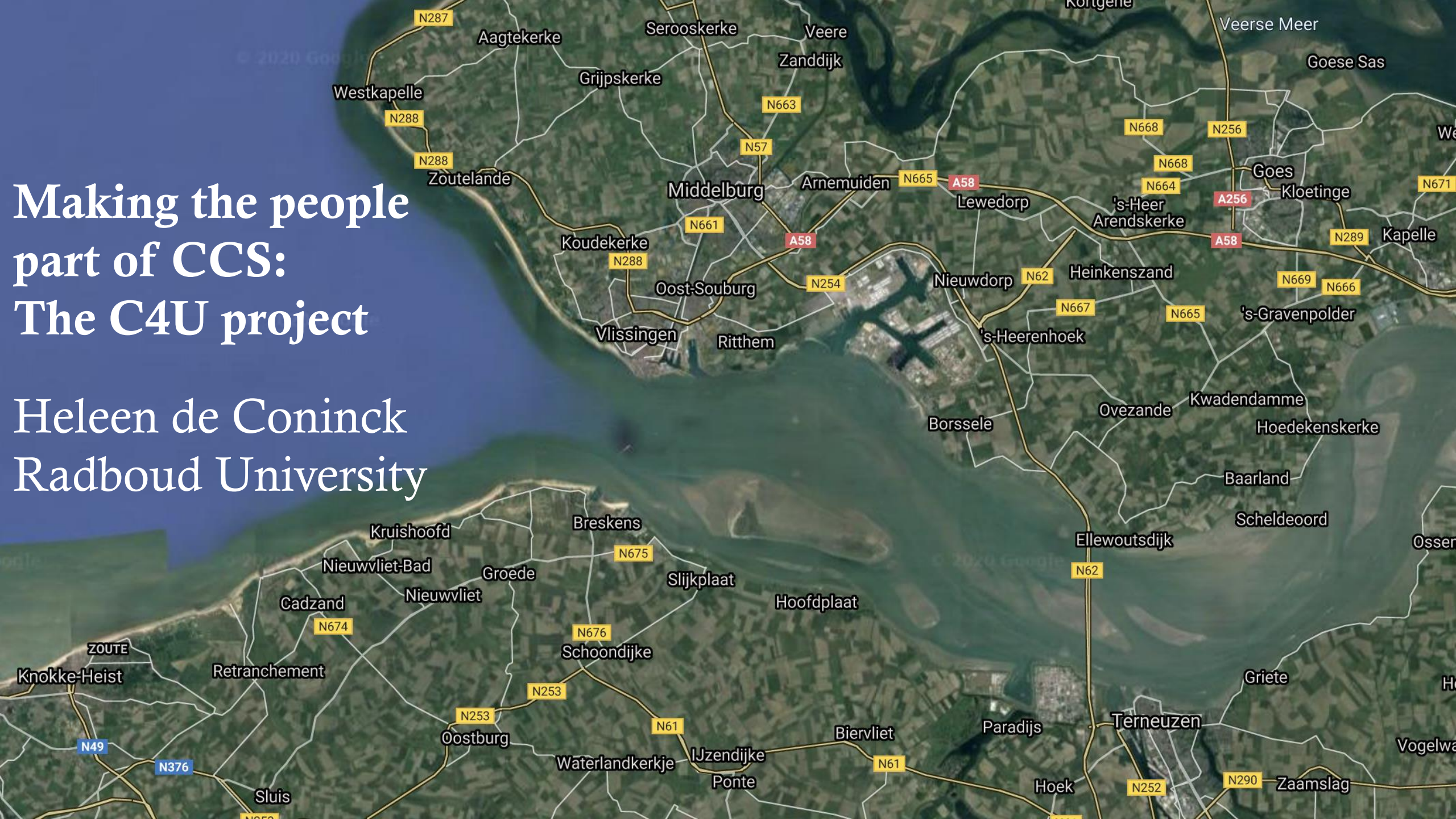


# Making the people part of CCS: The C4U project

Heleen de Coninck  
Radboud University











C4U

# Advanced Carbon Capture for Steel Industries Integrated in CCUS Clusters



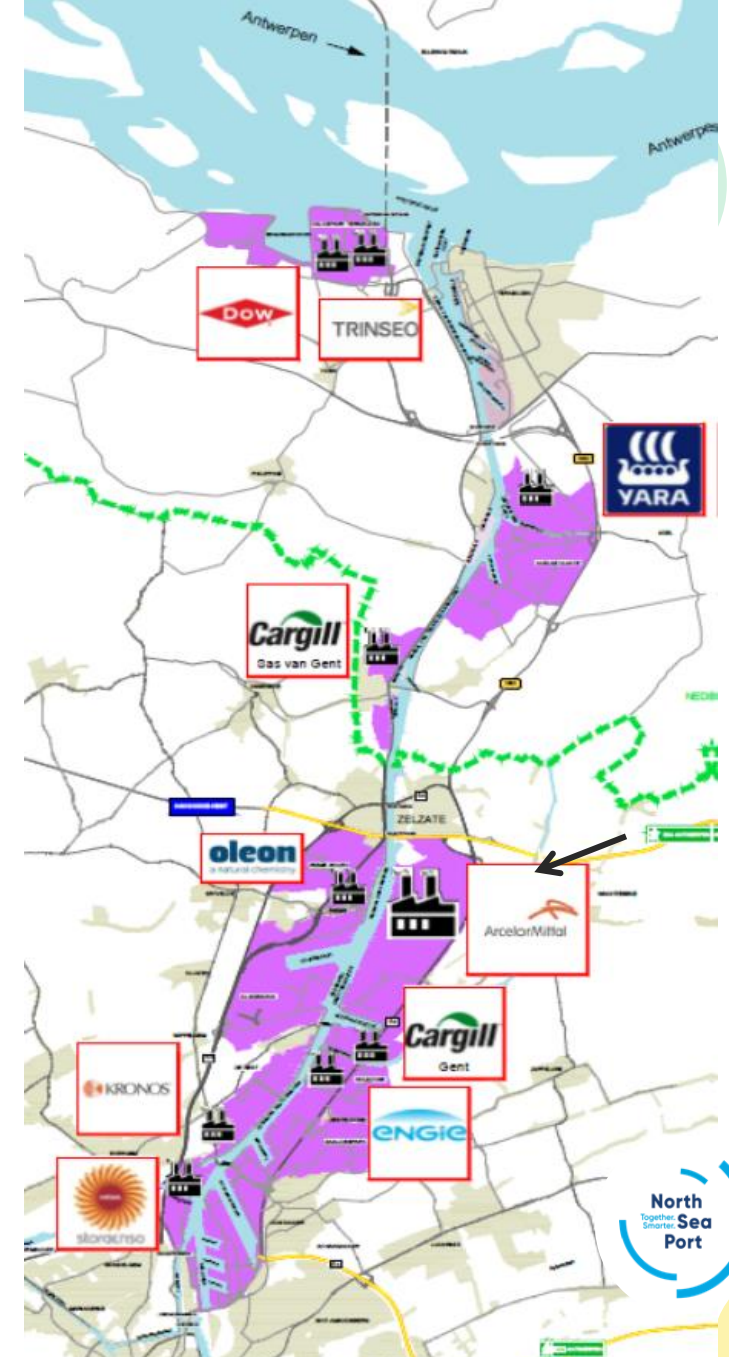
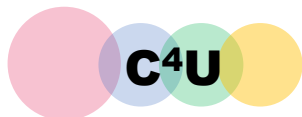
The contents of this presentation are the sole responsibility of University College London and do not necessarily reflect the opinion of the European Union.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 884418

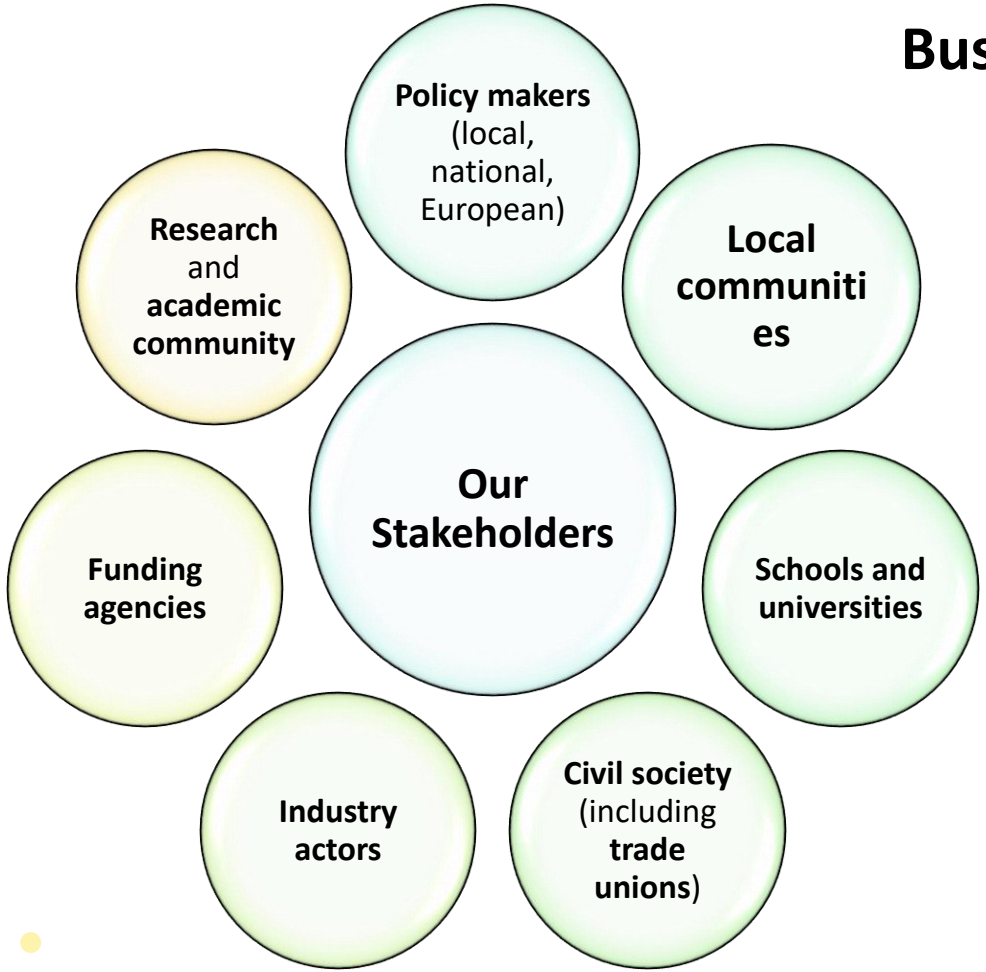
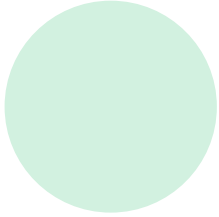
# TO ENABLE THE LARGE-SCALE ROLLOUT OF CCUS, C<sup>4</sup>U

- Elevates two promising CO<sub>2</sub> solid based capture technologies, known as DISPLACE and CASOH, **from TRL5 to TRL7** & design for optimal integration in the steel industry
- Analyses the **economic, environmental and business impacts** and opportunities for integration of these two technologies at large scale (TRL9) in the ArcelorMittal steel plant as part of the North Sea Port industrial cluster
- Develop and test **engagement approaches** with stakeholders and end-users to assess and advance societal readiness for CCUS in industrial clusters and shed light on new business models



Map courtesy of Thomas DeSnijder, North Sea Port, Gent, Belgium.

# C<sup>4</sup>U: Societal readiness and public engagement



**Business model innovation**

**Policy instruments**

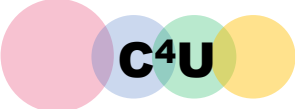
**System dynamics**

**Site visits**

**Group model building**

**Half-day workshops in schools**

**Consultation**

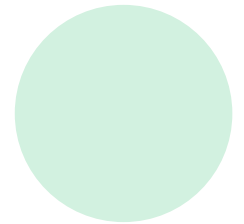
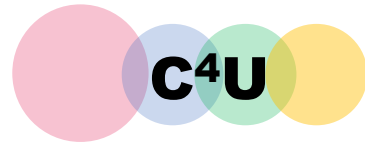












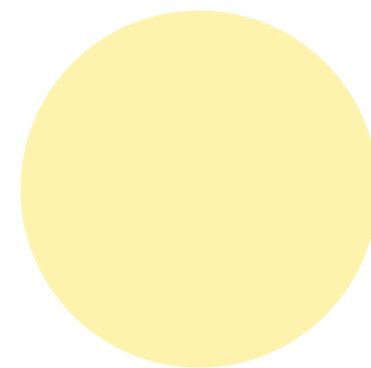
## **Advanced Carbon Capture for Steel Industries Integrated in CCUS Clusters**

# **THANK YOU**

## Questions ?

Visit the C4U website at: <https://c4u-project.eu/>

**Also to register for the newsletter!**



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 884418