



# ERA-NET ACT ECO-BASE

CCS Roadmaps for SE Europe | Filip Neele

**TNO** innovation  
for life

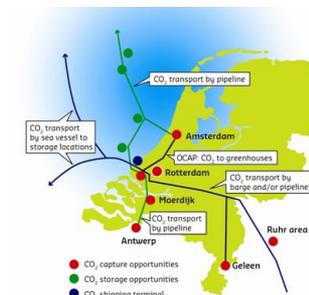
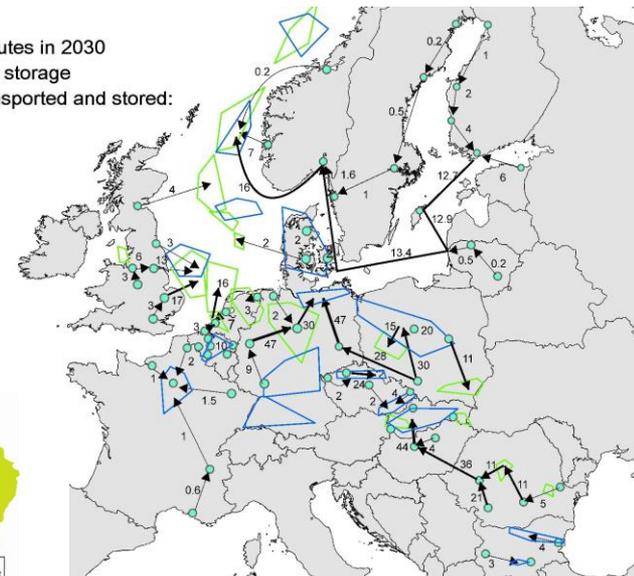
# ERA-NET ACT ECO-BASE DEVELOPING CCS ROADMAPS FOR SE EUROPE

## ECOBASE

Enhanced oil recovery with storage

- › CCS activities concentrated in NW Europe
- › CCS is EU-wide priority
- Use ERA-NET ACT to support SE Europe in developing CCS
  
- › Key point in SE Europe
  - › Use CO<sub>2</sub>-EOR opportunities to initiate CO<sub>2</sub> capture and utilisation

CO<sub>2</sub>Europipe  
Map of transport routes in 2030  
Onshore + offshore storage  
Total captured, transported and stored:  
400 Mt/yr

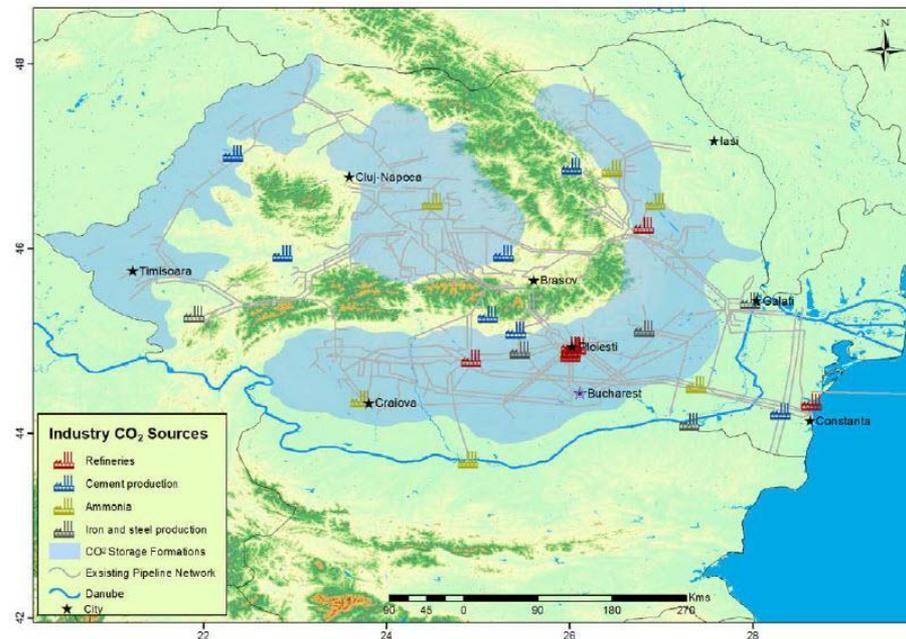


## ERA-NET ACT PRE-ACT DEVELOPING CCS ROADMAPS FOR SE EUROPE

EC<sub>2</sub>BASE

Enhanced oil recovery with storage

- › Key questions
  - › How can CO<sub>2</sub>-EOR support development of CCS in Romania, Turkey, Greece?
  - › What are relevant volumes of CO<sub>2</sub> for CCU?
  
- › Impact: support development of CCS, by:
  - › Setting up and updating roadmaps, copying current NW European CCS plans / roadmaps and utilising CCU benefits
  - › Organising workshops, summer schools to transfer NW Europe knowledge and experience



*Our future is carbon negative: a CCS roadmap for Romania, Bellona, 2012*

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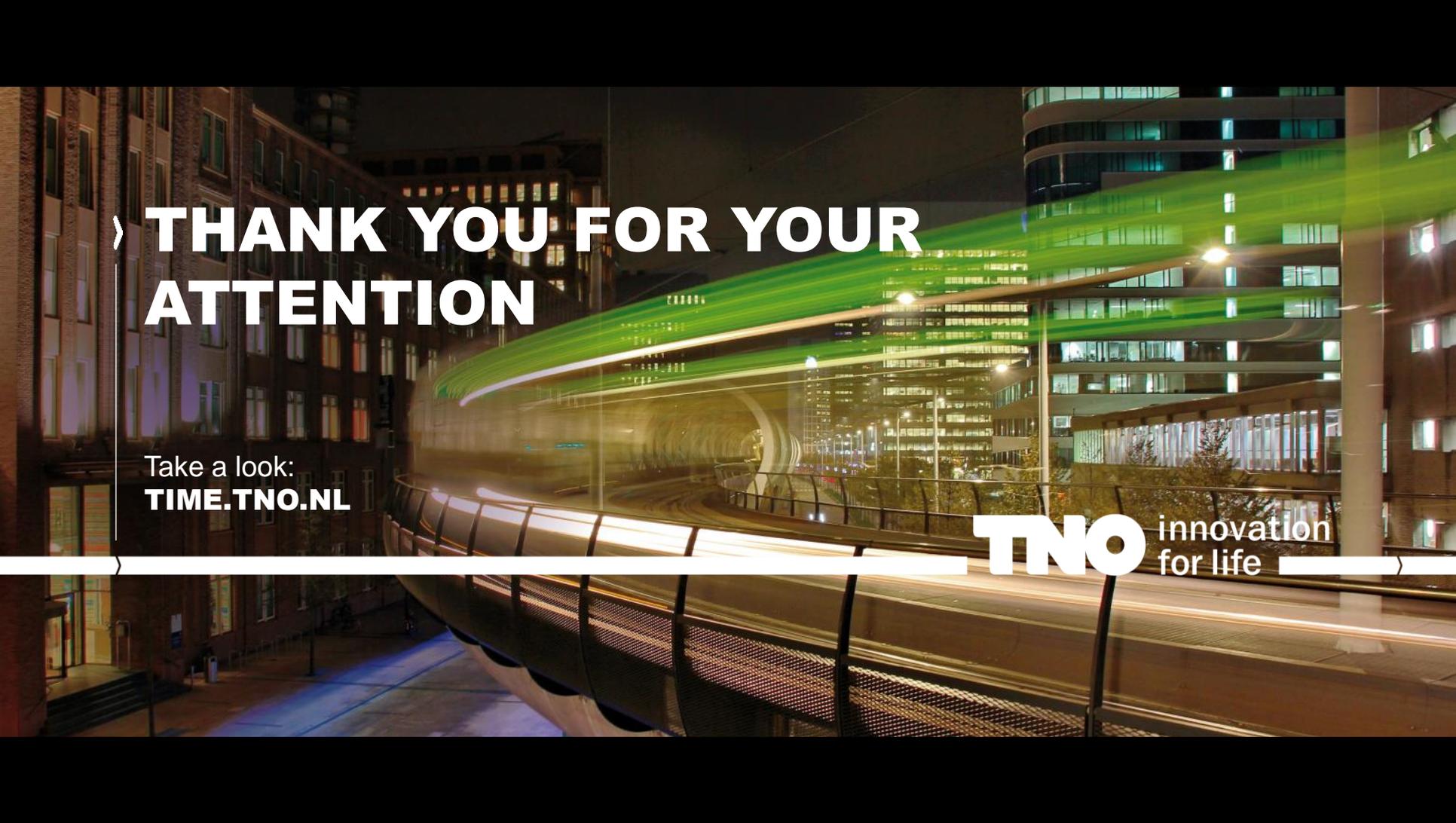
ECOBASE

Enhanced oil recovery with storage

## ECO-BASE facts

- › Budget: M€ 1.6
- › Duration: 1/9 2017 – 31/8 2020
- › Partners:
  - › NO: IRIS (coordinator)
  - › TU: METU-PAL
  - › RO: Pic-OIL, GeoEcoMar, CO<sub>2</sub>-Club
  - › NL: TNO
- › Associates: KAPSARC (S-Arabia), Sotacarbo (IT)



A nighttime photograph of a city street. On the left is a brick building with lit windows. On the right is a modern building with a curved facade and lit windows. A long-exposure shot of a car's headlights and taillights creates a bright green and white light trail that curves across the middle of the image. The overall scene is illuminated by city lights.

› **THANK YOU FOR YOUR  
ATTENTION**

Take a look:  
**TIME.TNO.NL**

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