



CCS in the EU

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2007

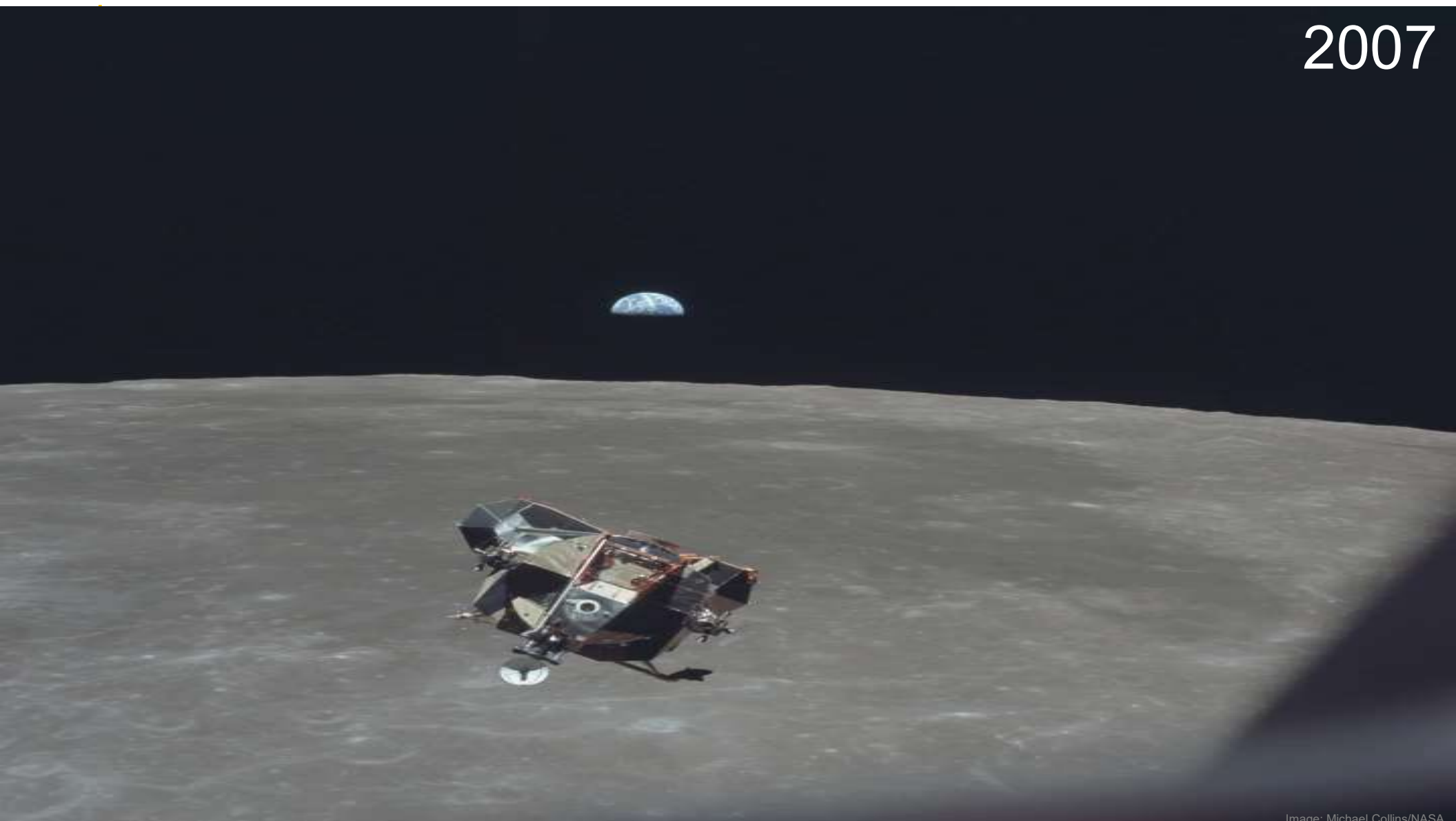


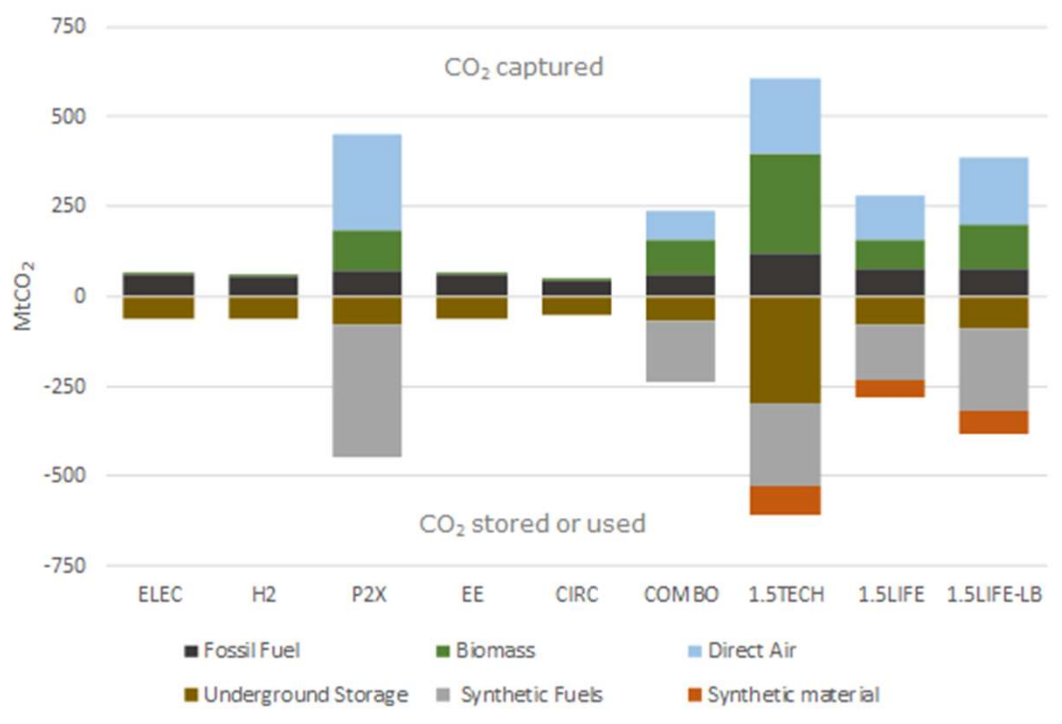
Image: Michael Collins/NASA

2012



2018

Green Deal modelling reality



- Hard-to-abate sectors
- Carbon removals
- Bridge to H2 market
- Power sector
- Fuels and other products
- ... with 0 CO₂ captured in 2030

Source: Scenario Analysis Results for CCUS, Vision for a Clean Planet by 2050



EU sponsored projects

- ★ 11 Innovation Fund projects
- 14 TEN-E projects

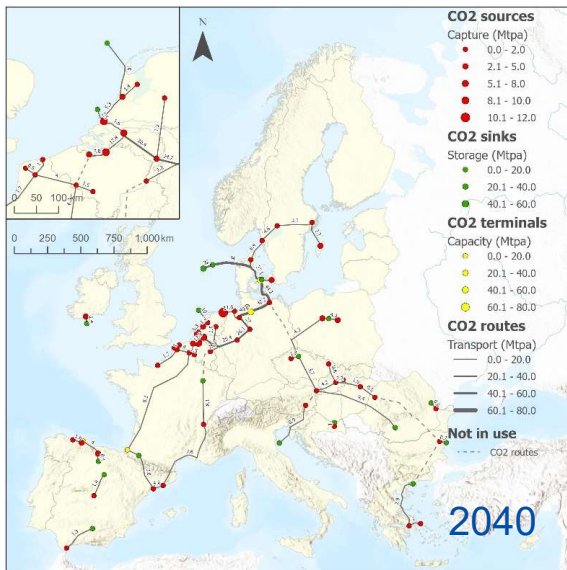
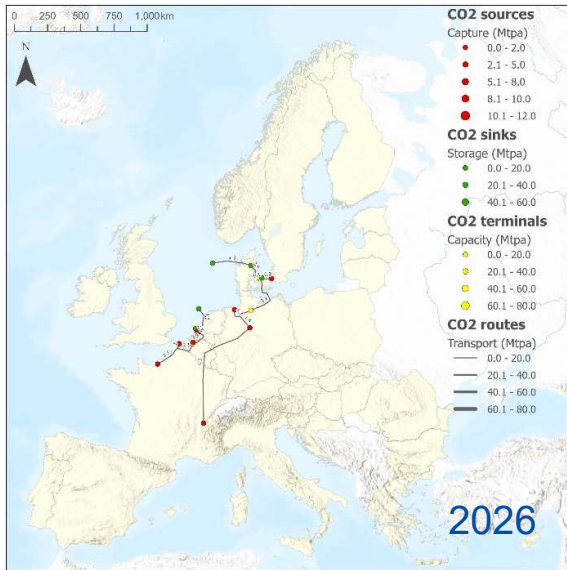
+12 further candidate capture projects under IF

Total storage needed **ca. 12**
Mt CO₂ p/a

CO₂ storage obligation proposal

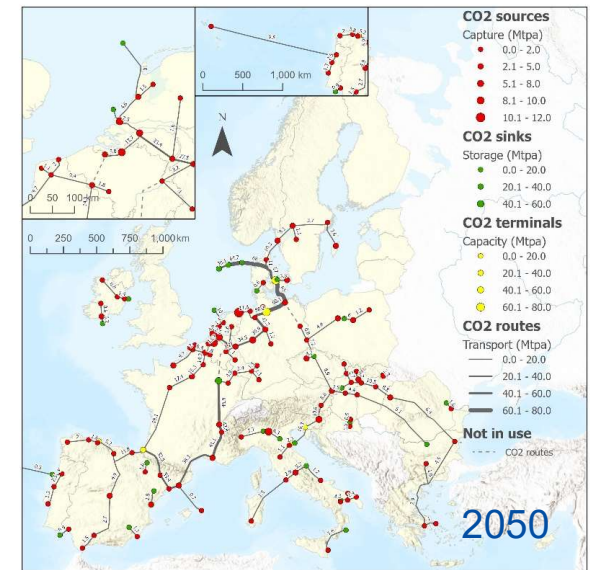
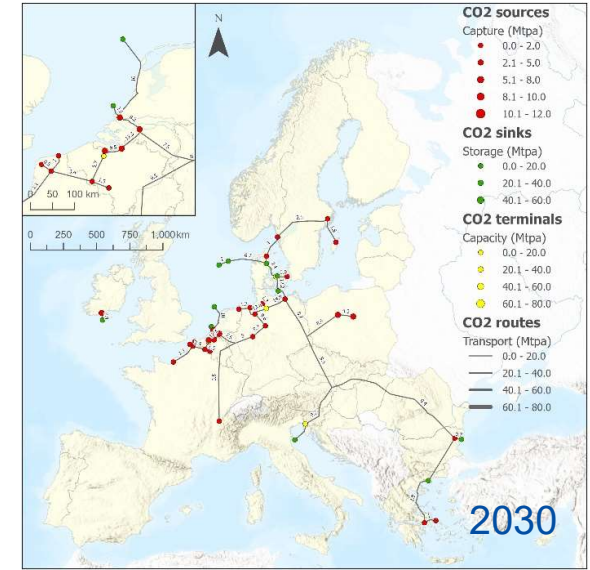
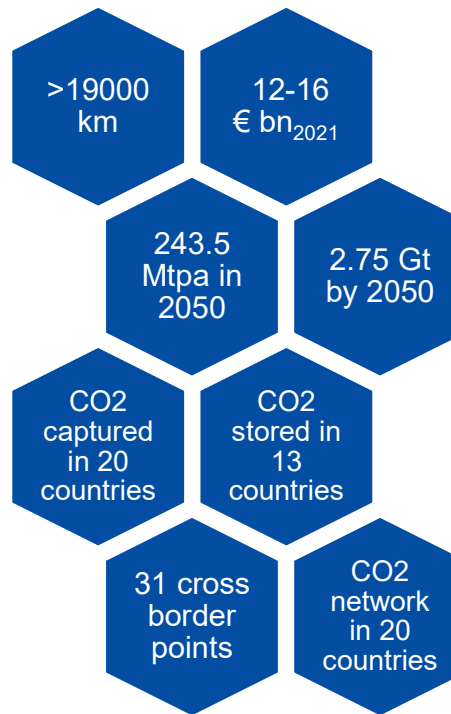
- Net Zero Industry Act proposal with a CCS chapter
- EU-wide objective to achieve an annual CO₂ storage capacity of **50 million tonnes by 2030** (EOR/EGR excluded)
- Oil and gas producers to provide an individual contribution for reaching the target
- When NZIA becomes EEA relevant – target will be revised





Preliminary results

NZIA scenario



Strategy pillars

I. CCS

II. CCU

III. Industrial Carbon Removals



Actions already announced

- Network regulation and planning
- Common CO₂ stream standards
- Knowledge sharing
- CCUS Observatory for cement and waste-incineration capture



Milestones

- Net Zero Industry Act – 1Q 2024
- Strategy published – 1Q 2024
- 2040 Climate Target – 1Q 2024

Thank you!

