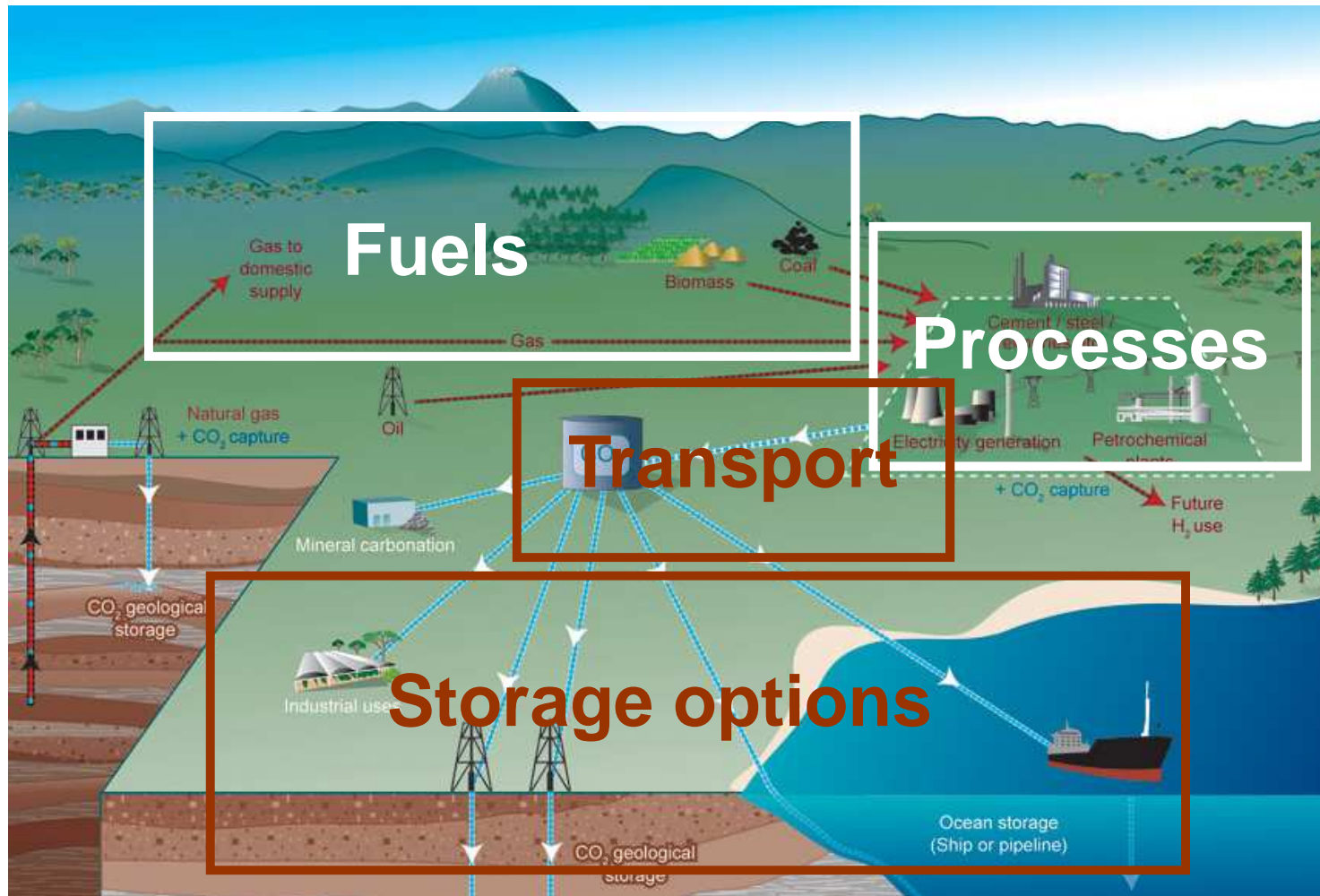
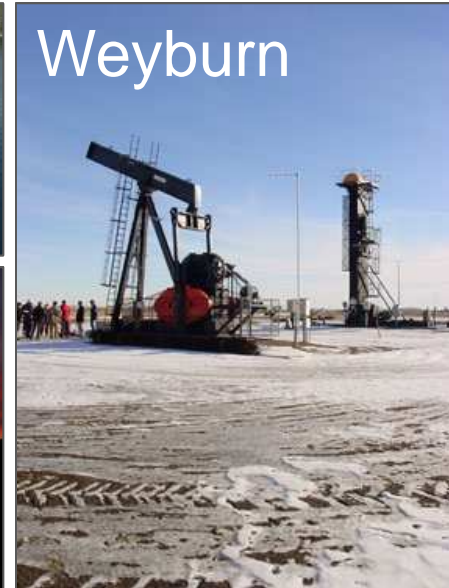


CO₂ capture and storage

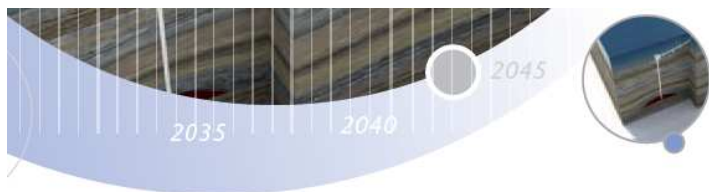


Source: IPCC Special Report on CCS, 2005

CCS is operational today...



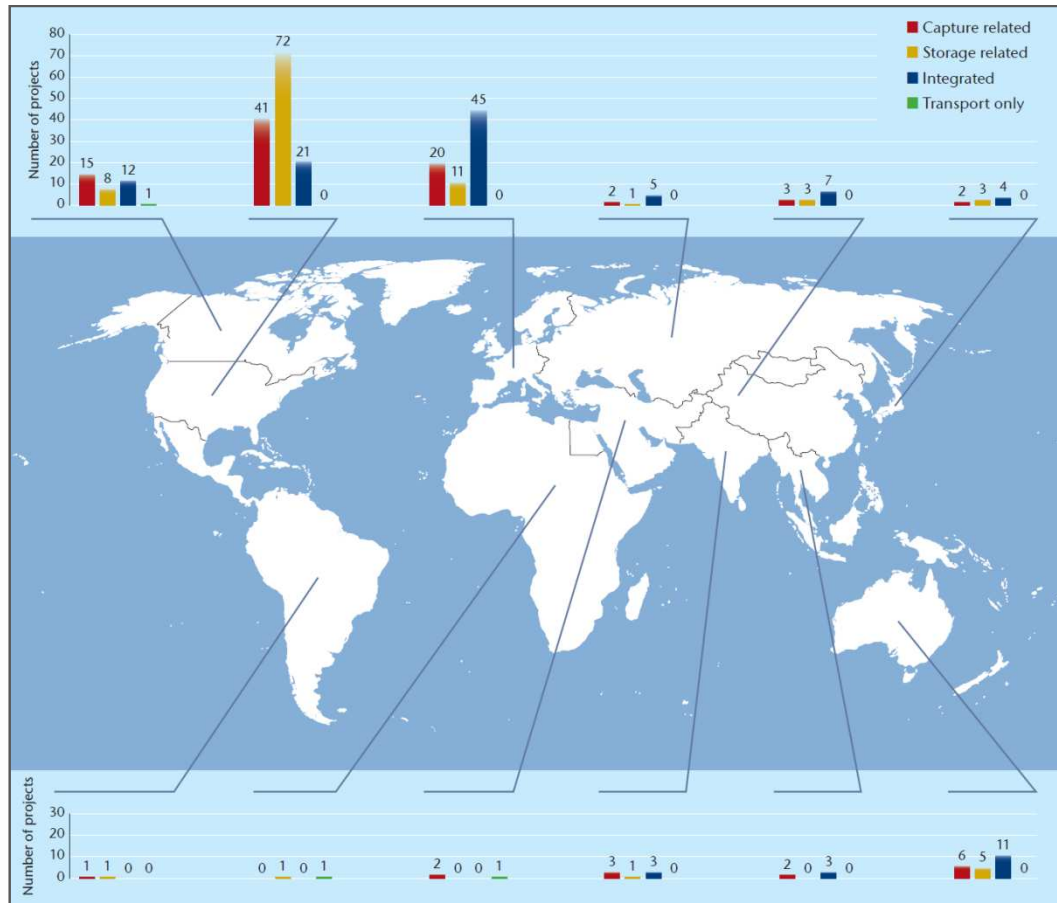
Five large-scale integrated projects are successfully storing CO₂



Technology Roadmap

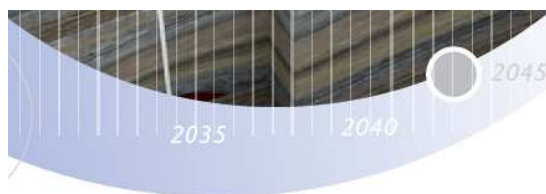
Carbon capture and storage

...with many more projects planned



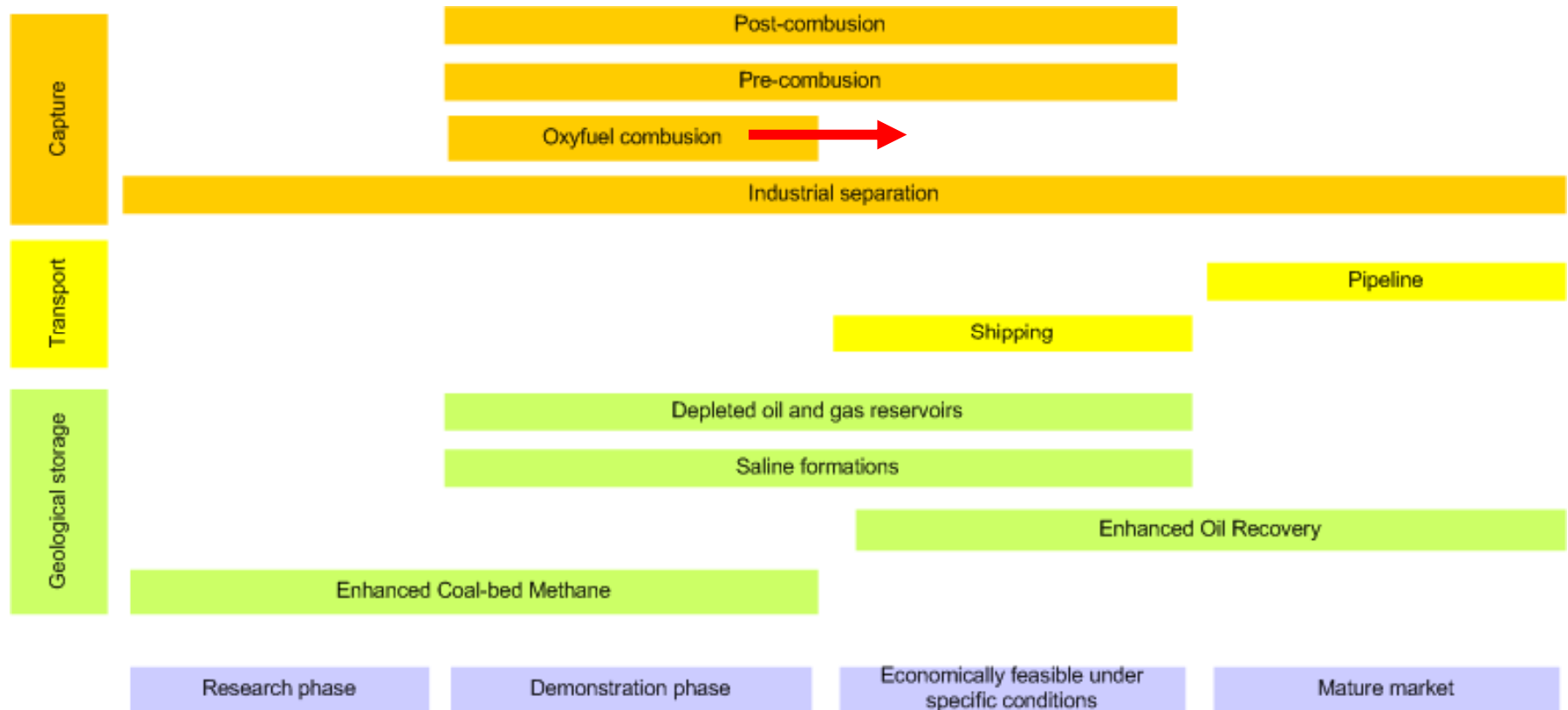
*Over 70
integrated
projects
planned*

Image courtesy GCCSI



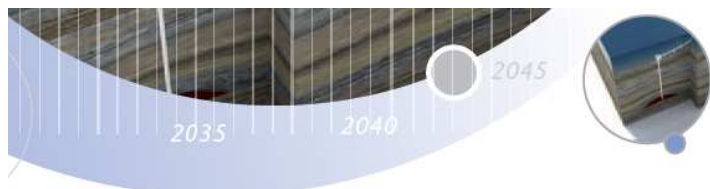
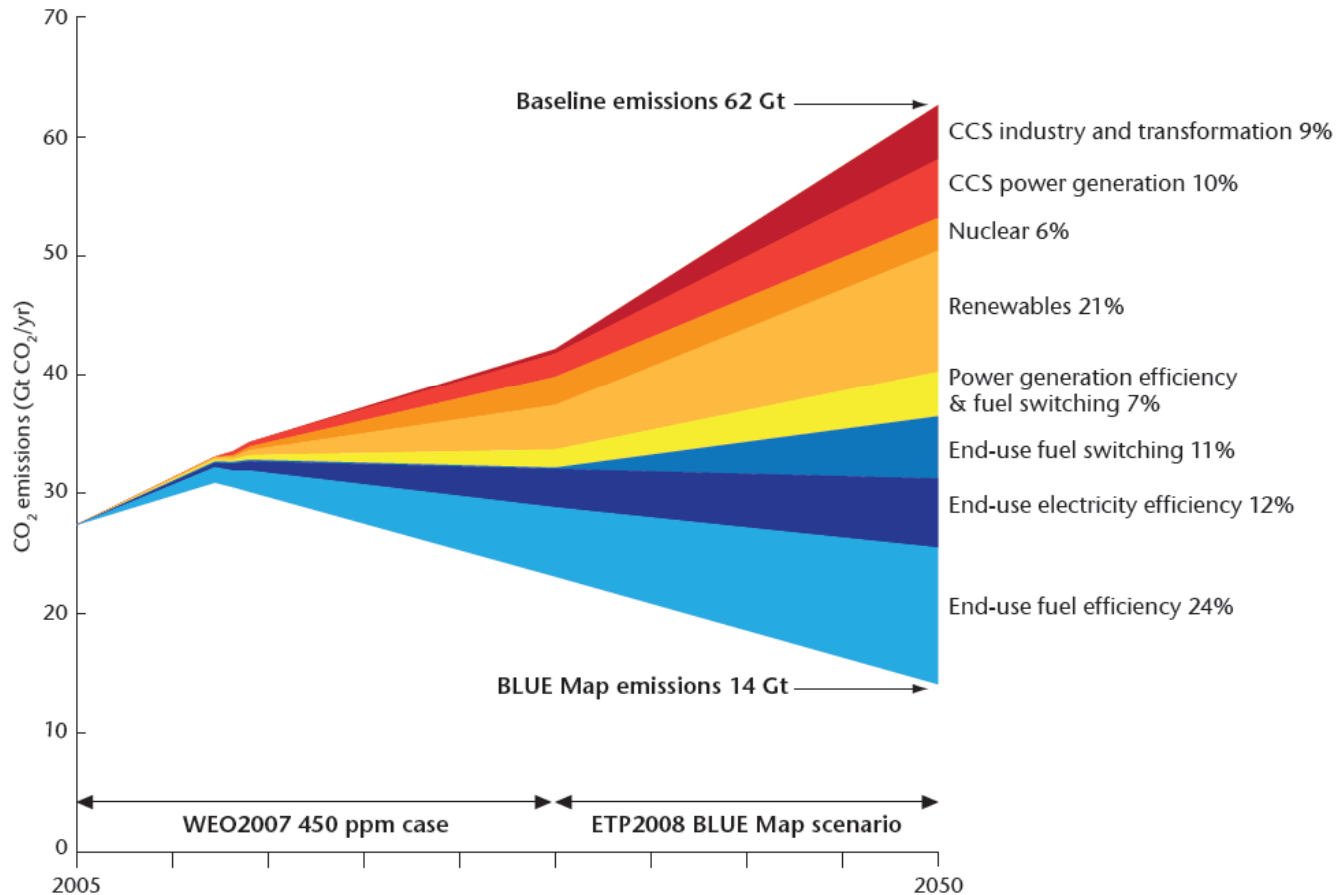
Technology Roadmap
Carbon capture and storage

CCS is many technologies with different maturities



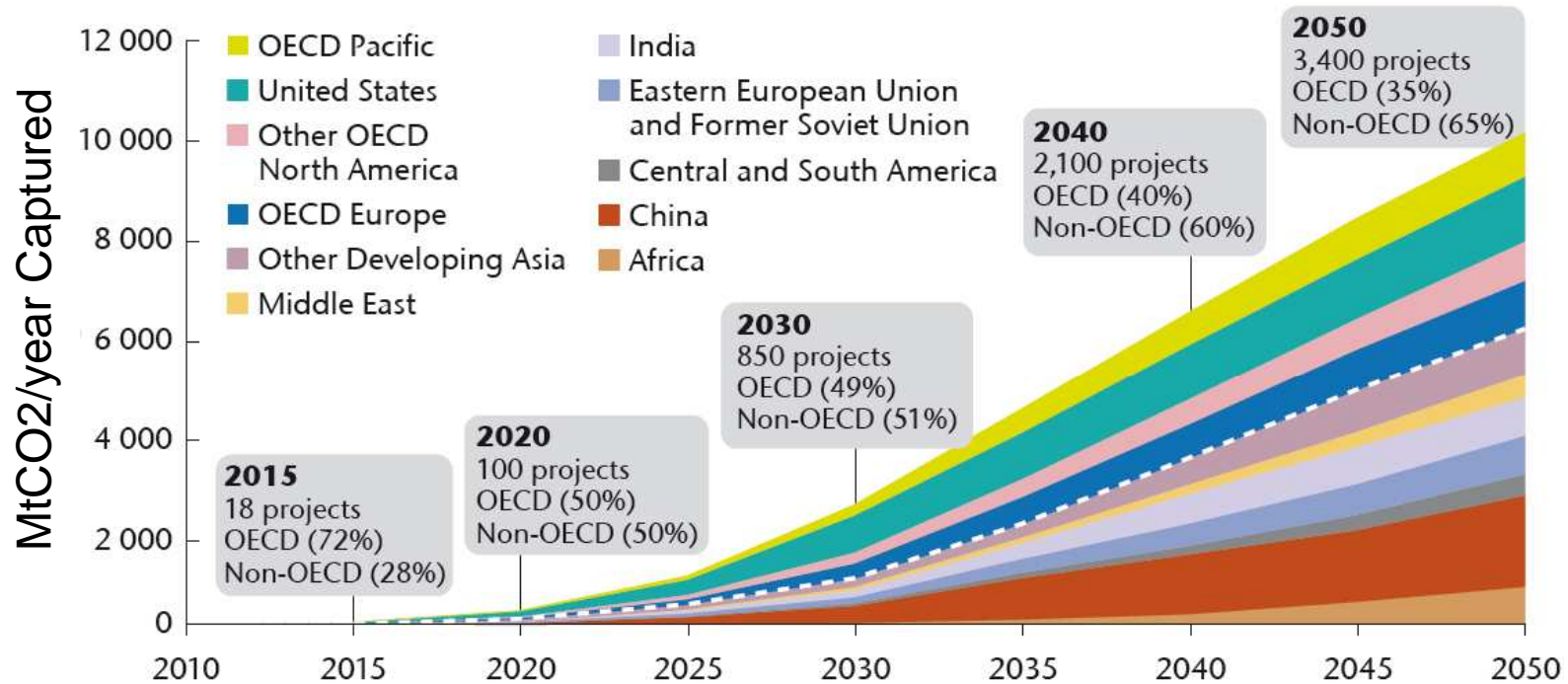
Based on IPCC Special Report on CCS, 2005

CCS could contribute 20% of global emission reduction

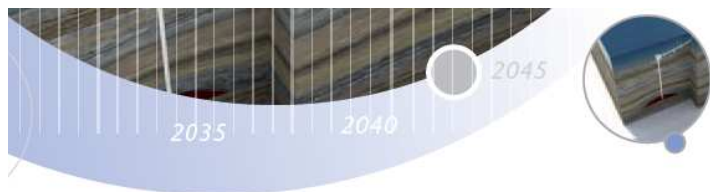


Technology Roadmap
Carbon capture and storage

But it will need to grow rapidly

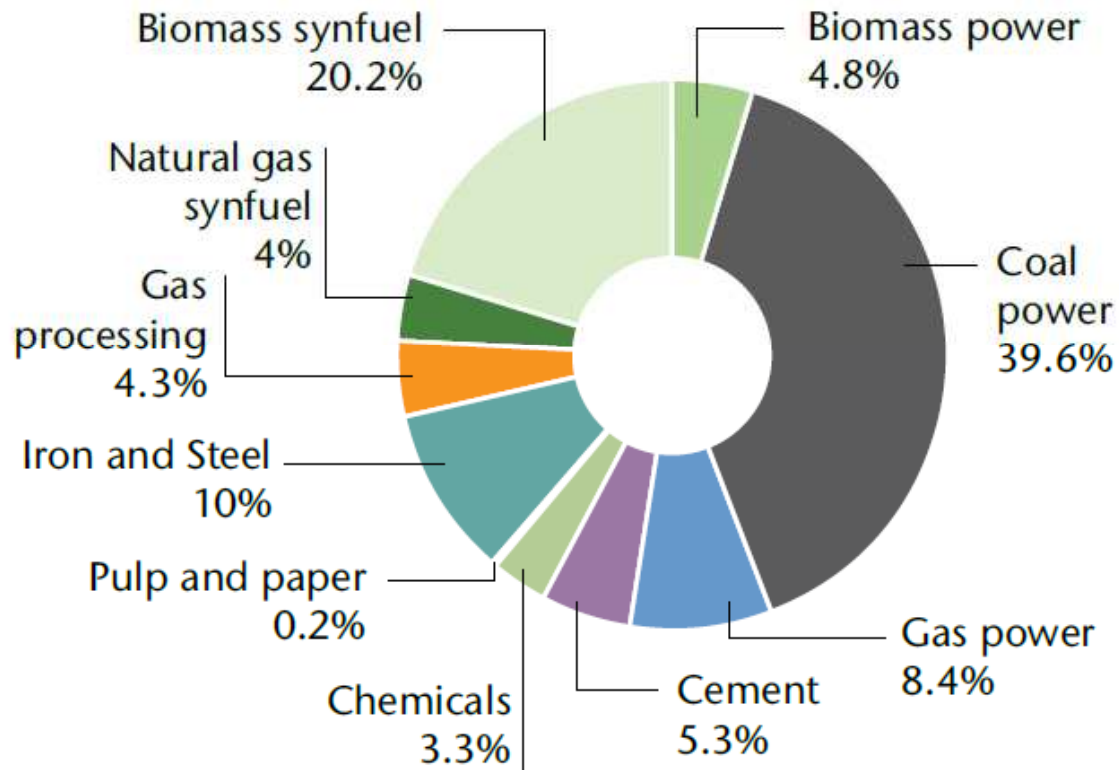


OECD regions must lead in demonstrating CCS, but the technology must quickly spread to the rest of the world

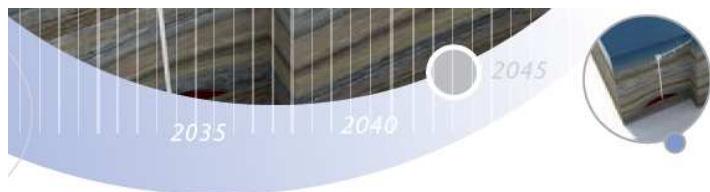


Technology Roadmap
Carbon capture and storage

CCS is not just a “clean coal”



Coal power only makes up around 40% of stored emissions in 2050



Technology Roadmap

Carbon capture and storage