



Global Perspectives on CCUS

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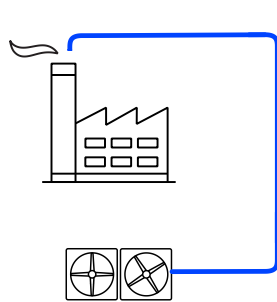
Facilitating Nigeria's Energy Transition through CCUS Deployment: Workshop

10 September 2021

Carbon capture, utilisation and storage: an overview

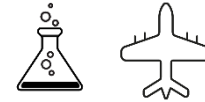
Capture

Capturing CO₂ from fossil or biomass-fuelled power stations, industrial facilities, or directly from the air.



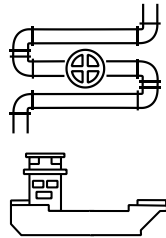
Use

Using captured CO₂ as an input or feedstock to create products or services.



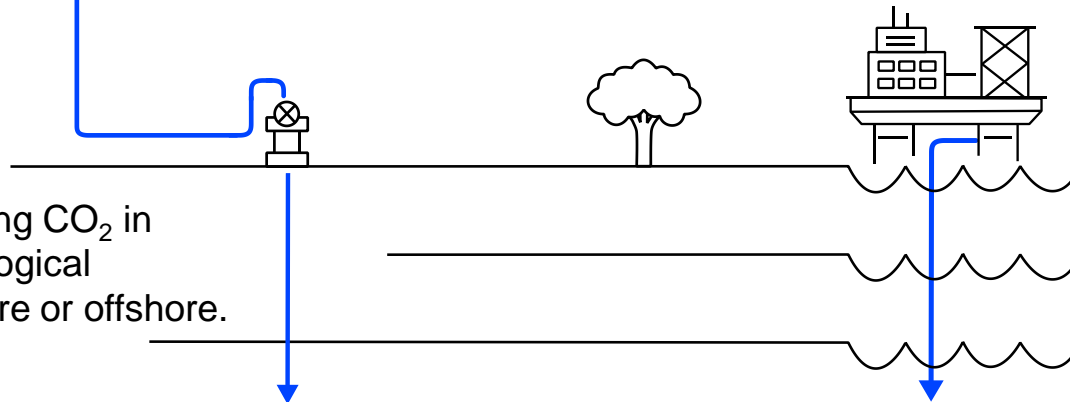
Transport

Moving compressed CO₂ by ship or pipeline from the point of capture to the point of use or storage.



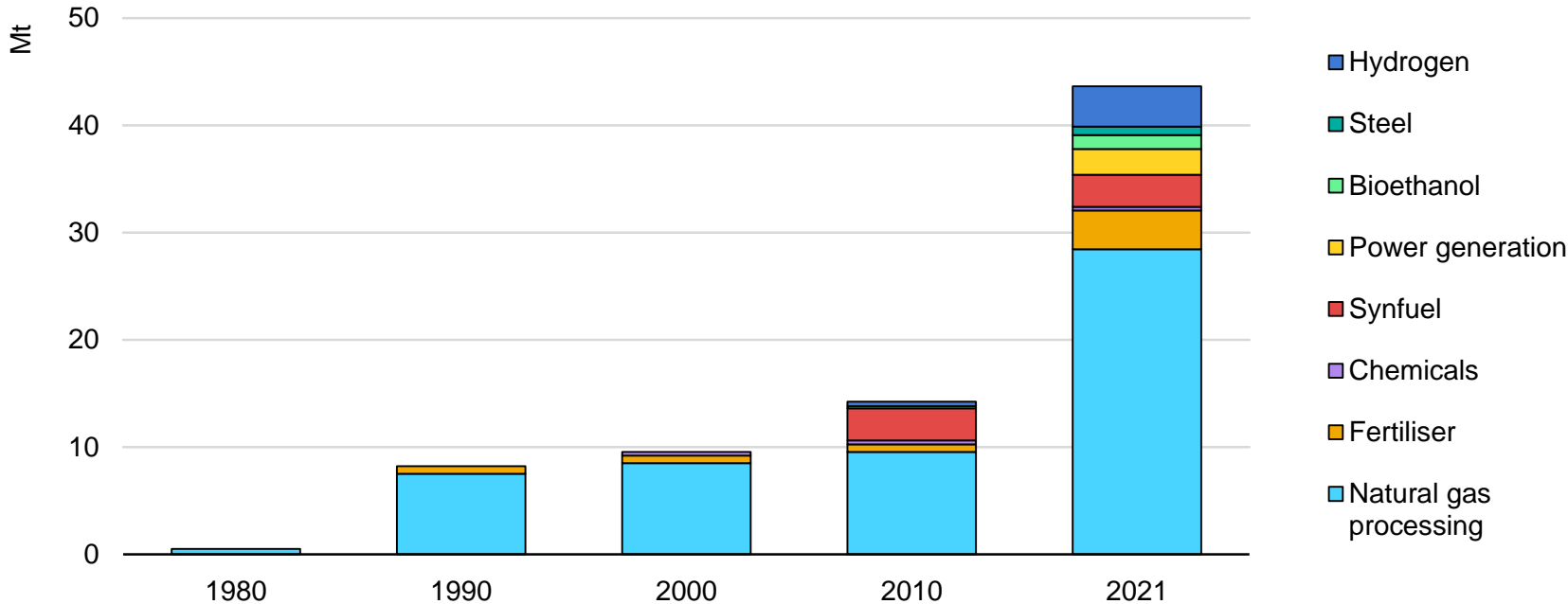
Storage

Permanently storing CO₂ in underground geological formations, onshore or offshore.



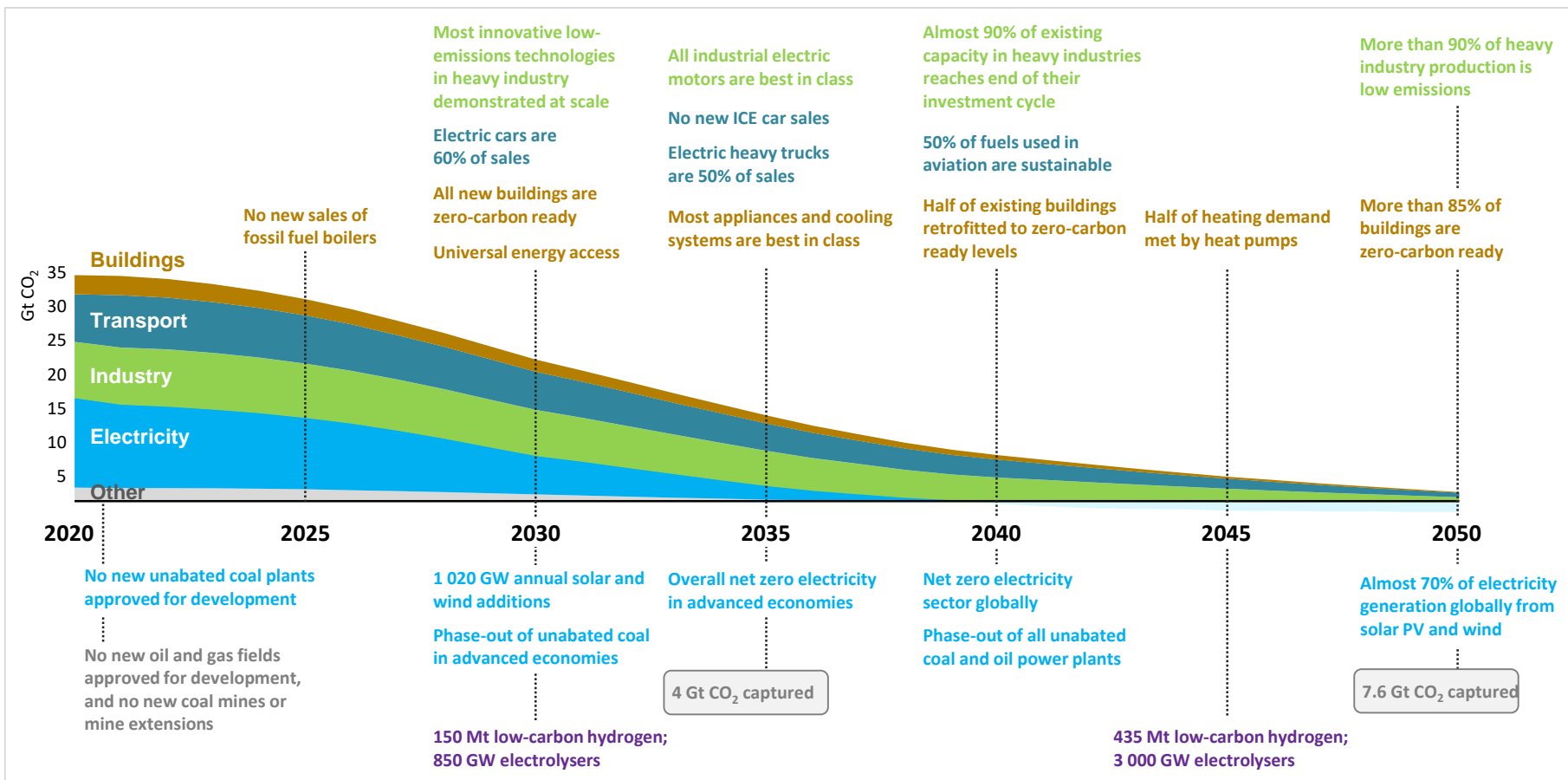
Experience with CCUS has expanded in the last decade

Global CO₂ capture capacity at large-scale facilities by source

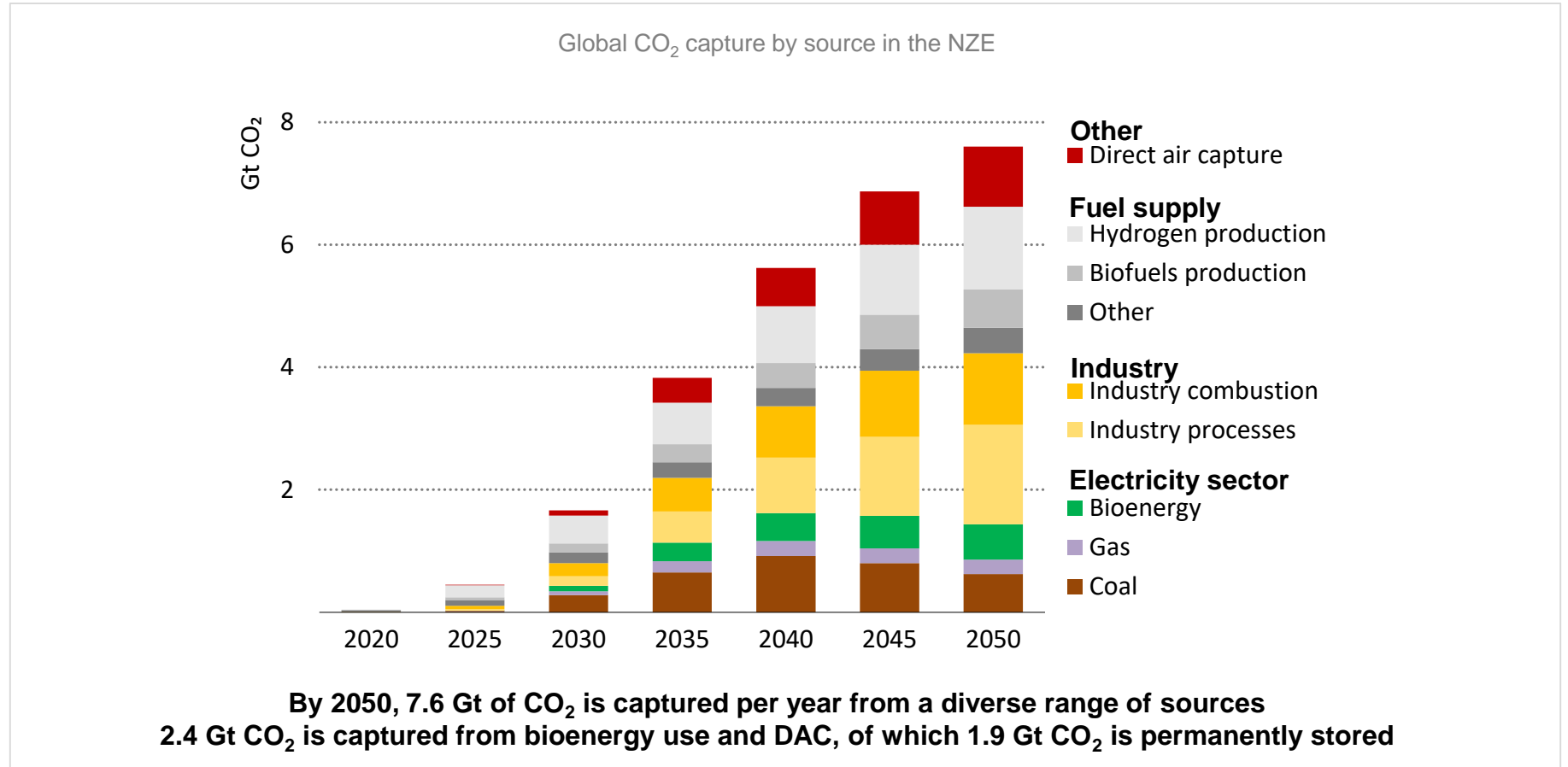


Carbon capture facilities have been operating since the 1970s, with the number and type of applications expanding in the last decade

Set near-term milestones to get on track for long-term targets



CCUS is needed to reach net-zero emissions



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