



Fabian Levihn

Stockholm Exergi har
två ägare (50 % vardera)



Stockholms
stad

— och —

Ankhiale,
som ägs av följande företag:

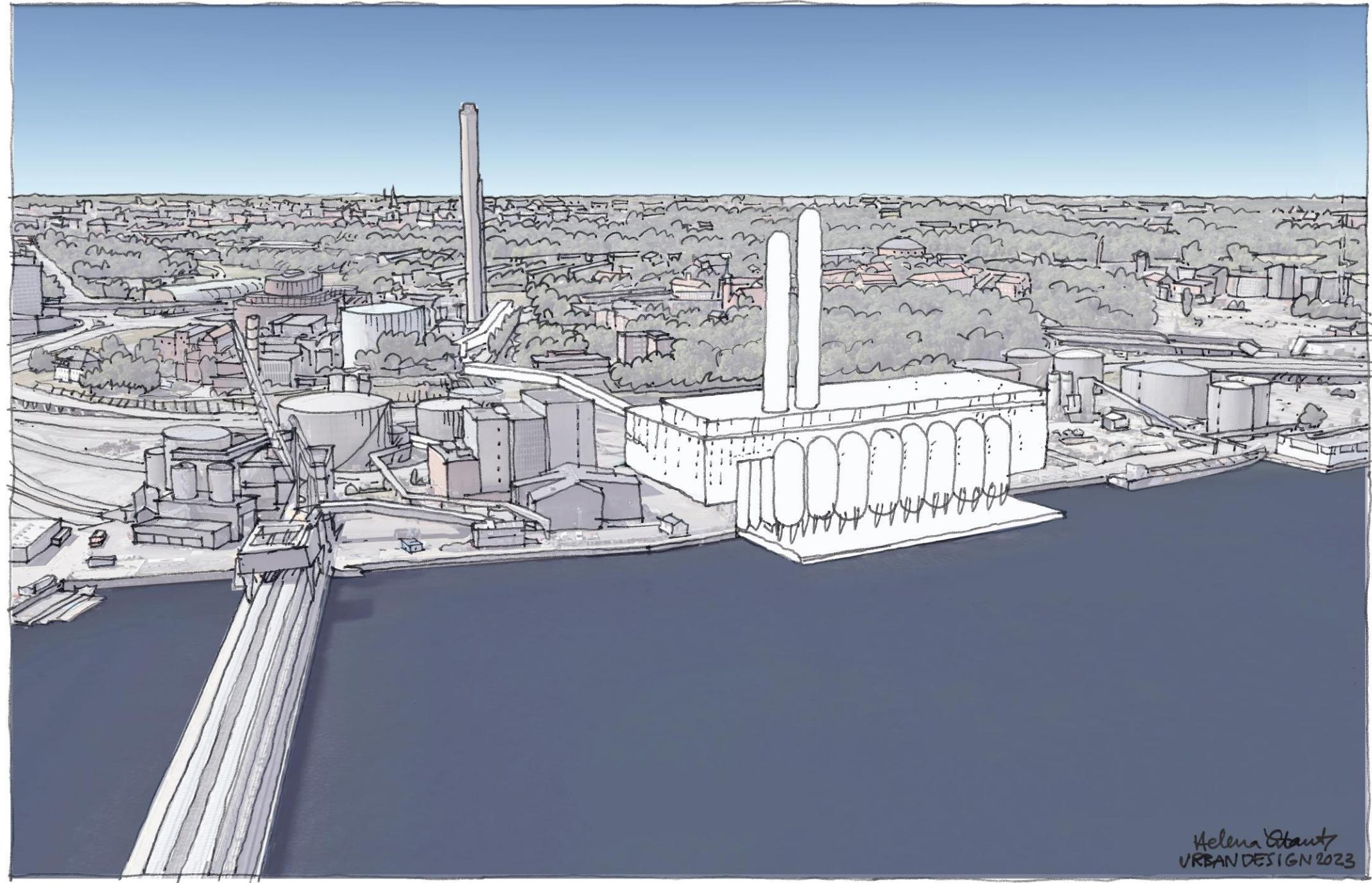
alecta

apg

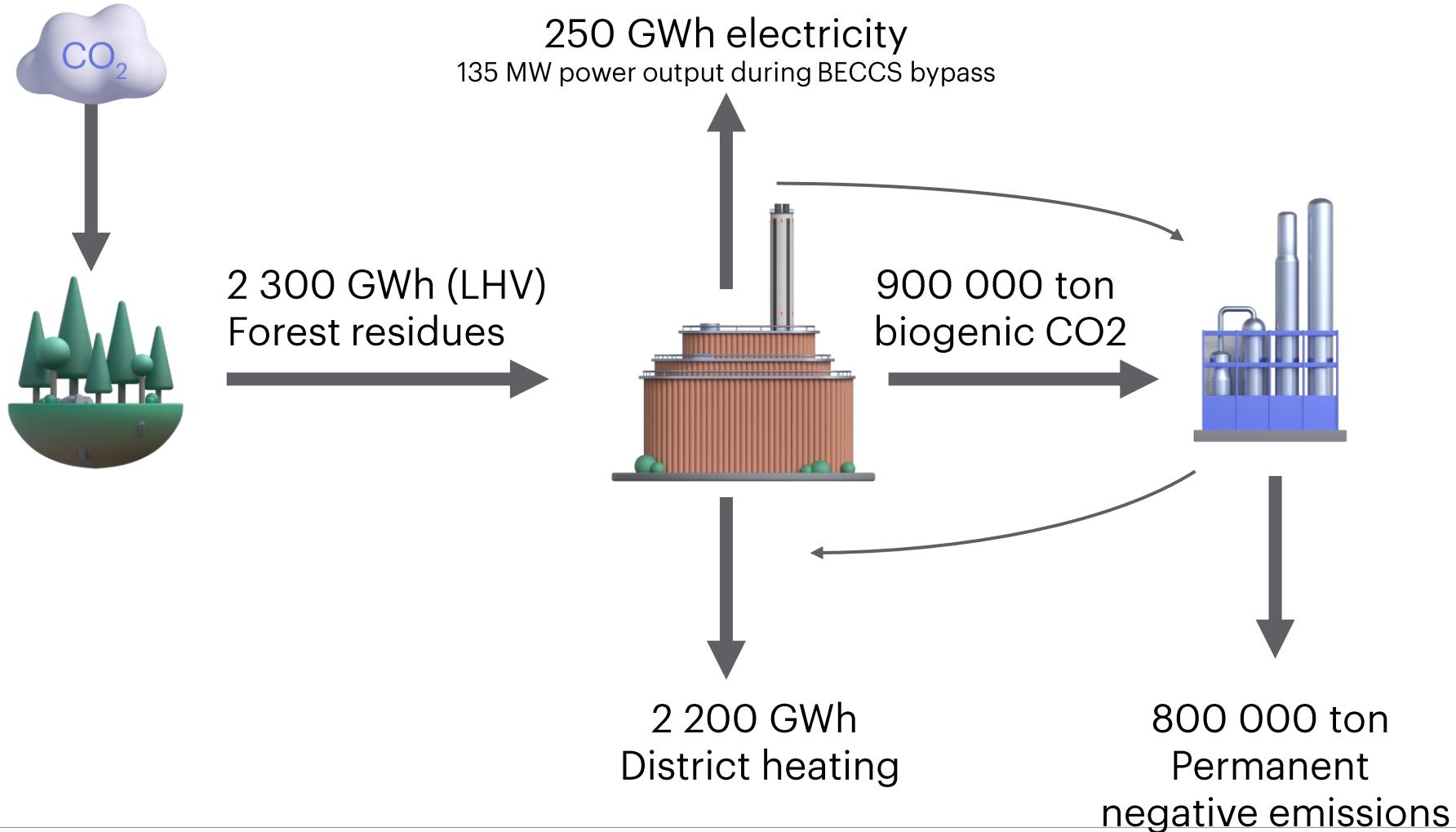
KE
VA

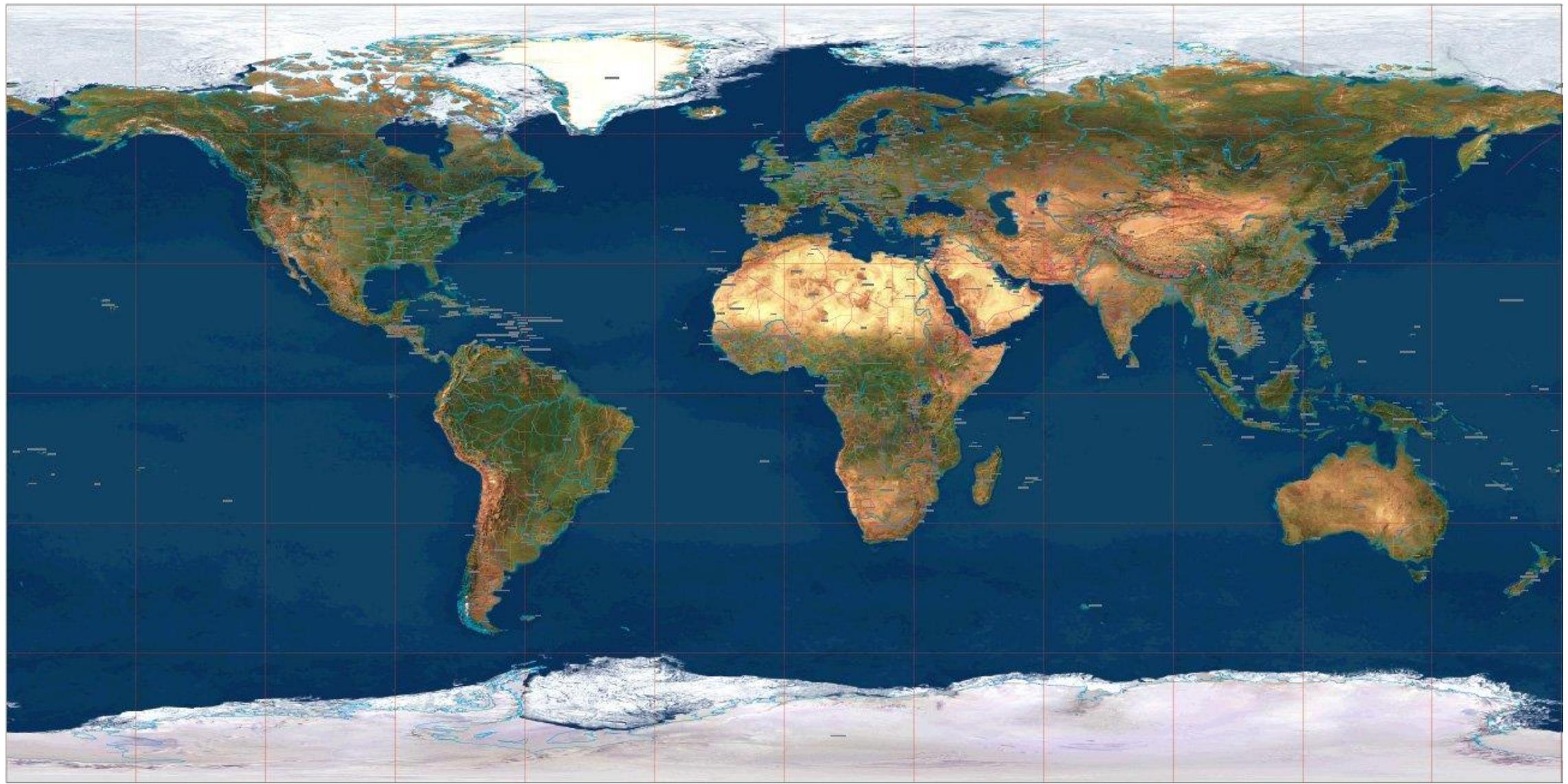
PGGM

AXA



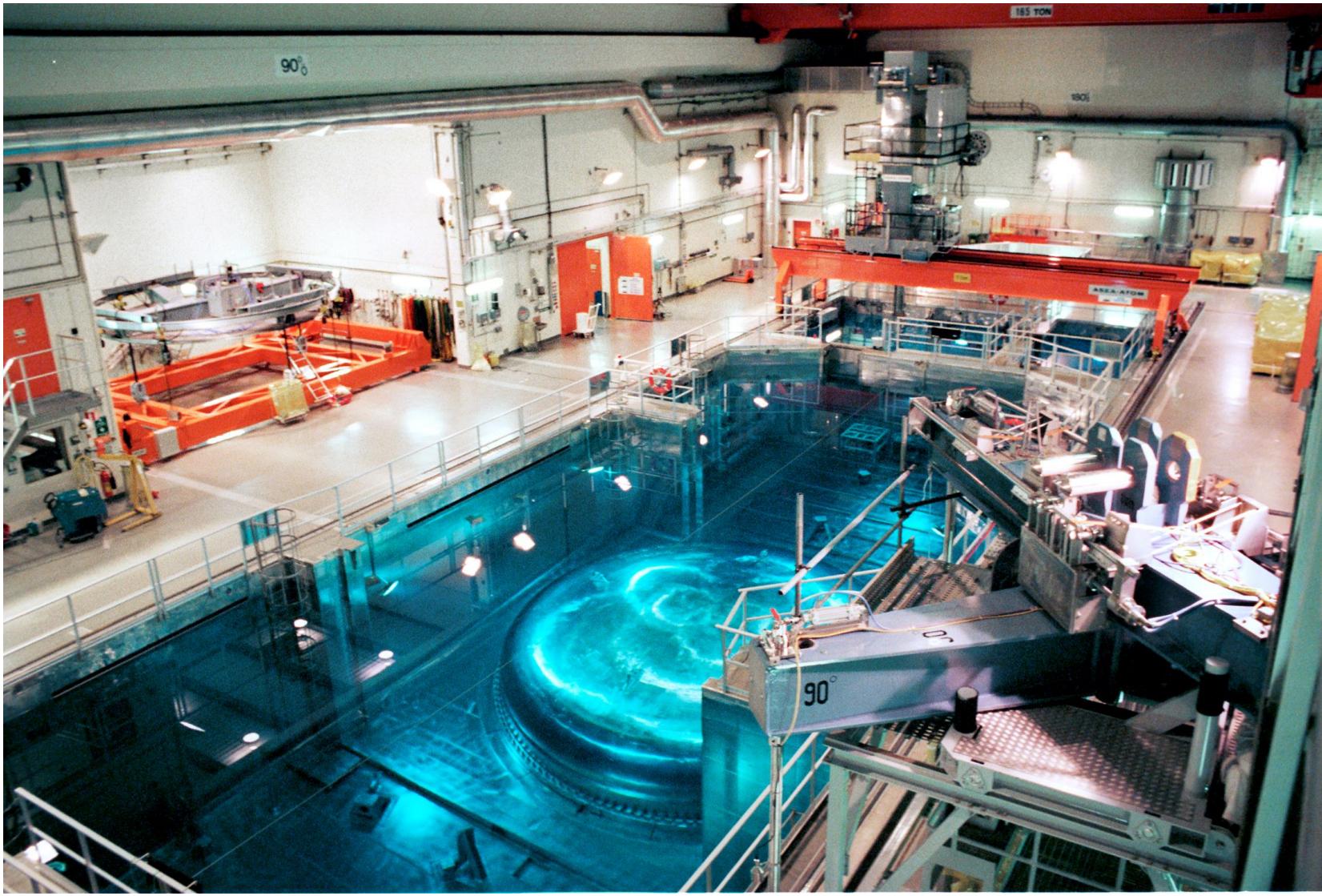
Helena Obantz
URBAN DESIGN 2023





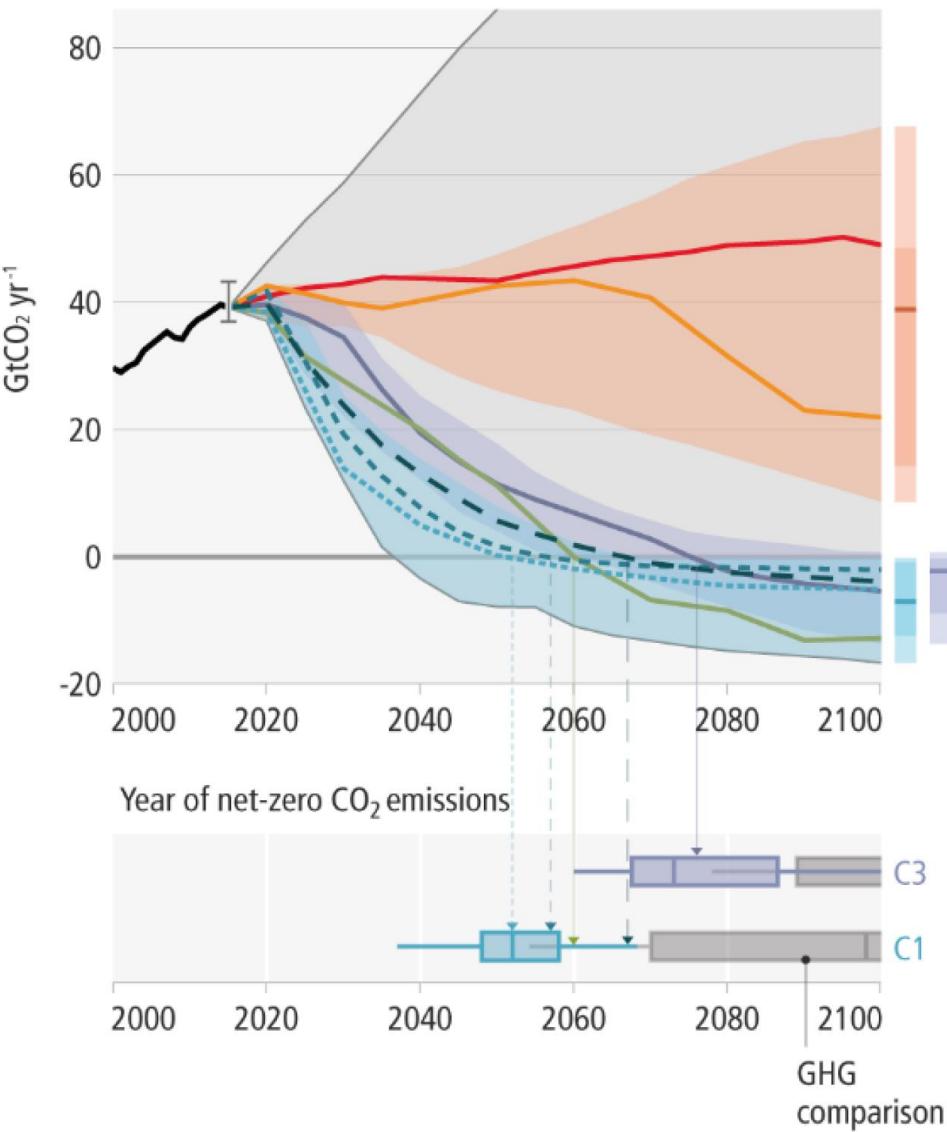








b. Net global CO₂ emissions



BECCS in IPCC AR6

As a median value (5–95% range) across the scenarios likely limiting warming to 2°C or lower, cumulative volumes of BECCS, net CO₂ removal on managed land (including A/R), and DACCS reach 328 (168–763) GtCO₂, 252 (20–418) GtCO₂, and 29 (0–339) GtCO₂ for the 2020–2100 period, with annual volumes at 2.75 (0.52–9.45) GtCO₂ yr⁻¹ for BECCS and 2.98 (0.23–6.38) GtCO₂ yr⁻¹ for the net CO₂ removal on managed land (including A/R), and 0.02 (0–1.74) GtCO₂ yr⁻¹ for DACCS, in 2050. {12.3, Cross-Chapter Box 8 in this chapter}

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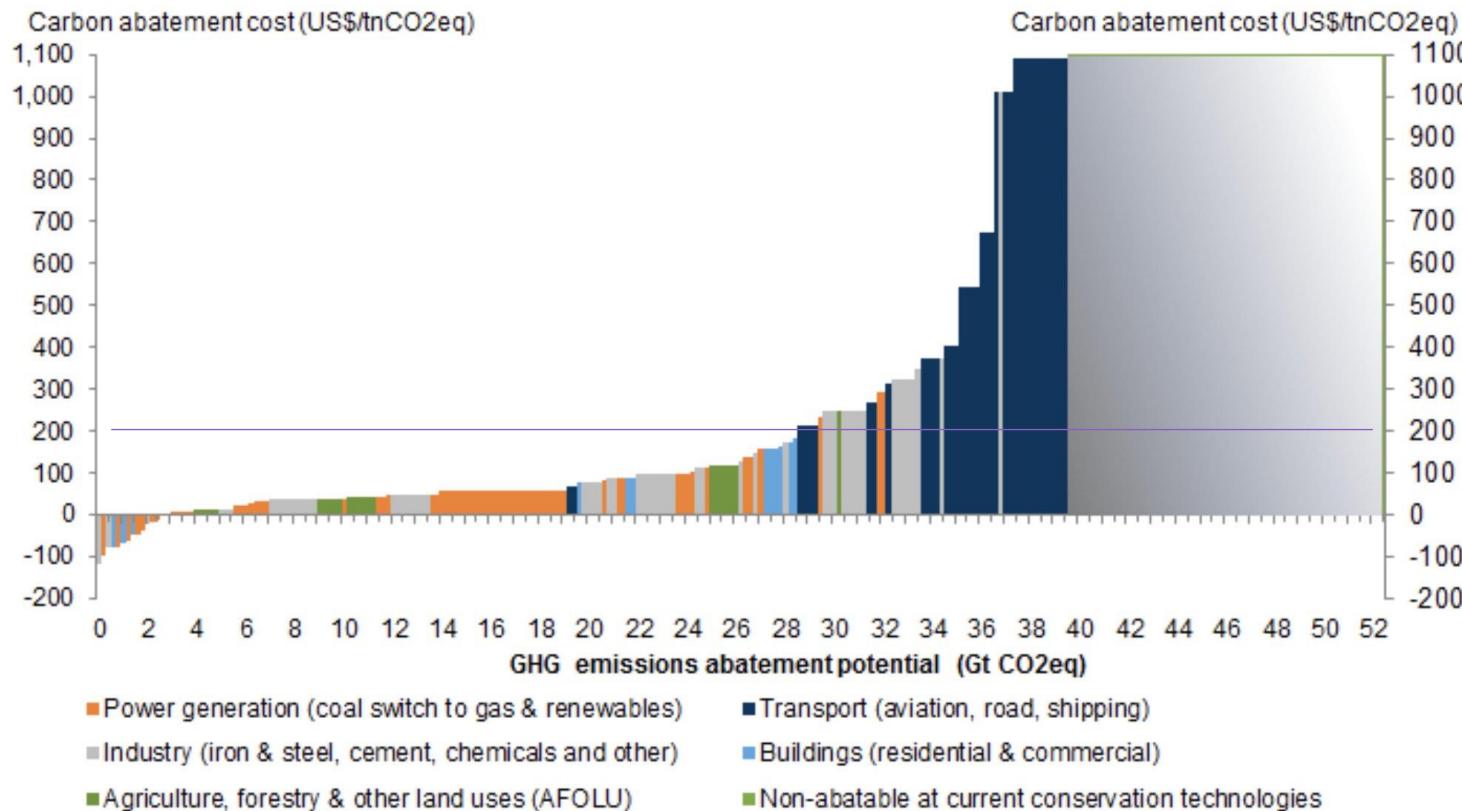
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Global cost curve for reducing GHGs

The Economist feb 2021

Exhibit 7: The Cost Curve of Decarbonization Shows Many Low-Cost Investment Opportunities, but Quickly Becomes Steep



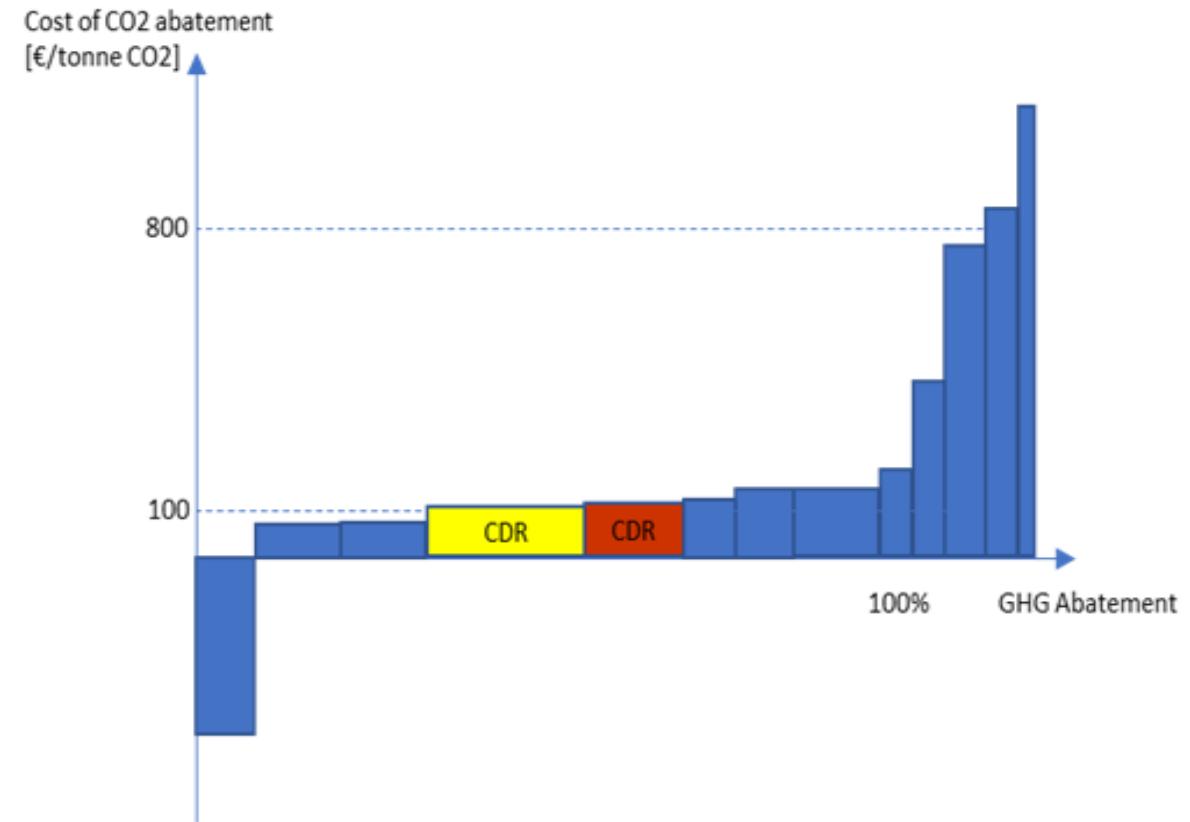
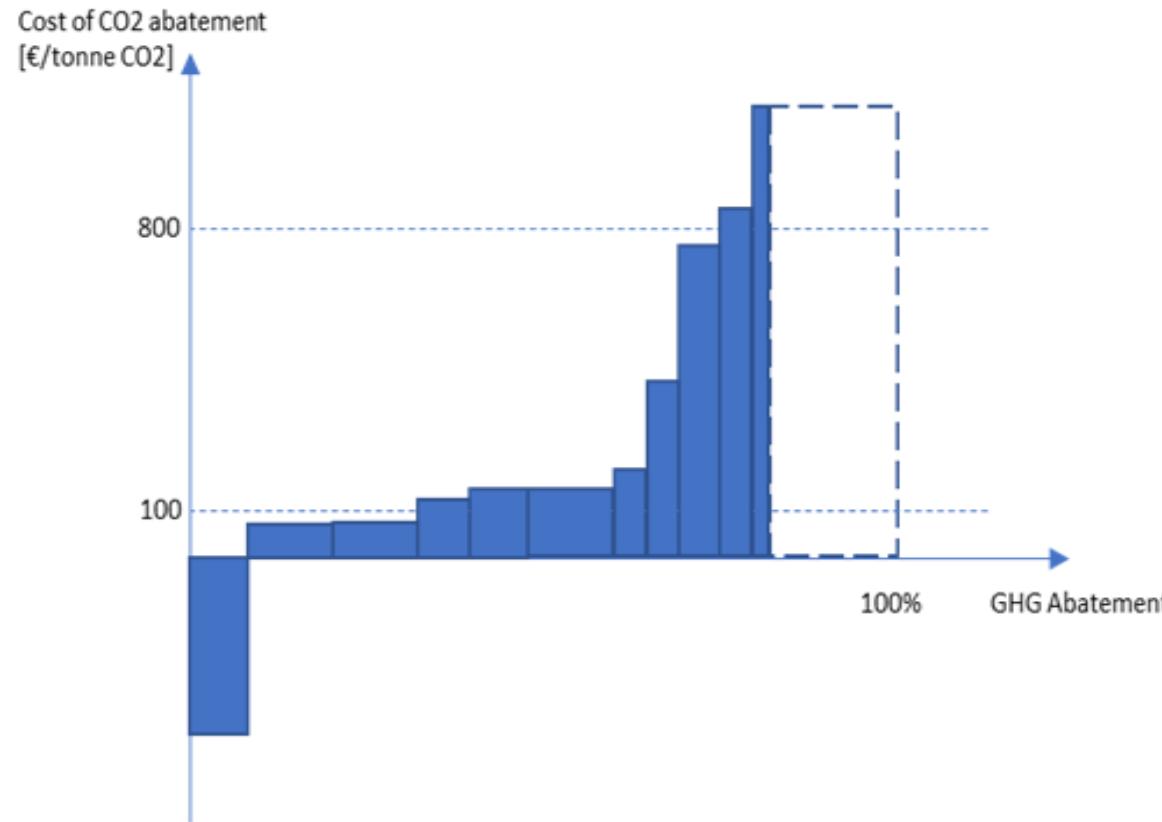
Source: Goldman Sachs Global Investment Research

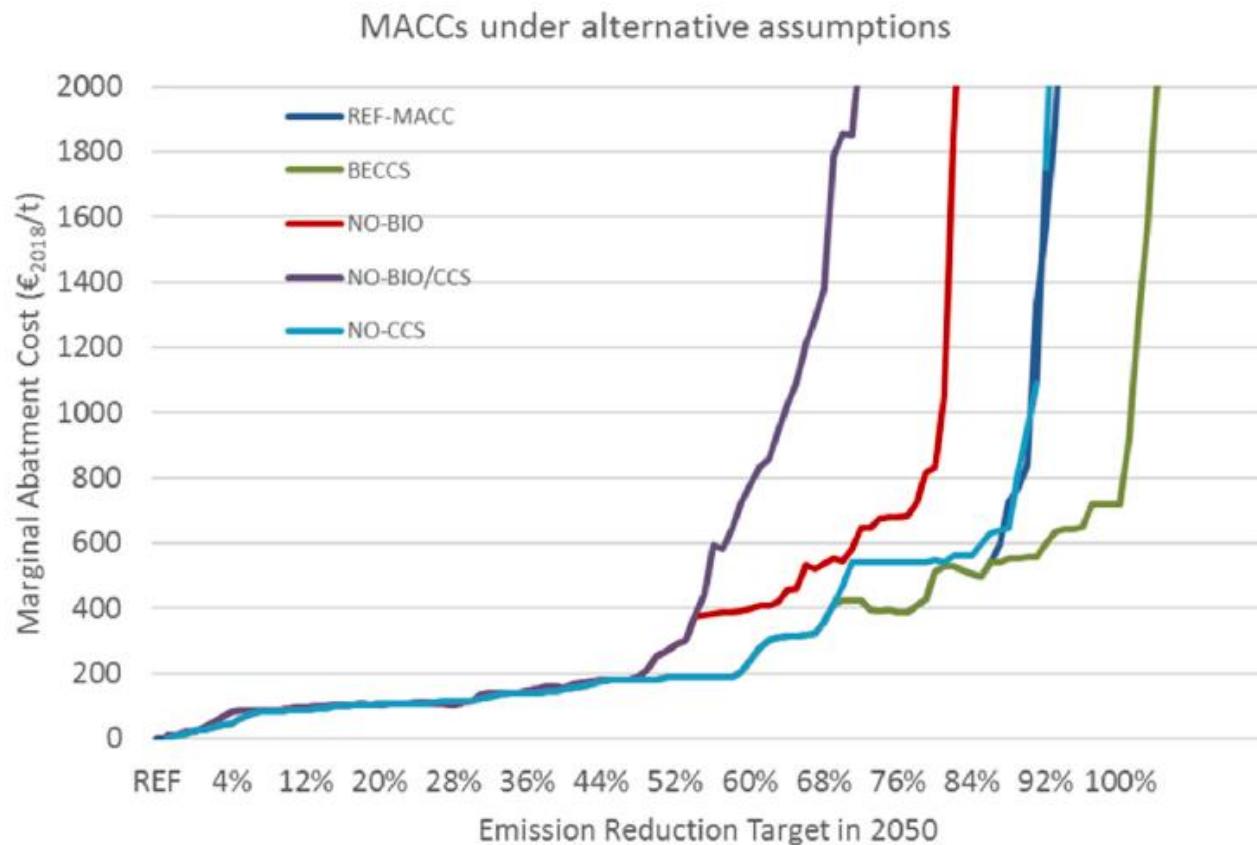
The last 20% of global GHG abatement cost > \$ 800 / tonne or lack alternatives for reduction altogether.

Provides a fundamental demand for CDR

Example: CDR at \$ 200 / tonne reduce cost of reaching abatement target by \$ 600 /tonne

CDR reduce the cost of reaching net zero (schematic)

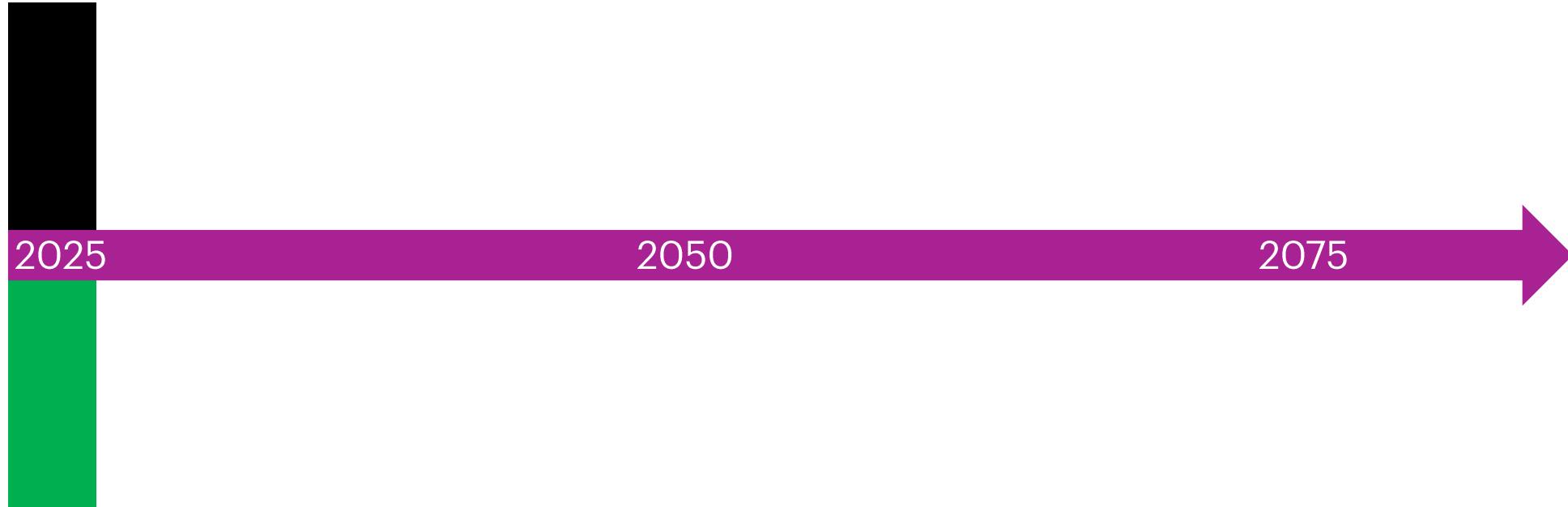




Source: Yue et al 2020, Applied Energy

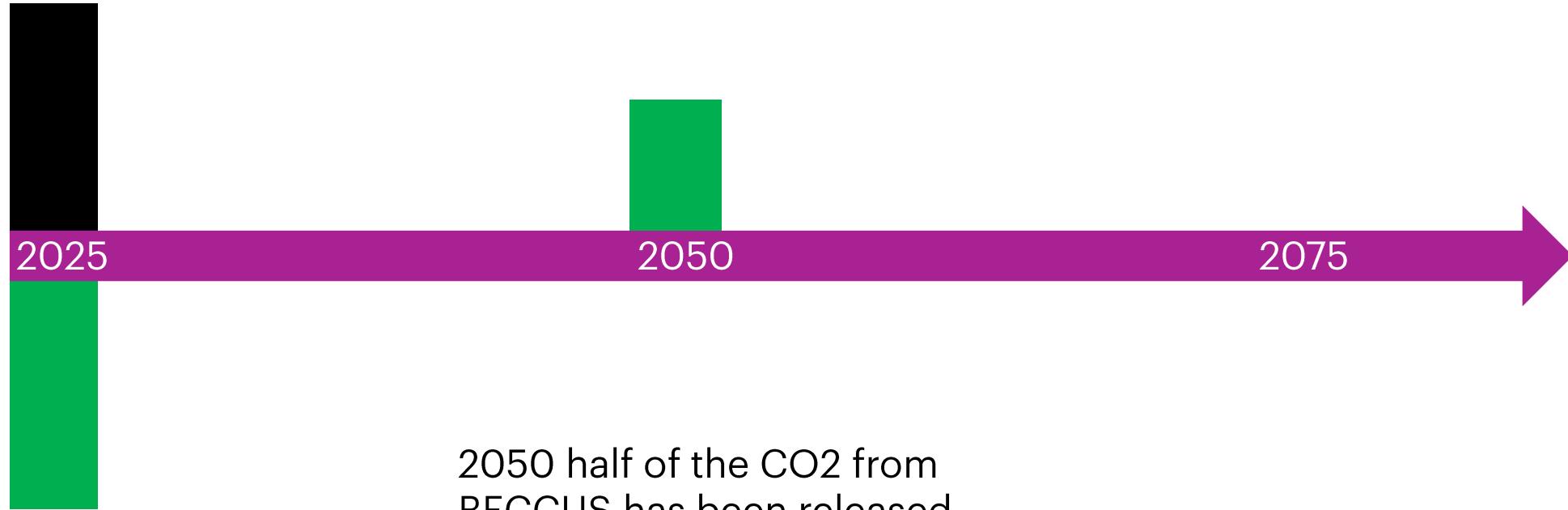
Why is performance important?

BECCUS 25 year halftime

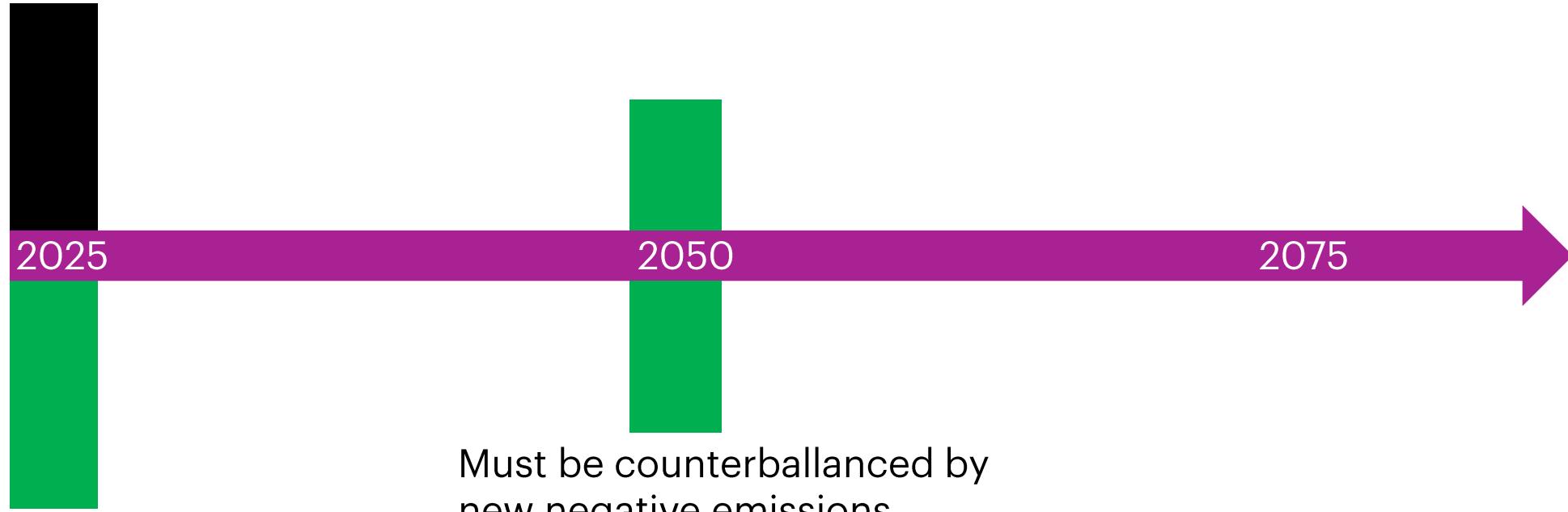


2025 non permanent BECCUS
is used to counterbalance
fossile CO₂

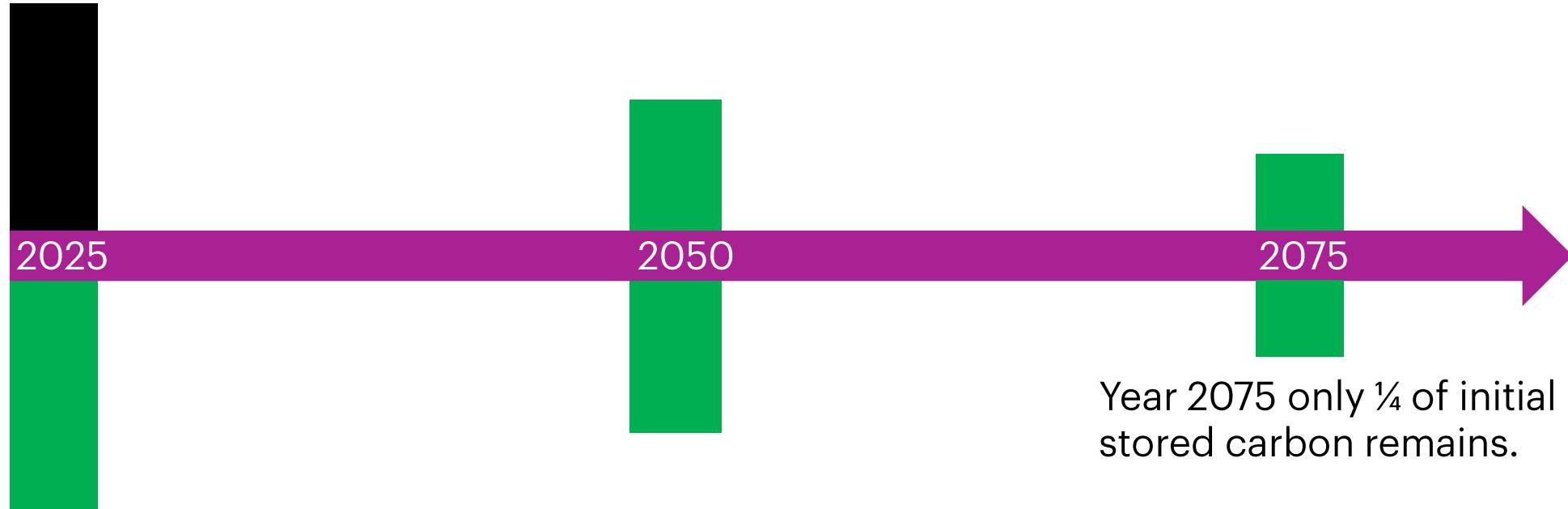
BECCUS 25 year halftime



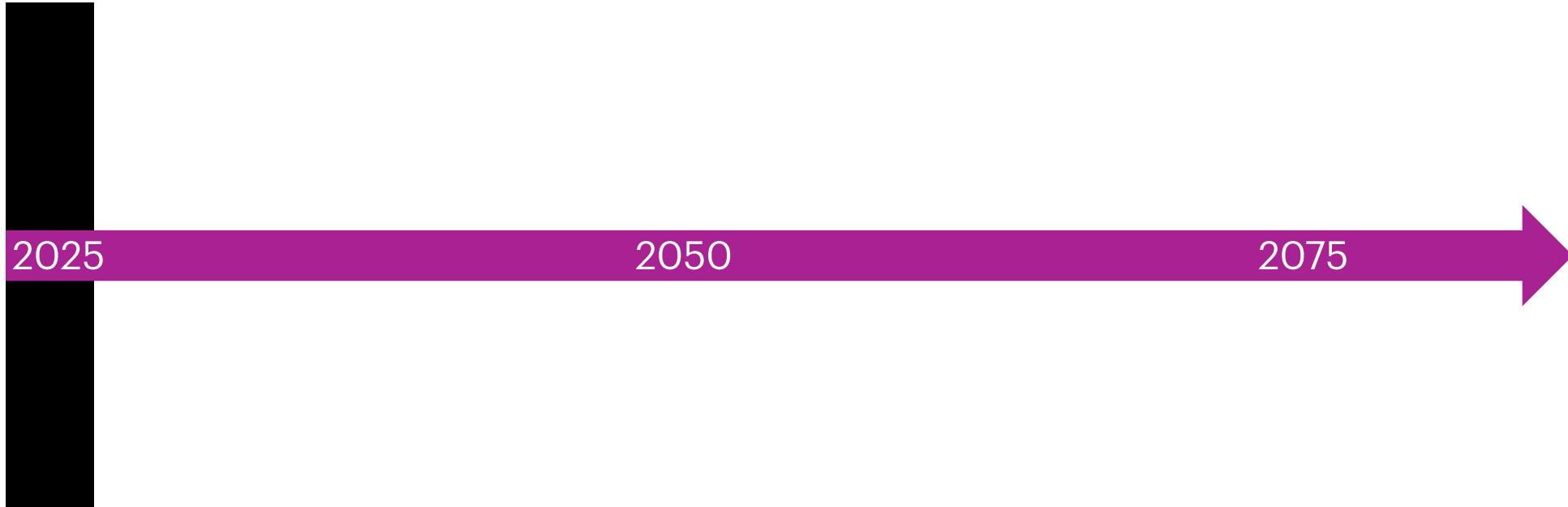
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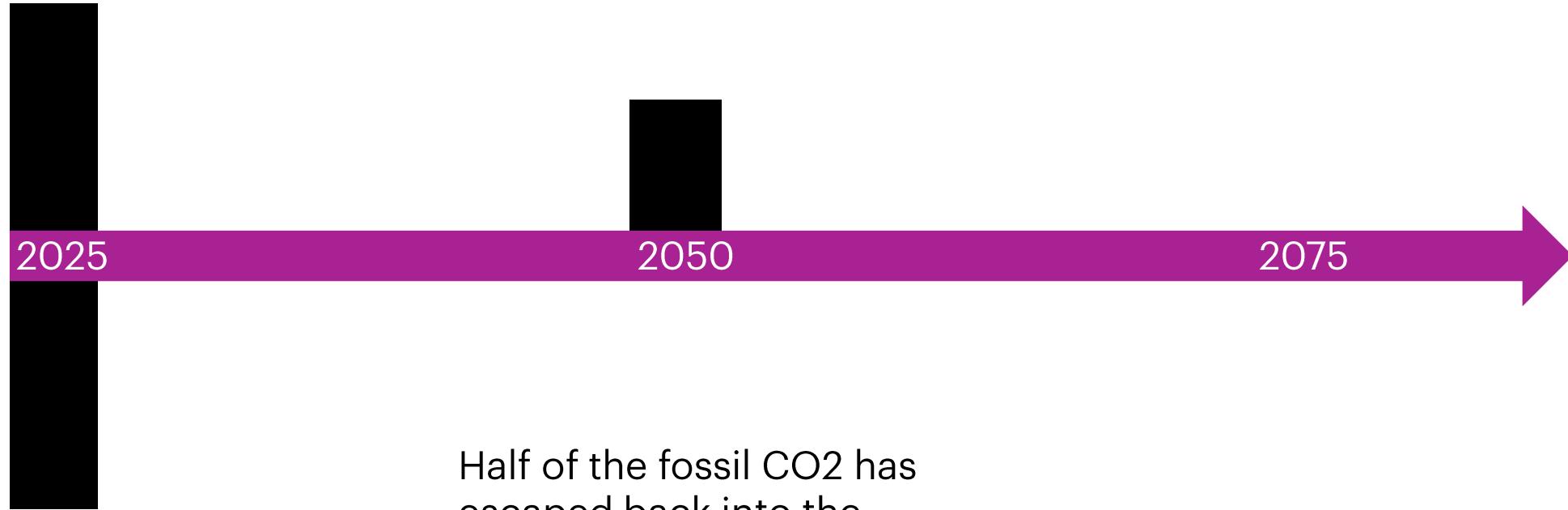


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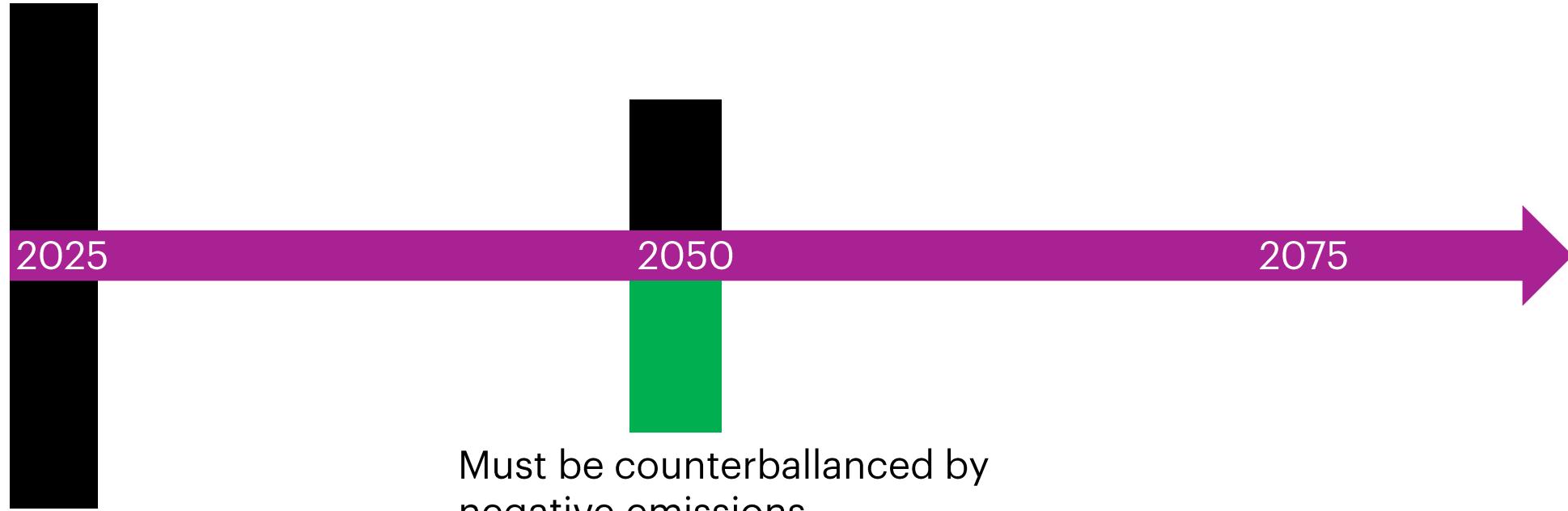


Fossil CO₂ is used in non
permanent CCUS application

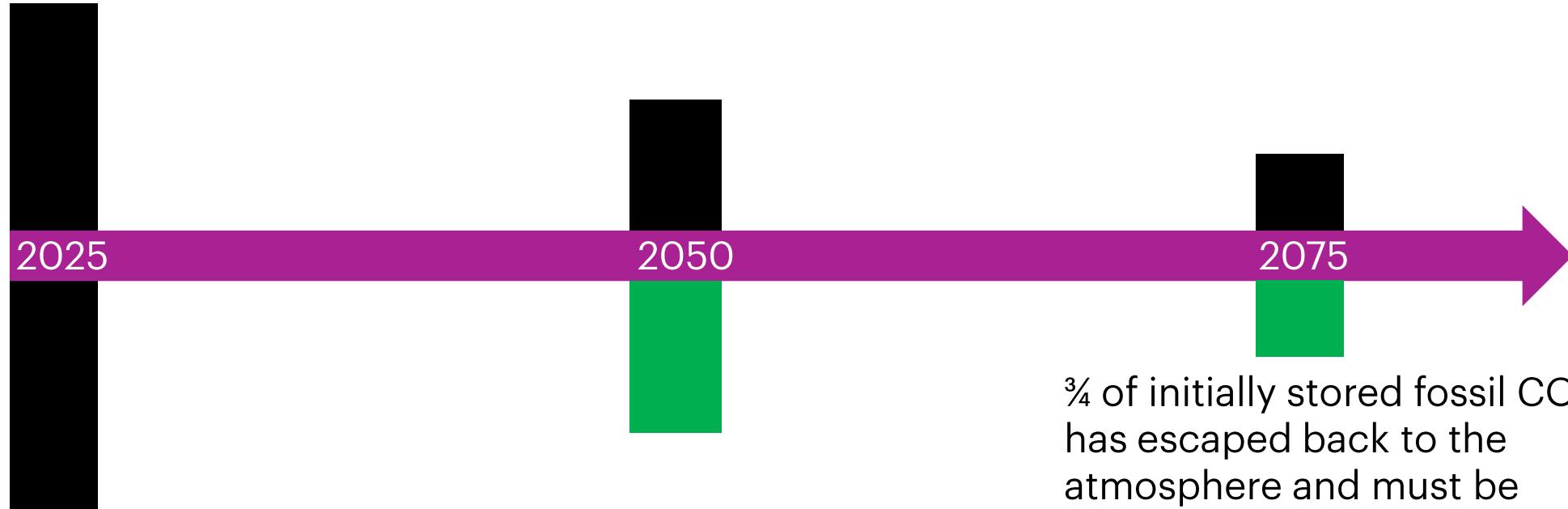
BECCUS 25 year halftime



BECCUS 25 year halftime



BECCUS 25 year halftime



Sammanfattning

- Substitution av fossilt grundläggande för klimatomställningen
- Fossil CCU problematiskt om ej permanent lagring
- Bio baserad CCU bra, men om ej permanent minskar värdet av "kolsänkan"

