

Hva er karbonbudsjettet og hvordan brukes det?

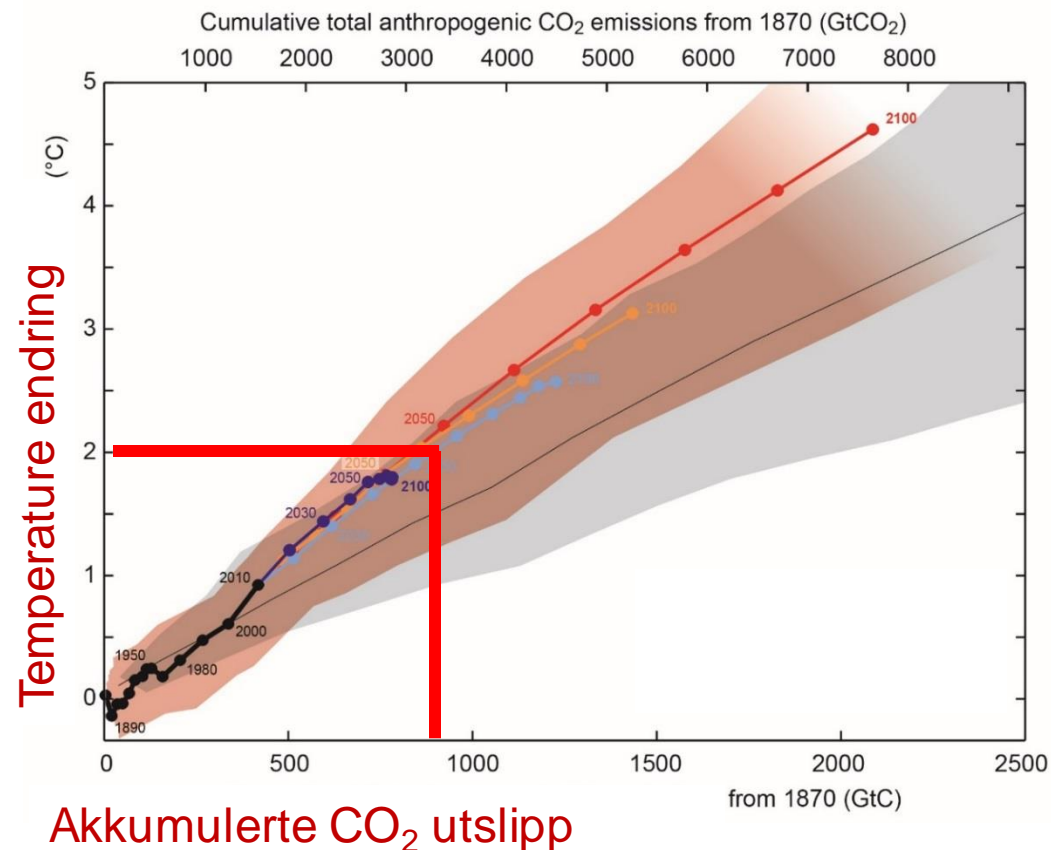
Jan Fuglestad
Vice Chair Working Group I
Pressebrief, 16. juni, 2021

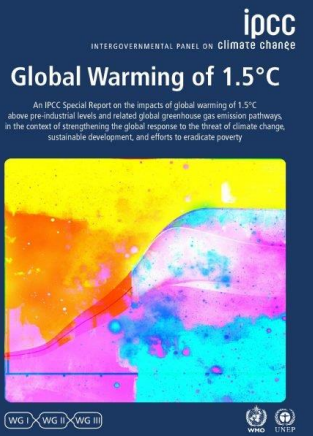
ipcc
INTERGOVERNMENTAL PANEL ON **climate change**



The Carbon budget

“Cumulative emissions of carbon dioxide largely determine global mean surface warming by the late 21st century...”

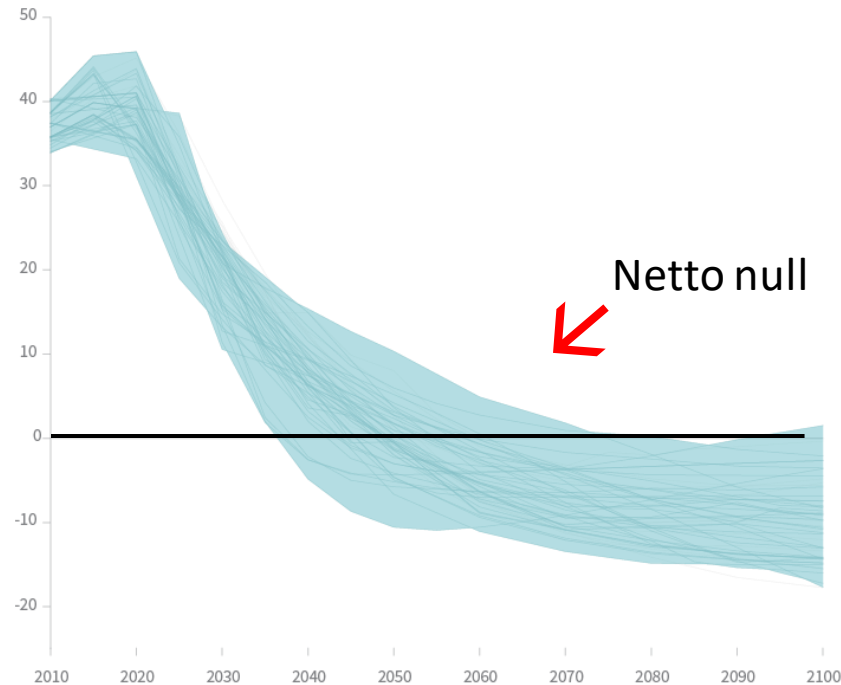




Global emissions pathway characteristics

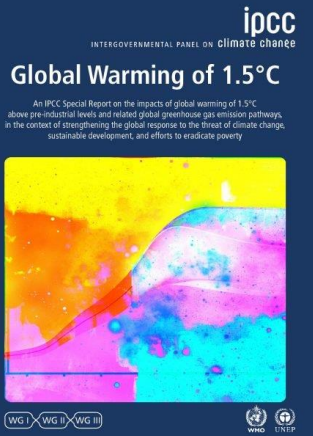
Global total net CO₂ emissions

Billion tonnes of CO₂/yr



Timing of net zero CO₂
Line widths depict the 5-95th
percentile and the 25-75th
percentile of scenarios

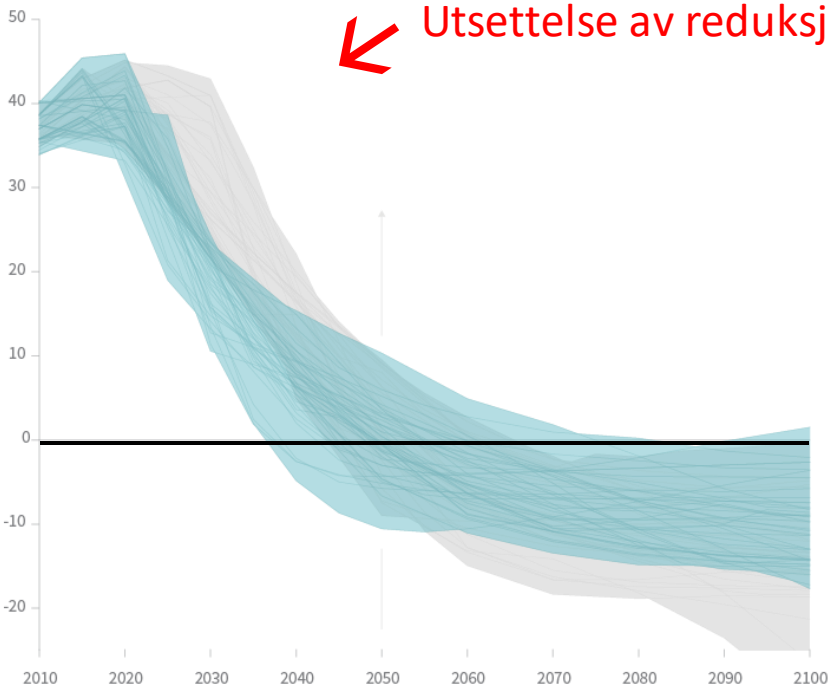
Pathways limiting global warming to 1.5°C with no or low overshoot



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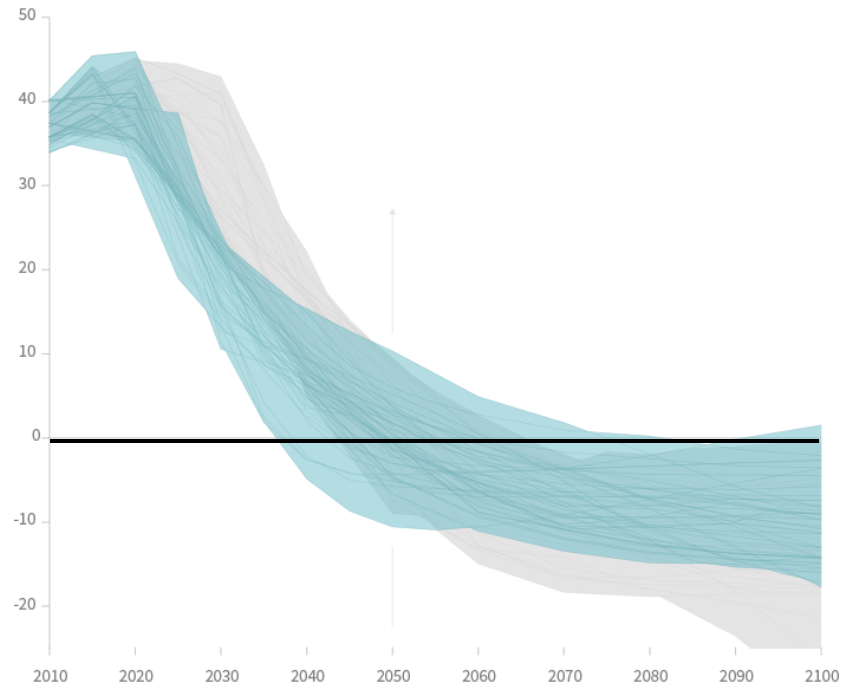
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Global emissions pathway characteristics

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Pathways limiting global warming to 1.5°C with no or low overshoot

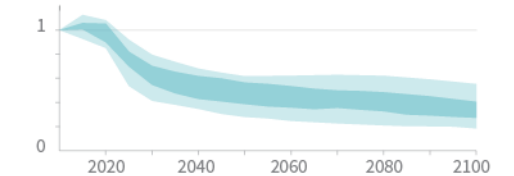
Pathways with high overshoot

Pathways limiting global warming below 2°C
(Not shown above)

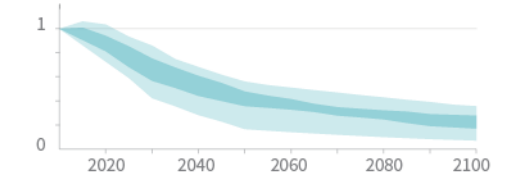
Non-CO₂ emissions relative to 2010

Emissions of non-CO₂ forcers are also reduced or limited in pathways limiting global warming to 1.5°C with **no or limited overshoot**, but they do not reach zero globally.

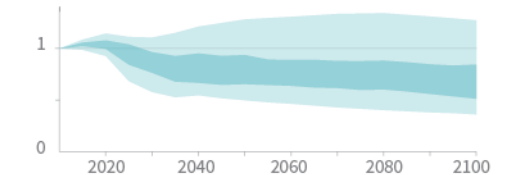
Methane emissions



Black carbon emissions



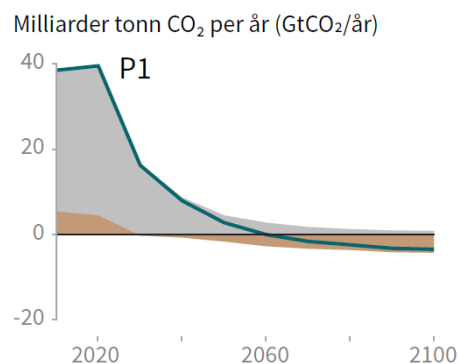
Nitrous oxide emissions



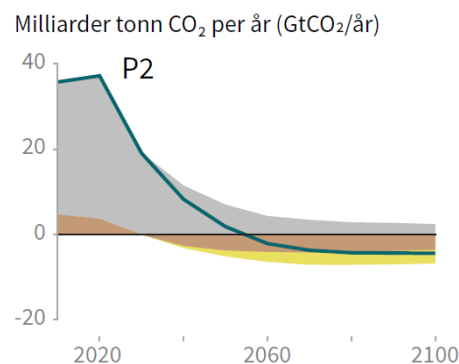


Fire illustrerende utslippsbaner i tråd med 1.5 °C

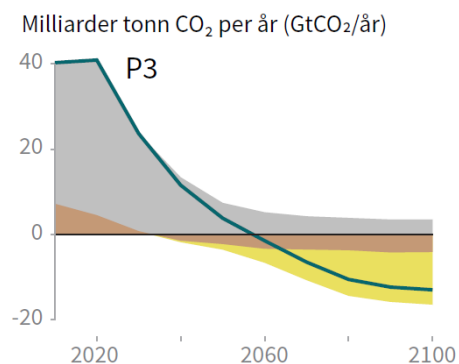
- Fossile brensler og industri
- Jordbruk, skog og annen arealbruk
- Bioenergi med karbonfangst og lagring



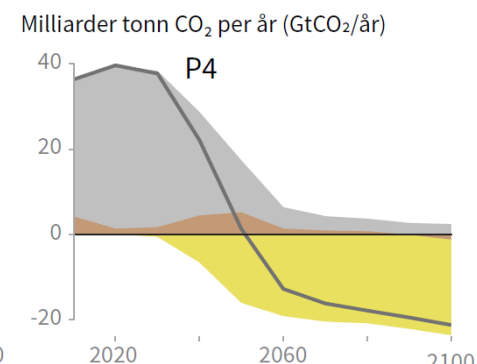
**Lav energi
etterspørsel**



**Fokus på
bærekraft**



**«Midt på treet»
- følger historiske
trender**



**Ressurs- og
energi-
intensivt**

Mer om dette fra Arbeidsgruppe 3 neste år.