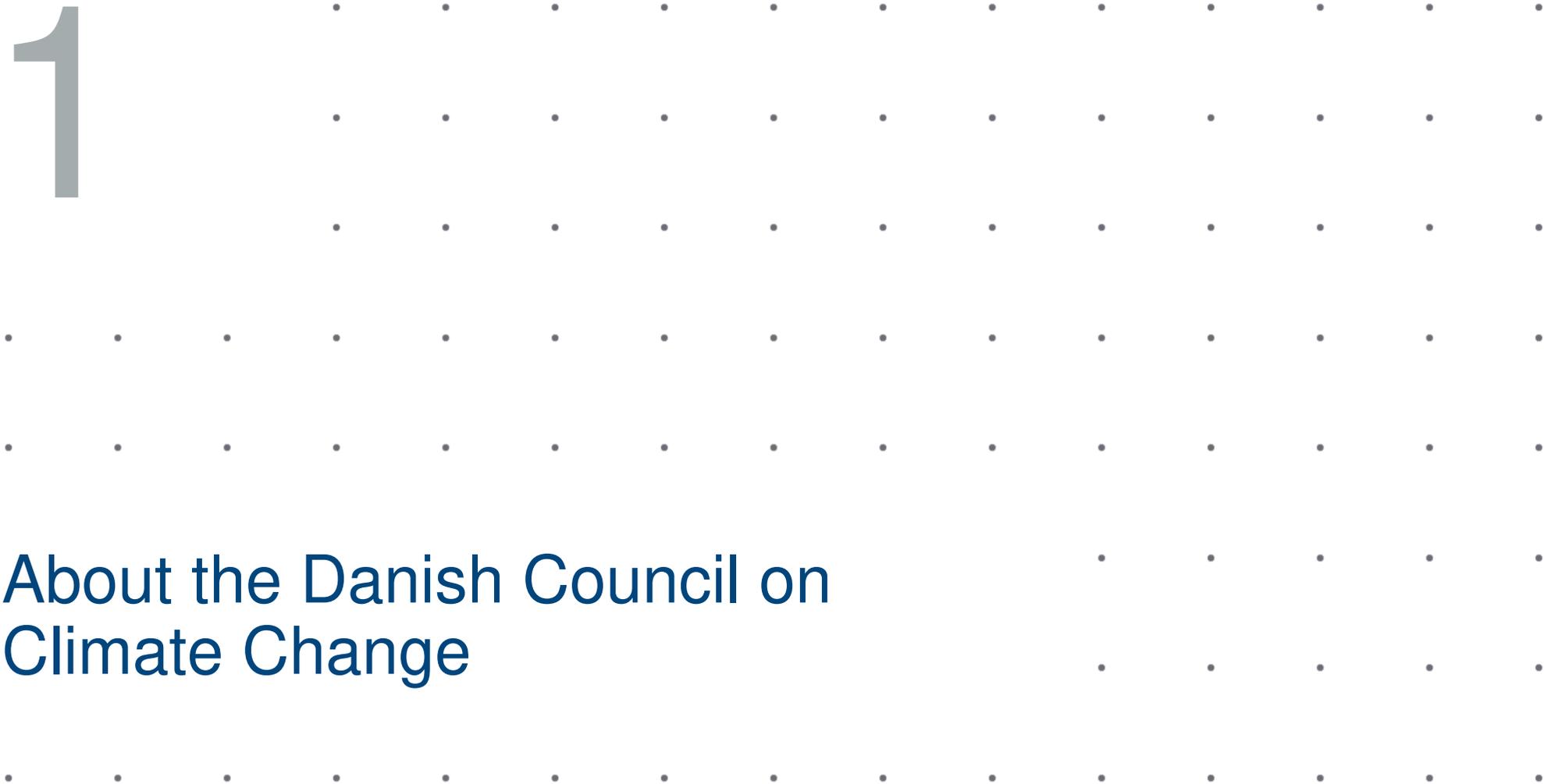


1



About the Danish Council on
Climate Change

The role of the Danish Council on Climate Change



Who: 9 members from different universities and a secretariat of more than 25 people.

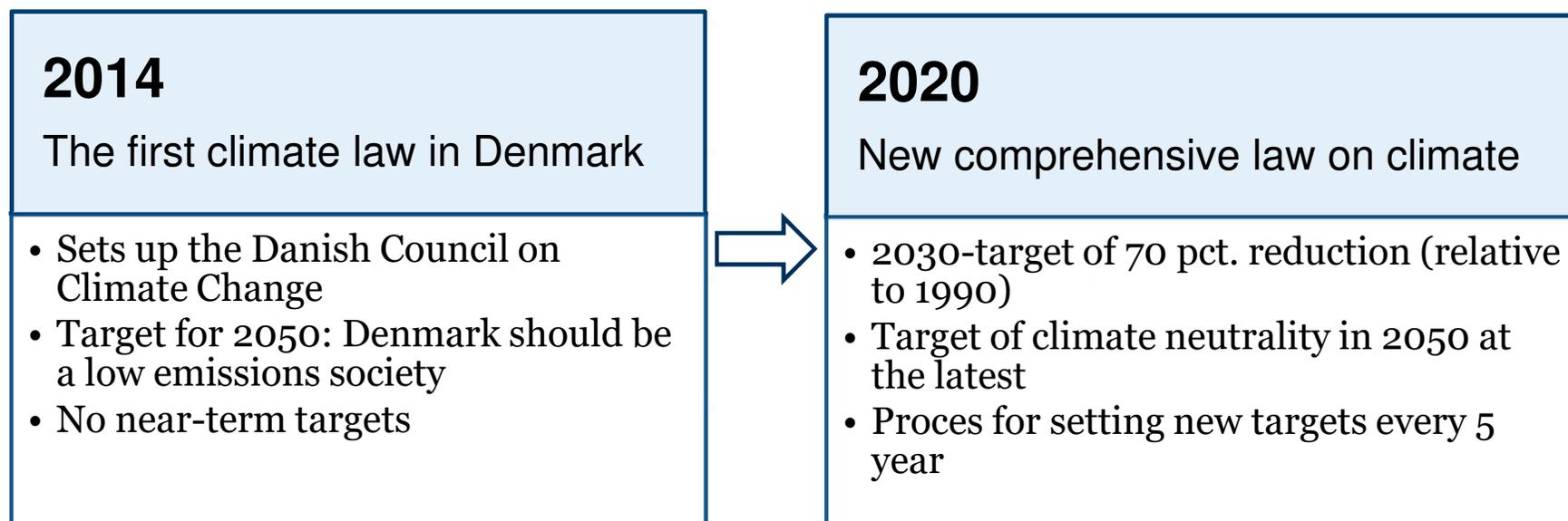
Why: Set up by the Danish Climate Law in 2014 and expanded in 2020 in both members and tasks.

What:

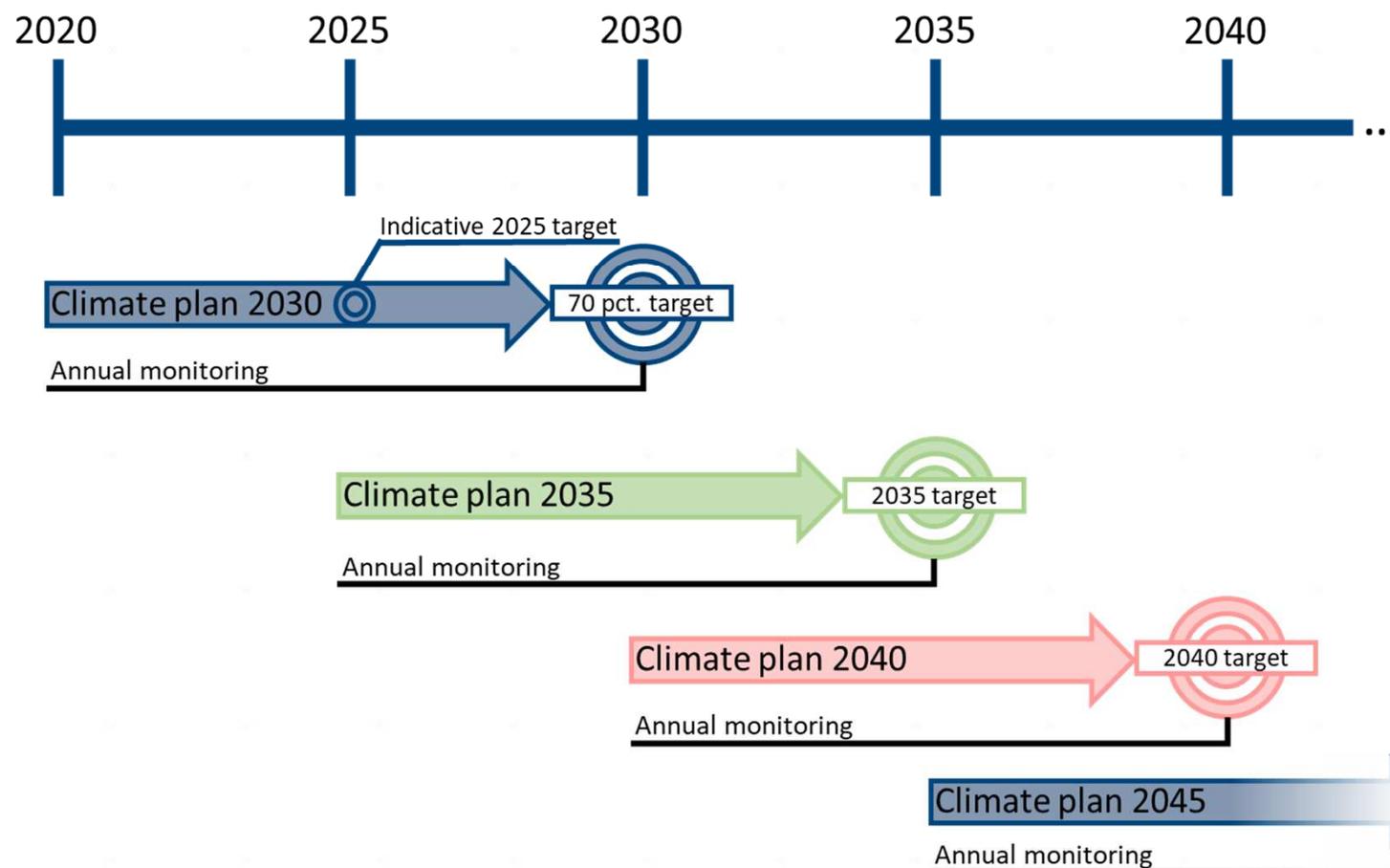
- Providing science-based recommendations to the government and parliament about climate policy.
- Follow and report on Denmark's national goals and international obligations and monitor the adequacy of the government's climate policy.
- Contribute and participate in the public discussion on climate change policy and engage stakeholders

How: Contribute and participate in the public discussion on climate change policy and engage stakeholders

The Danish climate laws



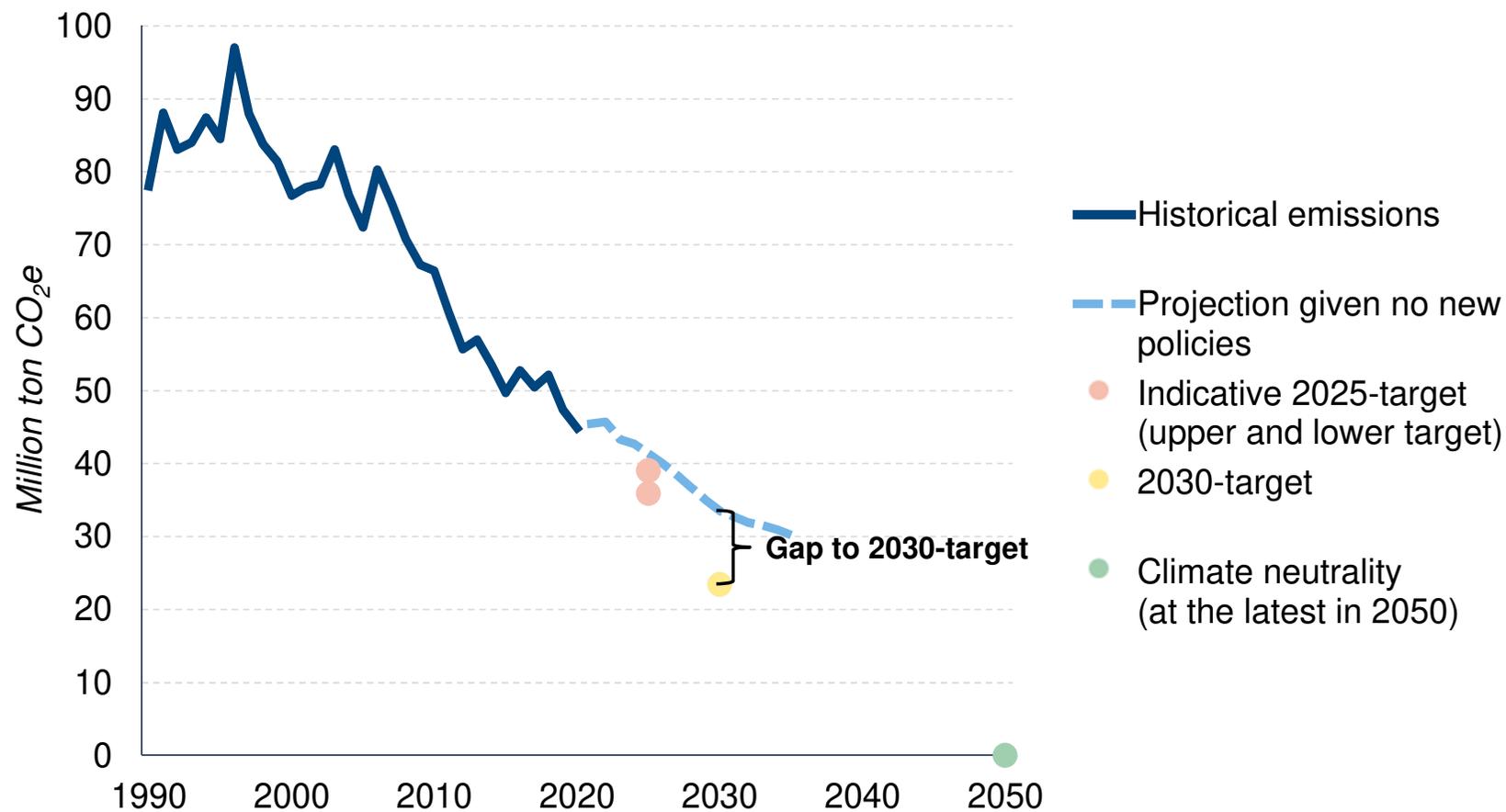
The Council is an institutionalized part of the government's climate policy



2

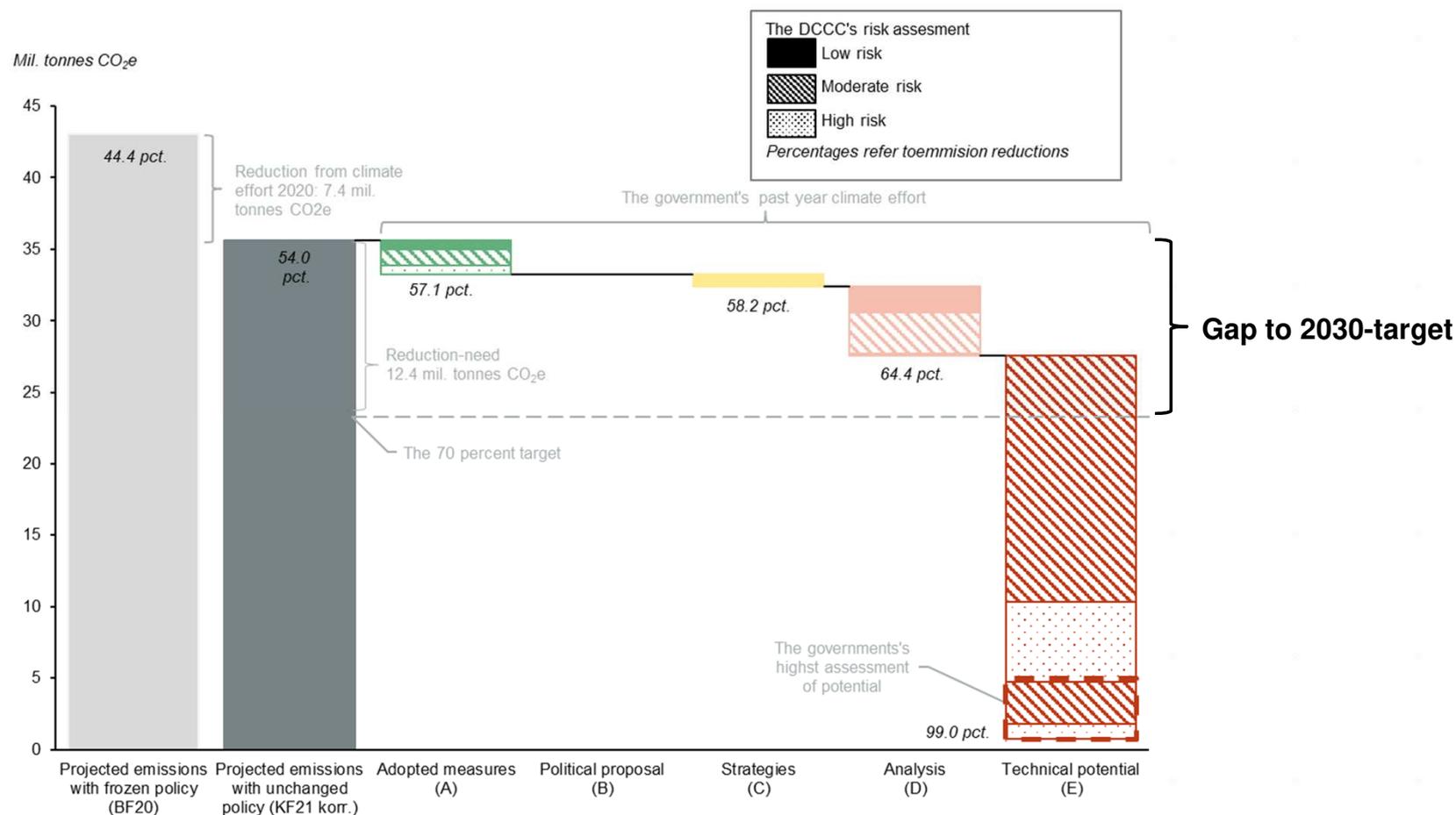
Monitoring the progress towards the
climate targets

Additional policies are required to reach 2025 and 2030 targets



Source: Danish Energy Agency, *Klimastatus og -fremskrivning 2022*, 2022.

Climate initiatives to bridge the gap are generally not well defined and subject to risks



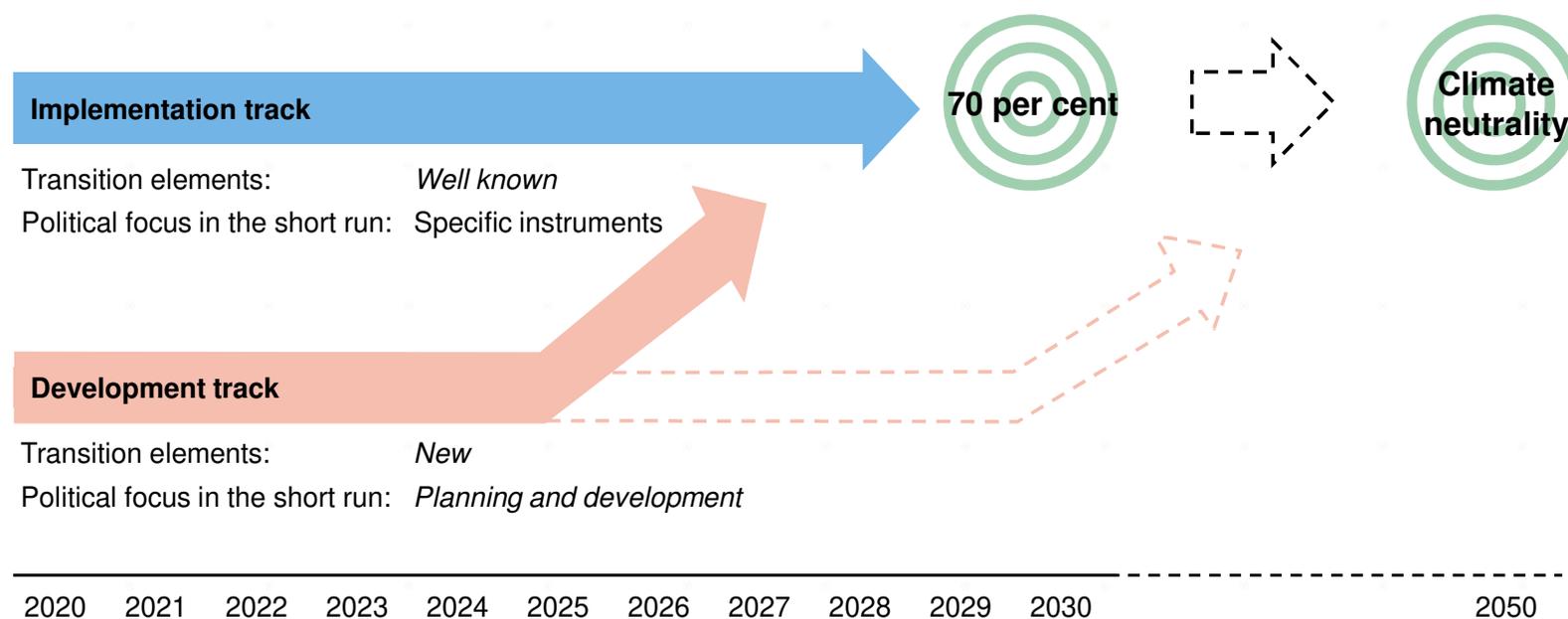
This figure is based on last years projection

Source: The Danish Council on Climate Change, Statusrapport 2022, 2022.

3

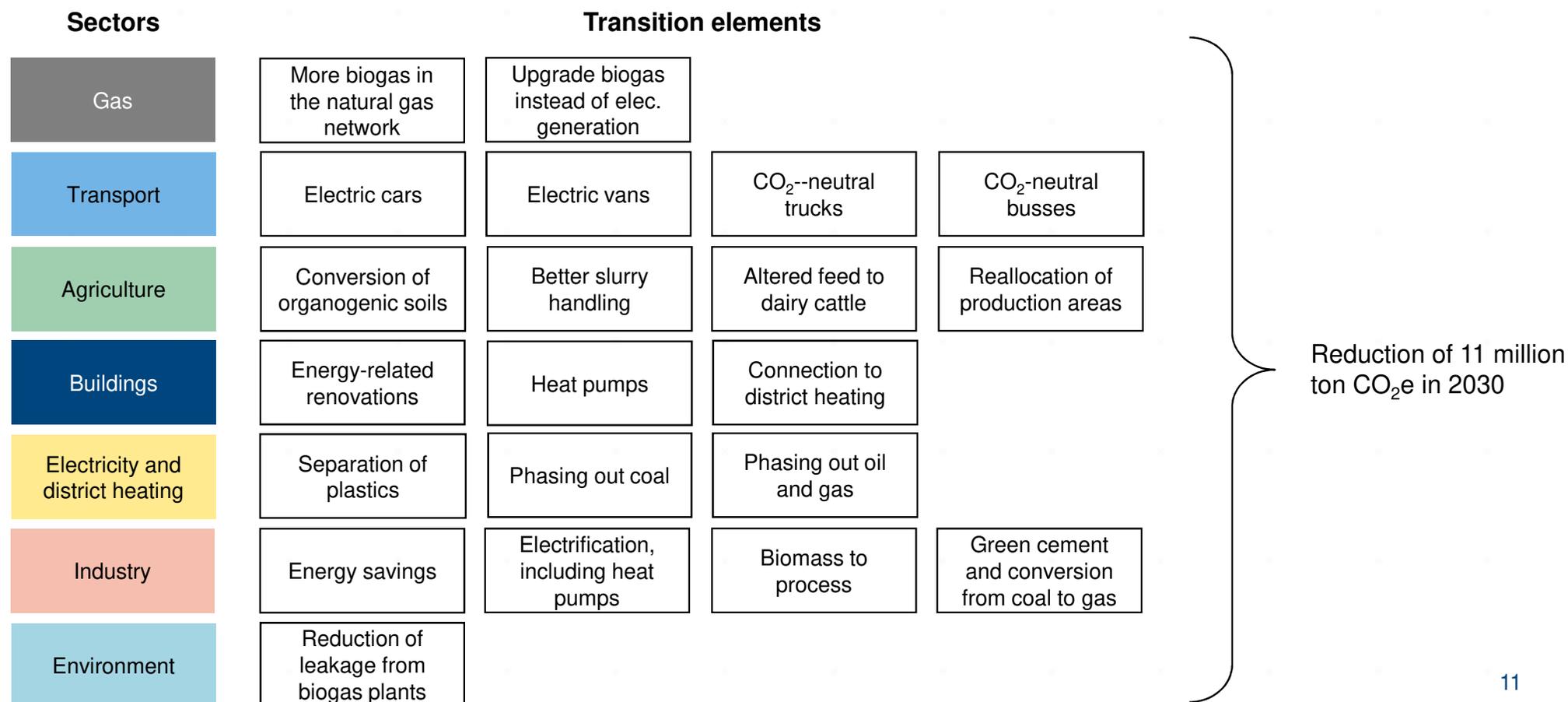
The council's recommendations on achieving 70 pct. reduction in 2030

The path towards 70 per cent reduction can be divided into two tracks



Source: The Danish Council on Climate Change, *Known paths and new tracks to 70 per cent reduction*, 2020.

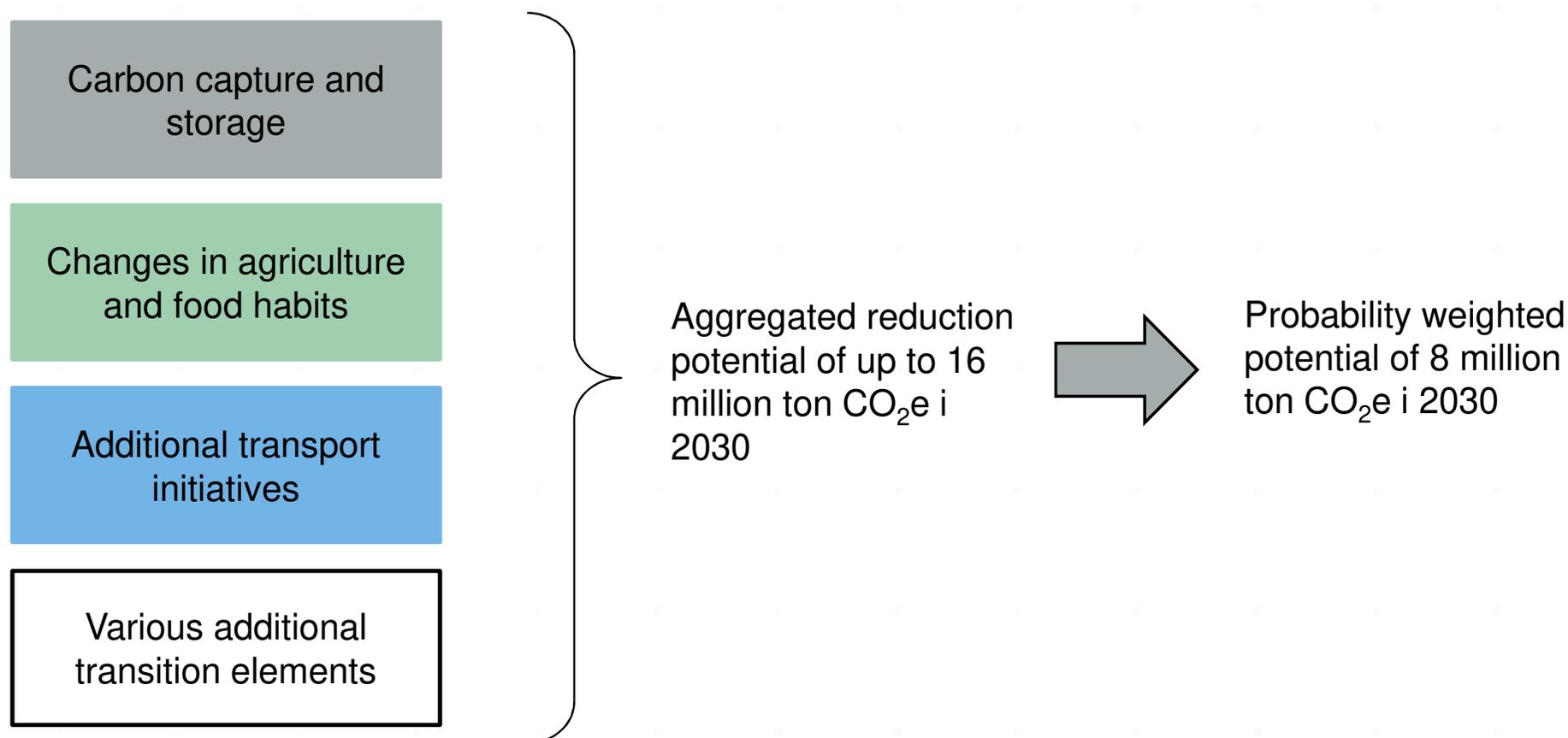
The implementation track has a wide scope



Source: The Danish Council on Climate Change, *Known paths and new tracks to 70 per cent reduction*, 2020.

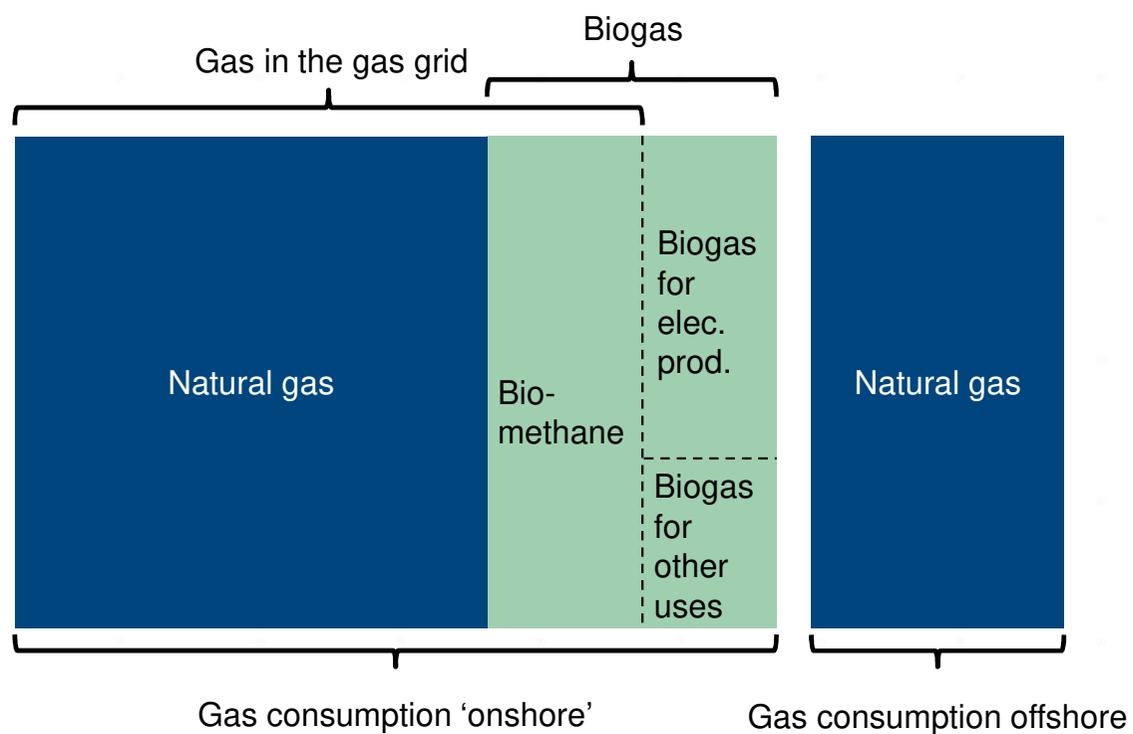
Development track

The development track is based on many new transition elements



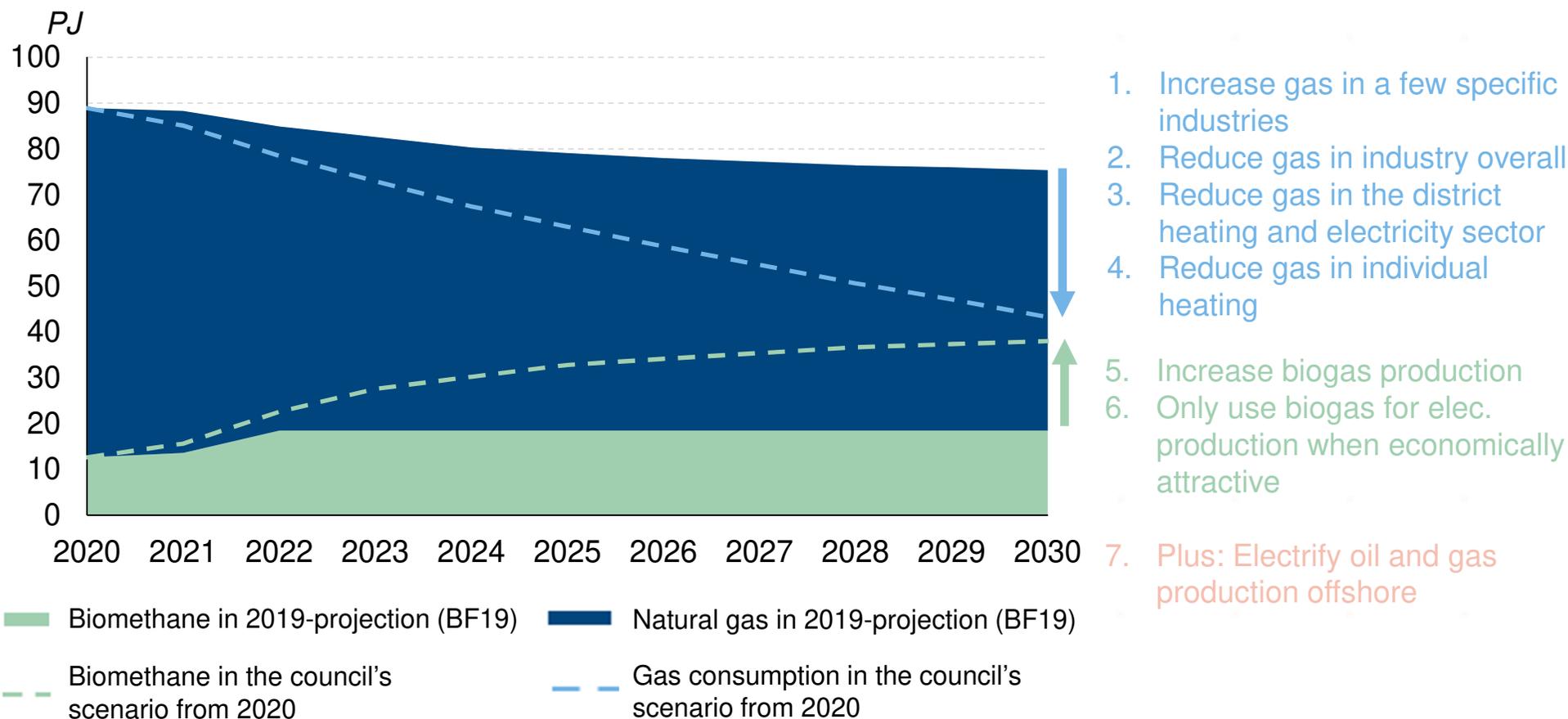
Source: The Danish Council on Climate Change, *Known paths and new tracks to 70 per cent reduction*, 2020.

Biomethane plays a vital role in Denmark



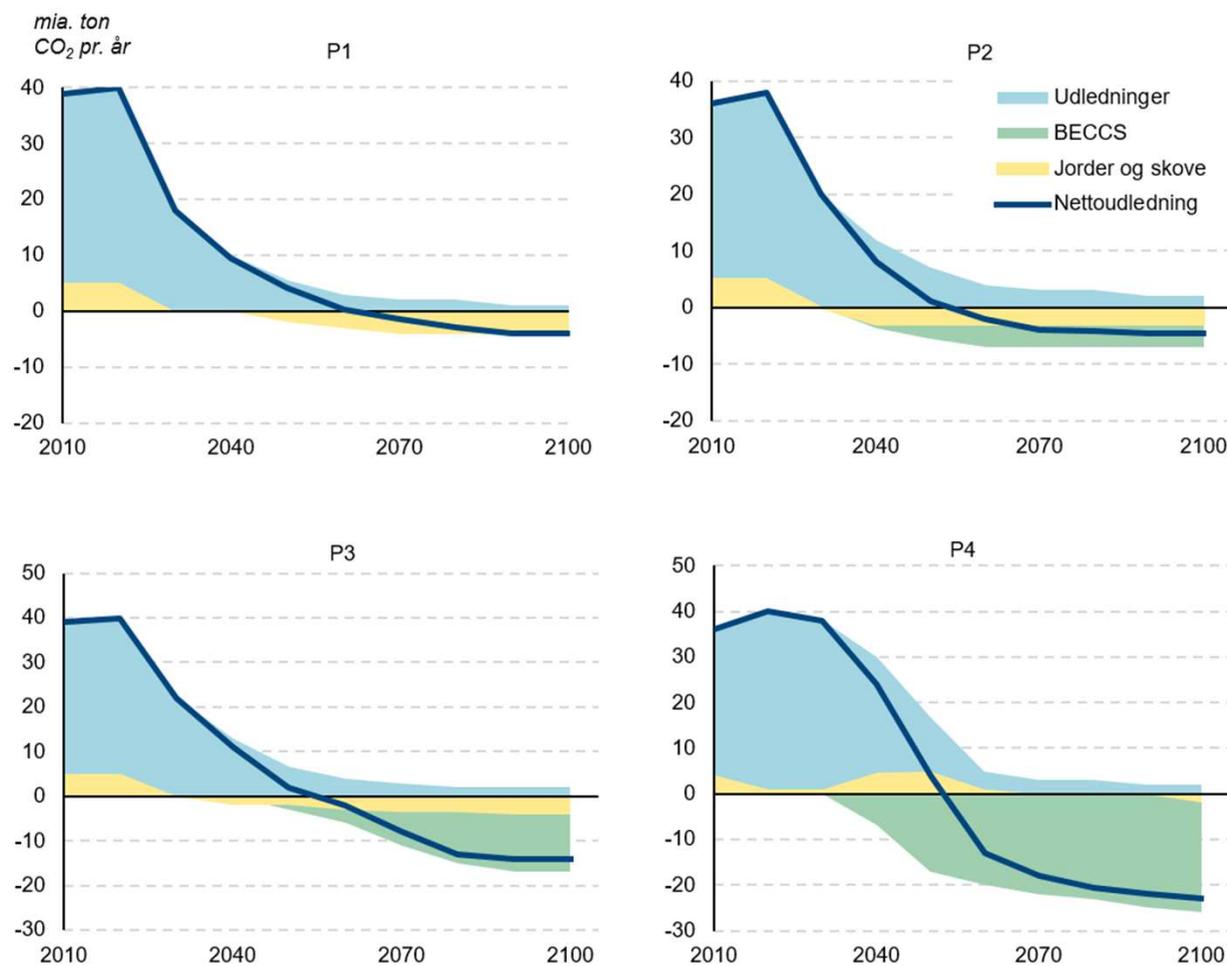
Source: The Danish Council on Climate Change, *Known paths and new tracks to 70 per cent reduction*, 2020.

Biomethane can meet the onshore danish gas demand



*“Starting today,
every action,
every decision
matters”*

IPCC, 2022



Kilder: IPCC, *Global warming of 1.5 °C, 2018*

The background image shows the silhouettes of five people standing on a rooftop or balcony at sunset. The sky is a mix of orange, pink, and blue. Several bright white light trails streak across the scene from left to right, and several red light trails curve from the bottom left towards the center. The overall mood is contemplative and forward-looking.

Klimarådet.

Thank you! Questions?

You are welcome to contact the secretariat of the Council for any other questions or inquiries you may have:

+45 22 68 85 88

mail@klimaraadet.dk

klimaraadet.dk

Extra slide

The development track is based on many new transition elements

	Reduction potential in 2030 <i>million tonnes of CO₂e</i>	Probability
CCS on biogas	1.2	High
CCS on waste plants	1.1	High
CCS on industrial plants	1.2	High
CCS on biomass CHP plants	1.0	High
More electric cars (1.5 million in 2030)	0.8	Low
Effect of CO ₂ tax on the number of kilometres driven	0.7	High
Further reduction in the number of kilometres driven	0.8	Low
Further reductions in heavy transport	0.2	Medium
New food habits and new technologies in agriculture	2.0	Medium
Electrification of drilling platforms	0.5	Medium
Electrification and hydrogen on refineries	0.3	High
Hydrogenation of diesel	0.3	Low
Hydrogen in the gas network	0.1	Medium
Electrification and hydrogen for domestic ferries and aircraft	0.2	Medium
Electrification of the motorway network – electric trucks	0.2	Low
Increased deployment of biogas	0.9	High
Less consumption of diesel in the construction sector	0.1	High
Less consumption of diesel in agricultural and forestry machinery	0.2	Medium
Pyrolysis for bio coke and fuel production	4.0	Low
Aggregated reduction potential	15.8	
Probability weighted reduction potential	8	

Source: The Danish Council on Climate Change, *Known paths and new tracks to 70 per cent reduction*, 2020.