

# Klimakreditter

Fra klimakompensation til klimabidrag?

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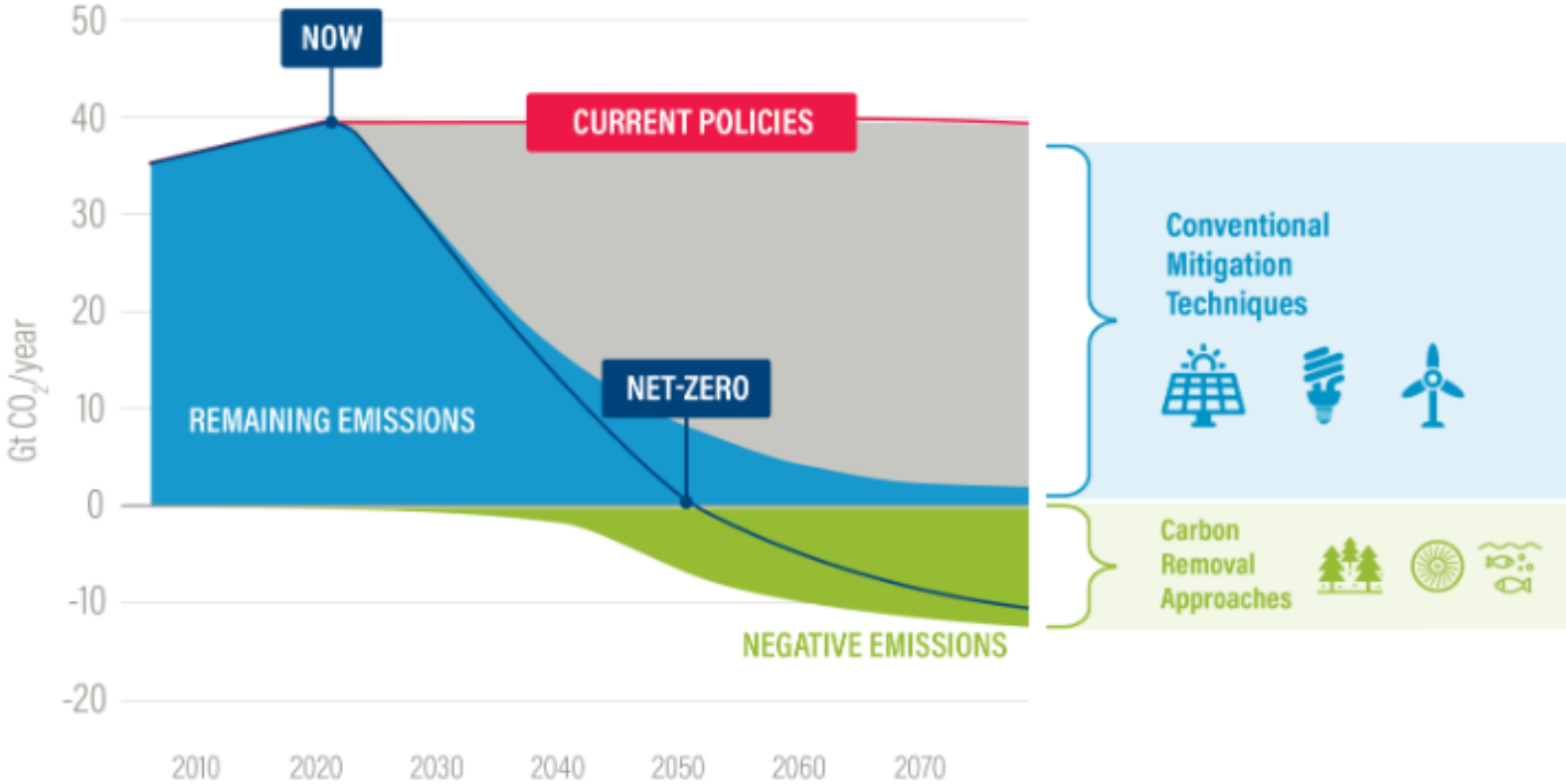
07.02.2024



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DANMARKS GRØNNE TÆNKETANK

# Vi har travlt



Notes: Abbreviation: GtCO<sub>2</sub>/yr = billions of metric tons of carbon dioxide per year. This is a notional scenario showing the role of carbon removal in bringing emissions to net-zero by mid-century consistent with limiting global warming to 1.5°C above pre-Industrial levels. Faster and/or deeper emission reductions could reduce the role for carbon removal; slower and/or weaker emission reductions would increase the need for carbon removal. Source: Based on IPCC (2018) and CAT (2021).

# Historiske erfaringer med klimakompensation

- Clean Development Mechanism: Verdens første store program for klimakompensation. Studier har konkluderet at klimaeffekten fra hovedparten af projekter ikke kunne dokumenteres ([Haya 2010](#)) og kun 2% af projekterne kunne var additionelle og ikke over-krediteret ([Cames et al. 2016](#))
- Et studie af de største “cookstove” offset metoder, viser at kun 1/6 af kreditterne har haft den tilsigtede effekt ([Gill-Wiehl et al. 2023](#))
- Studier af en række skovprojekter har fundet en væsentlige problemer med over-kredittering og metodiske udfordringer, herunder for baseline, lækage og reversal risk ([Haya et al. 2023](#))
- REDD+ skovprojekter har haft en dokumenteret effekt, men har været udfordret af over-kreditering ([Guizar-Coutiño et al. 2022](#), [West et al. 2020](#), [West et al. 2023](#))  
(REDD+: Reducing Emissions from Deforestation and (forest) Degradation)



# Markedet for naturbaserede kreditter er kollapsedet

- [NGEO](#) priser 2022–2024  
Nature Based Carbon Offset



N-GEO futures contracts are comprised of Nature-Based offsets projects from the Verra registry – projects that fall under the Agriculture, Forestry, or Other Land Use (AFOLU) categories. Nature-based solutions can provide valuable contributions to biodiversity, but it's also often considered more difficult to accurately verify the amount of carbon actually offset in nature-based projects.

## The age of extinction Carbon offsetting

• This article is more than 7 months old

### Revealed: more than 90% of rainforest carbon offsets by biggest certifier are worthless, analysis shows

Investigation into Verra carbon standard finds most are 'phantom credits' and may worsen global heating

- ['Nowhere else to go': Alto Mayo, Peru, at centre of conservation row](#)
- [Greenwashing or a net zero necessity? Scientists on carbon offsetting](#)
- [Carbon offsets flawed but we are in a climate emergency](#)

• 25. AUG. 2023 \ ANBEFALET

## Alvorlig nedtur: Udbredt klimakompensation virker ikke

Vi får slet ikke sparet de mængder CO<sub>2</sub>, vi bliver lovet, når vi handler hos firmaer, der klimakompenserer, viser ny forskning.



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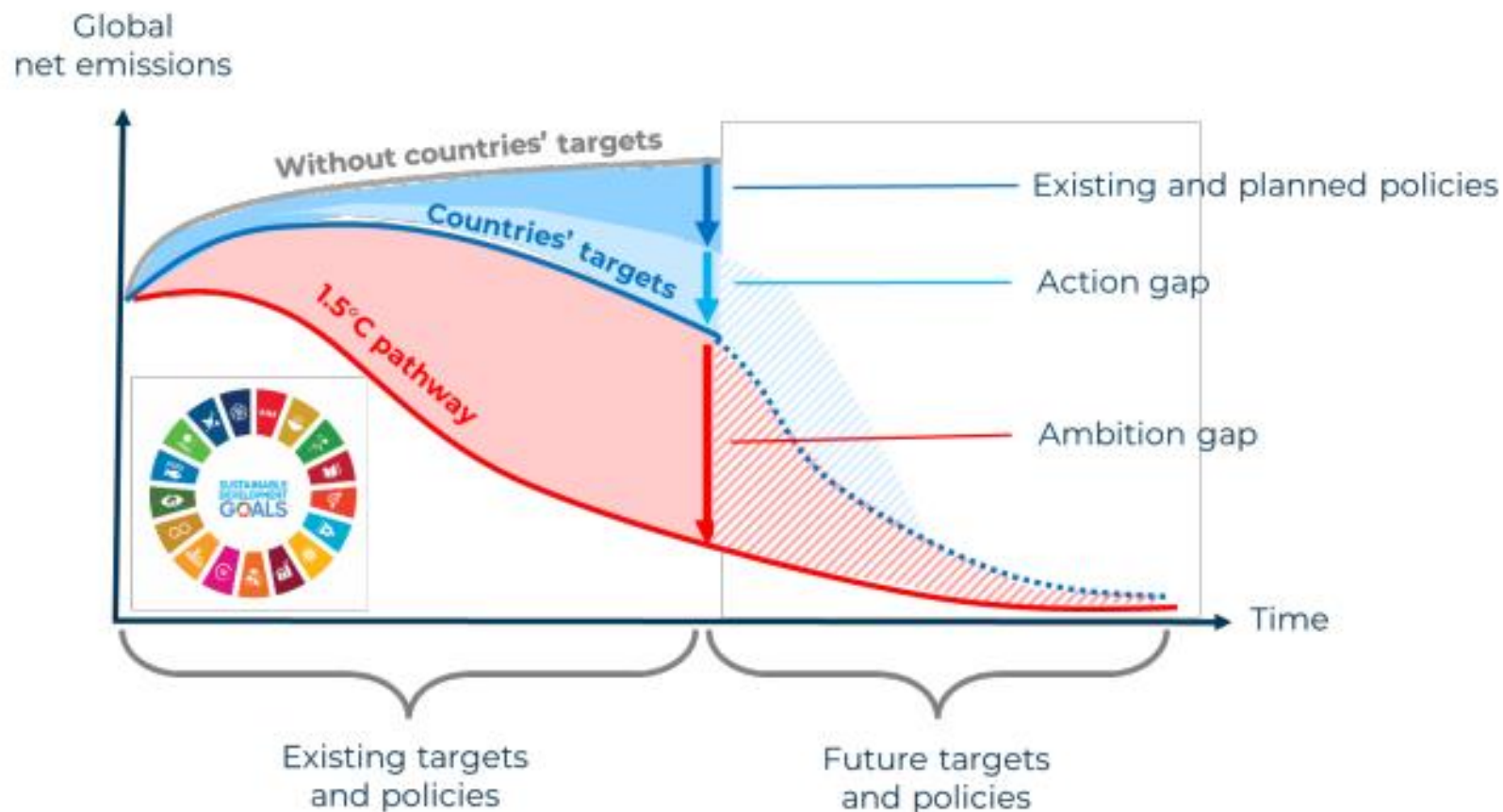
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# Hvordan genskabes troværdigheden?

## Ikke udtømmende liste:

- Beregn udledninger fra hele værdikæde
- Sæt klimamål der flugter med et 1,5-grader scenarie
- Køb og anvend CO<sub>2</sub>-kreditter af høj-kvalitet
- Gennemsigtighed og rapportering af målopfyldelse, klimahandling og anvendelse af CO<sub>2</sub>-kreditter.  
Prioriter reduktioner i egen værdikæde før køb af kreditter
- Sikre høj troværdige af anprisninger (claims) ved brug af CO<sub>2</sub>-kreditter

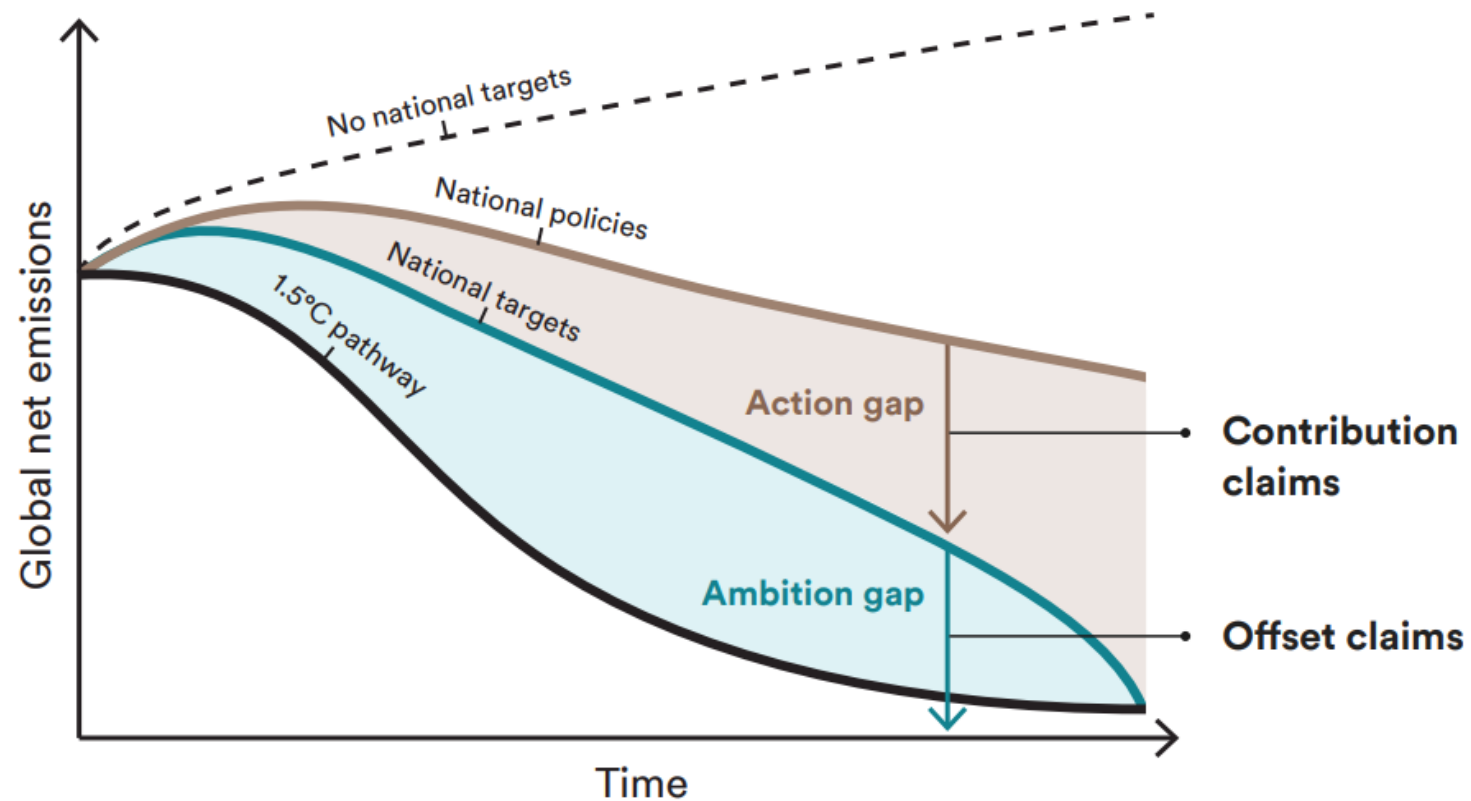
# Det frivillige marked kan bidrage til implementering af klimamål og højere klimamål



Adapted from: Laine et al. 2023

# Hvordan kan man anprise sin klima-kredit?

## Offset claims and contribution claims



Source: Guide to good practices for supporting voluntary carbon markets. Supporting voluntary mitigation action with carbon credits (Finnish Government, 2023)



# Mange bevægelser i gang, herunder strammere krav til klima-anprisninger fra EU

Nyt EU-direktiv vedtaget d. 17. januar 2024: "Empowering consumers for the green transition"

- "... **prohibit claims, based on greenhouse gas emissions offsetting**, that a product, either a good or service, has a neutral, reduced, or positive impact on the environment in terms of greenhouse gas emissions.
  - Such claims can only be **allowed when they are based on the actual lifecycle impacts of the product in question**, and not based on greenhouse gas emissions offsetting outside the product's value chain, as the former and the latter are not equivalent.
- This should not prevent companies from **advertising their investments in environmental initiatives, including carbon credit projects**, as long as they provide such information in a way that is not misleading and also complies with the requirements laid down in Union legislation.

→ Skal understøttes og præciseres i det kommende "Green Claims Directive"

10. NOVEMBER 2020 09:48

SKREVET AF: LANDBRUGSAVISEN.DK

**Arla i offensiv debat: Klima-kompensation er ikke green-washing**



COMPANIES · ENVIRONMENT

Nestlé Moves Away from Carbon Offsets to Focus on Emissions Reductions Across Brands

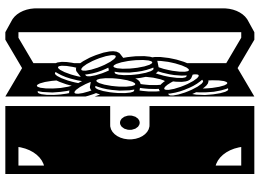
Mark Segal | July 3, 2023



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Den fiktive virksomhed "AirBas" vil gerne gøre noget godt for klimaet og branding

Købe x tons til fx at blive CO<sub>2</sub>-neutral (tonne for tonne)

CO<sub>2</sub>-kreditter på det frivillige marked\*

Bruger pengene på andre klimatiltag

Kan fx finansieres med en intern CO<sub>2</sub>-afgift (money for ton)

Klimakompensation (offset)

Klimabidrag / Non-offset.

Hvordan kan handling anprises?

CO<sub>2</sub>-neutralt produkt

Klimaregnskab går nu i netto-nul

"Klimabidrag" til et nationalt klimamål

Støtte til NGO'er, forskning og udvikling, finansiering osv.

Højere risiko for greenwashing?  
Høj værdi i markedsføring?

Hvilken effekt har det på klimaet?

Mindre risiko for greenwashing?  
Lav værdi i markedsføring?

\*Fx Skovbeskyttelse, skovrejsning, lagring af atmosfærisk/biogen CO<sub>2</sub> osv.



## COP28: Netherlands, Germany, France, Spain, Finland, the federal government of Belgium and Austria propose framework to prevent greenwashing and restore integrity in voluntary carbon markets

News item | 10-12-2023 | 12:15

- *A contribution claim (closing the action gap)* enables organisations to publicly declare their climate efforts in a credible way, without using carbon credits to compensate for emissions (offsetting). A contribution claim refers to the use of carbon credits that represent mitigation outcomes counted towards national climate targets of the host country, helping to achieve a previously agreed level of ambition. Organisations can credibly claim they have contributed to meeting national climate targets under the Paris Agreement.
- *Double claiming* is avoided as the claimant does not count the mitigation outcomes towards offsetting the climate impact of its own emissions.
- *An offset claim (closing the ambition gap)* enables organisations to claim the mitigation outcomes towards offsetting the climate impact of its own emissions. **The carbon credits represent mitigation outcomes that are not counted by the host country (as part their national climate targets). This means a corresponding adjustment is done by the host country.<sup>2</sup>**



# Hvor har en klimakredit størst klimaeffekt?

	Land A Rigt EU-land med forholdsvist ambitiøst klimamål.	Land B Rigt EU-land med forholdsvist ambitiøst klimamål.	Land C Udviklingsland med betinget klimamål
Politik for salg af kreditter på det frivillige marked	Business as usual. Ingen justeringer i mål ved salg af kreditter	Opjusterer klimamål, hvis der sælges kreditter (corresponding adjustment)	Kræver støtte fra rige lande for af opfylde målet
Additionalitet	Svært at påvise additionalitet for klimaet.	Mere sikkerhed for additionalitet.	Delvis sikkerhed for additionalitet.
Risici	Risiko for anklager om greenwashing. Markedet vil på sigt foretrække at investere i lande med sikkerhed for reel additionalitet	Kan det føre til mindre ambitiøse nationale målsætninger?	Men risiko for fortsat betingede klimamål
Fordele	Det frivillige marked kan lukke "action gap"	Tilgangen vil på sigt tiltrækker flere investeringer (?)	Kan få tiltrængt hjælp til finansiering
Hvem	Danmark, Sverige	Tyskland, Frankrig, Holland, Finland, Østrig, Spanien	Cuba, Nepal, Zimbabwe



# Opsummering: på vej mod et "non-offset" marked?

- Minimerer risiko for anklager om greenwashing
- Undgår "double-claiming"
- Mange muligheder for at tale om fordele ved projekter
- Mulighed for at bidrage til alle landes klimaindsats
- Større rolle til "beyond value chain mitigation"
- Åben for portefølje af teknologier
- Mulighed for at støtte teknologisk udvikling, så teknologier er klar til når verden skal blive netto-nul/netto-negativ



# Ekstra underholdning

- [Den svenske regerings handlingsplan, 2023](#)
- [Nordic Harnessing voluntary carbon markets for climate ambition, Nordic Council of Ministers, 2022](#)
- [Raising climate ambition with carbon credits, Perspective Climate Group, 2023](#)
- [Brev fra syv medlemslande om det frivillige CO2-marked, 2023](#)
- ISO 14068 Carbon Neutrality
- [Laine et al. 2023: Guide to good practices for voluntary carbon markets](#)

# Spørgsmål og kommentarer

