

Bæredygtighed og klima



Tak fordi du klimasikrer fremtidens landbrug

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Bæredygtighed – ESG – klima



Bæredygtighed

E = Miljø

S = Social

G = Ledelse

E

Klima

Vand og luftkvalitet

Natur og biodiversitet

S

Arbejdsforhold

Dyrevelfærd

Socialt ansvar

G

Økonomi

Ledelse

Compliance

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Formålet med et klimaregnskab på bedriften



- ✓ At gøre klima konkret på bedriftsniveau
- ✓ At give landbrugere og rådgivere et grundlag for dialog
- ✓ At gøre det overskueligt og brugervenligt at få overblik over bedriftens emissioner
- ✓ At opstille og overskueliggøre handlemuligheder med beregnede effekter

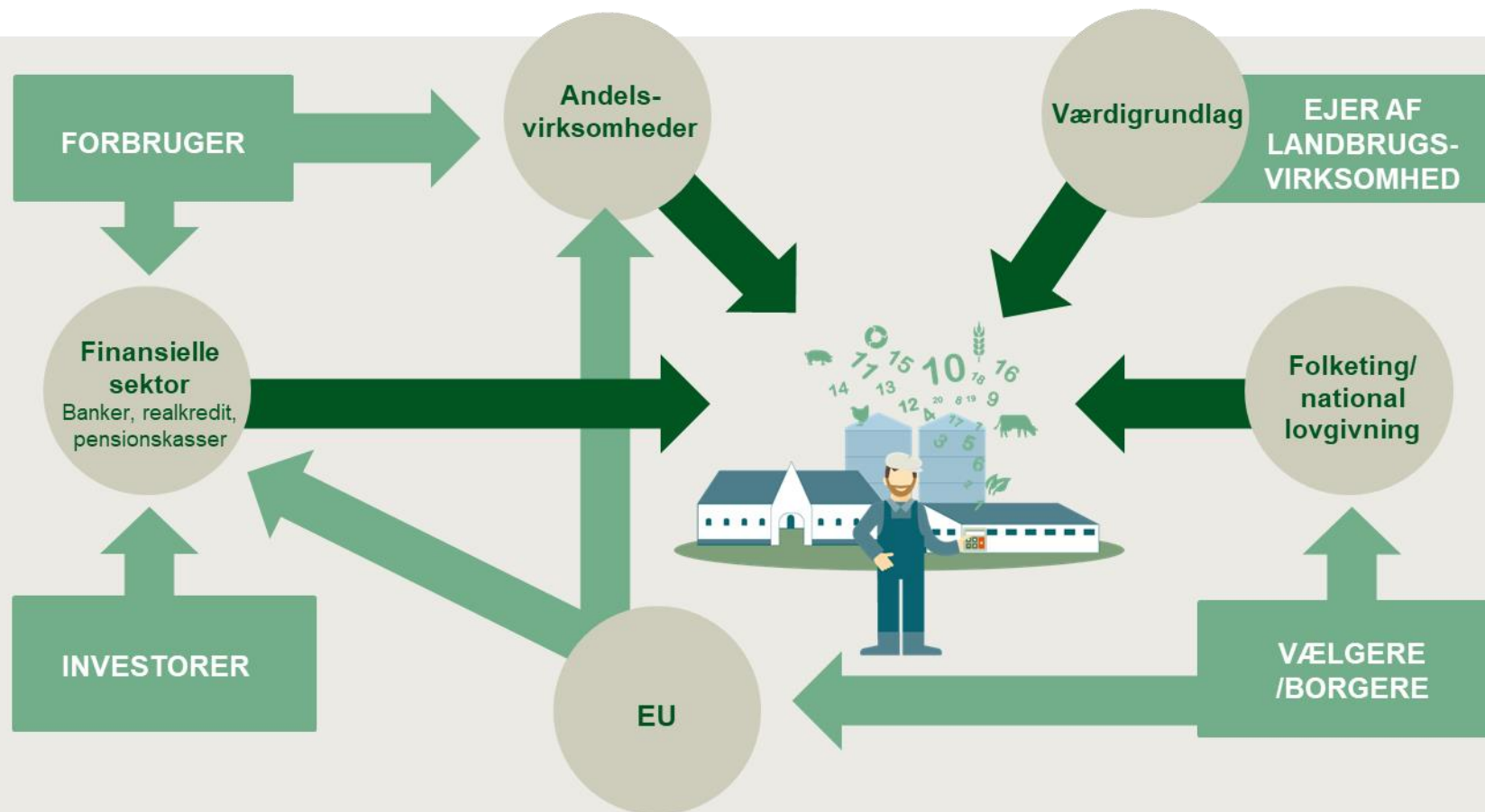


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Hvorfor arbejde med klima?

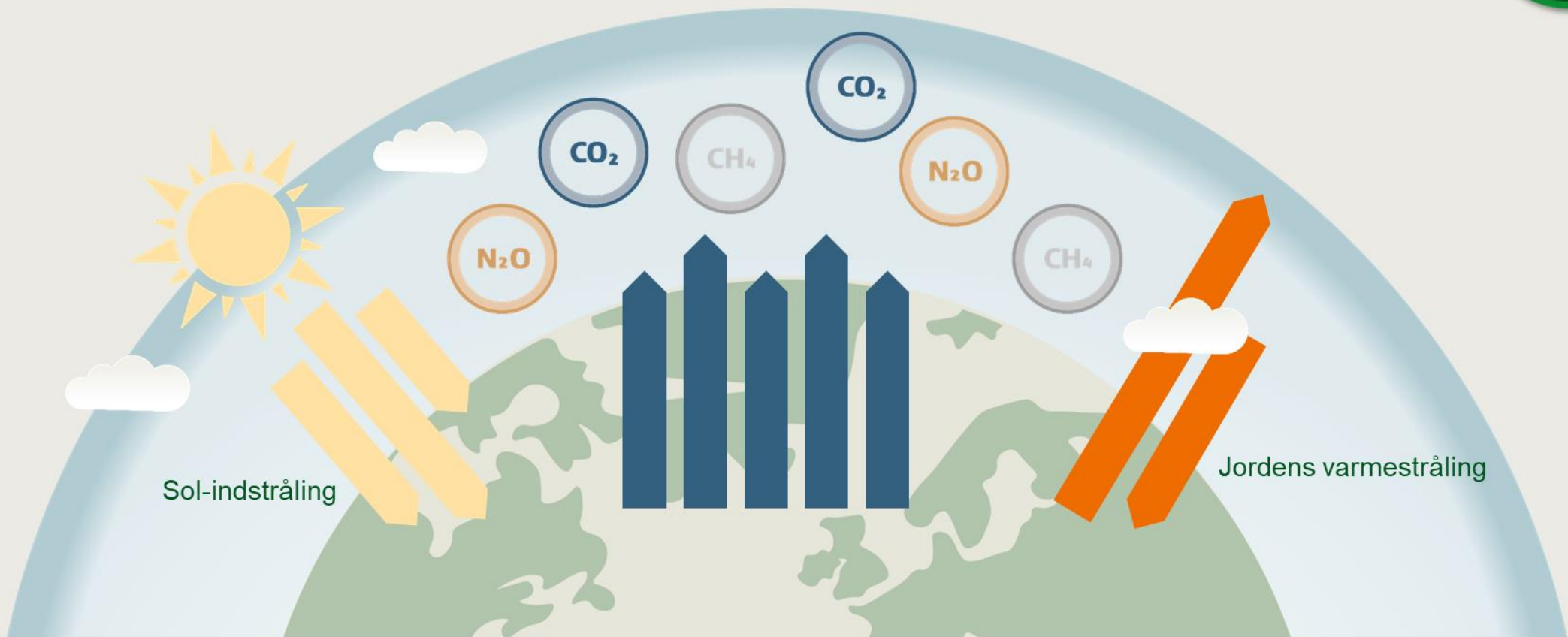


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Drivhuseffekten



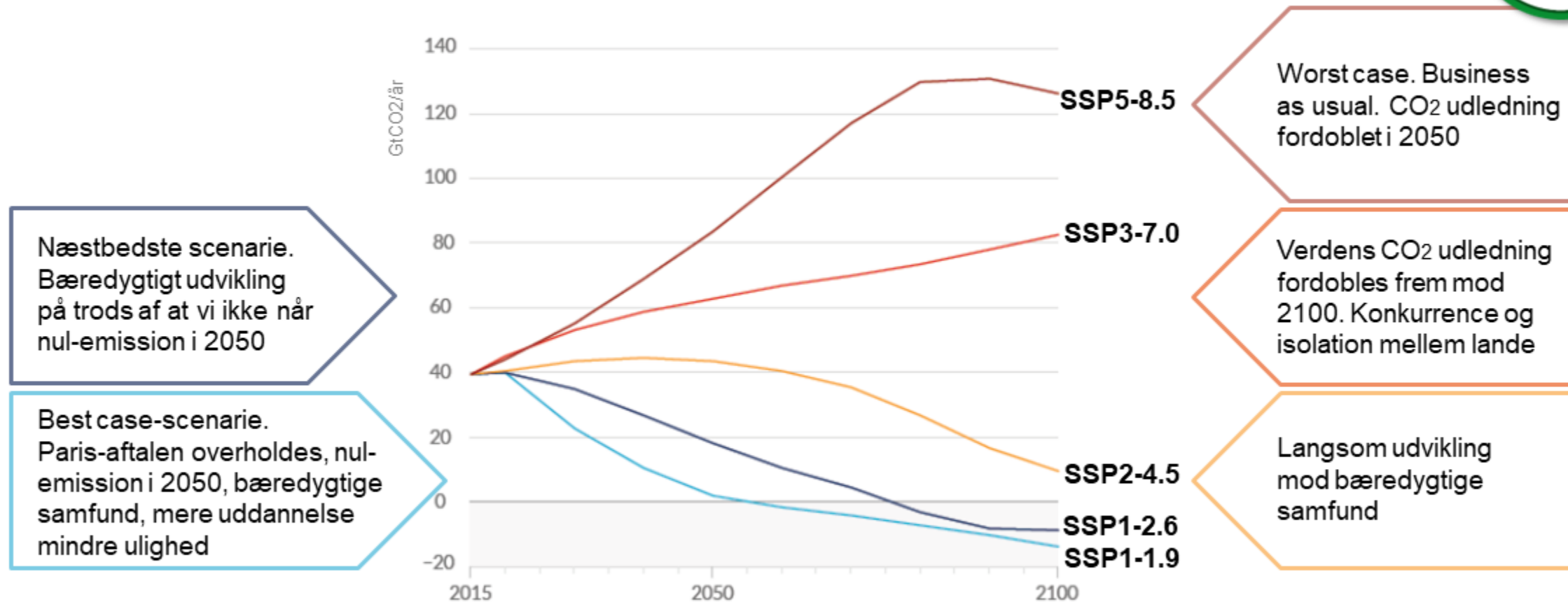
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IPCC's emissionsscenarier

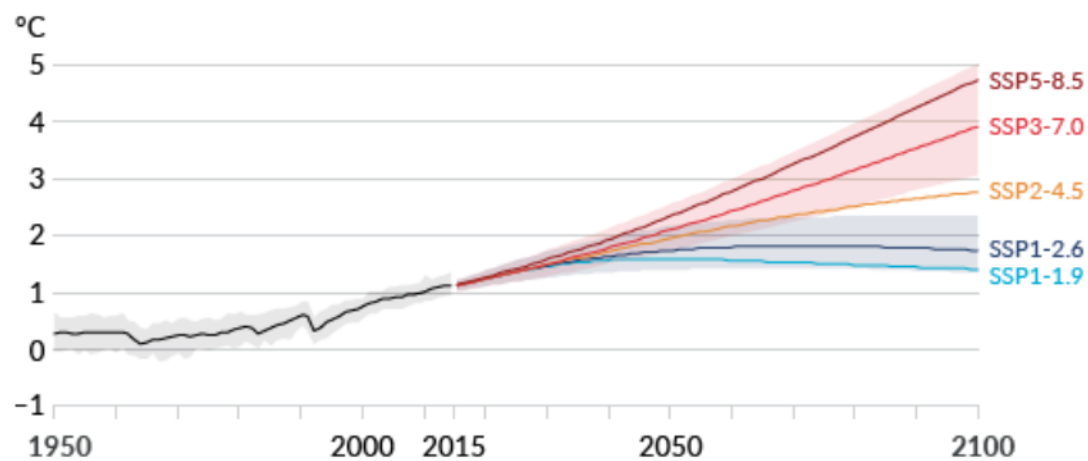


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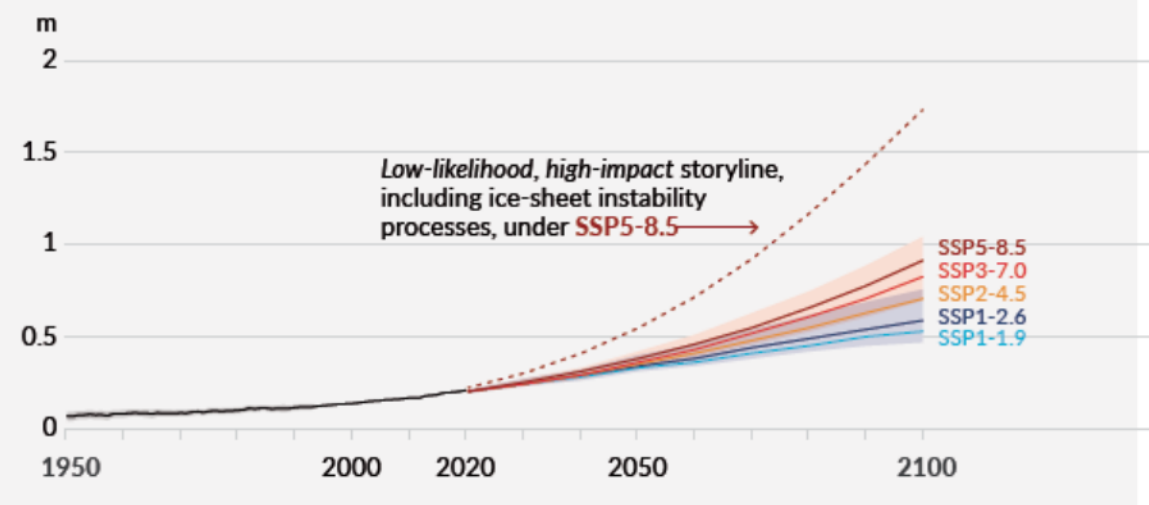
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(a) Global surface temperature change relative to 1850–1900



(d) Global mean sea level change relative to 1900



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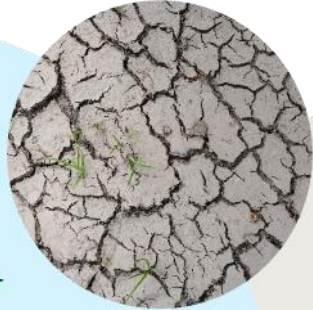
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Forventede klimaændringer i Danmark



1.



Forventede klimaændringer i Danmark

- Højere middeltemperaturer, specielt om vinteren (2-3 grader, årsmiddel)
- Højere max.temperaturer
- Længere hedeølger

2.



Forventede klimaændringer i Danmark

- Mere årsmiddelnedbør, store årstidsvariationer
- Markant mere nedbør om vinteren
- Generelt mere kraftig nedbør (døgn og 5-døgnsnedbør)
- De kraftigste nedbørshændelser om sommeren bliver mere "ekstreme" (døgnsnedbør)

3.



Forventede klimaændringer i Danmark

- Stærkere middelvind med store regionale forskelle
- Kraftigere storme (op til 10%)
- Stor usikkerhed
- Detaljerede analyser for Danmark mangler

Kilde: DMI

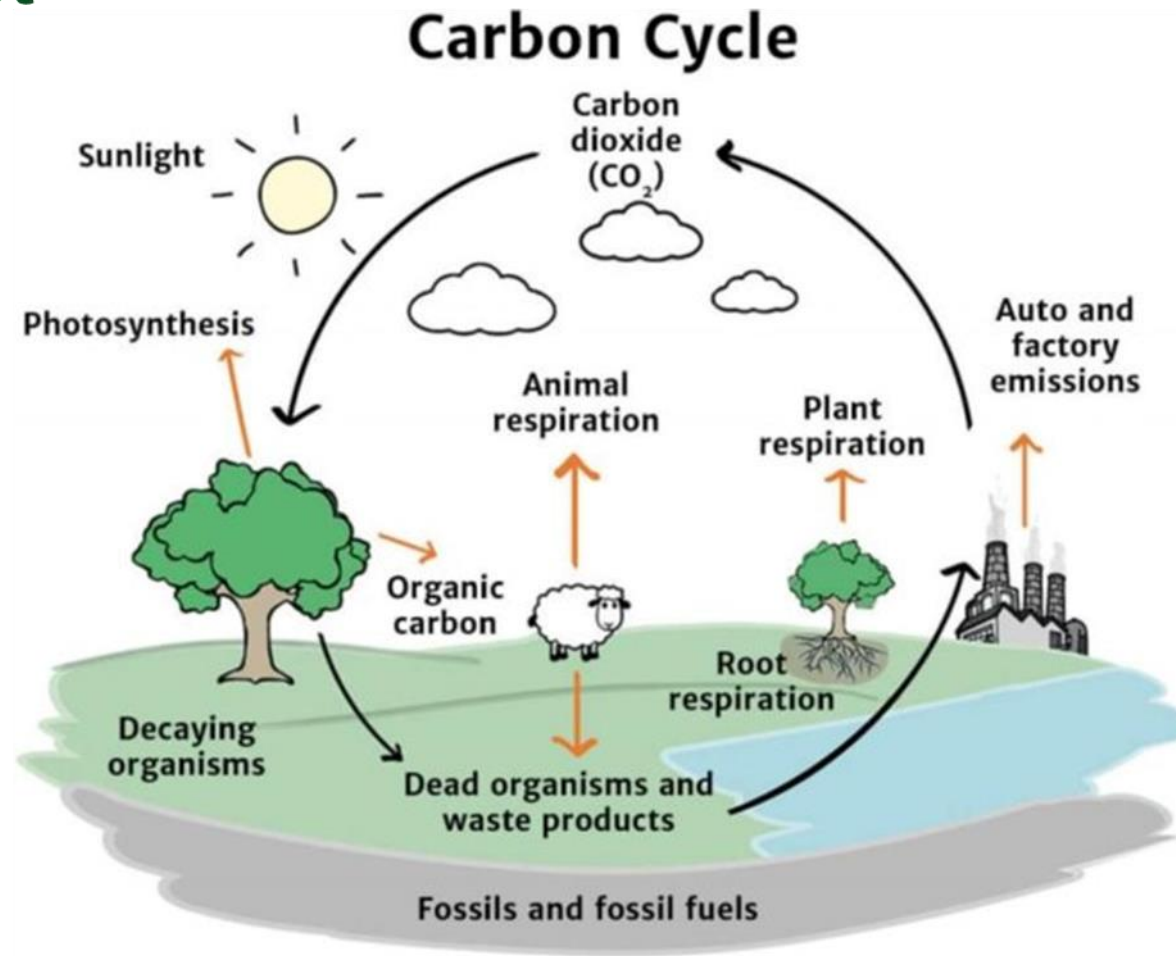
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Kulstofkredsløbet



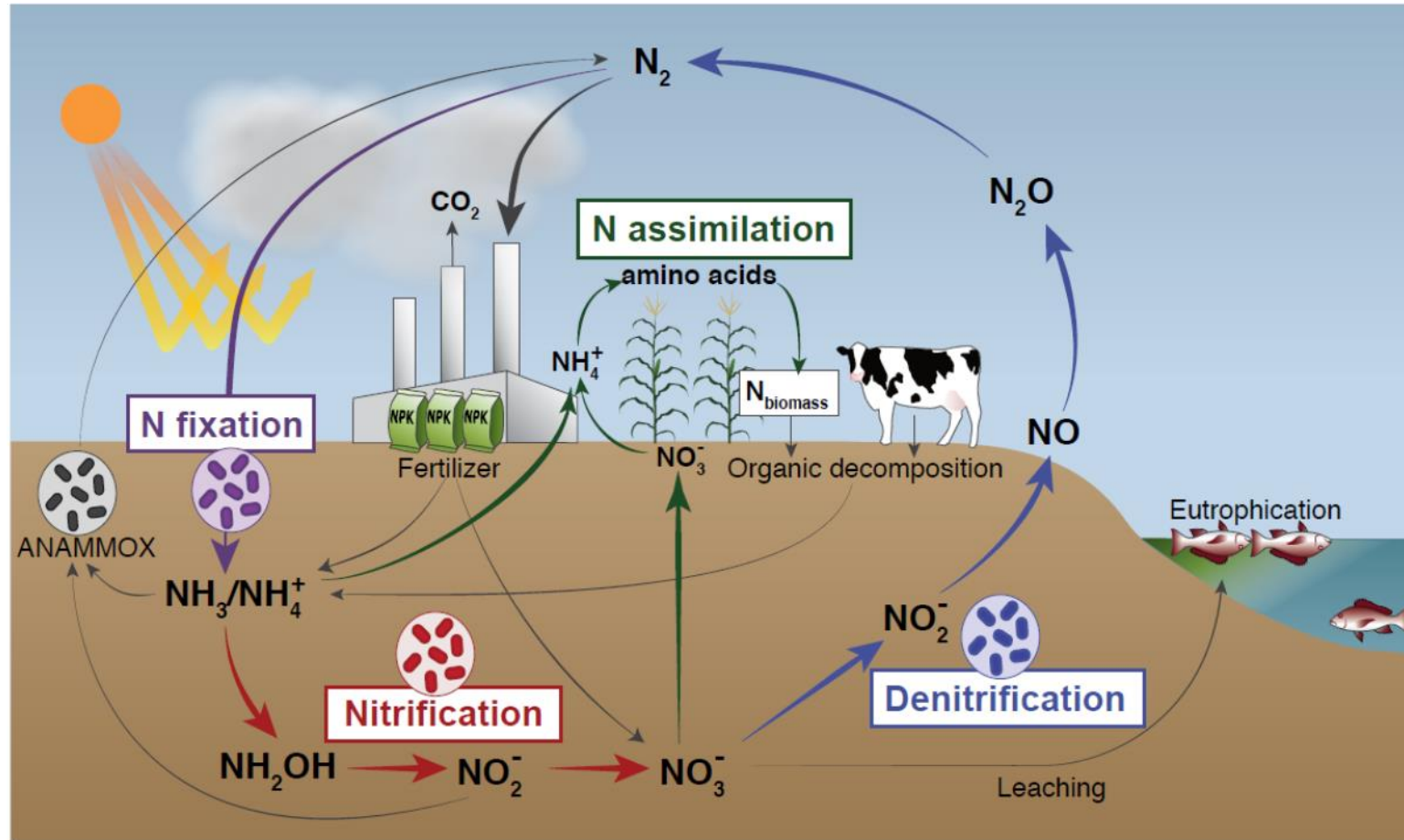
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Kvælstofkredsløbet



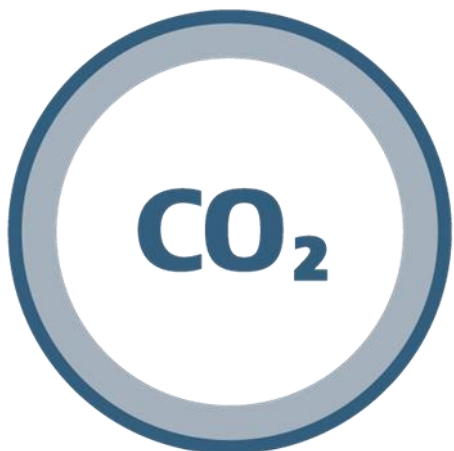
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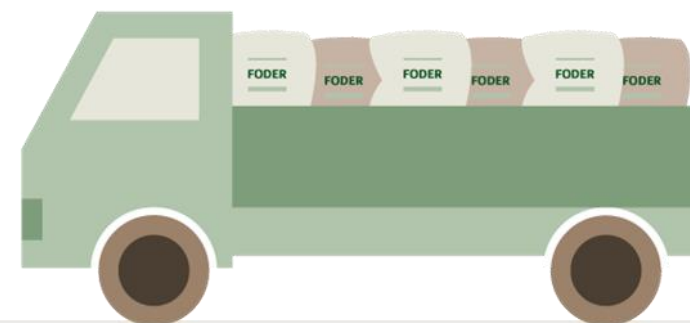
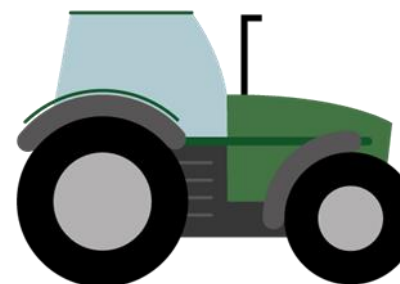
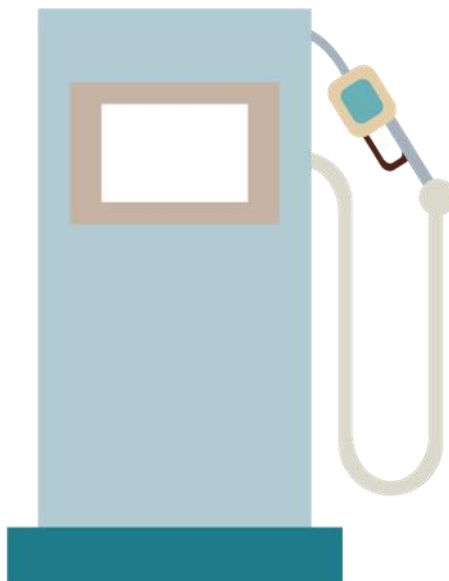
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Hvor kommer CO₂ udledningen fra?



KULDIOXID



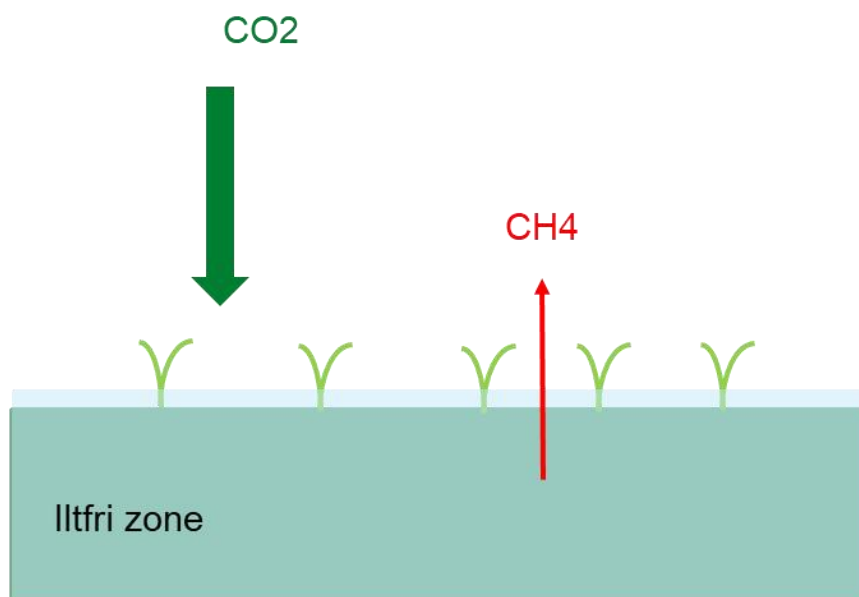
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Drivhusgasdynamik i uforstyrrede vådområder

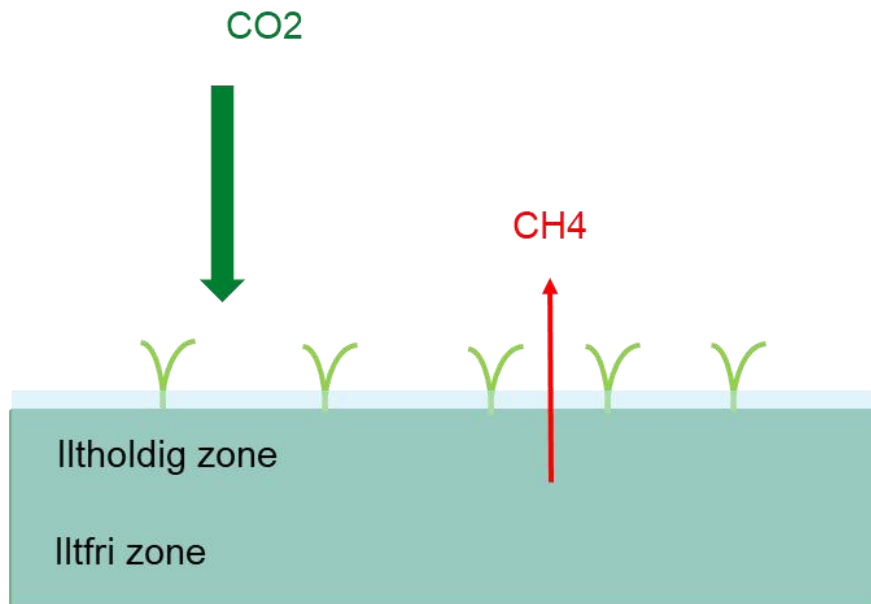


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Dræning



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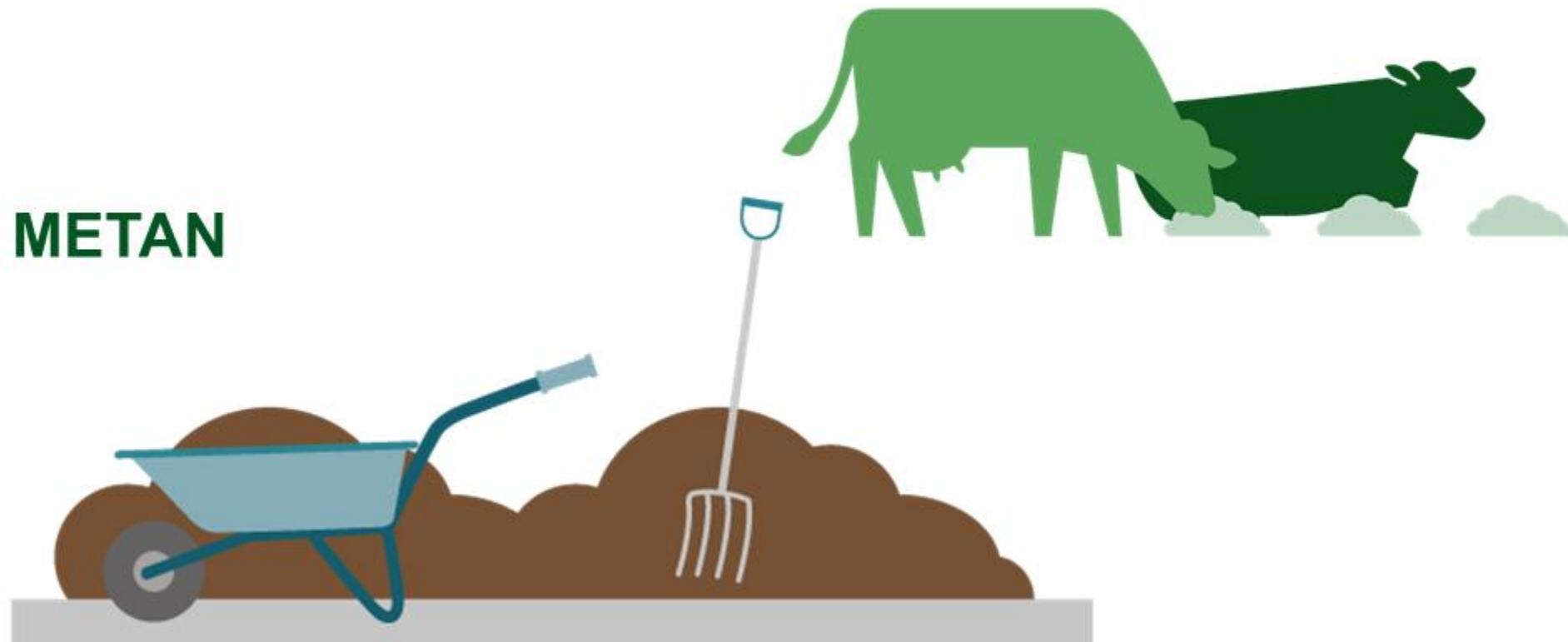
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Hvad er metan?



METAN



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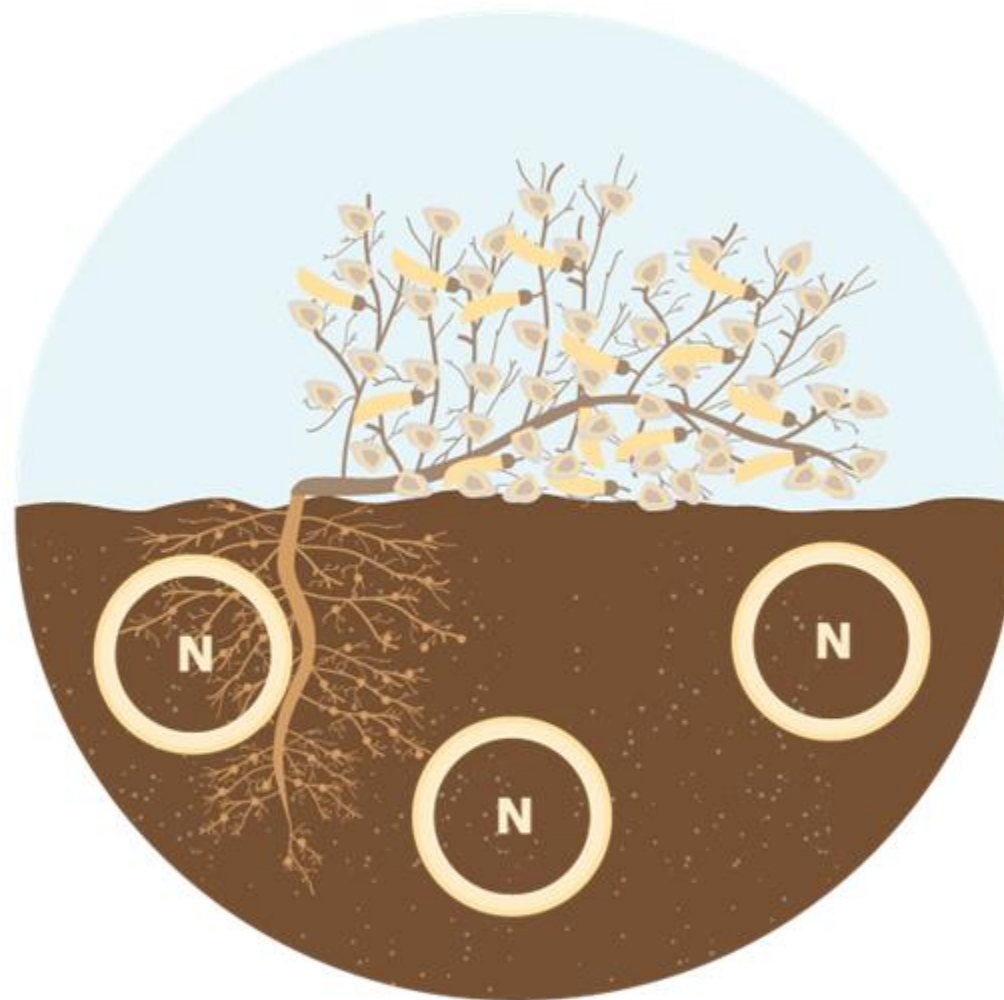
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Hvad er lattergas?



LATTERGAS



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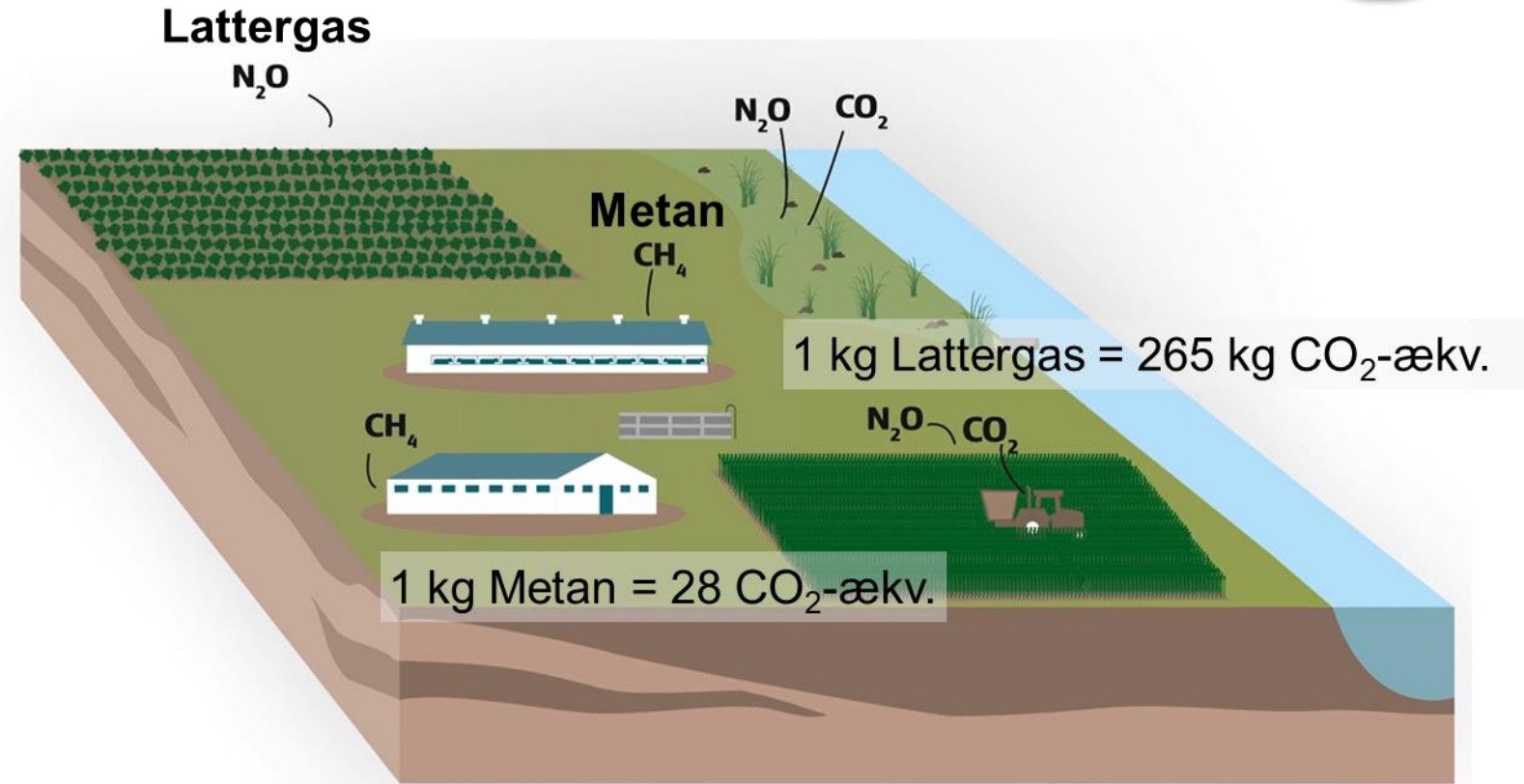
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CO₂ ækvivalenter = CO_{2-e} Klimavaluta

- Sammenligne effekten af forskellige klimagasser
- GWP₁₀₀ = Opvarmningen udjævnes/regnes over 100 år

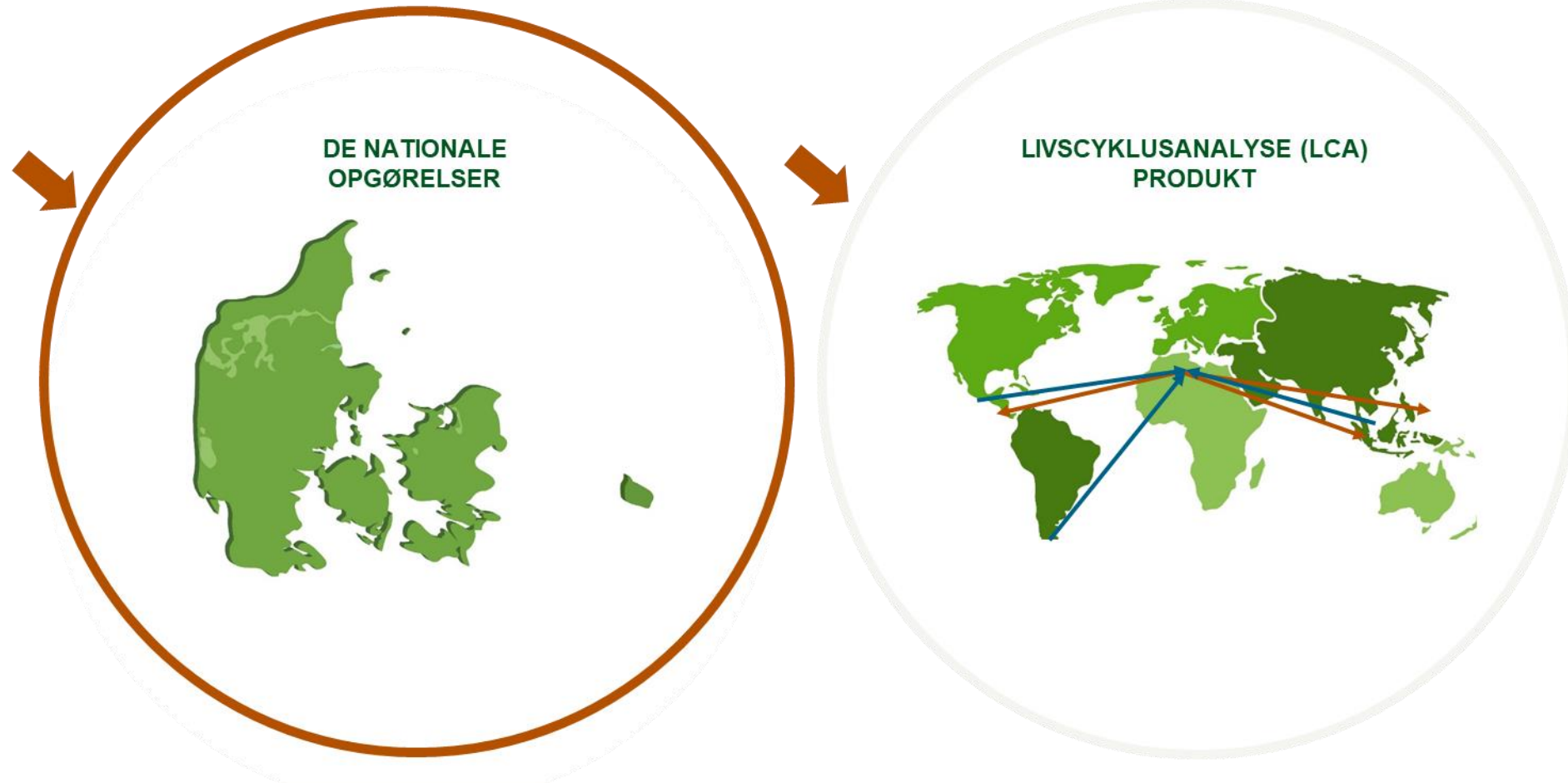


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Opgørelse af klimagasemissioner



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SPØRGSMÅL



NEXT GENERATION

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