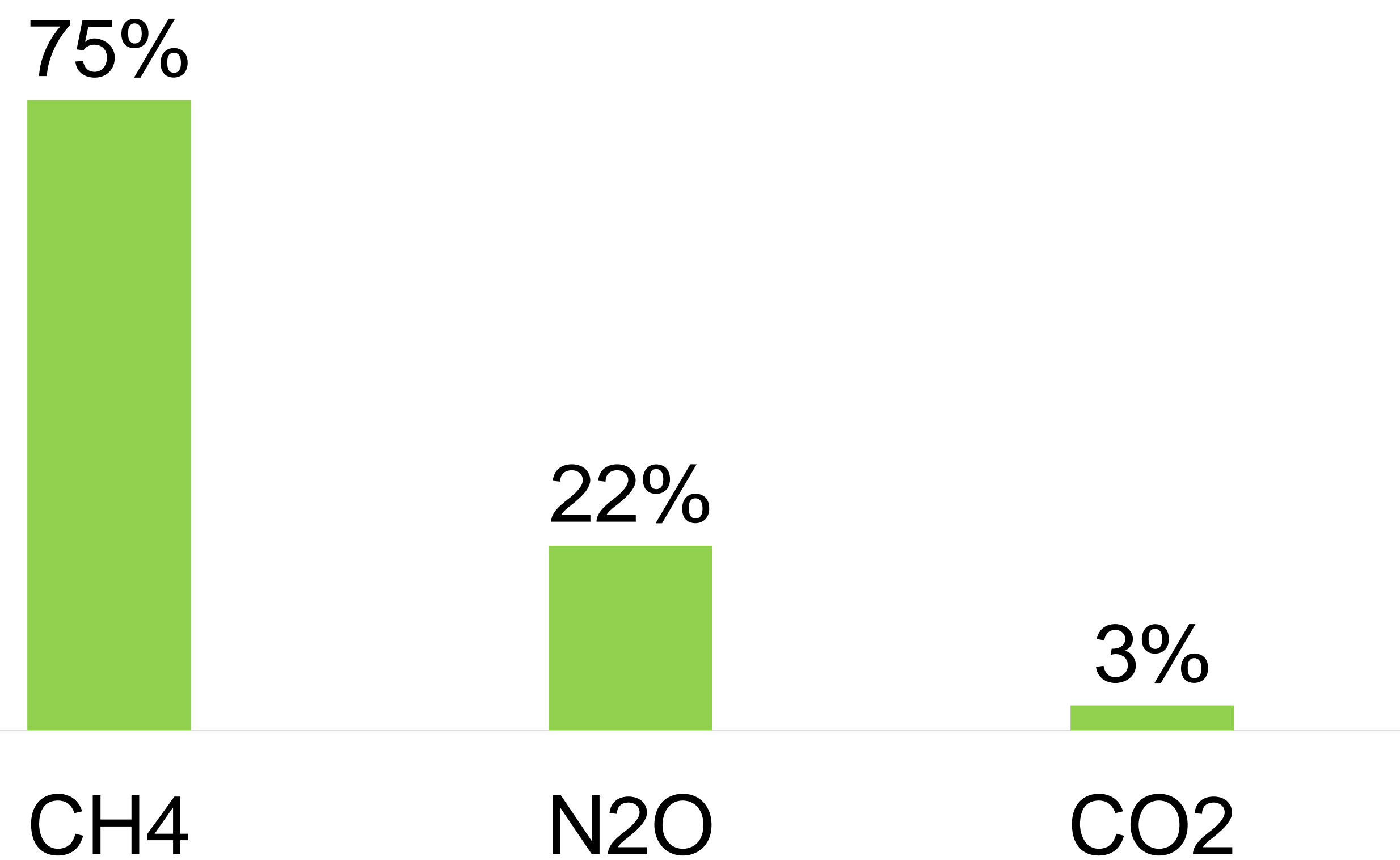


Enteric methane emissions

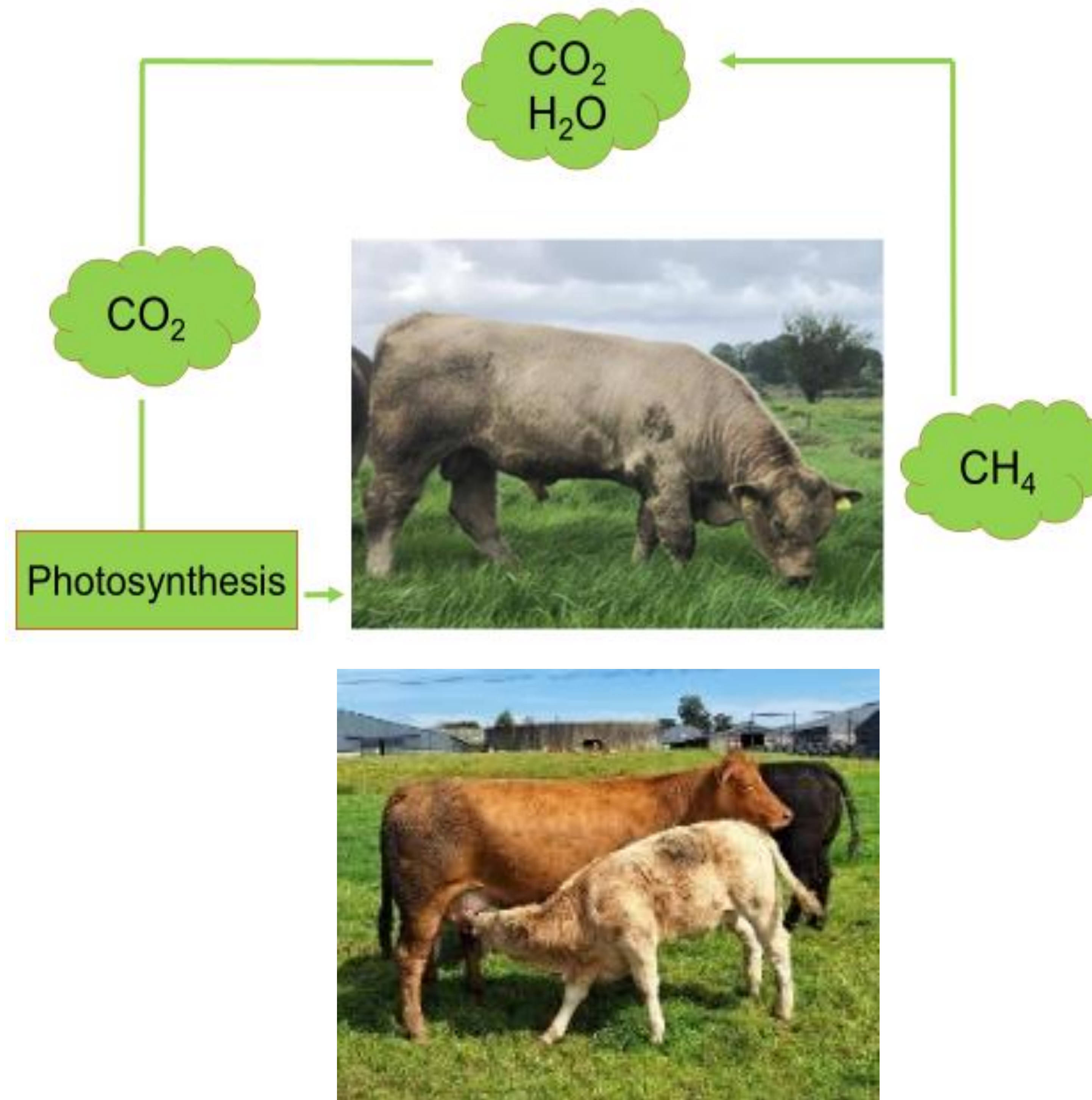
Agricultural GHG emissions (%)



Enteric methane emissions

What is it?

- Gas produced as a by-product during feed digestion
- Second most important GHG after CO₂
- GWP₁₀₀ = 27-28



- 202g of CH₄/day (suckler cow)
- ~2 tonne of CO₂eq/year (EPA, 2024)

Factors influencing enteric methane emissions

- Feed intake
 - (22-27g CH₄/kg of DMI)
- Diet
- Animal genetics
- Maturity
- Rumen microbiome

