

Organic farming's contribution to the “Fit for 55” package

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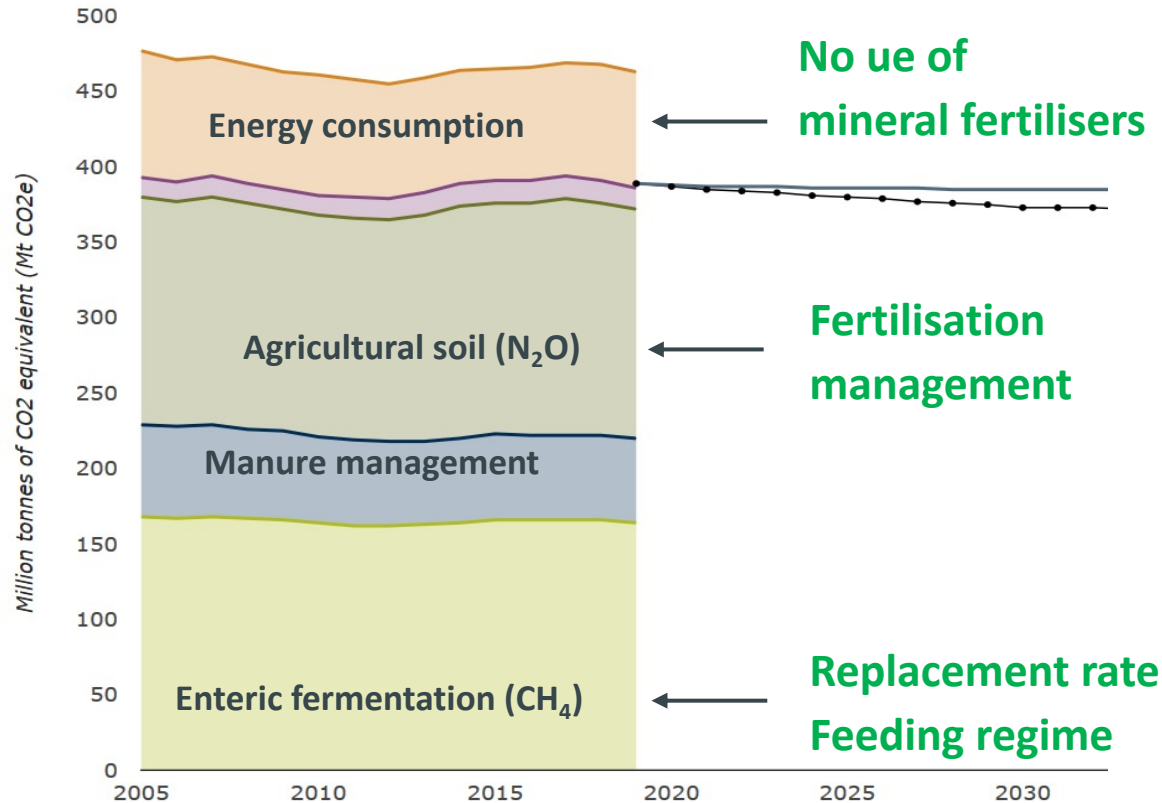
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Greenhouse gas emissions from agriculture in Europe and organic farming practices

C-Sequ.



System approach of organic farming

Quelle: EEA (2021)

Organic farming and climate change – no simple assessment

- Lower GHG emissions per hectare [1.082 kg CO₂-Eq., Gattinger et al. (2019)]
 - but similar / higher emissions per output
 - depending on past and current management practices and site-specific factors
- Comprehensive perspective on mitigation potential
 - Leakage effects & absolute net effects on CO₂ accumulation
 - Food waste & consumption patterns
- Cumulative environmental effects