



The voice of renewable gas in Europe

# Meeting of the CDG CAP Strategic Plans and Horizontal Matters

*23/11/2023*

**Lucile Sever, EBA Policy Officer**

# EBA members operate across the whole biogases value chain

+220  
companies

46 National  
Associations

Research  
Centres



# +18 bcm of biogases are being produced in Europe today



**18.4 bcm**

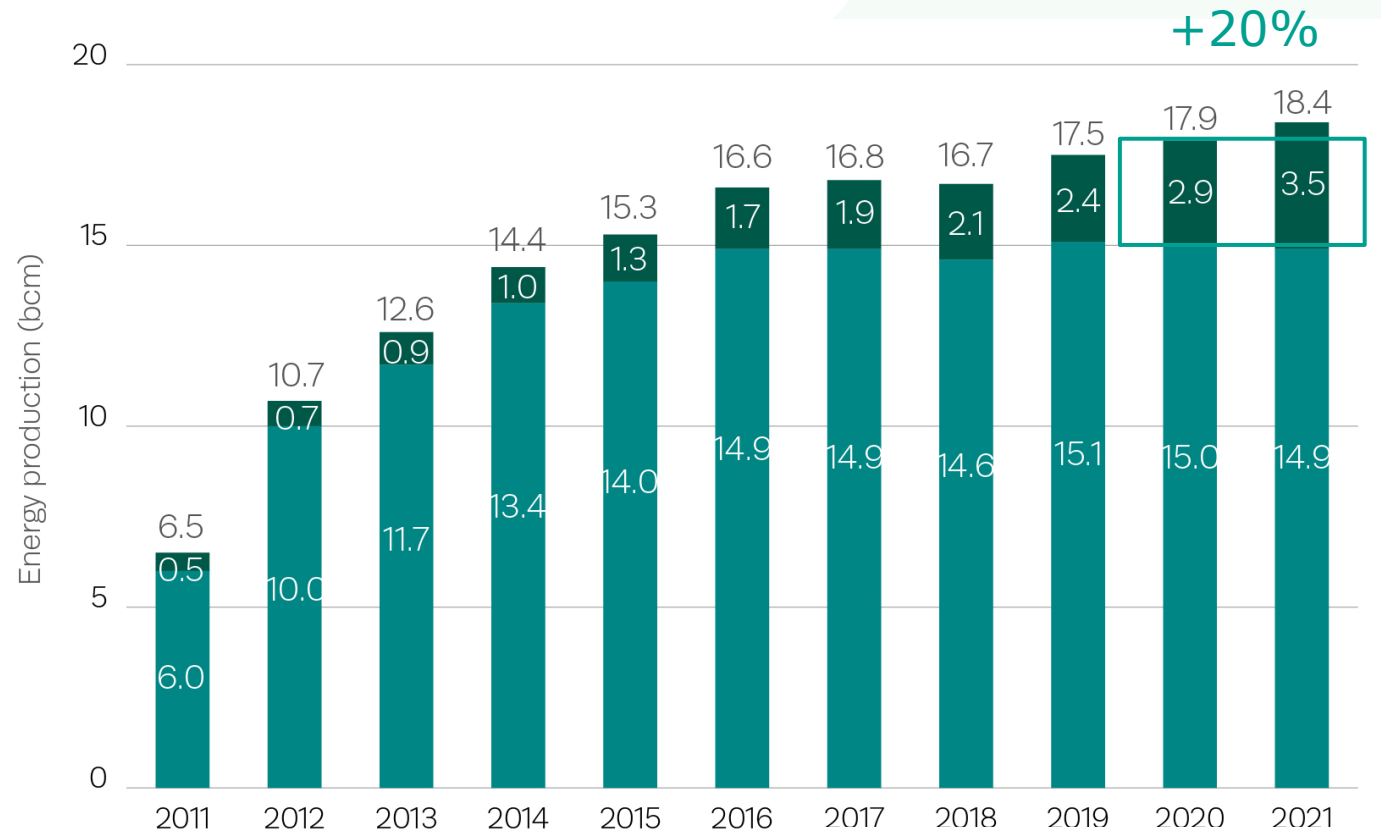
(196 TWh) of combined biomethane and biogas in Europe



Produced from:

- **18,843 biogas** plants in 2021
- **1,067 biomethane** plants in 2021

## Evolution of biogas and biomethane production (bcm)



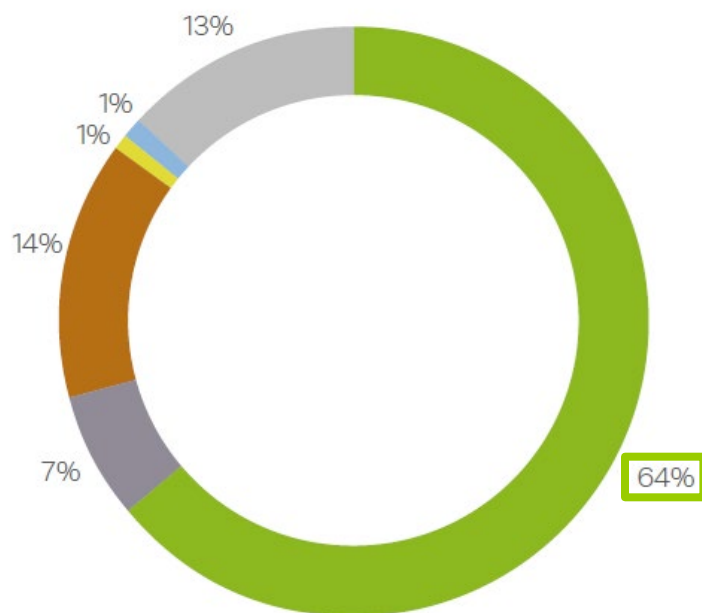
Source: [EBA Statistical Report 2022](#)

# Agricultural plants rank first for the biogas and biomethane production

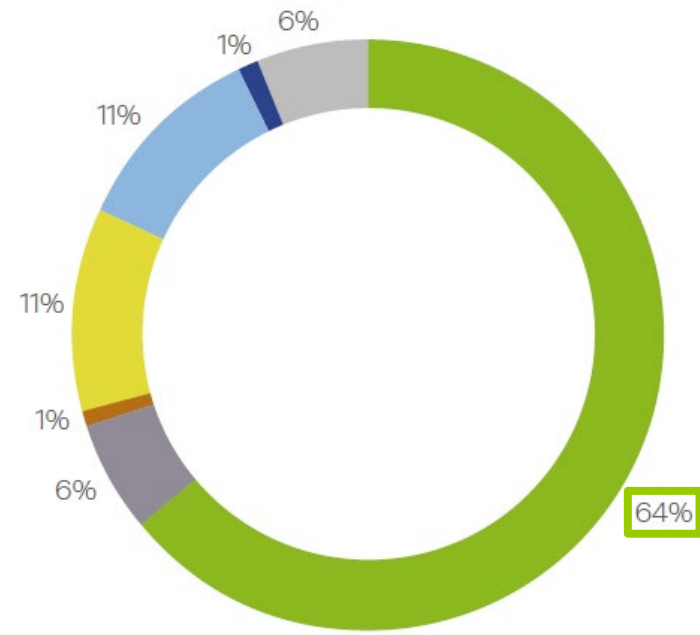


**64%** of the biogas and biomethane is produced from agricultural plants in Europe

**Biogas production per plant type in 2021**



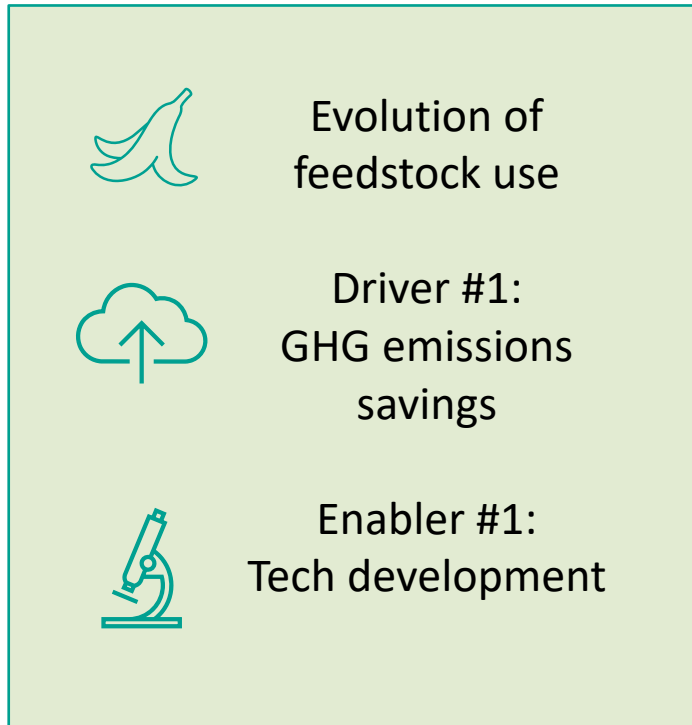
**Biomethane production per plant type in 2021**



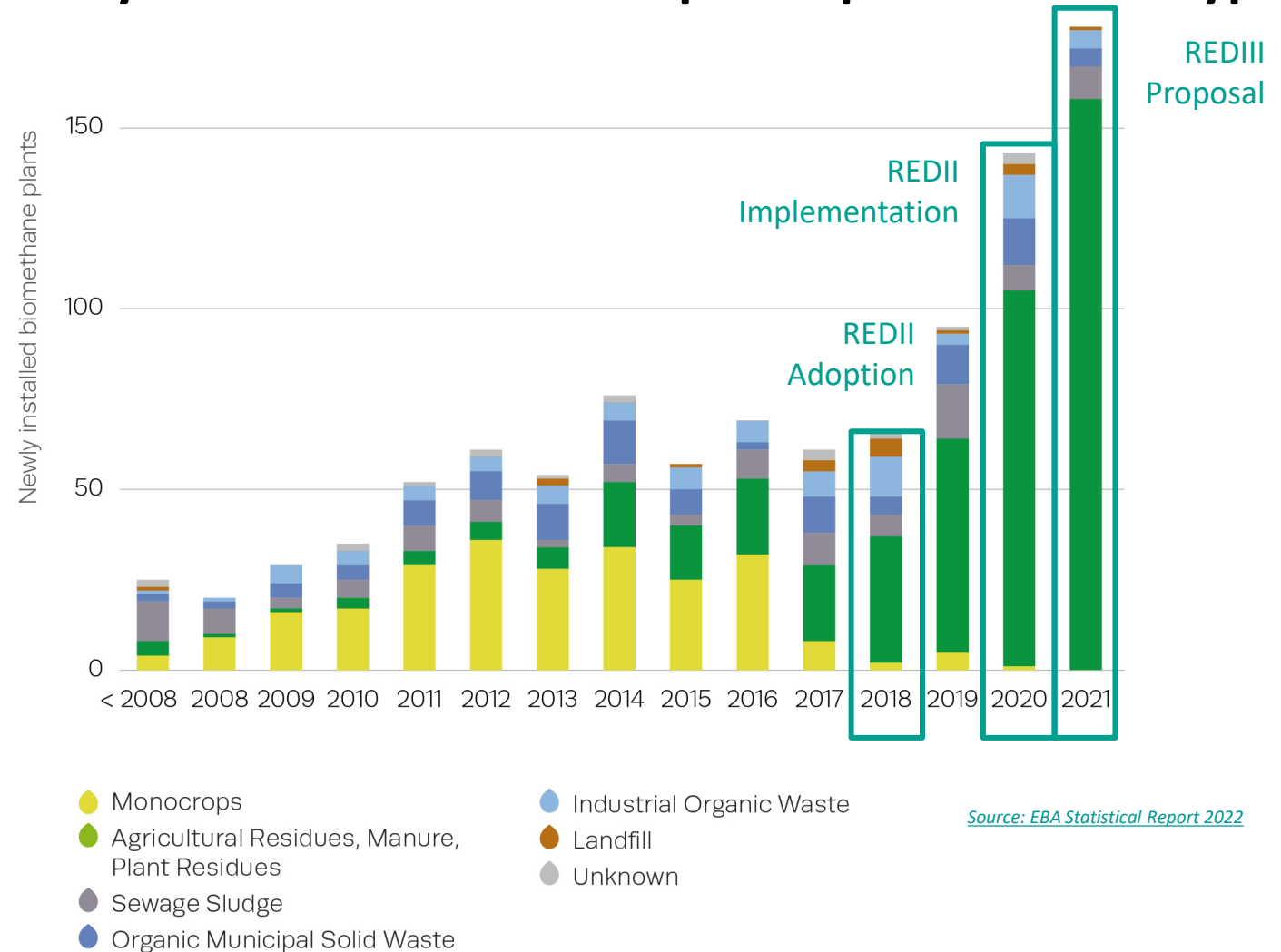
- Agricultural
- Sewage Sludge
- Landfill
- Organic municipal solid waste

- Industrial
- Other
- Unknown

# Biomethane in Europe is produced from sustainable feedstocks



## Newly installed biomethane plants per feedstock type

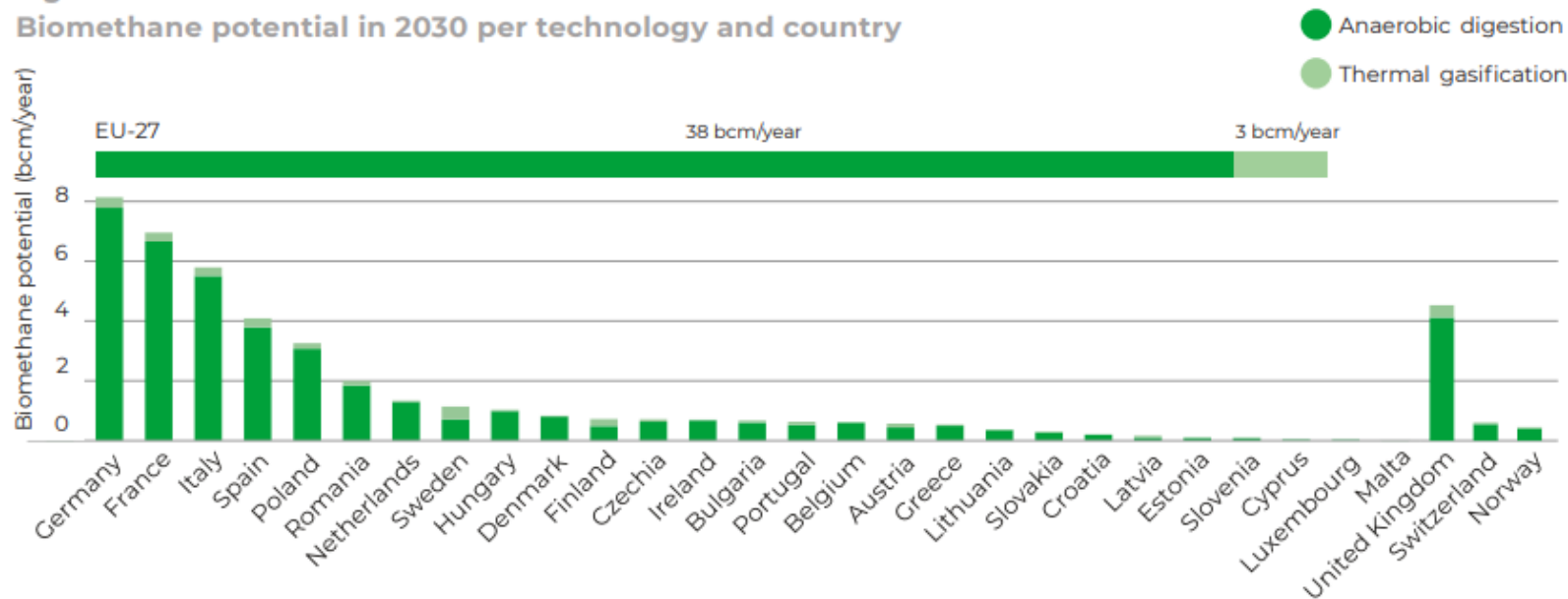


# 77% of biomethane produced from sustainable agriculture feedstocks in 2030

## 2030 national biomethane potentials

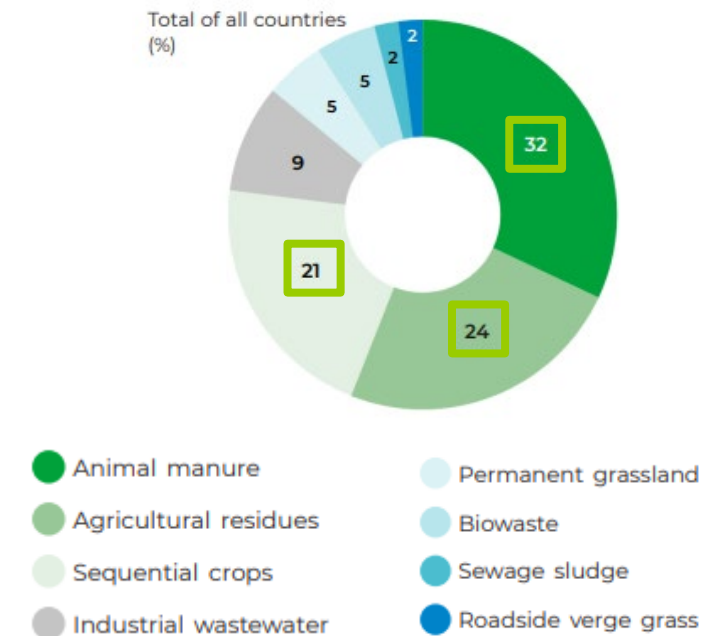
- EU-27's **production potential** (41 bcm) can **meet the REPowerEU 2030 target (35 bcm)**.
- It will replace  $\approx$  **15%** of a reduced **natural gas demand** in 2030.

**Figure 1.**  
Biomethane potential in 2030 per technology and country



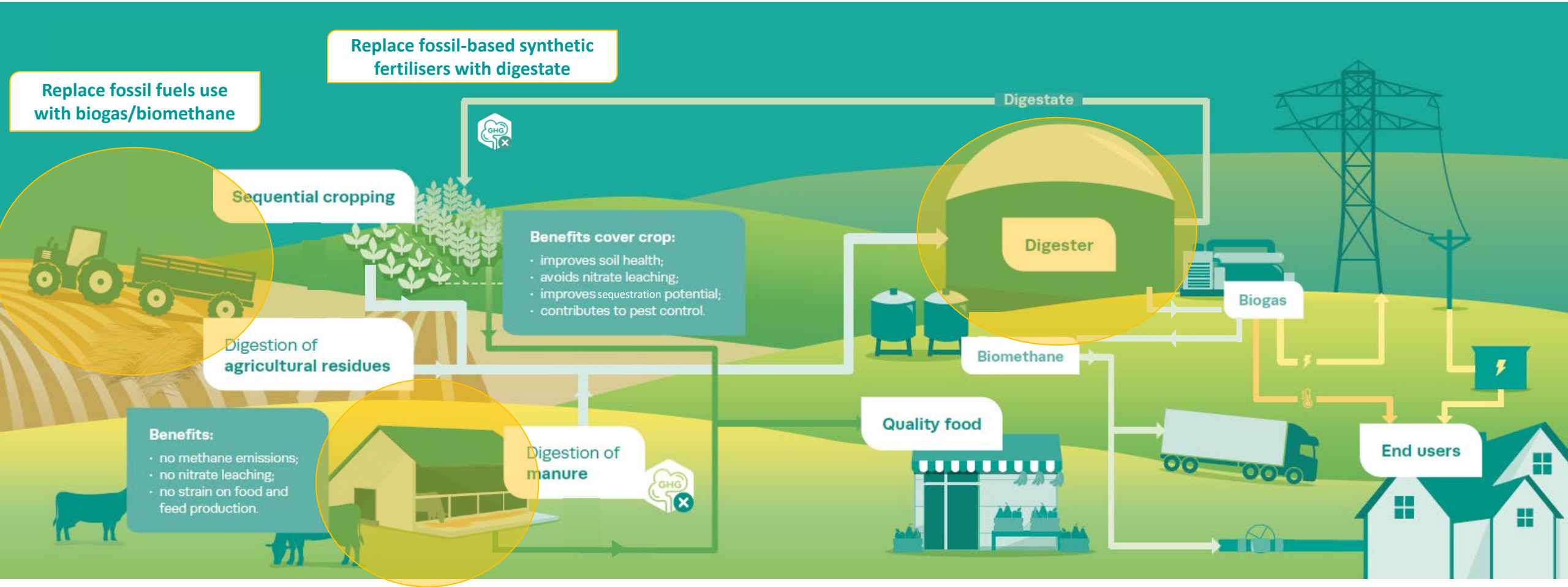
Source: Gas for Climate 2022

## Feedstock potential (all countries)





# On-farm biogas: a tool for a circular, regenerative and fossil-free agriculture





# THANK YOU!

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