

# Major policy trends on biogas

**Meeting with Avfall Norge**  
Brussels, 4 December 2019  
Susanna Pflüger

# European Biogas Association (EBA)

- **Full Members**  
38 National Biogas Associations
- **Associated Members**  
78 companies, universities, private persons
- 28 countries in Europe
- > 7,000 stakeholders
- One decade of representation in Brussels
- Norway:



**N2** ——— **Applied**

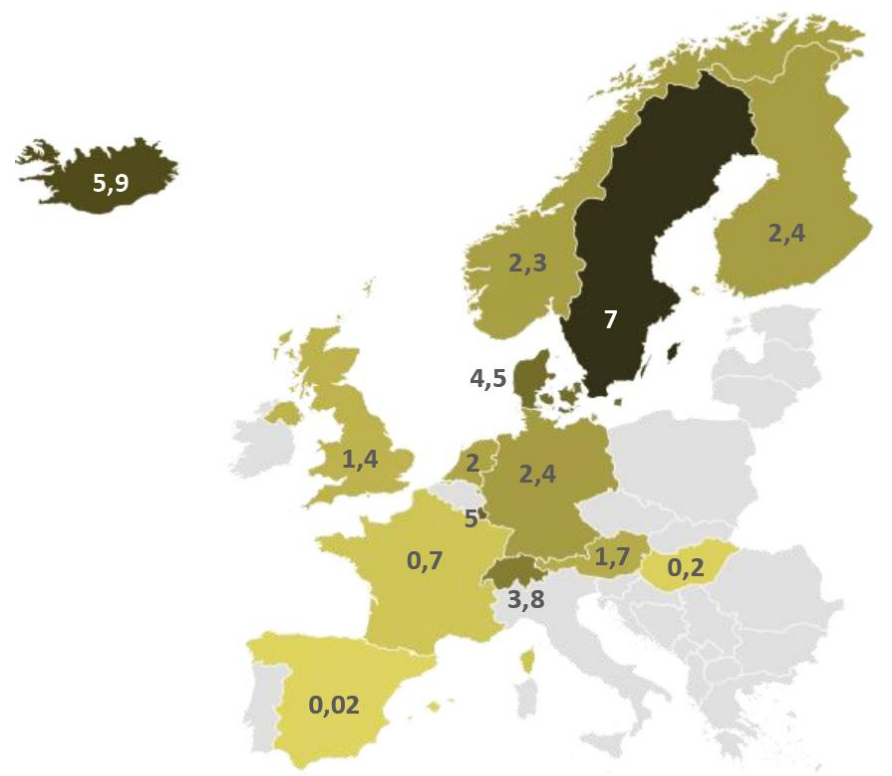
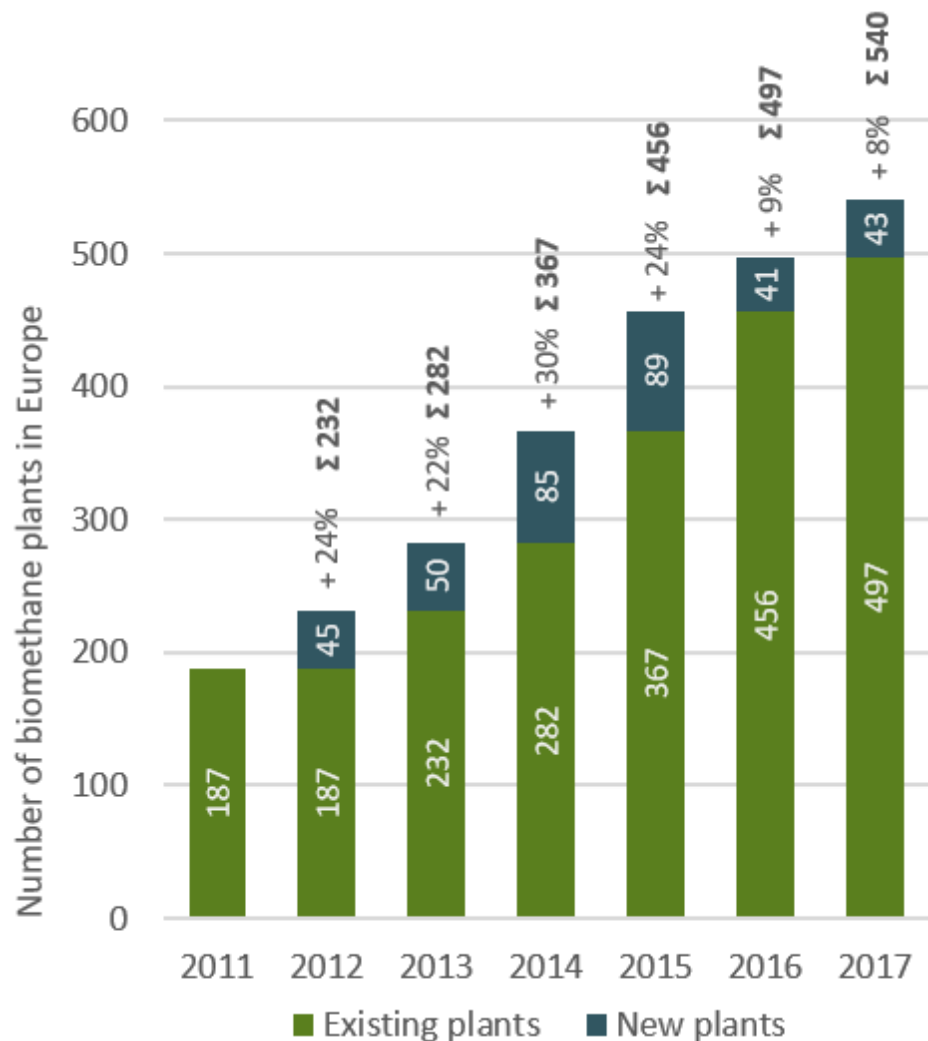


# EBA activities

- **EU policy monitoring & influencing**
- **Working groups**
  - Future of gas; Digestate & Fertilisers; CO2 pricing; Transport; Agriculture; Gasification
- **EU-funded projects**
- **Events 2020**
  - January: Decarbonization Workshop
  - June: Annual Conference in Ireland
  - Project workshops
- **Publications**
  - Statistical report; success stories etc.
- **Biogas promotion across the continent**
  - Newsletter; Participation in exhibitions & conferences; support for members



# Development: number of biomethane plants in Europe (left) Number per 1 Mio capita (right)

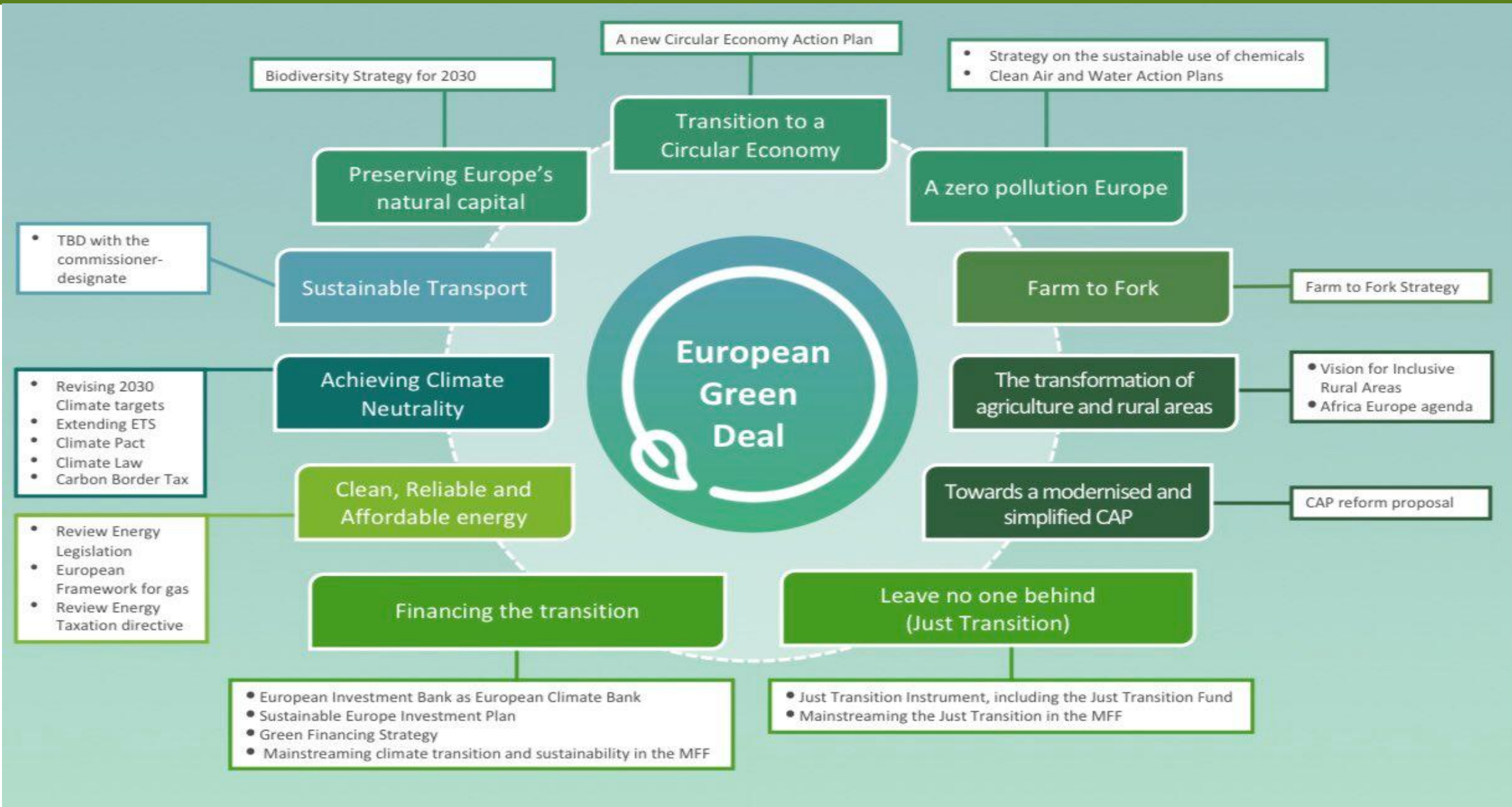


Approx.: 18 bcm biogas  
2 bcm biomethane

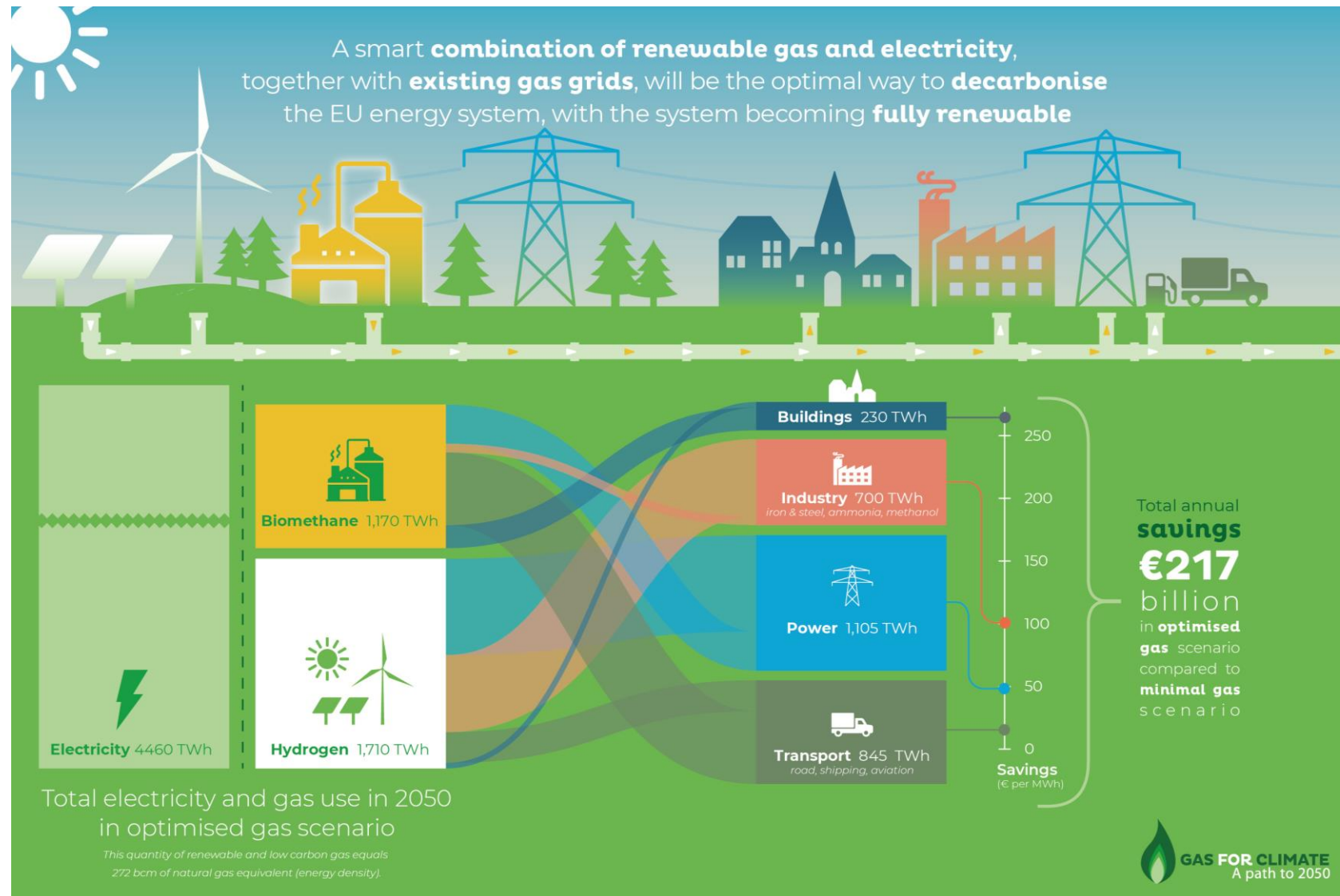
Electricity production:  
65,179 GWh

Source: EBA Statistical Report 2018

# European Green deal – on the way to the first climate-neutral continent



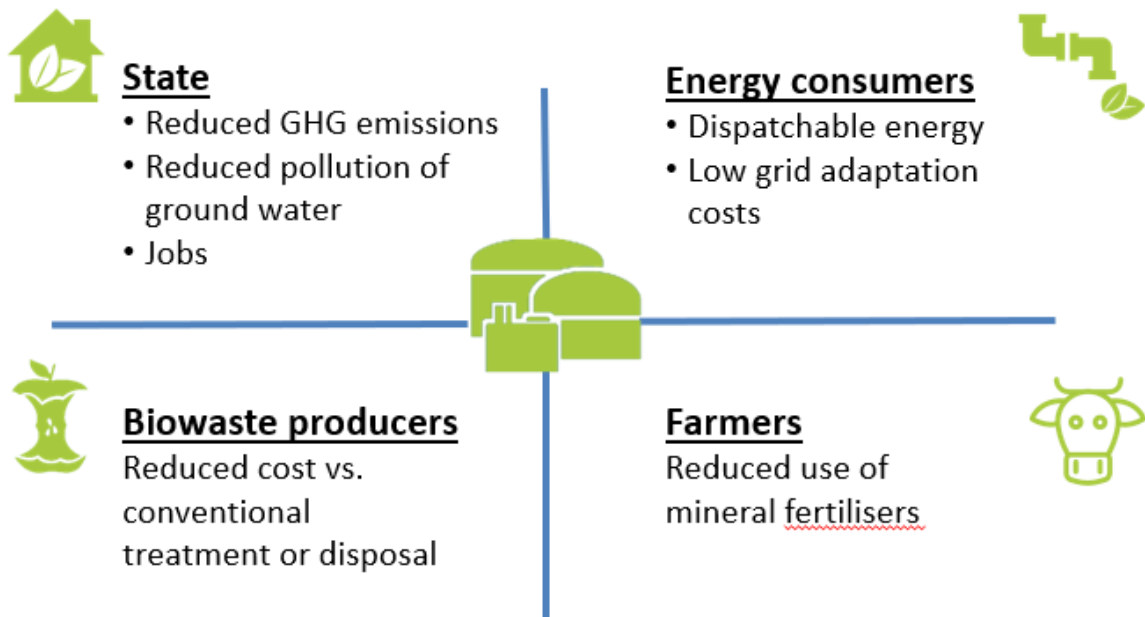
# Cost-efficient energy system with net-zero emissions by 2050



# National Biogas and Biomethane Targets

- **France**
  - **10 % renewable gas** in the grid by 2030
  - Potential for reaching **100% renewable gas** by 2050
- **Italy** 80 TWh **biogas** by 2030
- **Sweden**
  - 15 TWh **biogas** by 2030
  - GHG reduction in transport 70% in 2030 when compared to 2010
  - Vision of **fossil-free transportation** sector by 2050
  - Carbon neutrality by 2045
- **Finland** 15 TWh **biogas** by 2045, RES share in transport 50% by 2030  
– Carbon neutrality by 2035
- **Denmark** **20% renewable gas** by 2020, **50%** by 2030, **100%** by 2050

# What is the contribution of biogas?



But we must also value:

- Soil health
- Biodiversity
- Self sufficiency
- Storability
- Flexibility
- Etc.

Source: ENEA Consulting, *Revue des externalités positives de la filière biométhane*, 2019



# Ongoing EU policies: Implementation of Clean Energy Package

- **Adopted in 2018-2019**

- **RED II**

- Review of targets in line with Green Deal
- How to take hydrogen/power-to-methane into account?
- Guarantees of Origin for gas: how to make them support the European biomethane market in a harmonized way?

- **Governance Regulation**

- National Energy and Climate Action Plans
- Several countries with high ambitions for RES and even biogas (FR, IT, FI, IE) but the draft plans have still a gap for the EU28 – finalization of the plans ongoing



# Decarbonisation package

- Timing: 2020-2021
- Focus on gas, sector coupling and sector integration
- Gas must be climate-neutral by 2050
- What is the role, potential and costs of renewable gases
- Gas market design, overcome remaining barriers on the European gas market
- A target for renewable gases? Or in the RED II?



# Other ongoing/new policies and legislation

- **Carbon price: taxation or revised ETS?**
- **State Aid Guidelines for renewable energy as of 2022**
- **Directive on Alternative Fuels Infrastructure**
- **Emission calculation in CO2 standards for HDV and LDV**
- **Sustainable finance**
- **Common Agricultural Policy after 2020**
- **New Fuel Quality Directive?**



# How to achieve climate-neutrality and green leadership in Europe?



- ❖ **Renewable gases must be a key element of the Green deal:** they are a vital tool to meet some of Europe's key policy aims such as energy security, circular economy, sustainable employment and climate-friendly energy. With the right support, renewable gases can be competitive and mature by 2030 and reach significant volumes by 2050.
- ❖ Biomethane uses the same infrastructure as natural gas → green investments to retrofit the gas grid must be allowed in the European policy on sustainable finances.
- ❖ There must be a **comprehensive approach to sustainability** in all sectors and life-cycle analyses must be considered.
- ❖ **Resource-efficiency** and **circularity** cornerstones of all policies.
- ❖ We need a **holistic policy approach, sector integration and an adequate carbon price** to make biogas competitive.

# Takk!

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Secretary General

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