



# **Biometaania kannattavasti?**

**Ari Suomilammi**  
**Head of Renewable Gases**

ProAgria  
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**Gasum**

# Gasum – a Nordic gas sector and energy market expert

We offer cleaner energy and services to help our customers to reduce their own carbon footprint as well as that of their customers.

Together with our partners, Gasum promotes development towards a carbon-neutral future on land and at sea.

Our services and solutions are used in maritime, road transport, industry and energy production.



Revenue  
**€1,456.9 million**

Balance sheet total  
**€1,637.9 million**

Personnel  
**338**

Energy products  
**Biogas, LBG,  
Natural gas, LNG,  
Windpower, Power**

Services  
**Gas filling station network,  
Bunkering services for  
maritime transport,  
Energy Market Services,  
Portfolio Management  
Services,  
Trading services,  
Circular Economy Solutions**



Industry and  
energy production



Maritime transport



Road transport

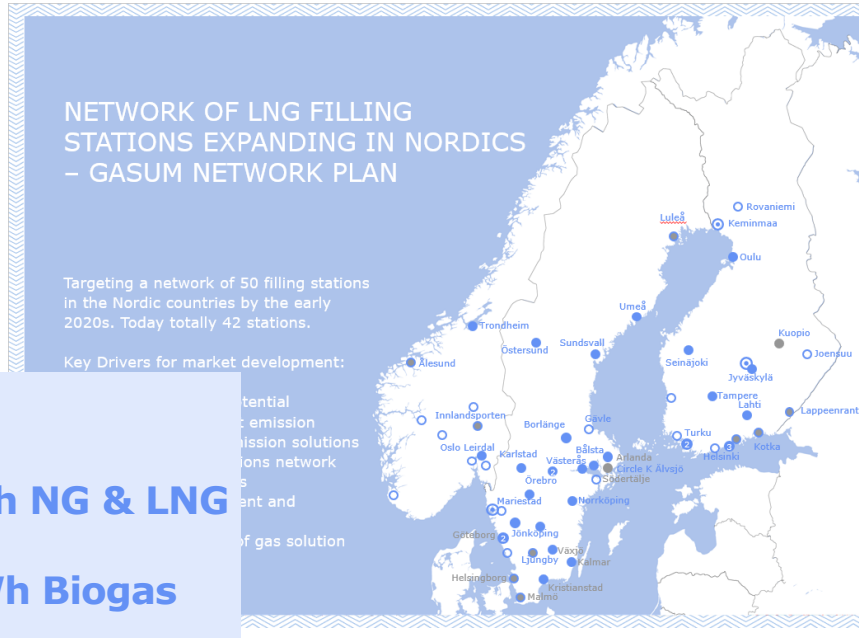
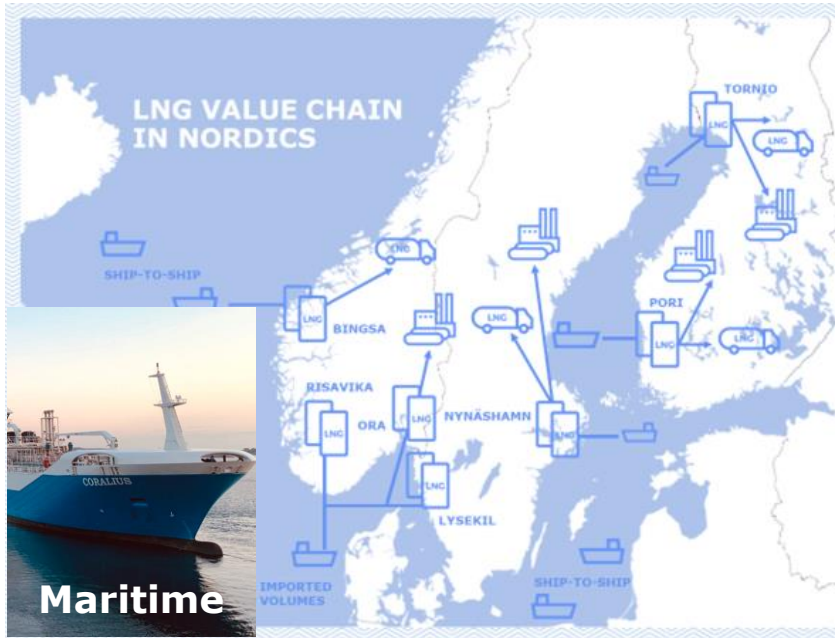


Biogas and  
circular economy



Energy market services

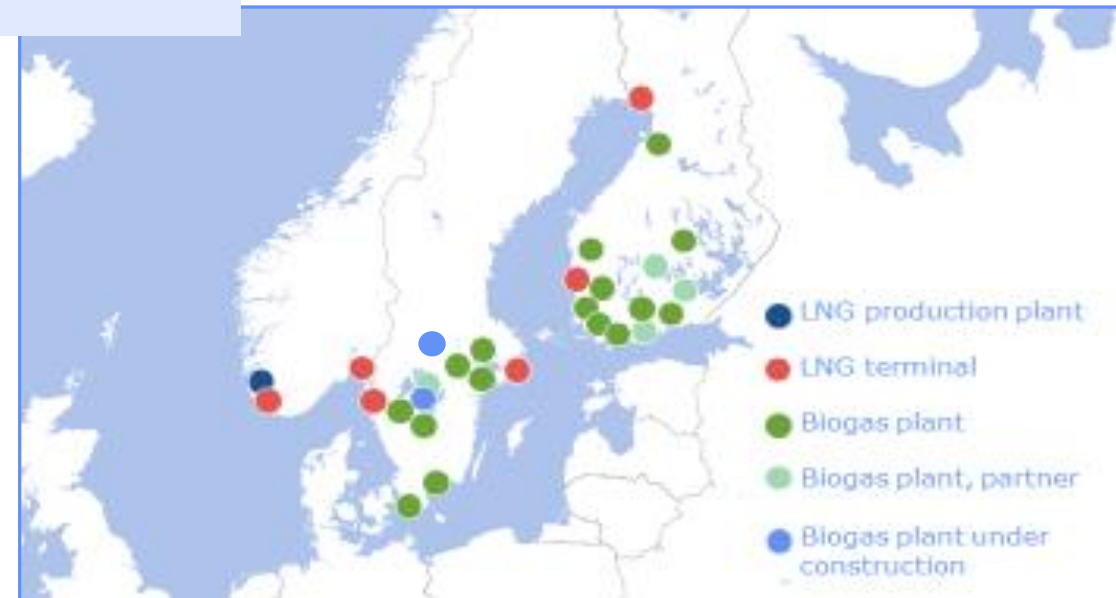
# The Gas Ecosystem serving Market Growth



**2023:**

- 16 TWh NG & LNG**
- 1.7 TWh Biogas**

- LNG
- 5 Bunkering vessels
- 17 Biogas plants, 3 partner plants
- 2 (+3) Biogas plants under construction
- More than 100 gas filling stations



# Biomethane in Gasum's strategy

- Biogas and biomethane is in the core of strategy
- Biomethane demand is increasing in our Nordic target markets:
  - Industry
  - Maritime
  - Traffic
- Targeting at 7 TWh/a of biomethane available for our customers in the Nordic markets by 2027
  - 2 TWh/a own production
  - 5 TWh/a sourced



Total energy demand in the Nordic market (Nor, Swe, Fin)  
 ~**750** TWh/a



**Industry**  
 ~**390** TWh/a

**Road transport**  
 ~**190** TWh/a

**Maritime**  
 ~**160** TWh/a

# WHERE DO WE SOURCE BIOMETHANE FROM

## Currently sourcing

- Denmark<sup>1,2</sup>
- France<sup>2</sup>
- Latvia<sup>1,2</sup>
- Spain<sup>1</sup>
- The Netherlands<sup>1,2</sup>
- UK<sup>2</sup>
- Belgium<sup>1</sup>
- Norway<sup>1</sup>
- Sweden<sup>1</sup>
- Finland<sup>1,2</sup>

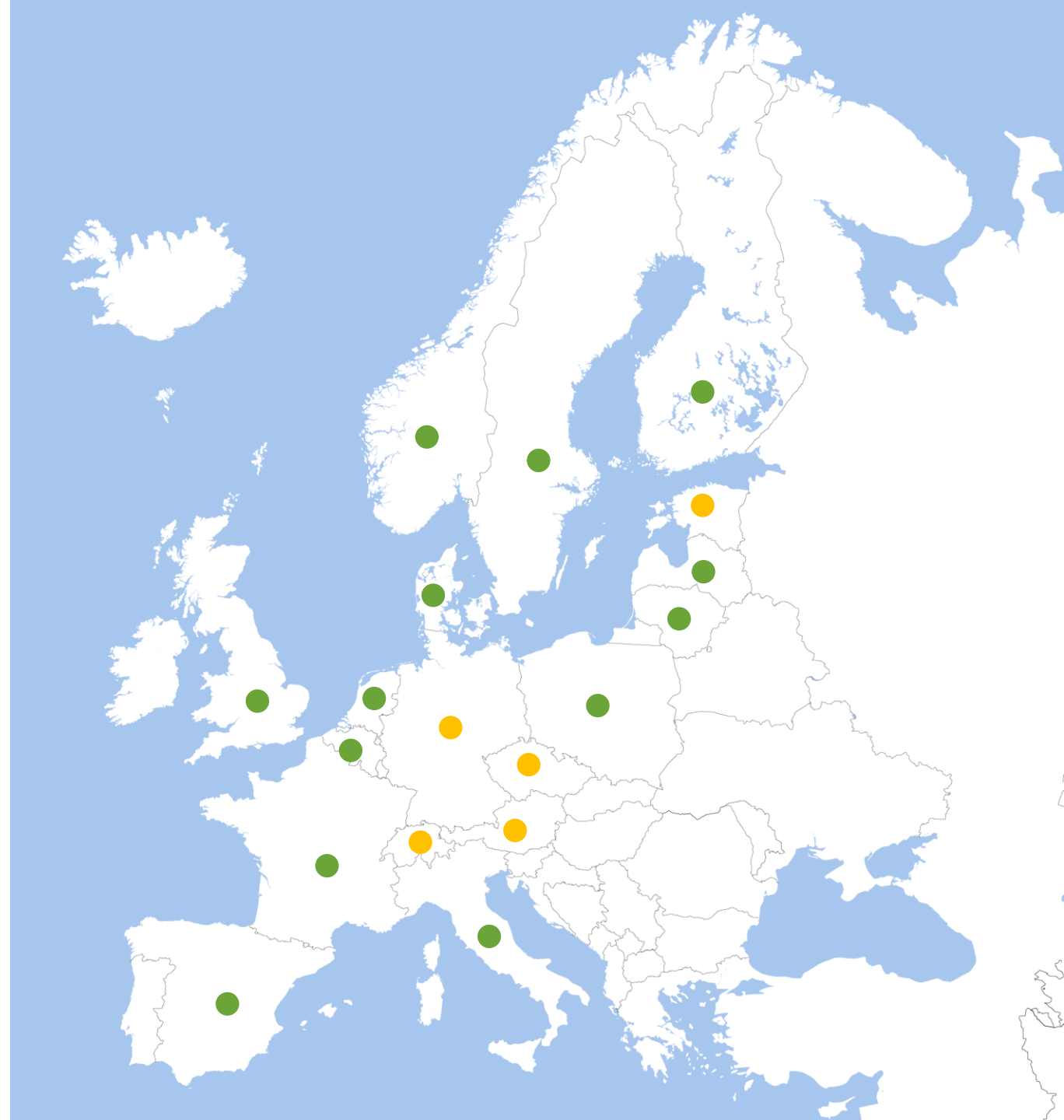
## Preparatory phase:

- Italy
- Lithuania<sup>1</sup>
- Poland<sup>1</sup>

## Evaluating:

- Estonia<sup>1</sup>
- Germany<sup>1,2</sup>
- Austria
- Czech republic
- Switzerland

1) Shipper  
2) GoO account





# BIOMETHANE LOGISTICS SOLUTIONS

Ship and truck transportation of liquefied gas

Truck transportation in pressurised gas containers

Gas transmission in transmission and distribution networks

Mass balance system with Guarantees of Origin (GoO) and Proof of Sustainability (PoS)



# Gasum

**CLEANER ENERGY**