

## CONFERENCE ON CLIMATE NEUTRAL TRANSPORT GOODBYE AIR POLLUTION!

Tallinn 19th of September 2019

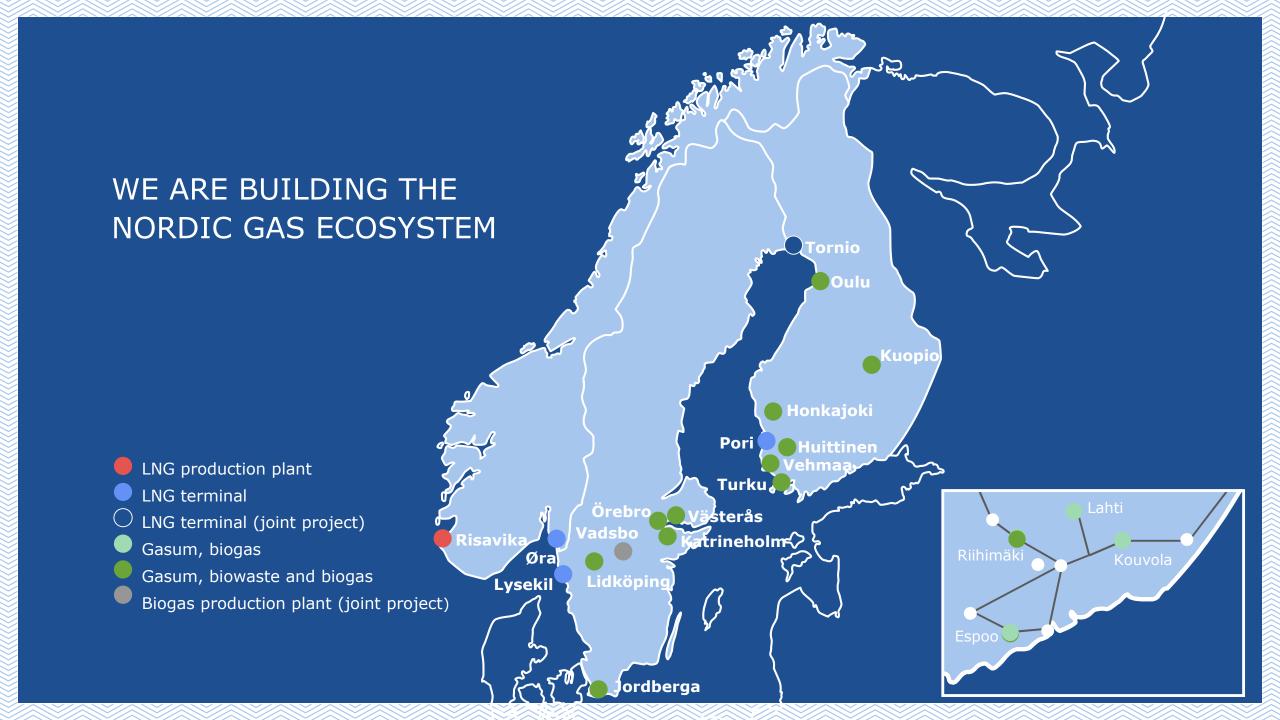
### "CNG and LNG Developments in Nordics"

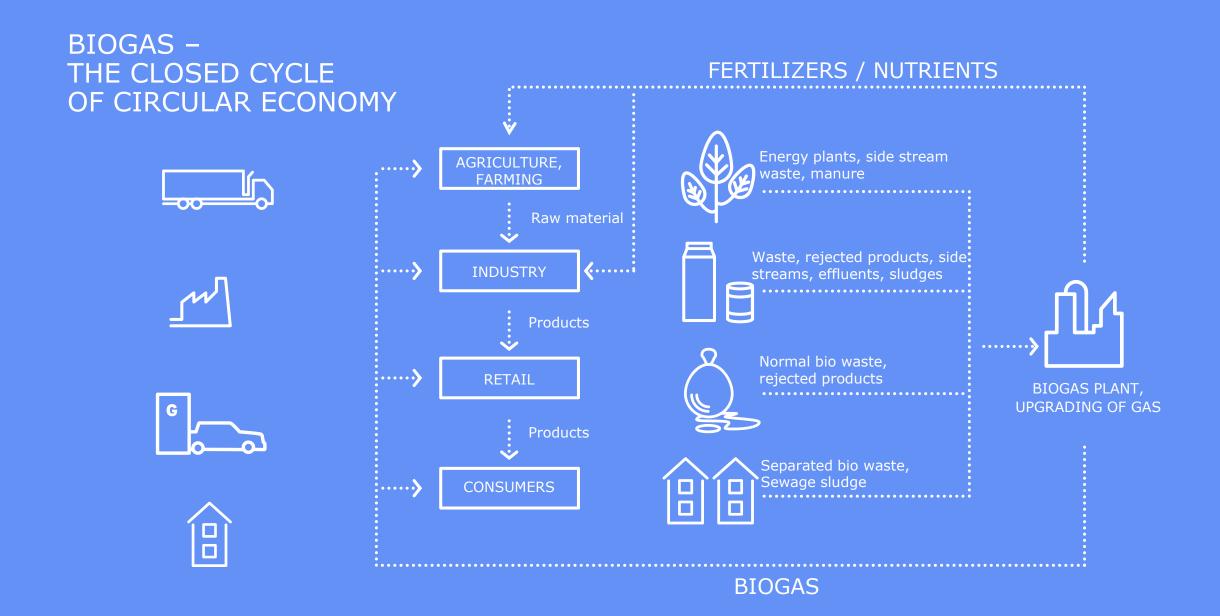
Jussi Vainikka, Senior Business Development Manager, Traffic





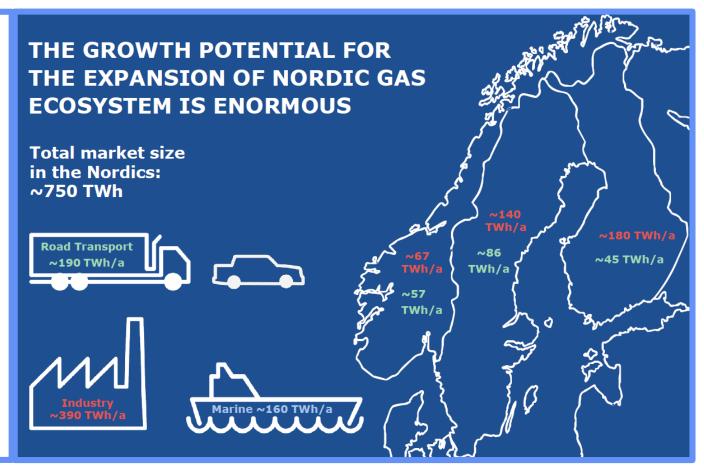


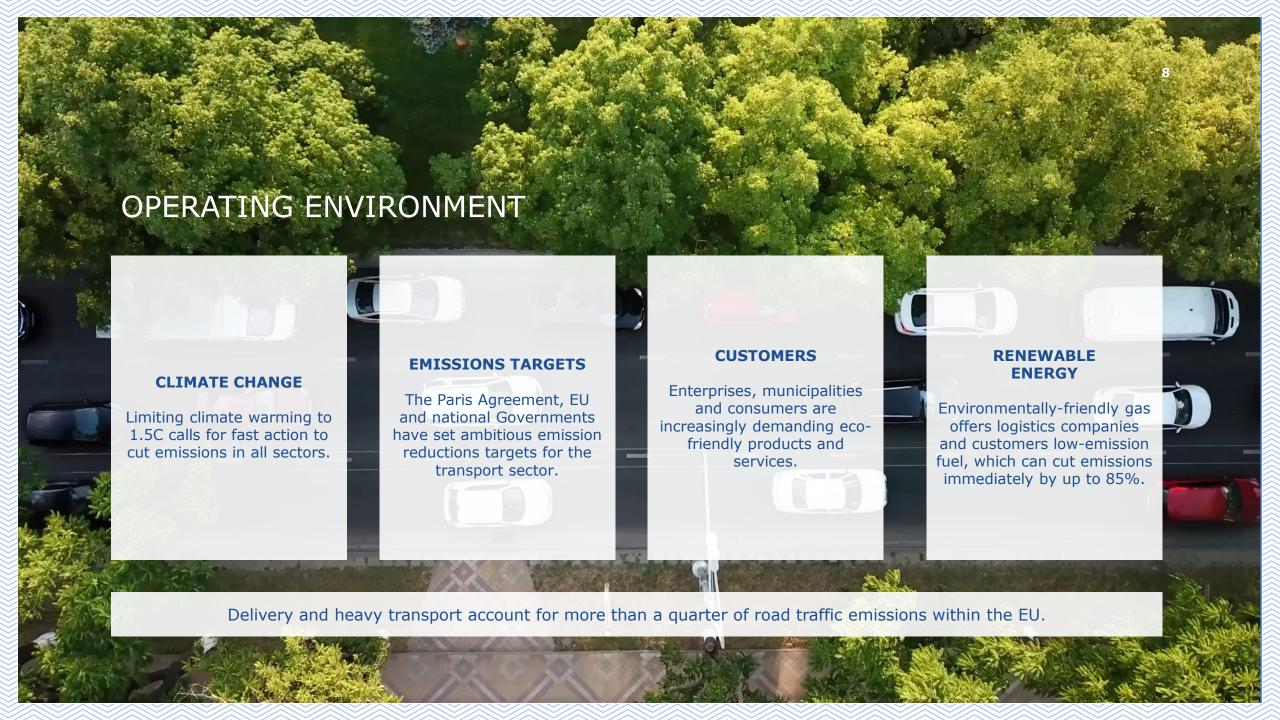




#### THE NORDIC OPERATING ENVIRONMENT

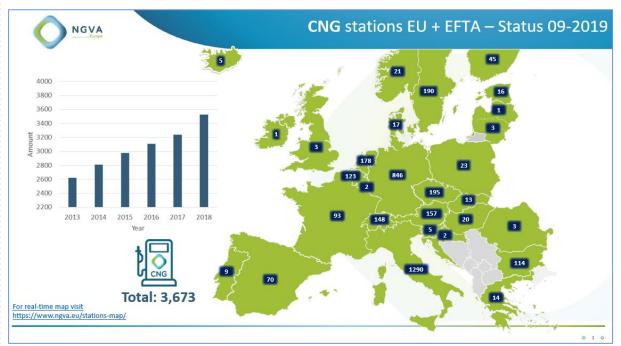
- Significant emission reductions and increased sustainability are required
- EU and national climate goals steer the transport sector towards a cleaner solutions in the Nordics
- Customer demand for environmentally friendly products and services is increasing rapidly across the Nordics
- Real demand for cost-efficient solutions, high security of supply and right business partnerships
- Major local and sustainable feedstock potential for biogas in the Nordics, biogas potential up to 40% of energy consumption in road transport segment in the Nordics

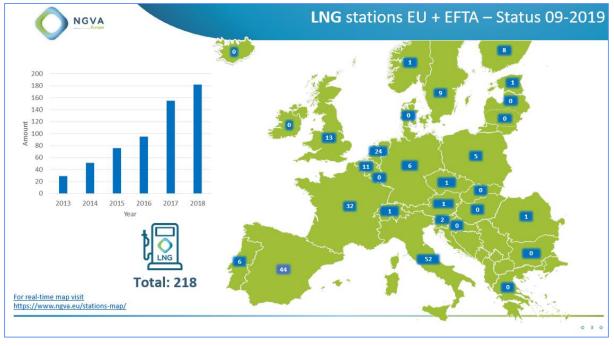




Source: NGVA Europe

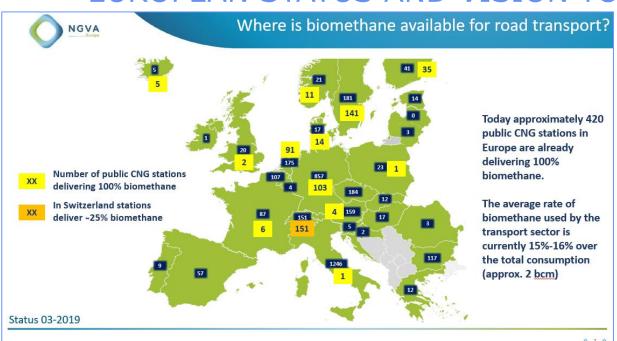
### EUROPEAN STATUS AND VISION TO 2030 (NGVA)

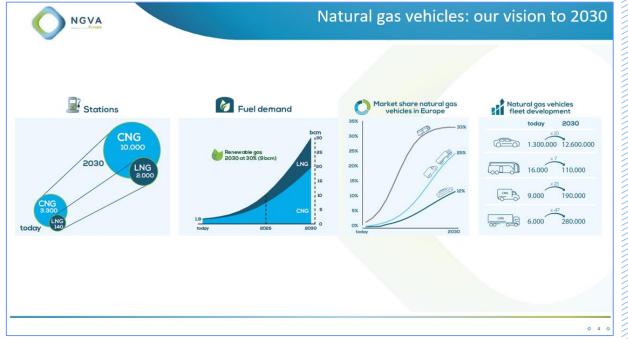




Source: NGVA Europe

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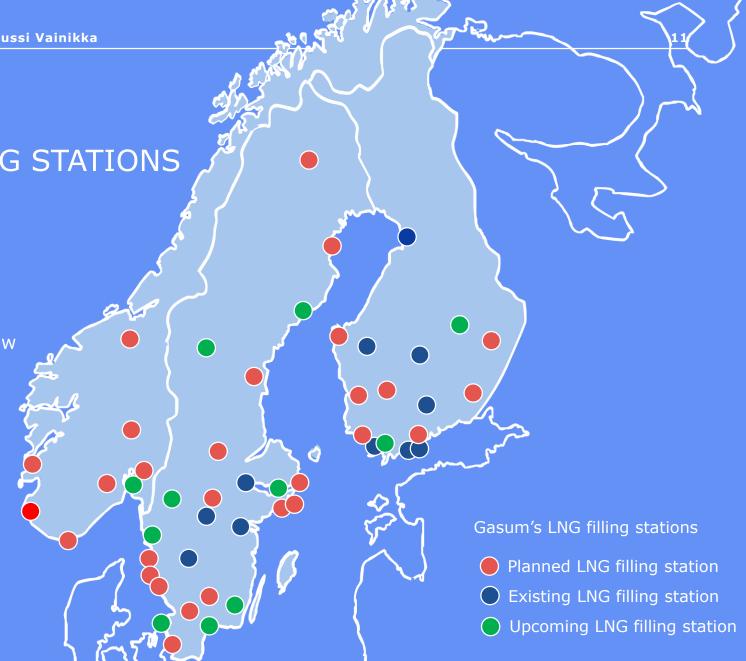
## NETWORK OF LNG FILLING STATIONS EXPANDING IN NORDICS

 Network of 50 filling stations in the Nordic countries by the early 2020s

 Role of gas in heavy transport will grow significantly in the coming years

- Attractive technology
- Affordable price
- Improved availability
- Effective emissions reduction

 Our road map reflects the ambition to sharply increase the role of LNG as a fuel in the Nordic HDV segment and accelerate this development



GROWING GAS VEHICLE FILLING STATIONS NETWORK IN FINLAND

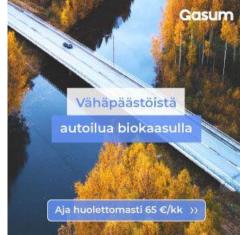


- Gasum filling station
- Other operator's filling station
- Gasum filling station under planning / construction



## MARKETING COMMUNICATIONS FASCINATION OF DIGITAL PLAYGROUND













# +215% INCREASE IN UNIQUE PAGEVIEWS

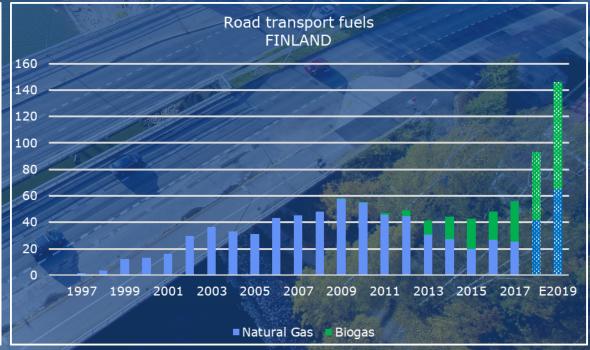
2016: 400,413

2018: 1,265,996









Source: Traficom and Gasum

Source Y1996-2017: Statistics Finland's PxWeb databases Y2018-2019: Gasum estimations



Source A2007-E2020: Traficom and Gasum Y2030 TARGETS:

• E&C "Government report on the National Energy and Climate Strategy for 2030":

### 50 000 NGVs

January 2017

• ILMO45 "Action programme for carbon-free transport 2045, Final report by the Transport Climate Policy working group":

130 000 NGVs + 6 000 HDVs

December 2018



### **VALIO**

"Environmental criteria and green values weigh heavily in our choices. Besides which, driving and refueling a gas vehicle is the same as any other."

- Logistics Manager at Valio



### LIDL

"We're happy to gain access to a newgeneration low-emission transport fleet. This cooperation supports our investments in environmental friendliness and the efficient utilization of recycled fractions."

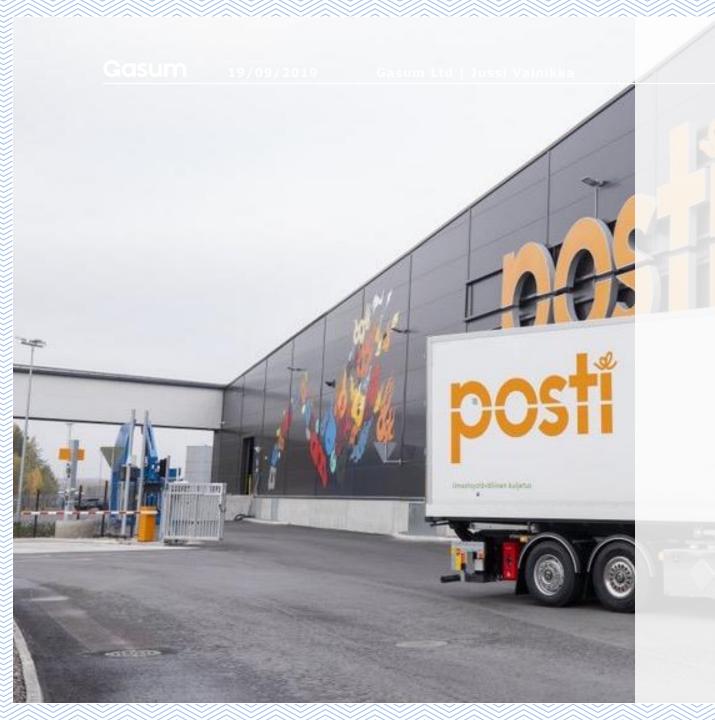
- Project Manager at Lidl



### **HEINON TUKKU**

"Traffic generates a considerable share of overall emissions and we're working to reduce them through the choices we make. Compared with a diesel motor, for example, a biogas-fueled vehicle also significantly reduces noise nuisance."

- Transport Manager at Heinon Tukku



### **POSTI**

"To cut transport emissions we need several different ways and alternative fuels, such as LNG, which is one way."

- Head of Sustainability at Posti Group



## WIE 9 GAS