CLEAN ENERGY THROUGH CIRCULAR ECONOMIES – TOMORROW'S SOLUTION AVAILABLE TODAY Matti Ojanpää | 22.3.2018

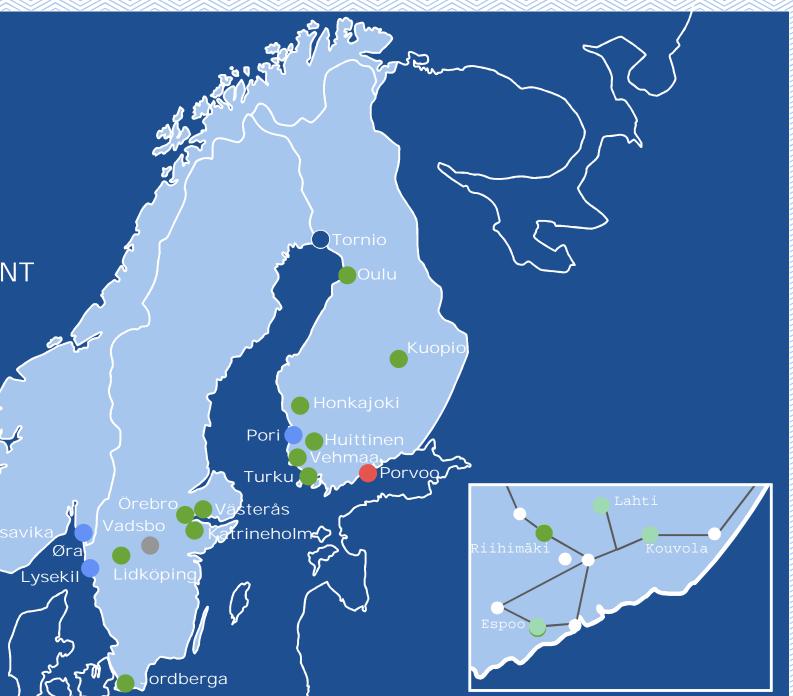
We're working for a cleaner tomorrow.

We're doing that by expanding the gas market.

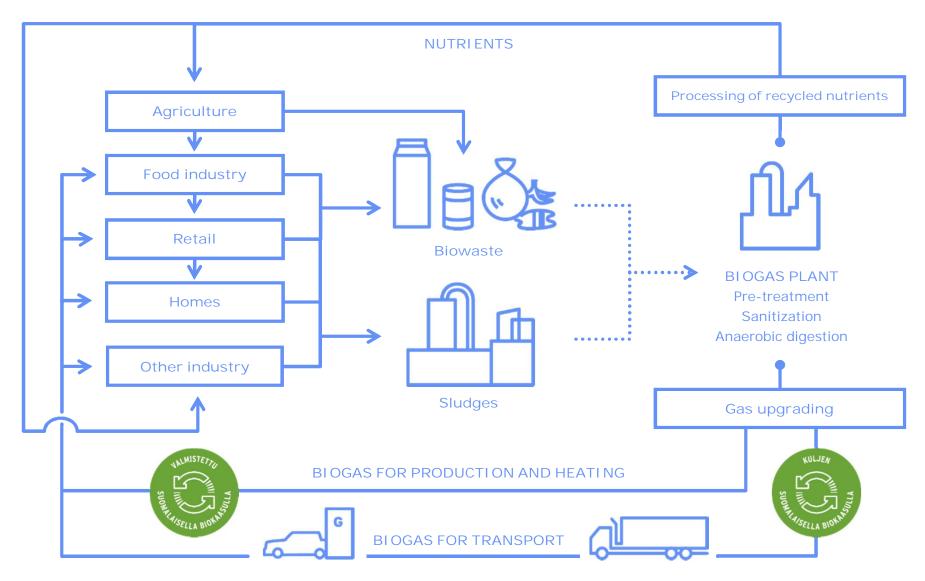


### GASUM IS DEVELOPING THE NORDIC GAS ECOSYSTEM AND PROMOTING SUSTAINABLE DEVELOPMENT

LNG terminal
LNG terminal (joint project)
Gasum, biogas
Gasum, biowaste and biogas
Biogas production plant (joint project)



#### TURNING BIODEGRADABLE WASTE INTO RENEWABLE ENERGY



#### THE CLEANEST ALTERNATIVE

• Biogas is 100% domestic Energy

 Produced of fully renewable rawmaterials

• Zero net-emission



#### FOR EXAMPLE, THE FOLLOWING PRODUCTS CAN BE **PRODUCED WITH ENVIRONMENTALLY FRIENDLY** BIOGAS







BREAD









LIVER



COFFEE

TOWEL

BEER

CHOCOLATE

SAUSAGE

CASSEROLE

MUG

CAND

CAN BE RECOGNIZED FROM THE FOLLOWING LOGO:





## GROWING GAS VEHICLE FILLING STATIONS NETWORK IN FINLAND

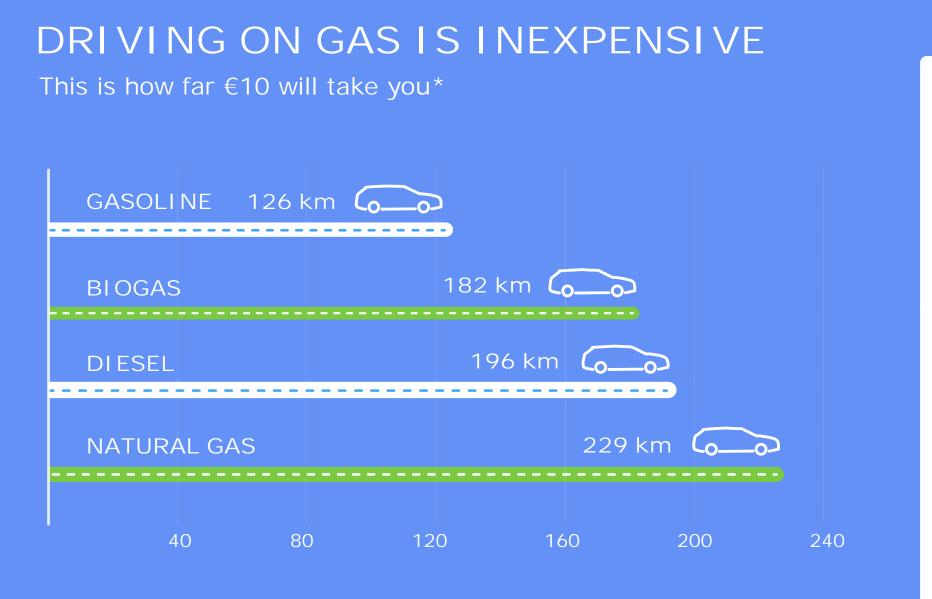
#### Currently 37 filling stations More coming every year

O Gasum filling station

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

Gasum new stations 2017





Comparative price per equivalent liter of gasoline: natural gas €0.782/I and biogas €0.928/I.

September 2017

\* Prices based on average prices for Helsinki Metropolitan Area on September 8, 2017.





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