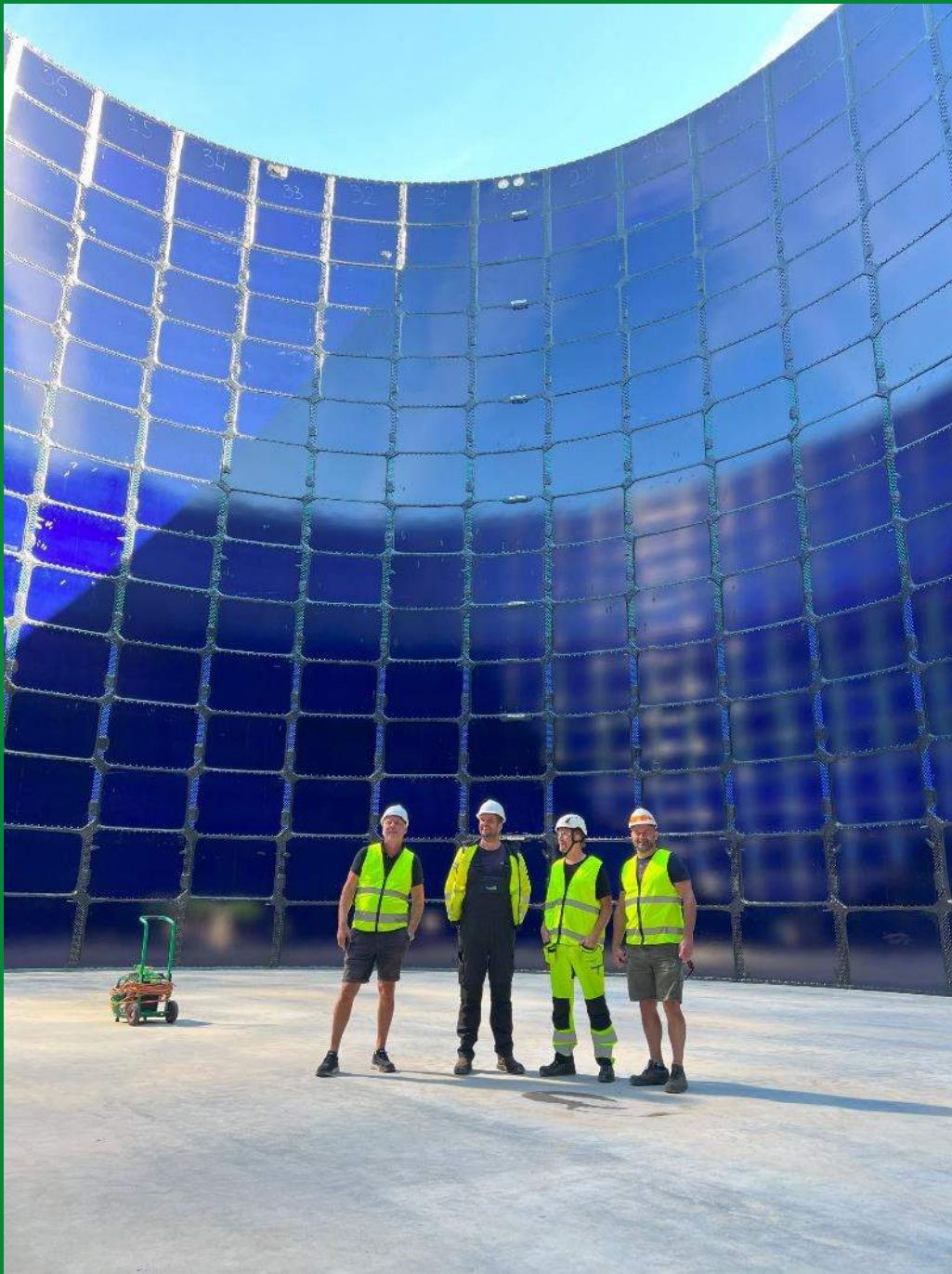


**BIO  
KRAFT  
R**

**BIOKRAFT  
-  
DRIVING  
CHANGE WITH  
LIQUID  
BIOGAS**



# Biokraft

Presentation Baltic Reed 2024-02-07

# Nordic greentech company turning ‘waste into wealth’

- Founded in 2005, Biokraft is a Nordic greentech company listed on Nasdaq First North Premier Growth Market.
- We transform organic waste and residual products into renewable bioenergy and nutrient-rich fertiliser in large-scale biorefineries.
- We operate five sites in Sweden, Norway and Korea
- Main customer segments are heavy duty transport, maritime and industry, mainly in co-operation with distributors
- The Group includes a logistic company with 20 trucks custom made for biogas up- and downstream



## Sweden

 **Södertörn**  
CBG/Bio-LNG  
80/220 GWh

 **Henriksdal**  
CBG 120 GWh

 **Bromma**  
CBG 30 GWh

## Norway

 **Skogn**  
Bio-LNG 155 GWh

## Korea

 **Ulsan**  
Biogas 60 GWh

CAPACITY  
2023

600 GWh

CAPACITY  
TARGET 2030

3 TWh

CONSOLIDATED  
NET SALES, 2022

367 MSEK

PEOPLE

120

# Main customer segments for Bio-LNG



Buses and heavy transportation

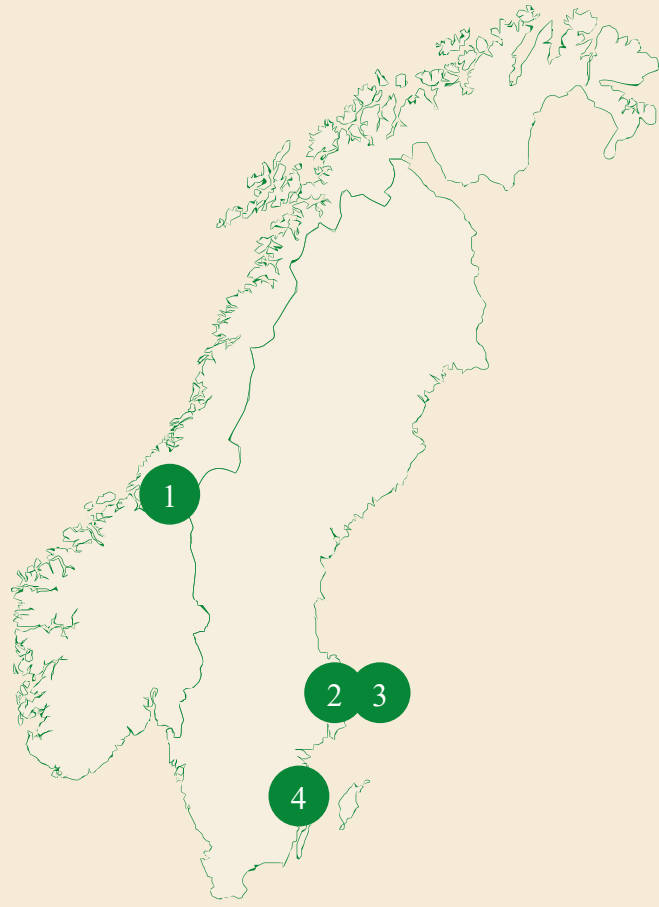


Maritime Applications



Industrial applications

# Biokraft production sites



# Biokraft projects under development



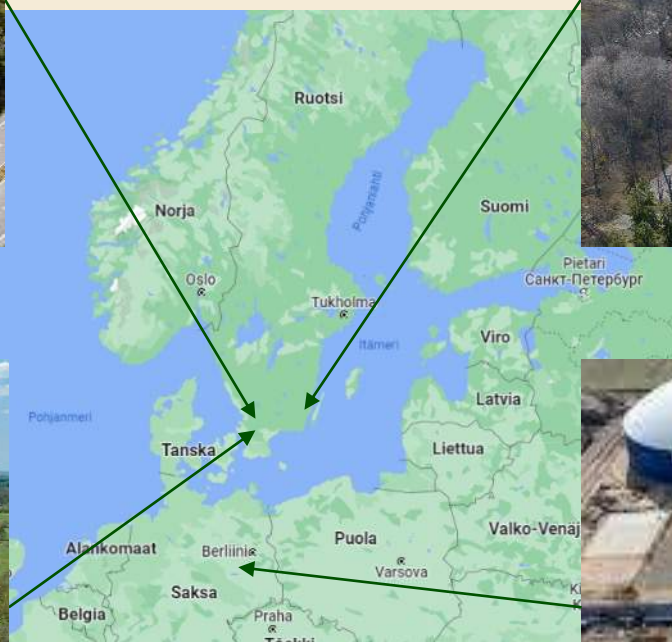
Biokraft Skånes Fagerhult, Sweden



Biokraft Kalmar, Sweden



Biokraft Perstorp, Sweden



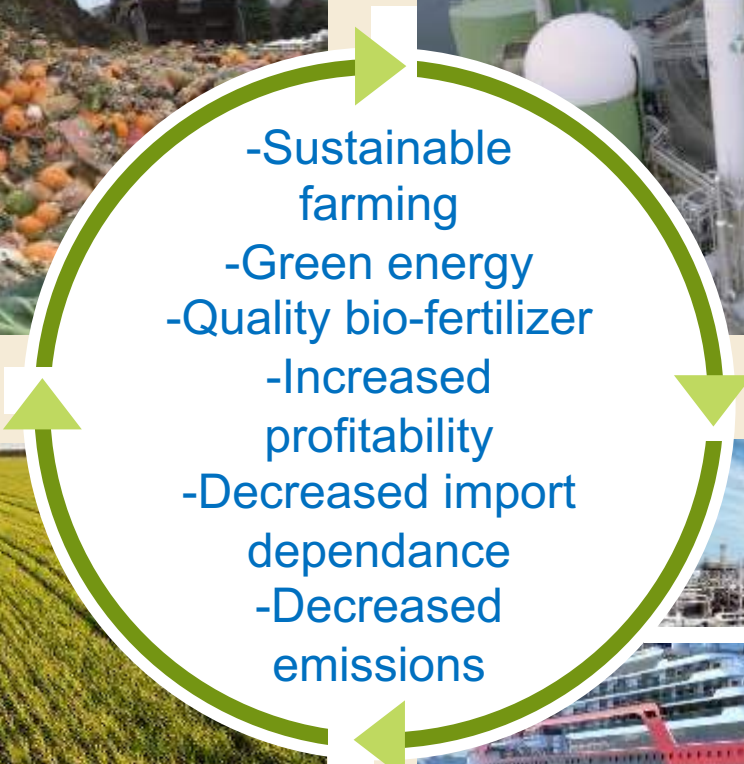
Biokraft Germany

# Biogas production enhance stable energy and food production here and now!

1 Waste from humans and animals are feedstock



2 Biogas plants transform waste into energy and bio-fertilizer



4 Biofertilizer return nutrients to farmers



3 Biogas can be an energy carrier within several segments



*A Biogas plant is an amazing factory where we transform waste from animals and humans into domestic produced energy and fertilizers without any methane slip and CO2 emissions to the atmosphere*

# Nitrogen and phosphorous leakage with standard fertilizer/manure mix



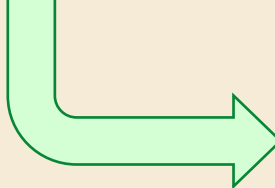
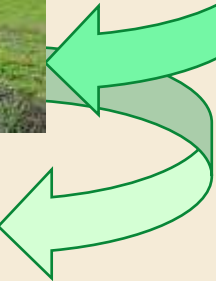
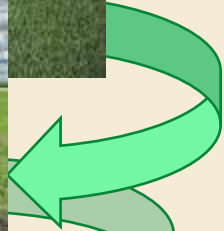
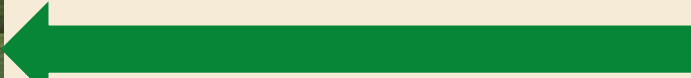


# Nitrogen and phosphorous recirculation with biogas production



### *Bio-fertilizer:*

- *Enhance soil quality*
- *Nutrient more available*
- *Less emissions*



## Conclusions about Reed as Biogas substrate

- Manure based biogas has a very high sustainable value
- Mixing manure and Reed will further increase the value
- Reed will most likely work well as a substrate to biogas
  - Harvest right after the bird and fish reproduction season
  - Will add nutrients to the bio-fertilizer
  - Can be stored in silage bags
  - Will fit into the value chain
- Next steps in development
  - Defining heavy metal content in different areas
  - Cost of harvesting vs volumes
  - Analyse how to define correct harvesting time
  - Lab simulations of co-digesting with manure
  - !! Argue for proper classification according to RED III !!

