

ABOUT US

- Provider of world leading technologies to eliminate pollution, enhance circular economy and mitigate climate change
- Offering patented unique solutions that turn waste and biomass into CO2 neutral energy, decarbonised energy, low-carbon fuels and biocarbon
- Our **technology is ready**, it integrates easily into industrial processes and does not depend on large and complicated infrastructure to be effective
- Proven and scalable delivery model, record high backlog of orders and large installed base for leading players in a wide range of industries, providing recurring business
- International footprint, headquartered in Norway with subsidiaries in US, France and Poland

Our brands





STRONG PULL FOR OUR SOLUTIONS

Sustainable tourism

Reduction of CO₂ emissions, Reaching CO₂ Neutrality

Industry 4.0

Food

Circular economy solutions to recover valuable resources and eliminate pollution

safetv

Clean Ship

Biomass and Waste Valorization **Industry Decarbonization**

Chemical Recycling of Plastics & Polymers AI Waste Sorting Robotics

Sterilisation. toasting, drying









TINFOS

























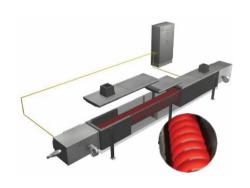




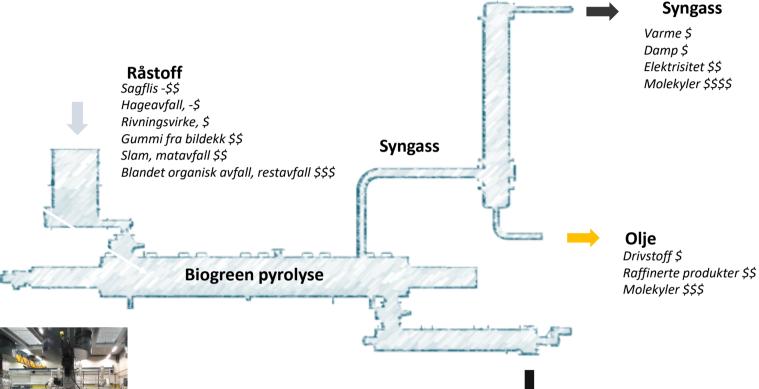


Forretningsmodell og lønnsomhetspotensiale





Multi-patentert Elektrisk varmeskrue





FoU piloter scanship.no



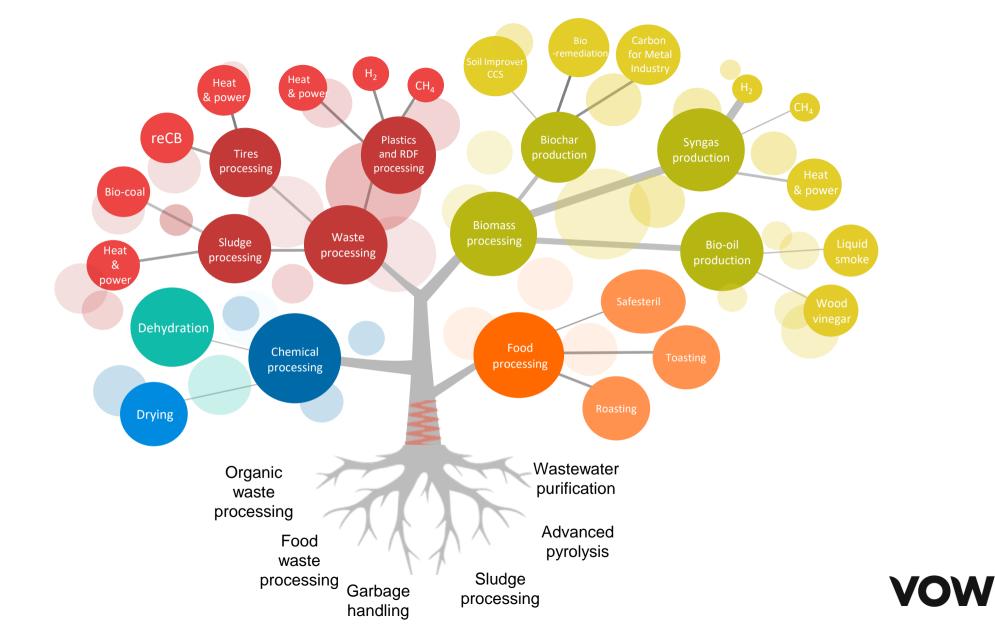
Enheter i konteiner

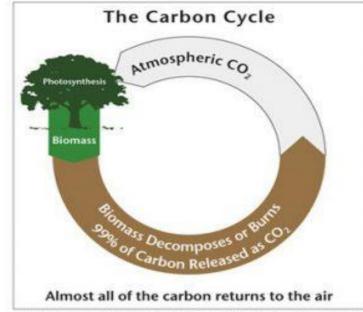


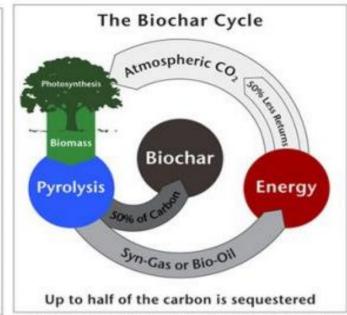
Stasjonære anlegg

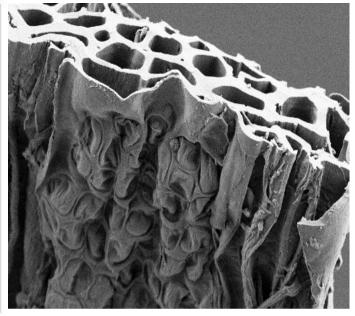


Energi \$
Jordforbedring \$
Fôr / husdyr \$\$
Reduksjonsmiddel \$\$
Absorbenter \$\$
Materialer \$\$\$\$









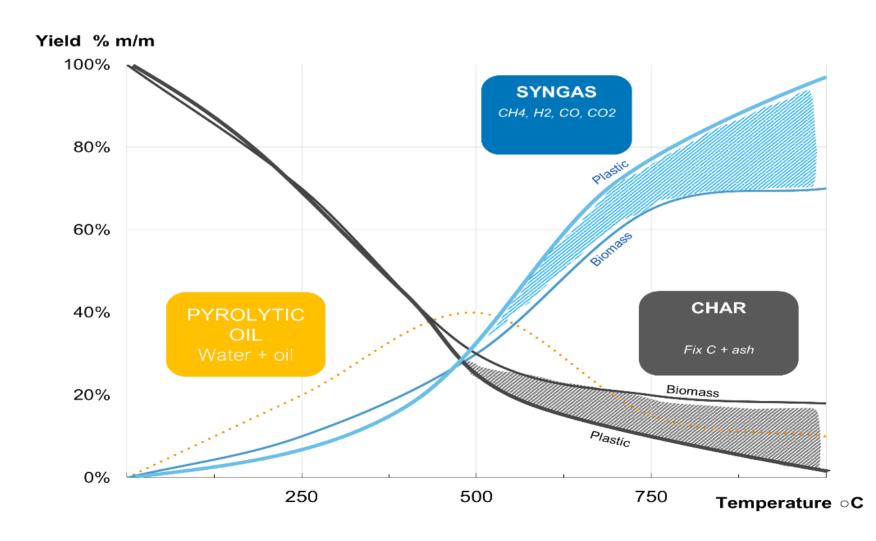








Produktkurver for pyrolyse



SCANSHIP

Different types of solid products

Technology to optimise your product characteristics



Torrefied bagasse

Solid fuel replacement

Density 0.8 (800 kg/m3)

LHV 16 MJ/kg (vs. 13 MJ/kg

raw material)



Carbonised olive pomace

Solid fuel replacement

Density 0.7 (700 kg/m3)

LHV 26 MJ/kg (vs. 18 MJ/kg

raw material)



Hydrochar WB10

Soil amendment
Water retention 85%
Total carbon > 65%
Granulometry 0.125 - 4 mm



Biochar from HT pyrolysis

Activated carbon precursor

Total carbon 92%
ash 4%

LHV 33.03 MJ/kg (vs. 19 MJ/kg
raw material)

400 °C / 10 min.

550 °C / 10 min.

550 °C / 15 min.

800 °C / 15 min.



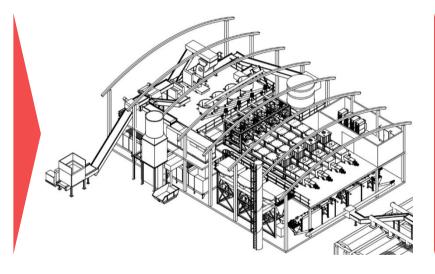
VALUE PROPOSITION

Valorising waste | Decarbonising industry

Intake (examples)

Organic waste and biomass

Plastics and polymers



Vow Industries business idea

Build, own and operate plants and an incubator that can establish more companies based on Vow's technology

Offtake (examples)

Biocarbon (biocoke, biochar, biocoal)

Carbon products (graphite, graphene and recycled carbon black)

CO₂ neutral gas and hydrogen (decarbonised energy)

Low-carbon fuels

CO₂ removal certificates



VOW INDUSTRIES

The Follum plant



Business idea | Build, own and operate full scale demo plant based on Vow's process technology

Production | biocarbon to replace fossil coke as a reducing agent in the metallurgical industry in Norway, as well as providing CO₂ neutral gas for district heating and low-carbon fuels

Woody biomass 50 000 t/yr
 Biochar 10 000 t/yr
 Syngas 150 GWh/yr

- Setup | Base for development of fully standardized and replicable facilities
 - Aiming for easy and flexible scale-up to higher capacities
- Financing | Through Enova grants, debt and equity



LOCAL PARTNERSHIPS IN PLACE













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VOW