



MARKET SEGMENTS

**Heating & Cooling**

Non-Residential Building

Residential Building

Industry

D

BOOTH NO.

**D02 CleanBioHeat · Sweden**

**Product:** FGR®

## Cost Efficient Flue Gas Cleaning

**THE NEED.** The demand for heating solutions that meet new environmental requirements and legislation is constantly increasing. This need applies to all kinds of heating systems. Fossil fuel heating needs to be replaced, and efficient bio-fueled systems are important in this process. Large obstacles for solid biofuel heating are high particulate emissions and high cost of efficient particulate cleaning.

**THE SOLUTION.** Through flue gas condensation and innovative filtering technique, the Flue Gas Recovery Unit, FGR® produces cold, clean exhaust and it pays for itself through a very high level of energy recovery.

### KEY FEATURES.

- Has a low level of particulate emissions.
- Produces dry, cold flue gas
- Increases thermal efficiency by around 20%.
- Optimised for heating systems sized 100-1000kW .
- Can be used on any heating system producing flue gases, regardless of fuel.
- Patent pending solution.

### VALUE PROPOSITION.

- Meets the 2020 updated european Eco Design Directive.
- Modular system.
- Easy to retrofit existing systems.
- Offered either stand alone or as part of a complete heating system.

c/o InnoEnergy  
Valhallavägen 79 11428 Stockholm  
Sweden

info@cleanbioheat.com  
[www.cleanbioheat.com](http://www.cleanbioheat.com)

### THE TEAM

**Thomas Gustafsson**  
*CTO and founder*

**Pernilla Knutas Lundblad**  
*CEO*

### STRATEGIC PARTNERSHIPS/ CUSTOMER REFERENCES

Böderna Perssons  
Handelsträdgård, Helsingborg  
Sonnys Maskiner, Grästorp

✓ **COMMERCIALISED**