



Experience from VHE-200 kWth HTHP and participation in Dry-F contributed to the Heaten MW-family heat pumps

SPRING 2021



"We should make wasting heat illegal"
Geir Robstad, Partner, COO - HEATEN AS

Who?

Heaten is continuing where Viking left off, then add a seasoned CEO and strong collaboration partners, and you have the Heaten team today!

Whom?

Heaten has experienced a vast pull in Europe and have already backing from well known, large international customers and industry.

How?

Heaten is currently scaling VHTHP technology platform up to MW HP family in collaboration with the world's largest engine development company, AVL.



SOLUTION

Heaten has **8 years of R&D**, design and engineering experience in developing piston-based ORCs (heat-to-power) and heat pumps (power-to-heat).

Heaten has **successfully sold its smaller engines** to an industrial customer in a key market.

Heaten has a significant head start, and is confident to deliver on an R&D and IP **roadmap towards mid-temperature processes** of 150–400°C.

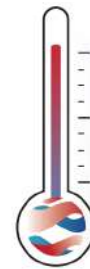
Heaten's **digitalisation strategy** will build a new culture of customer-centric innovation in an agile organisation.

STATUS & TECH ROAD MAP

1 Piston-based heavy-duty core technology
Owns both core technology and heat pump design

2 MW thermal product family launch 2022

3 Pilot phase already sold out!



TECH ROAD
MAP
OVERVIEW

IMMEDIATE
VHTHP 165 °C

SHORT TERM
VHTHP 200 °C

LONG TERM
UHTHP →400°C

MEDIUM/LONG TERM
Variants

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