GTML

EGEC
Meet the members
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Thor Erik Musæus, CEO
GTML – A leading geothermal energy company in the Nordic

Technology- and business opportunity

- We are a **geothermal energy company** that build, own and operate renewable energy systems based on deep energy wells

- **Proven technology** of circulating hot water from wells in dry basement rocks enabling a long-lasting and renewable source of heat, providing a strong value proposition to customers.

- A **team** with in-depth geothermal competence, associated network and understanding of energy systems. The broad experience from the oil and gas industry is directly applicable for geothermal heat extraction

- Fit-for-purpose drilling rigs and a unique and competitive edge from drilling deep wells with **optimal energy take-out** and **minimal surface occupation**

**Technological proof of concept demonstrated with two successful projects**

**Oslo Airport:**
Technology used for de-icing of engine test area

**National Police Emergency Response Center:**
Four energy wells used for de-icing of helipads
GTML focuses on two energy concepts

Direct Heating (“DH”)

- **Direct heated surfaces (“DH”);** Circulating water directly from the well for constant temperature heating (approximately +10-15°C)
- **De-icing of surface during wintertime with operational costs reduced by 80-90% compared to conventional energy sources**

Heating and Cooling (“H&C”)

- **Heating and cooling (“H&C”) with heat pumps;** Heating of buildings, including hot water – combining +10-15°C water from the well with proven heat pump technology
- **Ideal for clients with need of heating and hot water**
- **Possible cooling and energy storage with additional GSHP wells**

### Key target market segments

**Direct Heating (“DH”)**
- Football fields in the Nordic countries
- Pedestrian areas during wintertime
- Airports in the Nordic countries with need of de-icing of the ground
- Critical parts of roads during wintertime
- Warehouses

**Heating and Cooling (“H&C”)**
- Residential blocks and housing
- Hotels
- Hospitals
- Agriculture
- District heating
- Onshore fish farming
- Industry
Our strong value proposition

Affordable  Affordable energy from a renewable and sustainable energy source

Clean  Simple and reliable energy production with no emissions or harm to the local ecosystem

Long-lasting  Lifetime of more than 50 years with 24/7 energy supply, limited maintenance and logistics required

Scalable  Flexible and scalable installation outside main construction area without affecting the customer’s overall project

Innovative  Replacing conventional energy sources with clean, green and everlasting heat

Urban  Ideal for urban areas with significant savings on land use