

How geothermal energy can meet challenges in the RHC sector

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Steering committee member, RHC Geothermal Panel



Christian Michelsen Research

The CMR corporation

- Christian Michelsen Research AS
 - Instrumentation
 - Computing
 - Energy
 - Gexcon AS
 - Prototech AS
 - TeCom AS
- Approx. 180 employees
- Host for three research centres:
 - Michelsen Center for Industrial Measurement Technology
 - NORCOWE: offshore wind technology
 - SUCCESS: CO2 storage
- Ownership
 - University of Bergen (85%)
 - Statoil, CGG Veritas, Sparebanken Vest (5% each)



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H&C – Basic observations

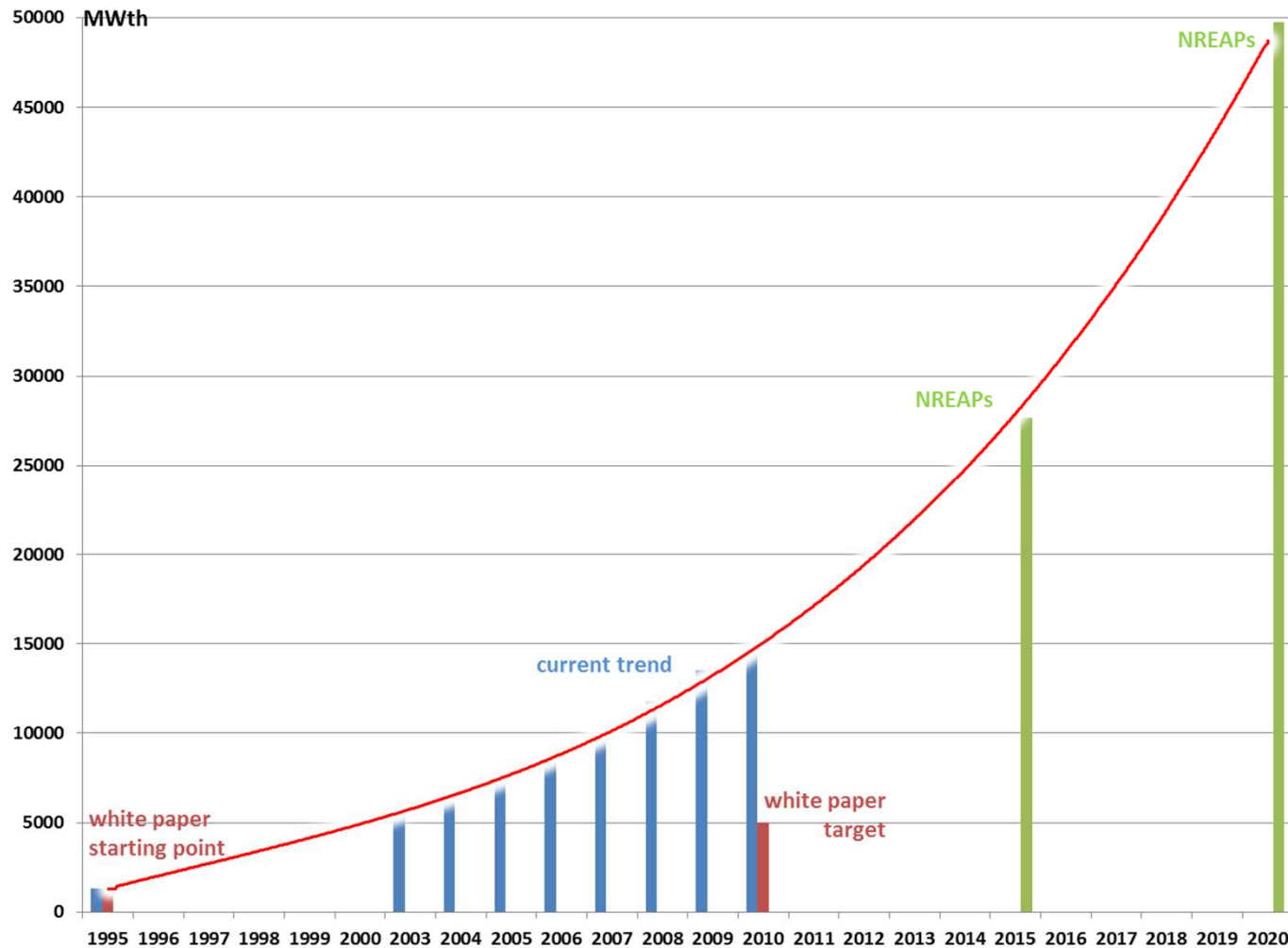
H&C accounts for about half of the EU's final energy consumption.

Energy efficiency and sustainable H&C solutions are imperative for climate mitigation and energy security

Challenge: large scale deployment of renewable heating and cooling solutions

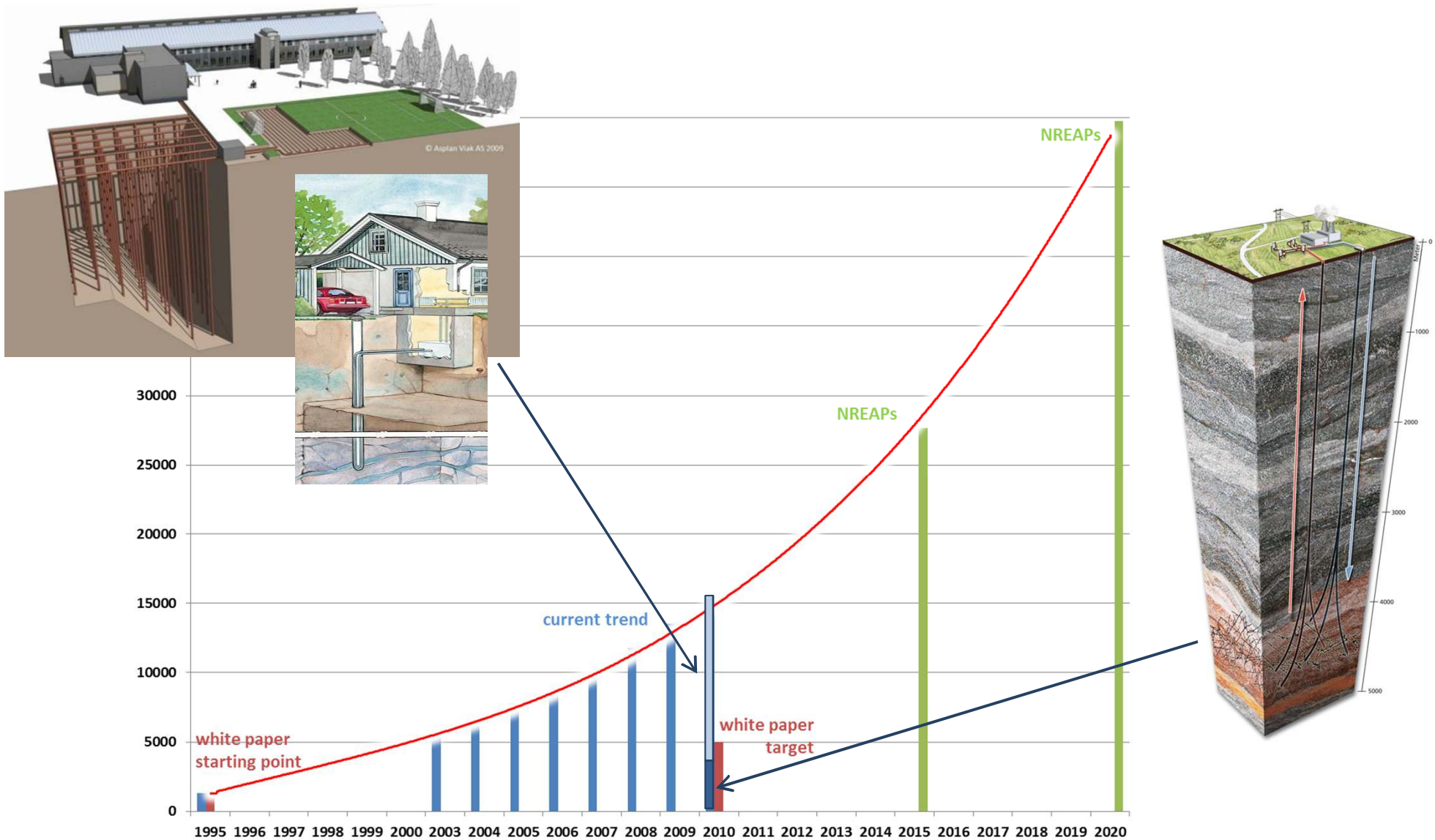


How can we boost the *unknown* renewable and energy efficient future?



Development of installed capacity in geothermal H&C in the EU (MWth)

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Priorities

