



# District Heating Assessment Tool DK

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# DH Assessment Tool (DHAT)

- The Danish Energy Agency & Rambøll.
- A tool to evaluate costs and benefits of DH.
- Transfer knowledge to heat planning.
- Can be used for screenings and deeper analyses of DH projects, showing marginal costs for different technology choices, company and consumer economics at different heating prices as well as level of taxes.



# DHAT Results

- Comparison between DH and individual heating:
  - a) Economic feasibility study.
  - b) Environmental impacts.



# DHAT Results

- The cost expressed as both Net Present Value (NPV, total discounted lifetime cost) and Levelized Cost of Energy (LCoE, discounted cost by unit of energy).
- Comparison of CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O and NO<sub>x</sub> emissions.
- Socioeconomics based on Danish methodology.



# DHAT

Let's test it.....



# Thank you!

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