



Høje-Taastrup
Kommune

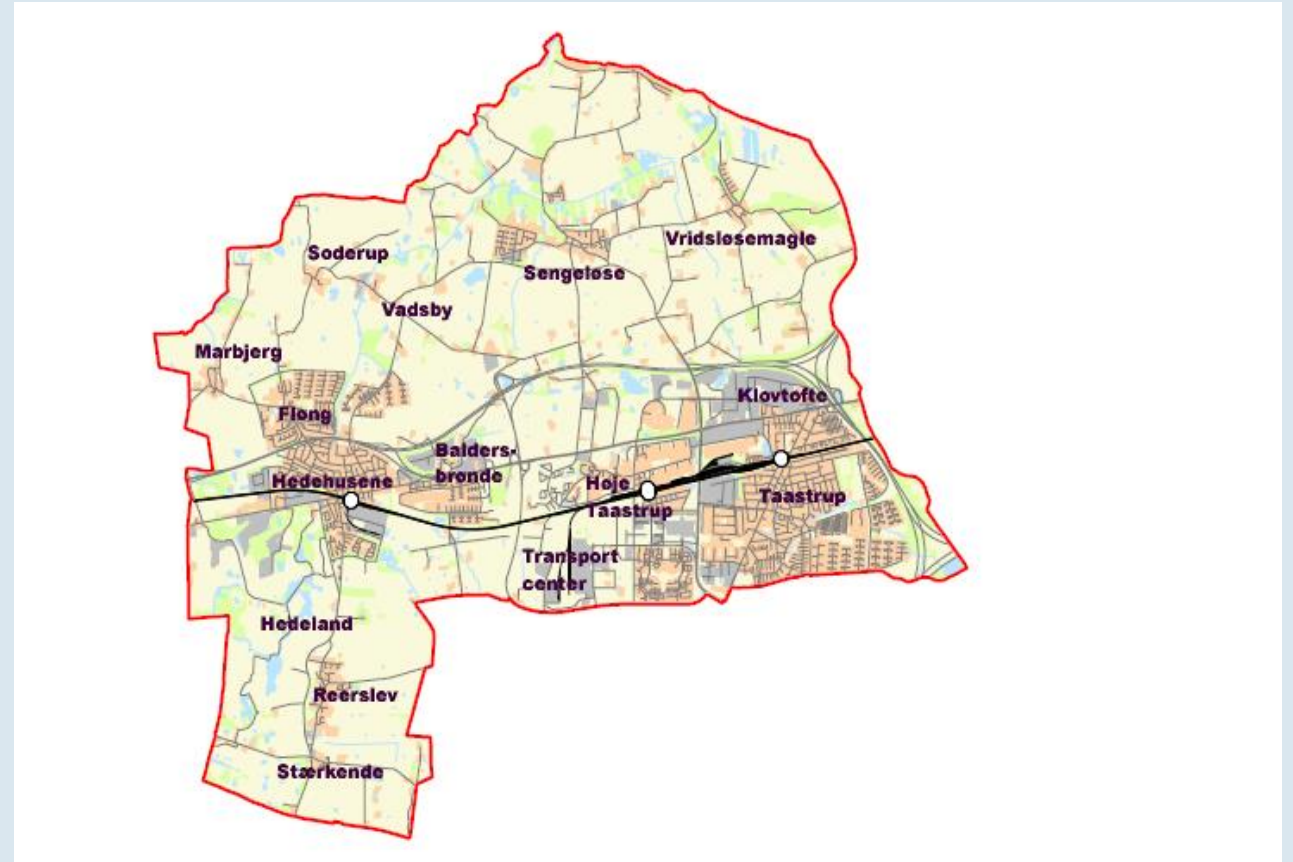
Climate strategy and heat planning in Høje-Taastrup Municipality

Marie-Louise Lemgart, Chief Energy and Climate Advisor

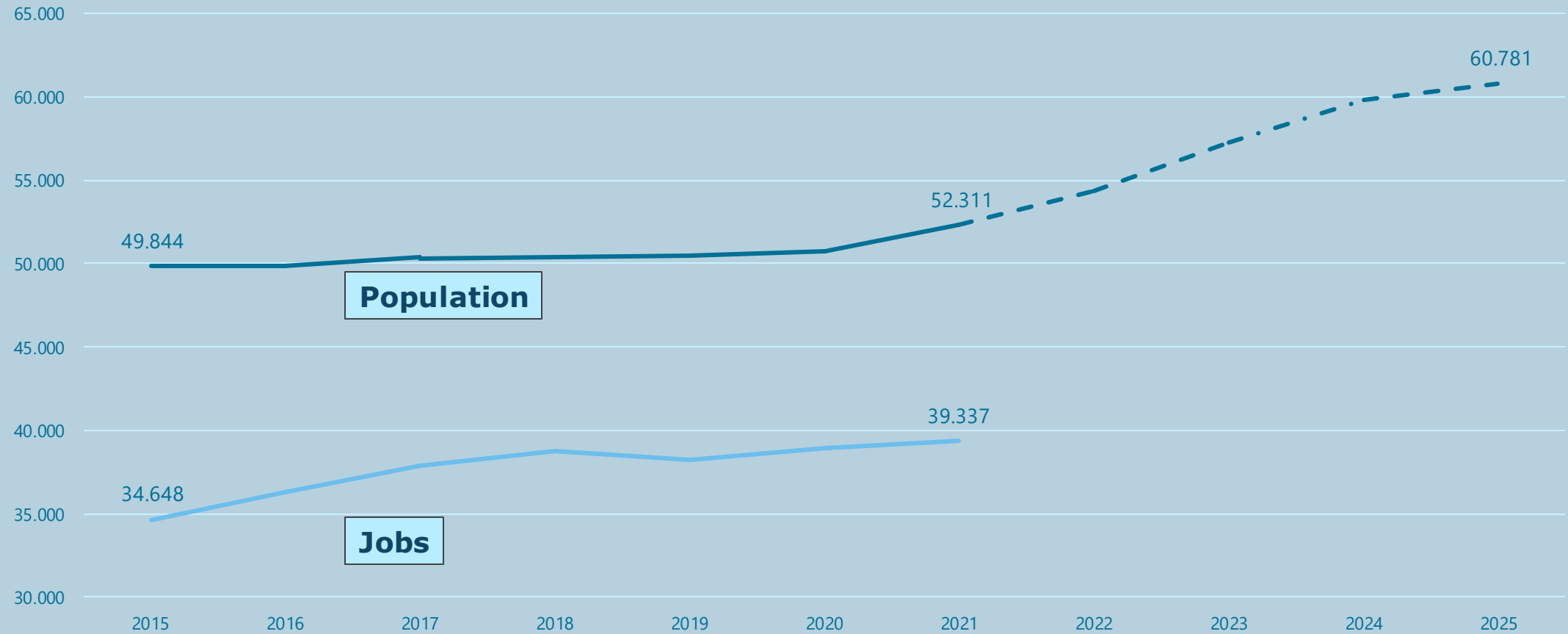
Høje-Taastrup Municipality

Høje-Taastrup Municipality

- 54.000 inhabitants
- 40.000 jobs, more than 10.000 new jobs the last 10 years
- 78 km² (incl. 52 km² rural areas)
- 3 towns with train stations
- 14 original villages
- 20 km West of Copenhagen
- First Climate Plan, adopted in 2009, next in 2015 and the last in 2021



Population and jobs development



Political Statements

National:

70% CO₂-reduction in 2030.

The Danish Parliament has adopted a Climate agreement for energy and industry.

Gas for heating must be phased out (..2035)

The Capital region:

Fossil-free energy supply in 2035, at the latest.

Local:

Høje-Taastrup Municipality has adopted the Climate Plan 2030.

Specific goals and efforts for specific sectors.

Net-Zero CO₂-emissions from electricity and heat supply in 2030.



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”Climate Plan 2030”

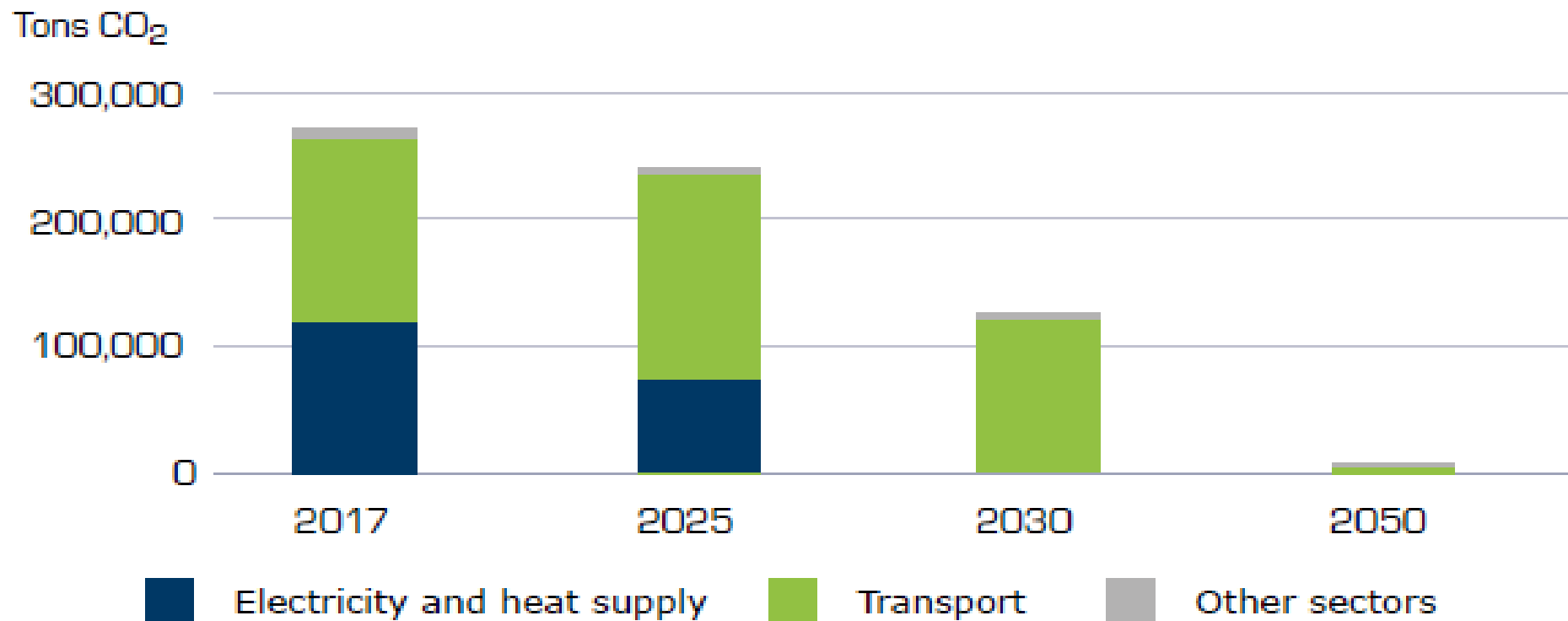
Developed under the C40-
framework and in accordance
with the Paris Agreement

Adopted by the City Council in
March 2021



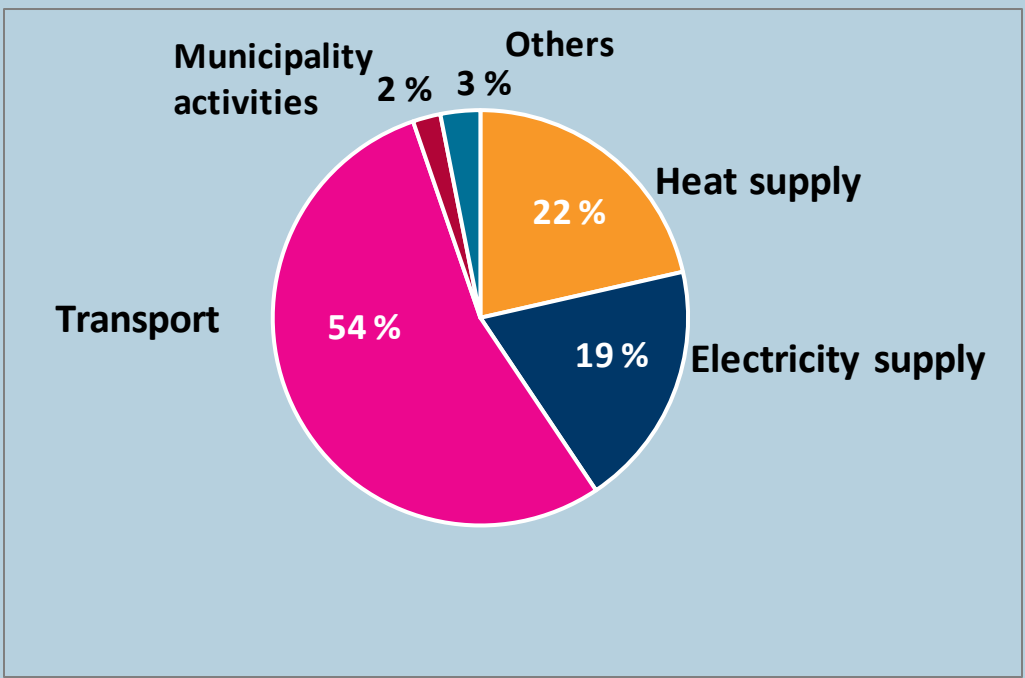
2030 GOAL: 50% CO₂-REDUCTION
2050 GOAL: NET ZERO

Net zero scenario in Høje-Taastrup Municipality

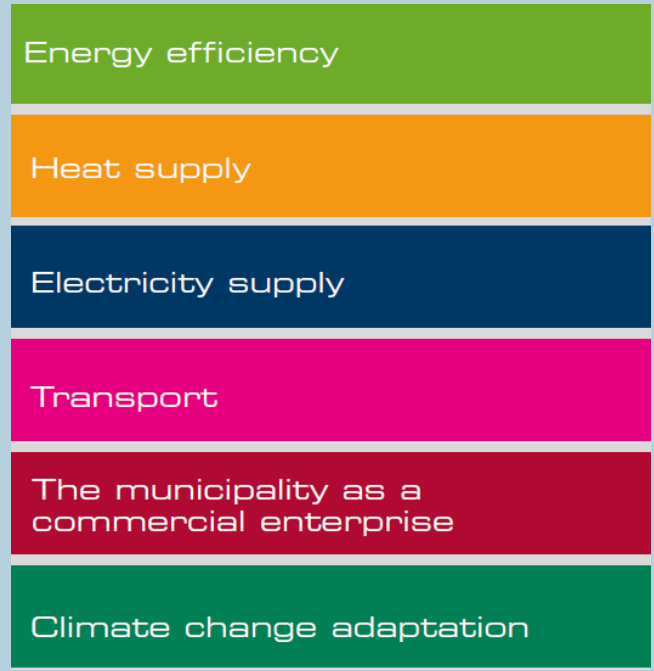


Climate Plan 2030

CO₂-emissions from sectors (2017)



Themes

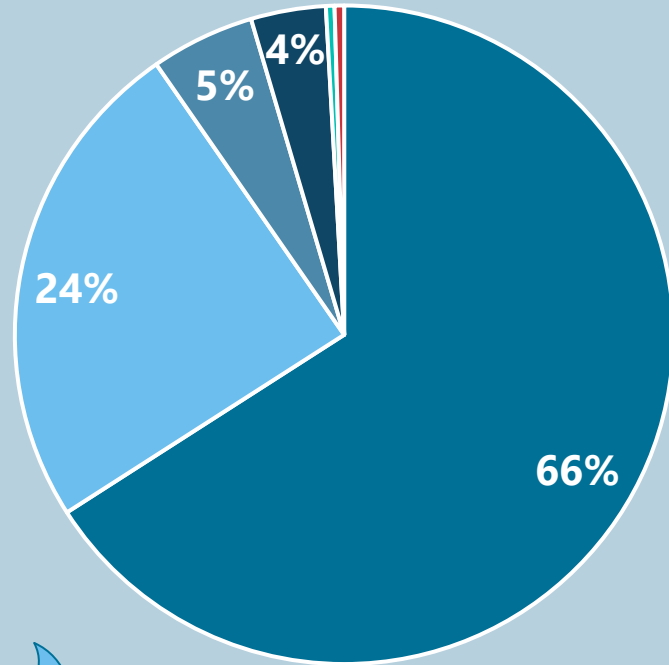


An Action Plan with 50 initiatives

Green transition of the heating sector

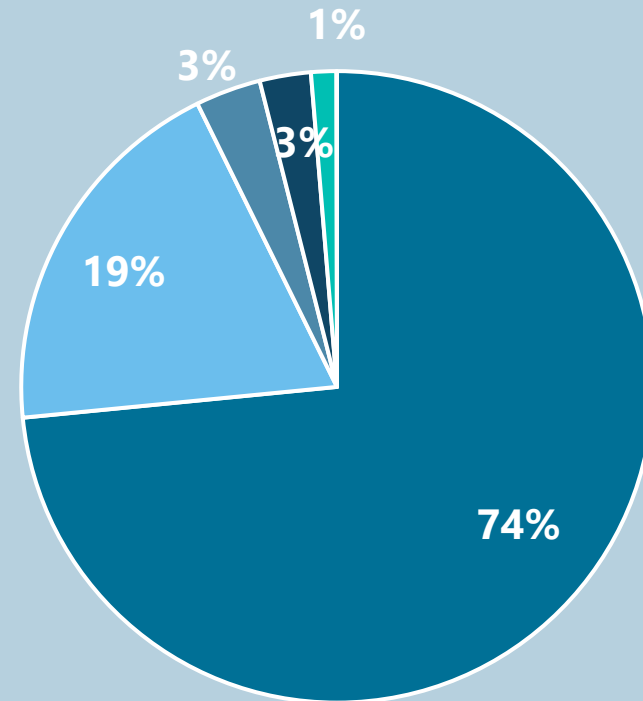
Heat consumption in the municipality 2017

- District heating
- Central heating with natural gas
- Central heating with oil
- Electric radiators
- Heat pumps
- Other heat sources



Total 490.885 MWh

Heat consumption in the municipality 2022



Total 469.594 MWh

Heat planning Legislation

Purpose of the Heat Supply Act:

To promote the most socio-economic, including environmentally friendly, use of energy for heating and supply of buildings with hot water and within this framework to reduce the energy supply's dependence on fossil fuels.

It is the responsibility of the City Council, in collaboration with supply companies and other affected parties to carry out a planning for the heat supply in the municipality.

Heat planning in the municipalities

Parliament decision, June 2022:

- Climate agreement on green electricity and heat

Agreement between the government and the municipalities organisation, June 2022:

- Agreement on accelerated planning and phasing out of gas for heating and a clear message to citizens

A Circular on municipal heating planning and project approval, October 2022

- All municipalities must have an approved heating plan before end of 2022
- All property owners with gas or oil for heating must have information about alternative heating (DH, heat pumps)

Project proposals for DH, adopted by the City council, 2021-2022

1. Project proposal adopted 18. May 2021

District Heating in three main areas:

- A. Hedehusene West. DH is established in 2021-2024.
- B, Flong East. DH is established in 2022-2024.
- C. Hedehusene East. DH is established in 2022-2023.

2. Project proposal adopted 25. January 2022

DH to Sengelose Village in 2023-2024.

3. Project proposal adopted 25. January 2022

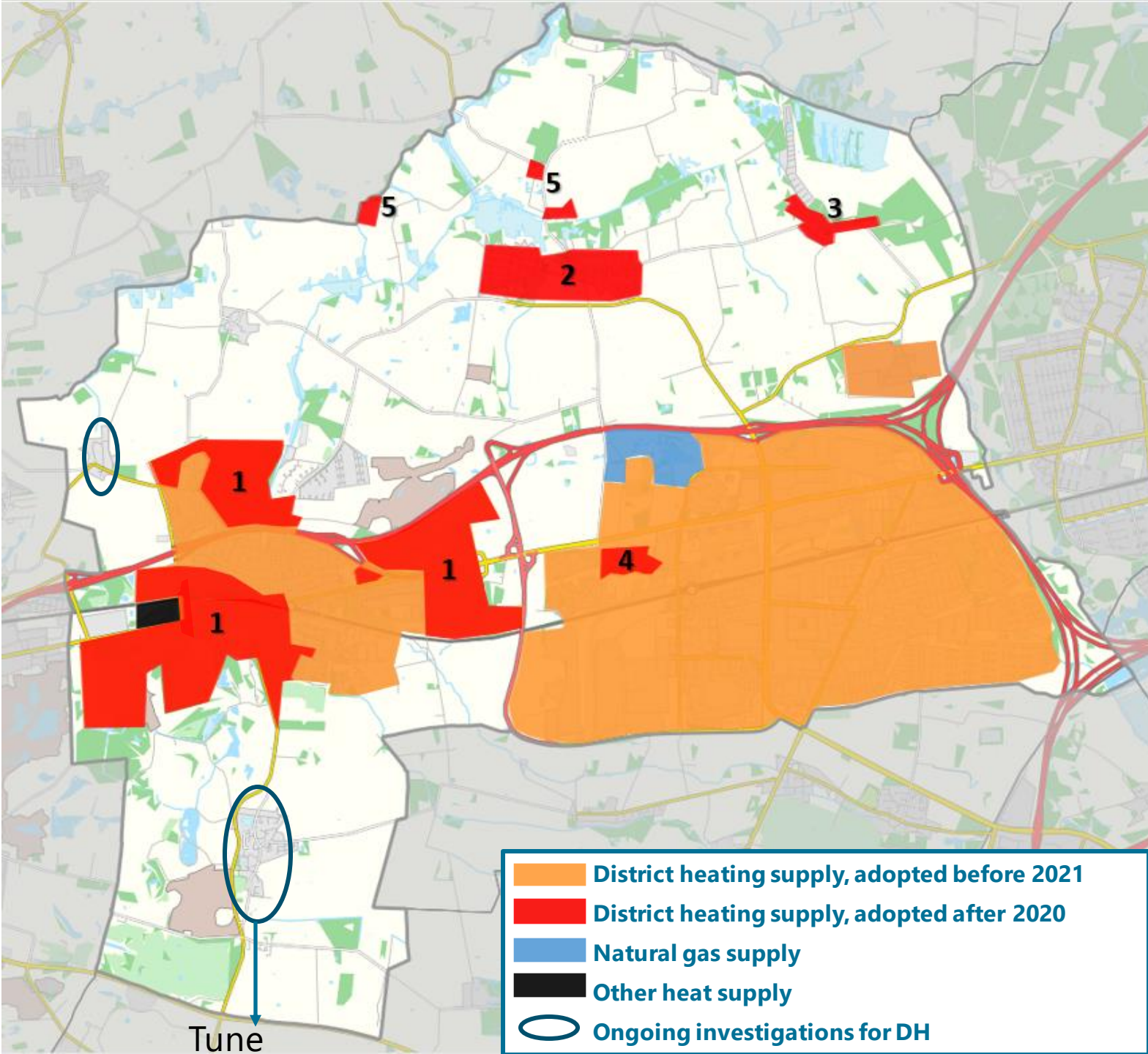
Local DH to Vridslope Village, in 2023.

4. Project proposal adopted 17. May 2022

DH to Høje-Taastrup Village in 2023.

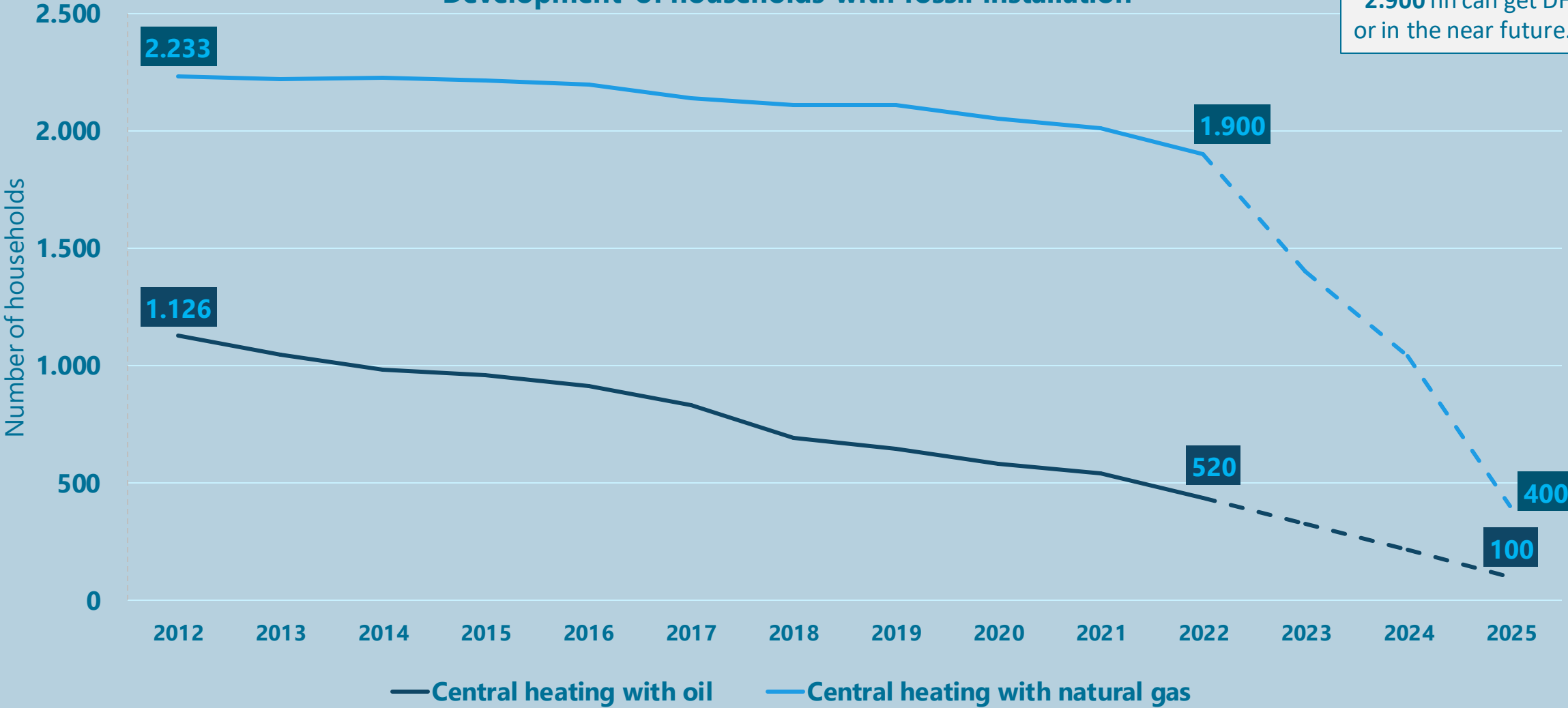
5. Project proposal adopted 21. June 2022

DH to three smaller areas in the northern part of the municipality, including greenhouses and a larger estate in 2023-2027.



March 2023
24.280 hh in total
20.457 hh with DH,
2.900 hh can get DH today
or in the near future.

Development of households with fossil installation



Thank you for your attention

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Høje-Taastrup Municipality

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