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Energy planning with Hotmaps & Thermos

Hotmaps – final conference

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Session overview

(1)Complementarity of the tools

(2) Hotmaps – the tool

(3) THERMOS – project and tool

(4) Q & A

Tools complementarity

Hotmaps

- Default data for EU28, also usable outside the tool
- Very quick first analyses
- Calculation Modules covering entire H&C system
- Opportunity to use own data

THERMOS

- Address-level demand mapping
- Thermal network route optimisation
- Detailed financial analysis (CAPEX, OPEX, heat sale revenues)

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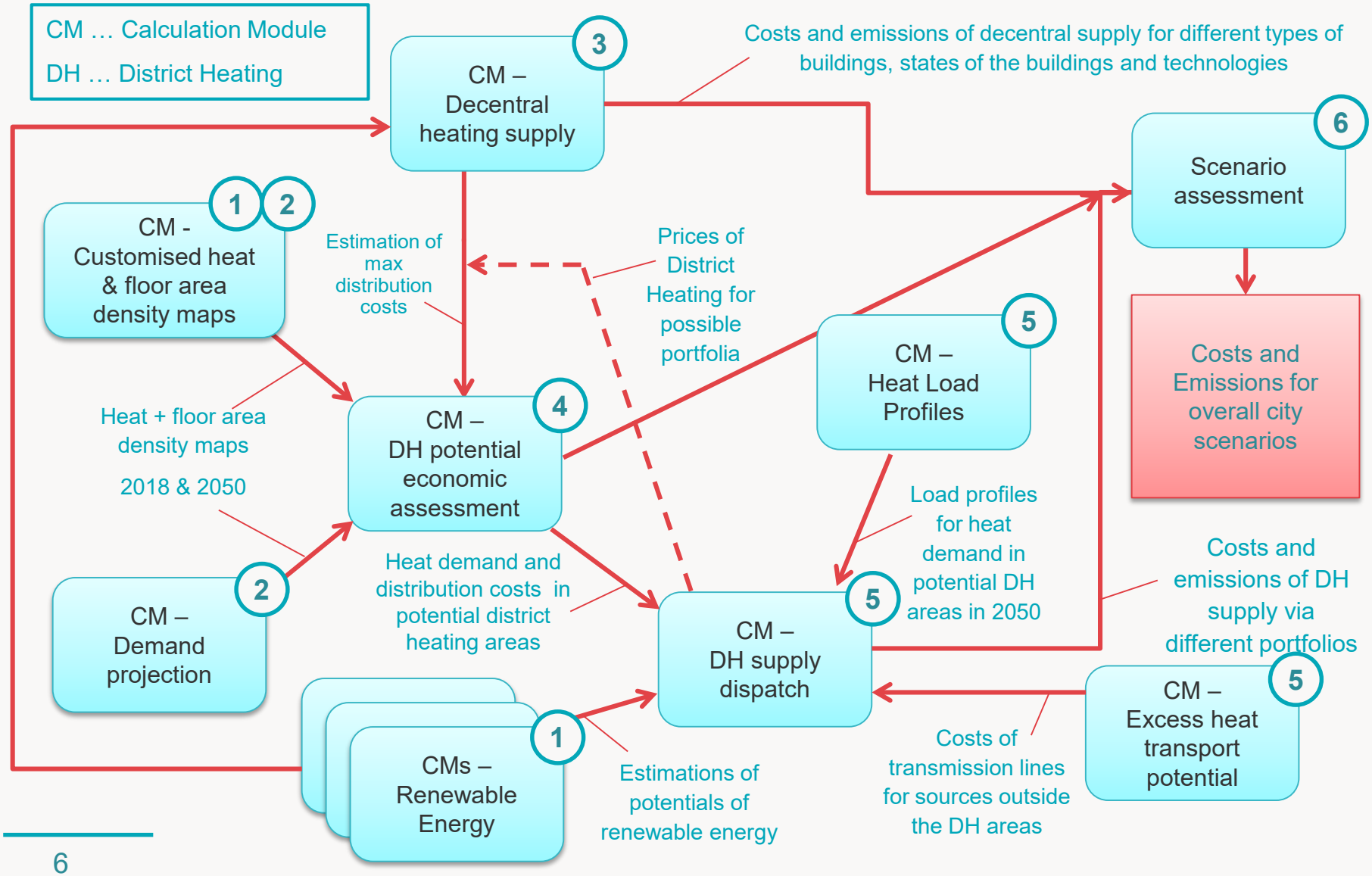
Section 1

Hotmaps

Questions where Hotmaps can help

- **What is the demand** for heating and cooling in my region and **where is it located**?
- **Which options are available for reducing GHG** emissions from heating and cooling in my region?
- **Which** renewable energy and excess heat **sources could be economically feasible** to use in my region?
- Which **shares of district heating** make sense in my area?
- Which **areas** are **potentially interesting for district heating**?
- Which **levels of heat savings** could be economically feasible for my region?

Scenario Toolchain – Guidelines



Live demonstration

www.hotmaps.eu

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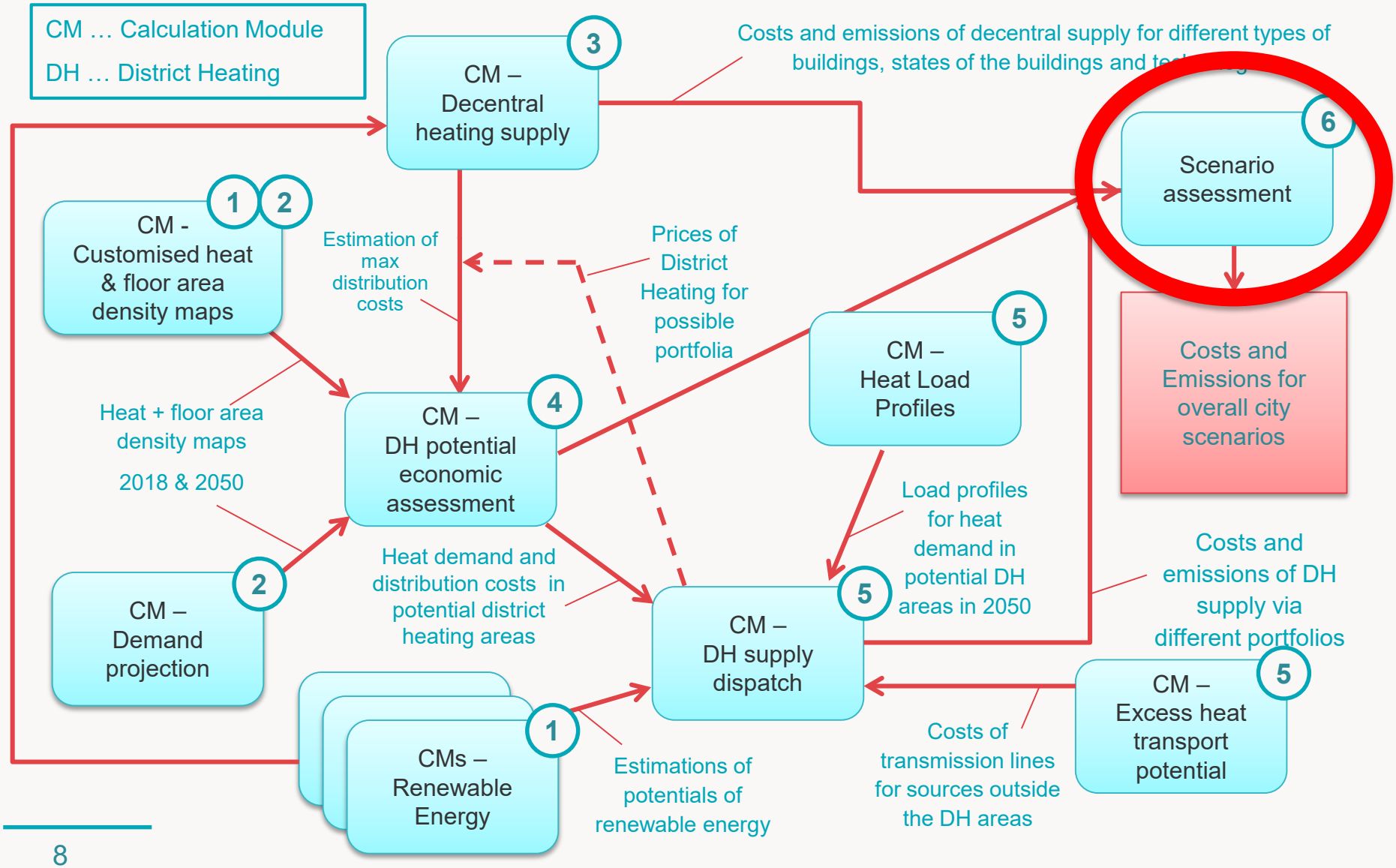
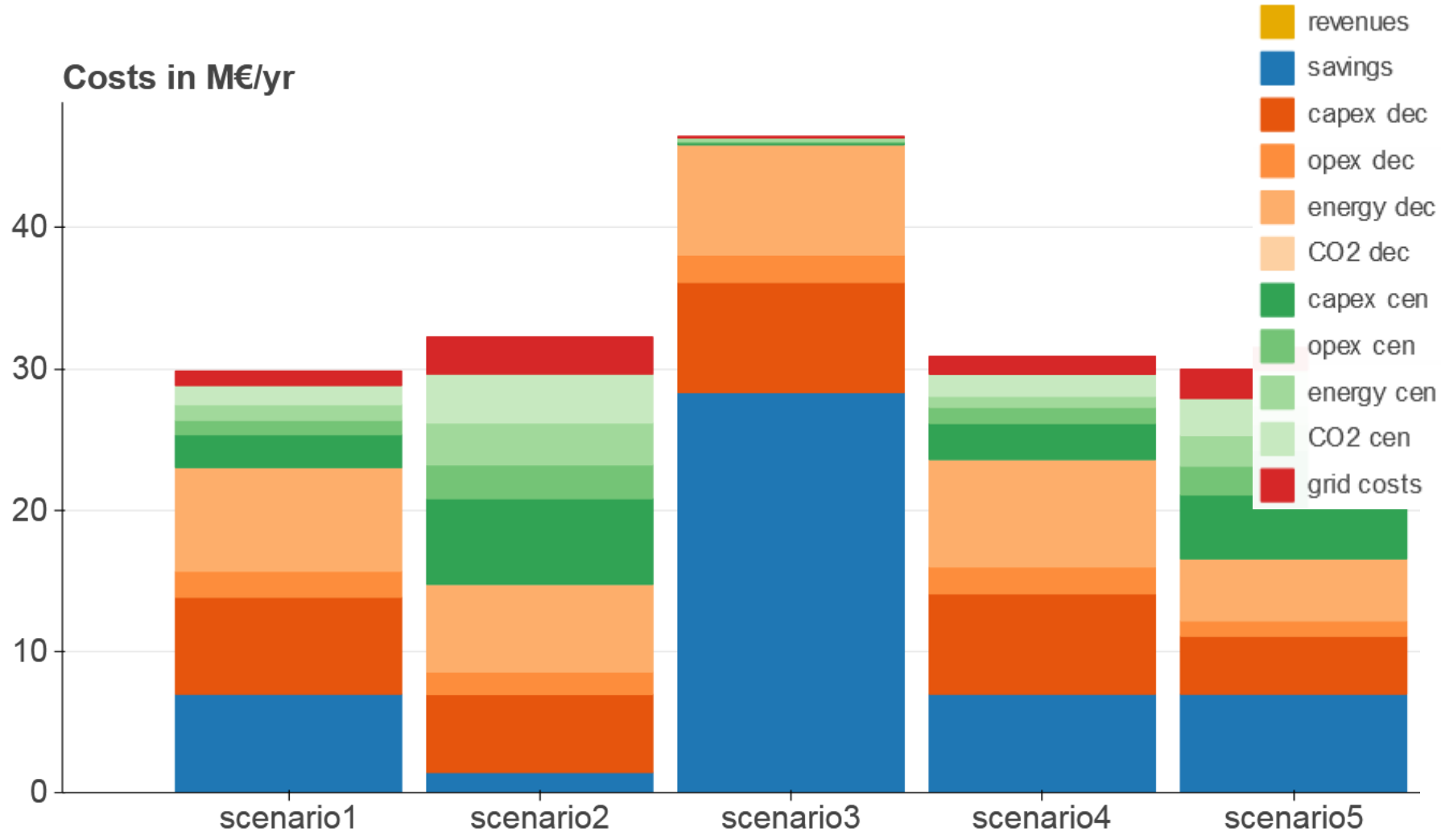


KPIs for different scenarios



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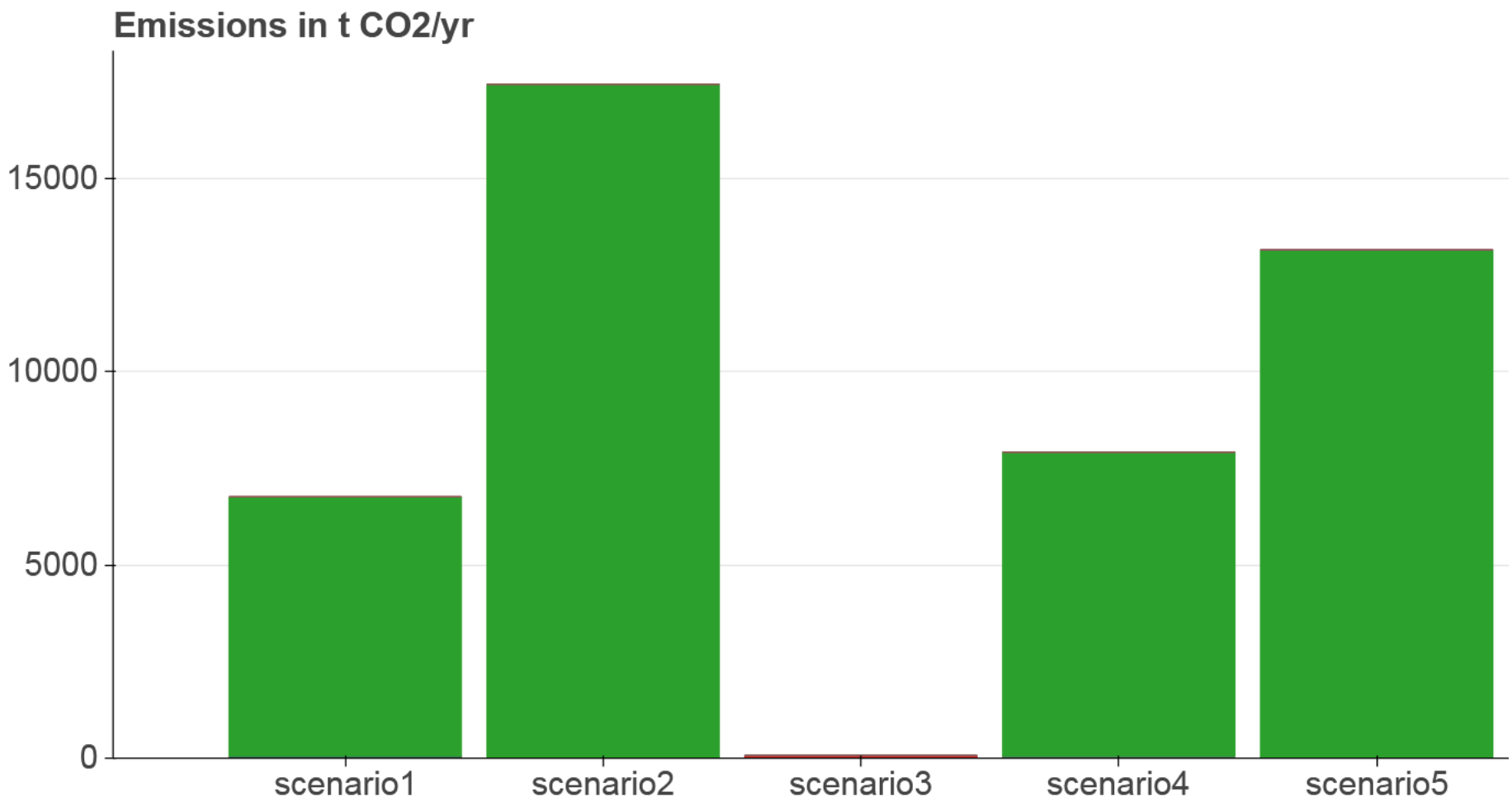

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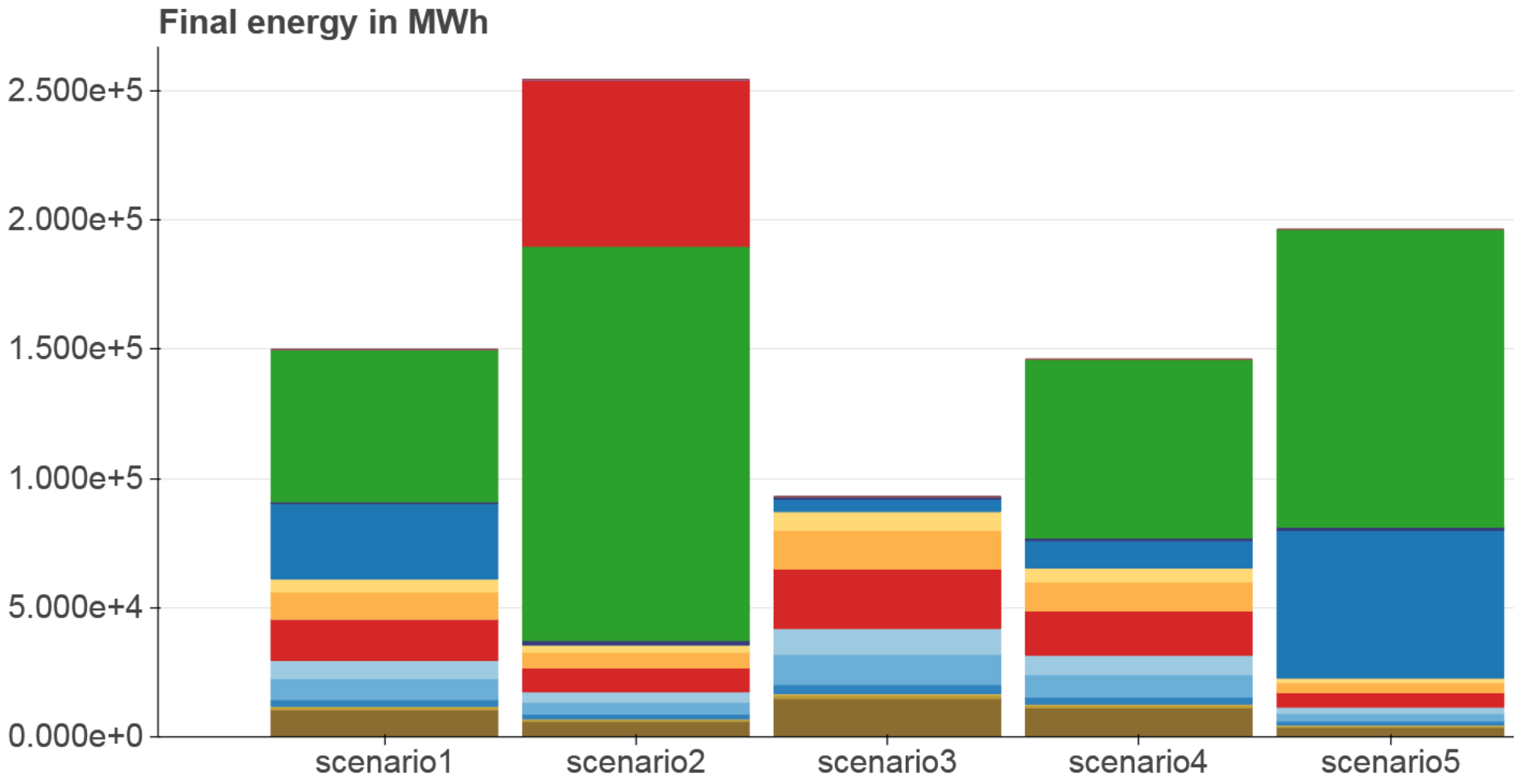

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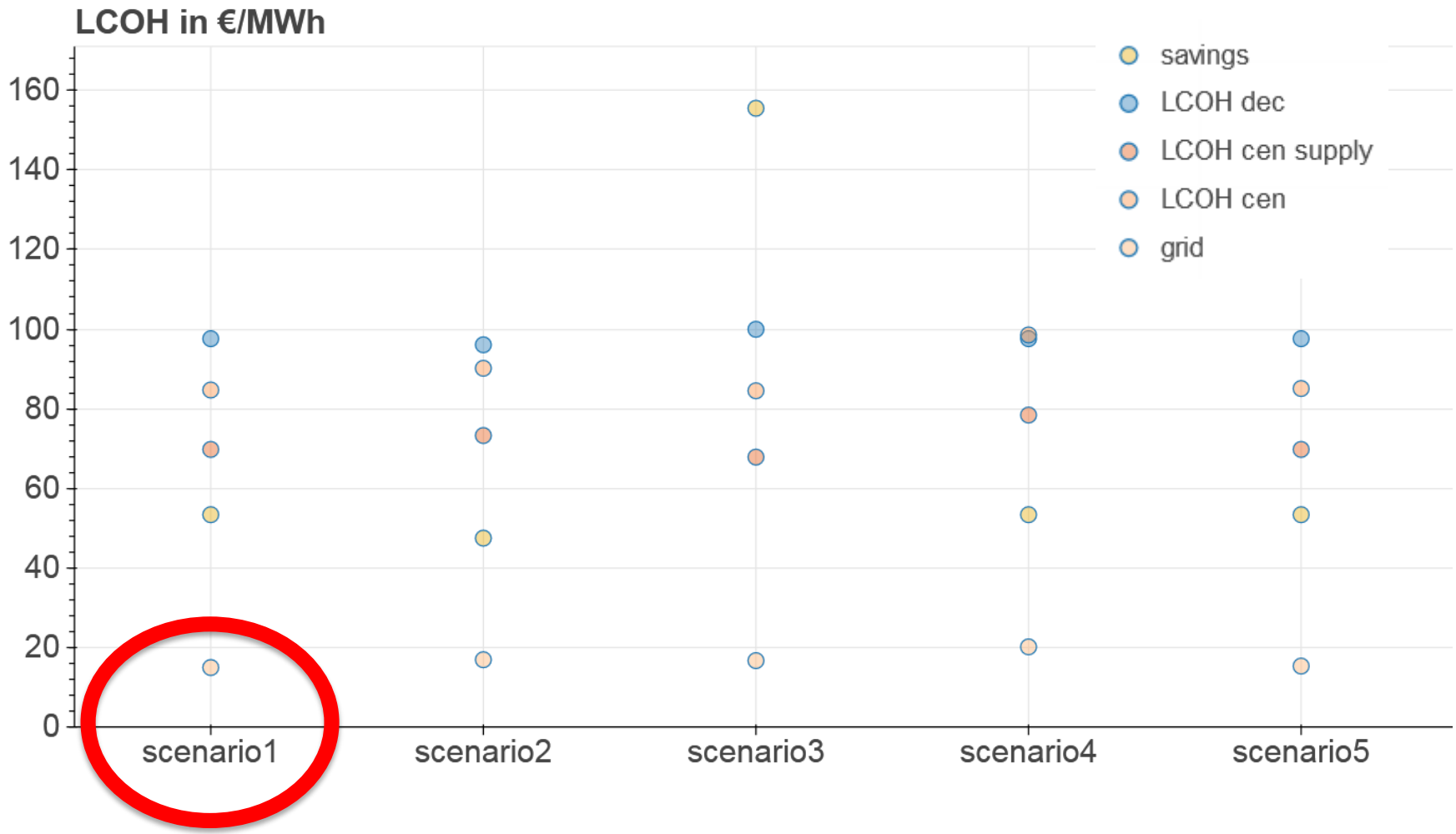

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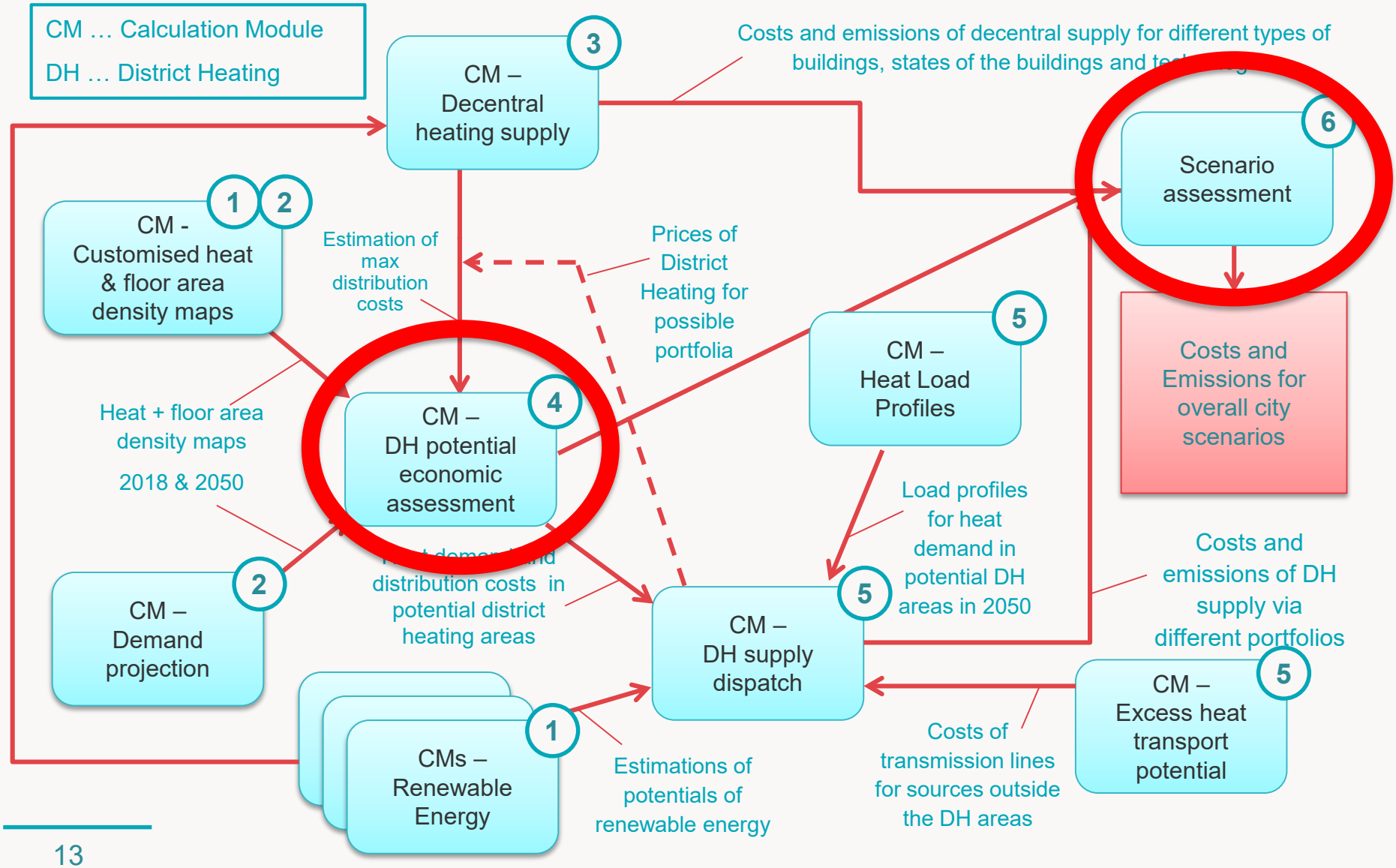
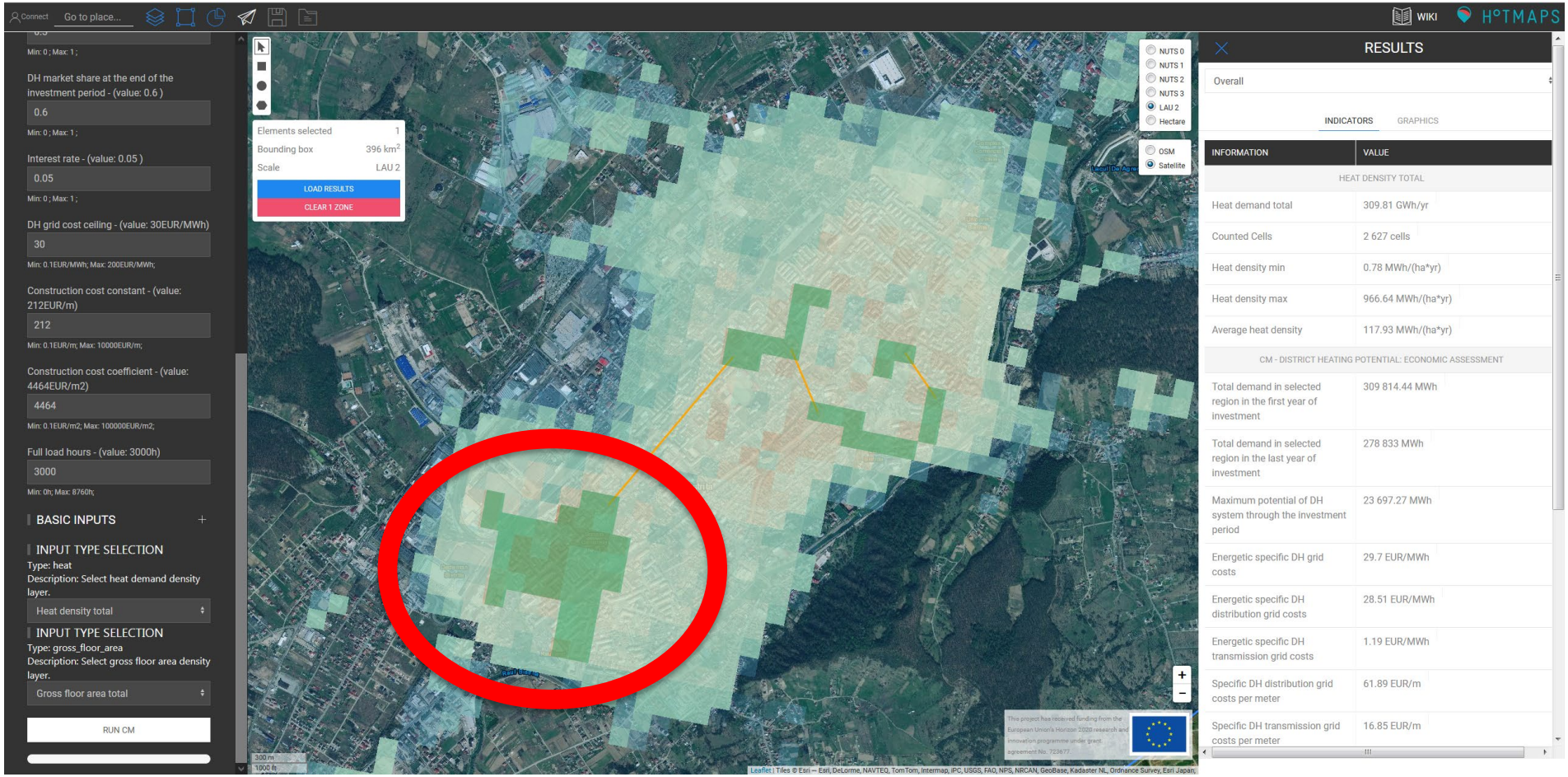


CM – DH Economic Assessment



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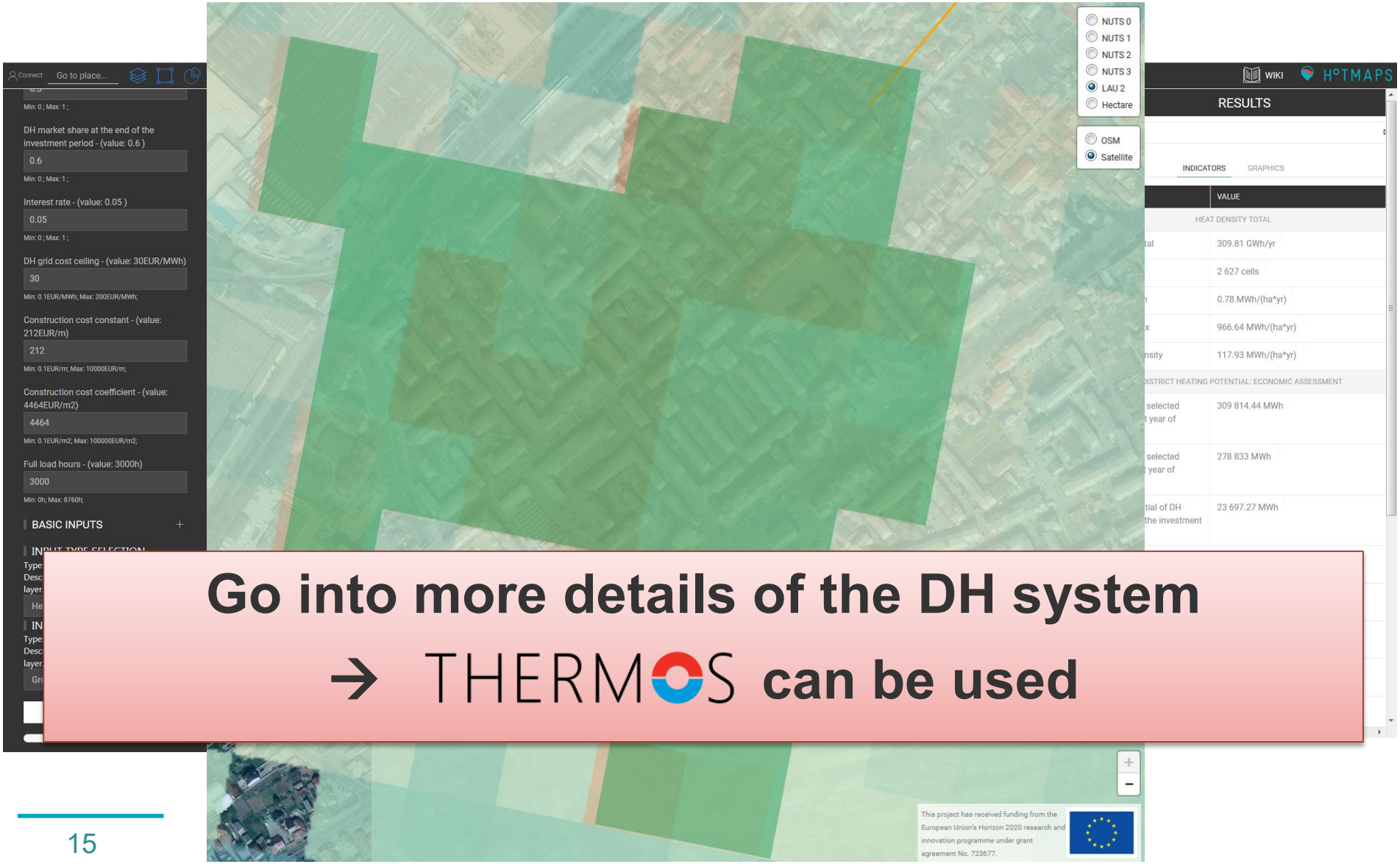

Go into more details of the DH system

→ THERMOS **can be used**

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