

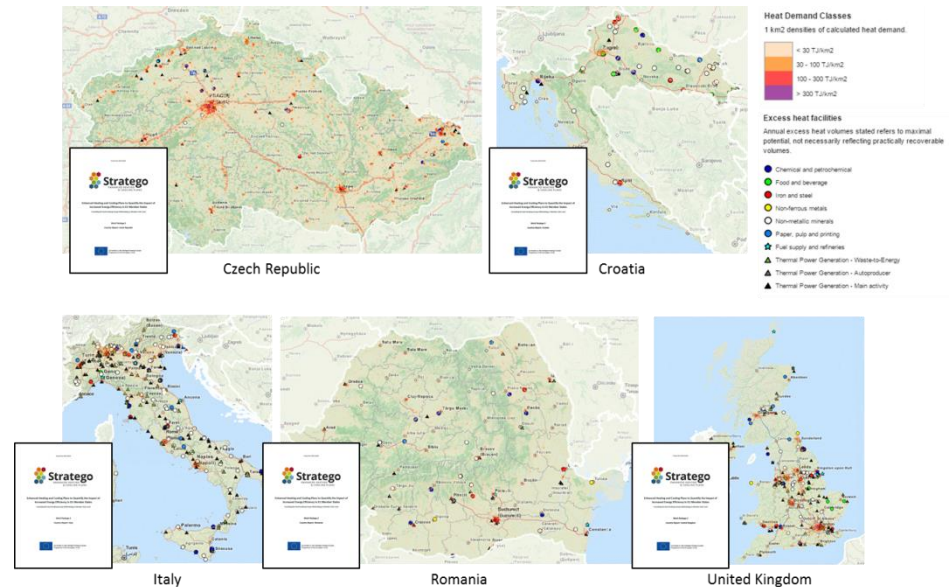
# From modelling & mapping to local heating & cooling plans

9 background reports

Pan European Thermal Atlas

Specific Map & Summary Report  
for each country ([CZ](#), [HR](#), [IT](#), [RO](#), [UK](#);  
25-30% of EU H&C demand)

40+ energy efficiency [projects](#) in 30  
European cities



## STRATEGO recommendations, conclusions & follow-up

Heat Roadmaps	Heat Savings	District Heating	Individual Heating Technology	District Heat Supply from Renewable Heat & Excess Heat*
	Reduction as a Percentage of the BAU 2050 Heat Demand	% of Total Heat Demand after Heat Savings (vs. % today)	Primary Technology	% of District Heat Production
Czech Republic	40%	40% (25%)	Heat pumps are recommended as the primary technology with small shares for biomass boilers, and solar thermal. The exact mix of each technology is not optimised.	65%
Croatia	40%	40% (15%)		45%
Italy	30%	60% (<5%)		40%
Romania	50%	40% (20%)		50%
United Kingdom	40%	70% (<5%)		45%

\*Doesn't include excess heat from thermal power plants or thermal boilers.

- 50% of the heat demand in Europe can be supplied with **district heating**
- There is more **excess heat** in Europe than all of the heat demand in buildings
- The heat sector is one of the cheapest options of **integrating renewables**
- Energy efficiency is required on both the **demand AND supply** side of the heat sector

*[Heat Roadmap Europe 2050](#): 14 countries, 85-90% EU heat demand*

*[Planheat](#): empowering public authorities in the development of sustainable plans for low carbon heating and cooling*