Fact Sheet: Municipal Heat Planning in Austria

Cities TCP
Decarbonising Cities & Communities

Practical Steps for Cities and Communities for Developing Municipal Heat Plans

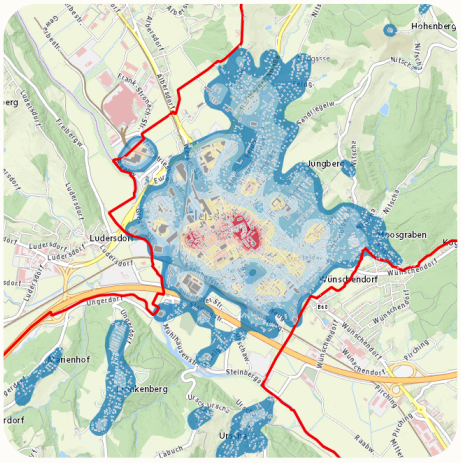
Why is municipal heat planning important for cities and communities?

A well-planned heating and cooling system makes cities and communities more sustainable, affordable, and future-proof. Municipal or communal heating plans (MHP) helps identify the best ways to provide **reliable and environmentally friendly** heating and cooling - wheather through district heating, renewable energy, or efficient building upgrades.

The **key goals** of MHP are:

- Creating sustainable, cost-effective, socially fair and reliable heating and cooling solutions that work for everyone.
- Developing clear strategies and action plans that help municipalities transition to greener energy.

By taking the right steps and engaging stakeholder, municipalities cut costs, reduce emissions and enhance life quality.



Initial step: Generating a heat demand density map, visual example (AEE INTEC)

What is necessary to develop a municipal heat plan?

A successful heat plan is based on **reliable data** about buildings, existing infrastructure, and future developments.

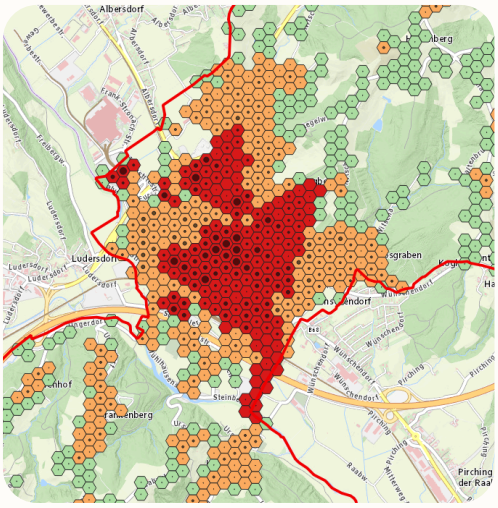
Interactive tools, such as **GIS maps**, help visualize energy needs and identify the best solutions. Ongoing **collaboration** with residents, businesses, and experts ensures effective implementation.

Key Steps & Resources

- **Gathering data** on buildings, energy supply and infrastructure
- **Mapping energy use** and potential renewable sources
- **Developing scenarios** for future heating solutions
- Aligning with **climate action plans**

Skills needed

- Urban energy planning
- Digital tools like GIS
- Technical knowledge of heating systems



Next step: Zoning map for spacial heating options derived from heat density map (AEE INTEC)

Developer: AEE INTEC within various spatial energy planning projects; Used in: Austria

Explore more!

Curious about other models and data we work with in the Cities TCP? Explore more fact sheets via this link!

Further information

www.waermeplanung.at
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