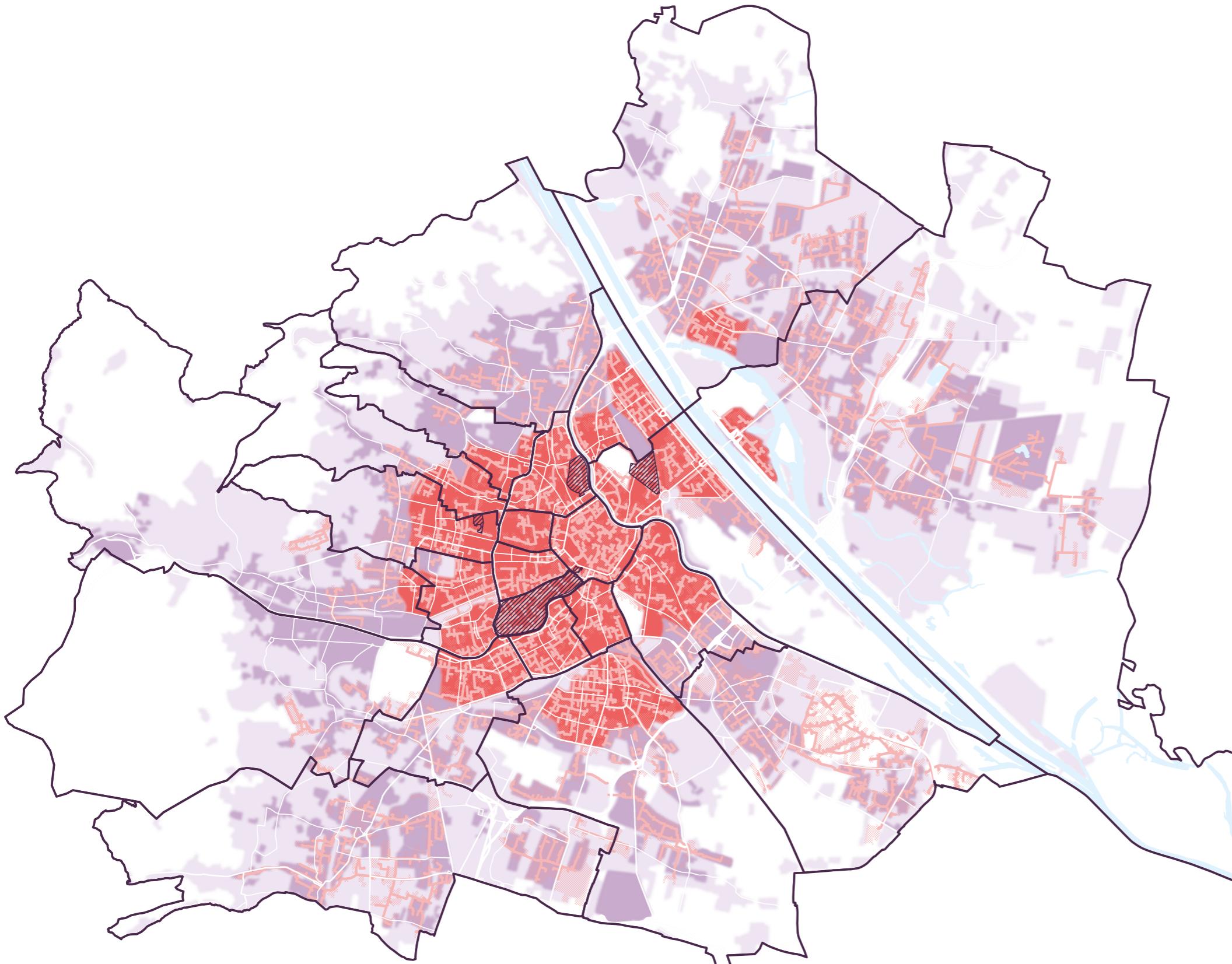




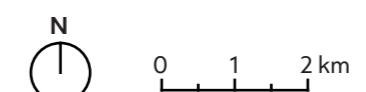
Vienna Heating Plan 2040

Status: May 2024



- District Heating Today**
Connection possible
- District Heating Today**
Connected areas
- District Heating Future**
Expansion planned
- "Pioniergebiete"**
Expansion in process
- Local Collective Heating**
Heating neighborhoods
- Local Individual Heating**
Heating individual buildings

- City boundary
- District boundary
- Water body
- Main streets
- Non-built-up area



Underlying data: City of Vienna – Energy planning (MA 20),
Wien Energie, Wiener Netze
Base map: City of Vienna – data.wien.gv.at

The Vienna Heating Plan 2040

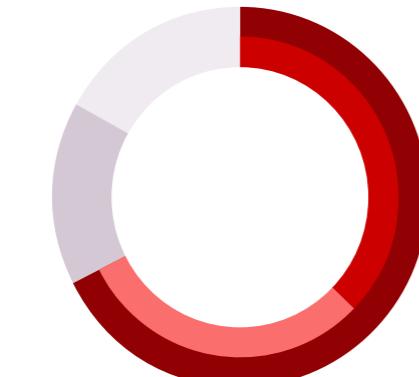
Orientation on the way to a climate-neutral heat supply in Vienna by 2040

By 2040, space heating and hot water preparation in buildings in Vienna are to be supplied exclusively from renewable sources. The Vienna Heating Plan 2040 supports this goal by providing guidance for all people living in Vienna. It shows which heat supply is best suited for buildings that are currently heated with oil or gas in the respective areas. It covers all built-up areas of the city.

To define the areas in the Vienna Heating Plan 2040 the existing and expected heat demand up to 2040, renewable energy potentials and the existing infrastructure were taken into account.

The Vienna Heating Plan 2040 focuses on all existing buildings. In Vienna we need to exchange around 600,000 gas boilers in existing buildings. Hence, the Vienna Heating Plan 2040 acts as an invitation to everybody living in Vienna to participate in the realisation of a climate-neutral future.

HEAT DEMAND ACCORDING TO THE VIENNA HEATING PLAN 2040



- **Areas suitable for district heating**
 - Supplied with district heating
 - Not supplied with district heating
- **Local Collective Heating**
- **Local Individual Heating**

INFORMATION AND SERVICE

Hauskunft – Die Sanierungsberatung für Häuser mit Zukunft
hauskunft-wien.at

Klima- und Innovationsagentur der Stadt Wien
erneuerbare-energie.urbaninnovation.at

Wien Energie
wienenergie.at/rausausgas

ICONS

- District heating
- Local heating networks
- Local Individual heating

District Heating Today

CONNECTED AREAS

These areas are mostly connected to district heating. Individual apartments that are not yet connected to the central heating system, but situated within buildings that are already supplied with district heating, can be connected retrospectively.

CONNECTION POSSIBLE

These areas show district heating pipes with the capacity for connecting additional buildings. Following a technical assessment by "Wien Energie", a connection to the district heating network could be possible today. The aim is to use the existing district heating infrastructure in these areas efficiently.

RECOMMENDED HEAT SUPPLY



District Heating Future

EXPANSION PLANNED

These areas are particularly suitable for district heating due to the dense urban development, the high heat demand density and the limited availability of local renewable energy sources. Comprehensive expansion of district heating in these areas is being examined and will be realised gradually.

RECOMMENDED HEAT SUPPLY



"Pioniergebiete"

EXPANSION IN PROCESS

In these pioneering areas, the comprehensive expansion of district heating is proactively pursued and implemented. Synergies with other construction projects are utilised and the experiences gained are incorporated into the future expansion of district heating.

RECOMMENDED HEAT SUPPLY



Local Collective Heating

HEATING NEIGHBOURHOODS

These areas are particularly suitable for collective heat supply via local heating networks. This is due to the dense urban development and high heat demand densities in these areas. Local heating networks utilise locally available energy sources and are capable of supplying several buildings at once. However, a building-specific heat supply is also an option.

RECOMMENDED HEAT SUPPLY



Local Individual Heating

HEATING INDIVIDUAL BUILDINGS

These areas are less densely developed. For buildings in these areas individual heating solutions using locally available renewable energy sources are recommended. Local heating networks are also possible in some cases.

RECOMMENDED HEAT SUPPLY

