



Vilniaus šilumos tinklai

EXPERIENCE OF VILNIUS DISTRICT HEATING COMPANY

A photograph of an industrial power plant with two tall smokestacks emitting smoke, set against a blue sky. The image is overlaid with a semi-transparent blue filter.

Producer of heat

The Company operates in competitive market and supplies heat and electricity from combined heat and power plant.

A photograph of a district heating network featuring large, insulated pipes running horizontally and vertically, supported by metal brackets. The image is overlaid with a semi-transparent blue filter.

Operator of district heating network

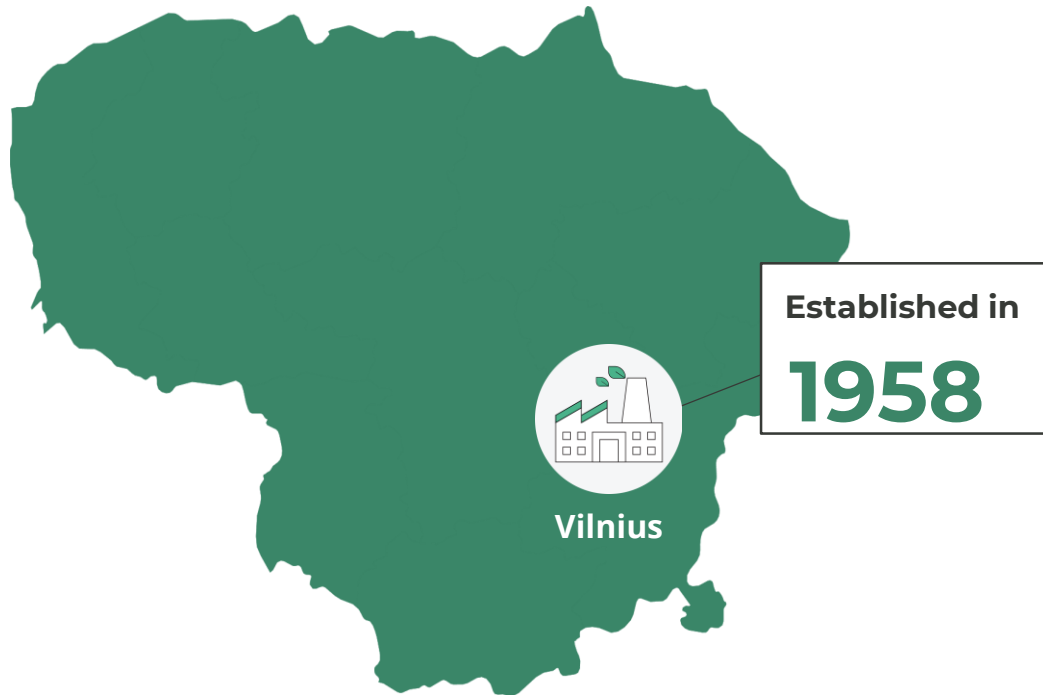
The Company owns and operates district heating network in Vilnius. We provide peak load and reserve capacity to ensure the quality of service for final customer.

A close-up photograph of a heating system component, showing a pressure gauge and various pipes and valves. The image is overlaid with a semi-transparent blue filter.

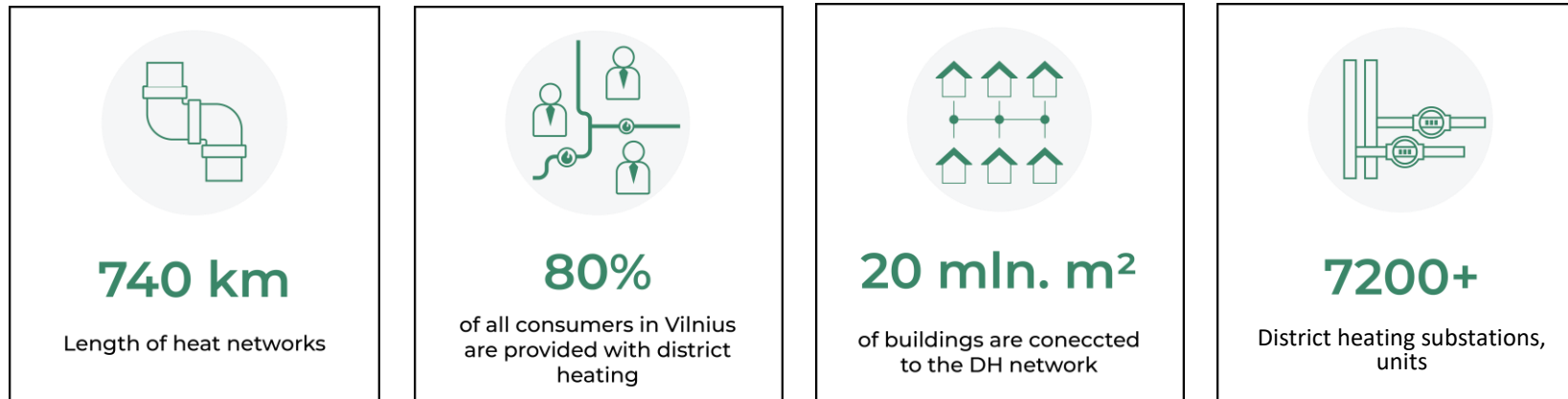
Customer care for the heat and hot water services

The Company supplies heat and hot water for the end customer.

Key facts



Infrastructure and capacity:



LITHUANIAN
BUSINESS
LEADERS

500
2020

200.000+
NUMBER OF CLIENTS

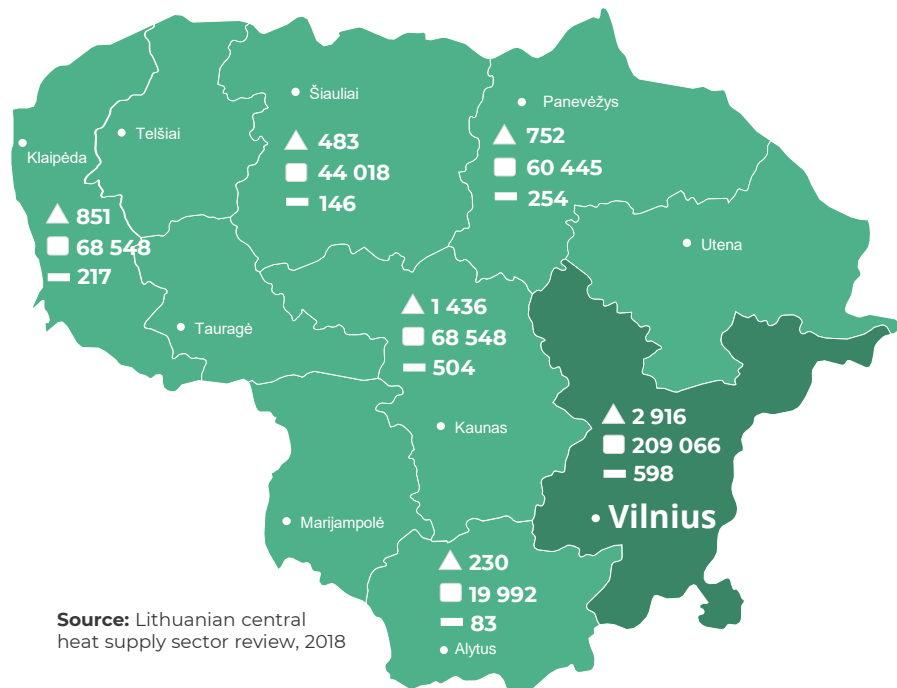


550+
NUMBER OF EMPLOYEES



Revenues of **131m EUR**
Total assets of **139m EUR**

The company is the largest supplier of heat and hot water in Lithuania



- ▲ Heat supply, (GWh)
- Total number of clients
- Length of heat networks, km

● 25%
741 Length of the network, km

● 26%
7 218 Connected buildings, units

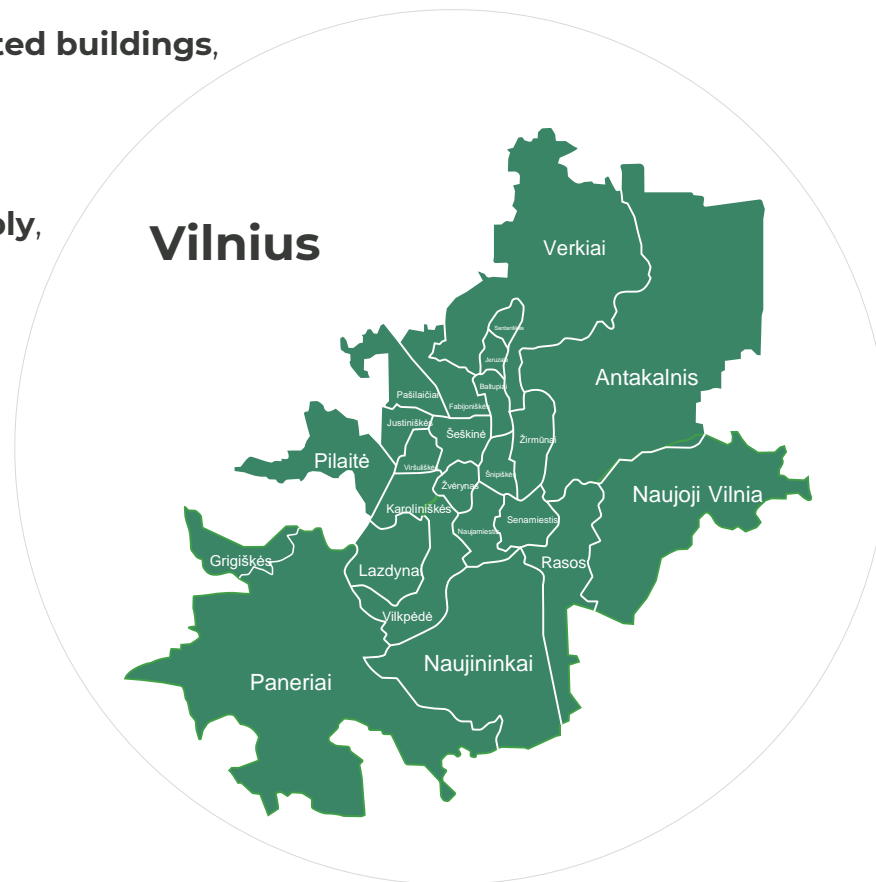
● 33%
2 752 Annual heat supply, GWh

● 26%
1 751 Heat production (by own sources), GWh

● 31%
212 781 Number of clients

● 50%
258 000 Hot water meters, units

54% Heat comes from RES



● VŠT part in total structure of all heating companies in Lithuania

Modern measures for network management



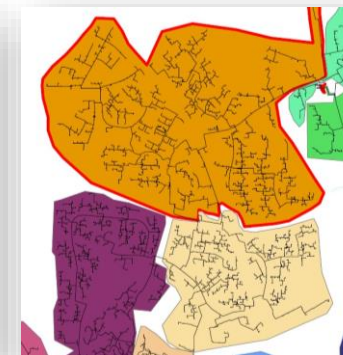
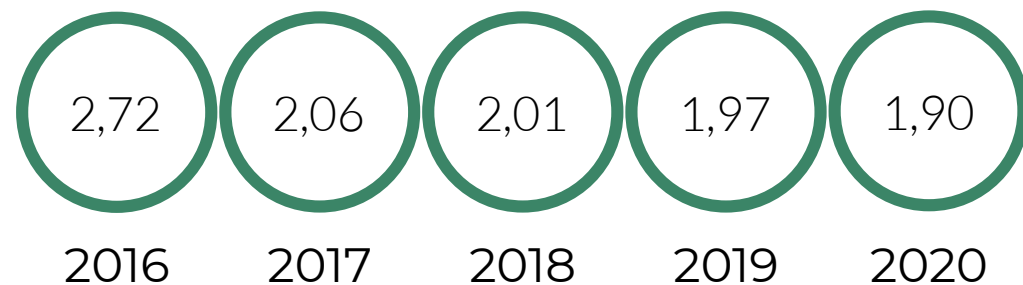
Hydraulic tests

31 hydraulic testing zones in 2020

Key steps:

- Planning
- Communication
- Testing
- Resuming of services

Interruptions by number of days



KLIENTŲ APKLAUSA: KAIP VERTINATE MŪSŲ VEIKLĄ BEI APTARNAVIMĄ?

KARŠTO VANDENS IR ŠILDYMO IŠJUNGIMAI

ĮVESKITE NAMO ADRESĄ

PASIRINKTI

Įveskite namo adresą arba adreso fragmentą (lietuviškais rašmenimis), norėdami patikrinti numatytą hidraulinių bandymų grafiką jūsų namui

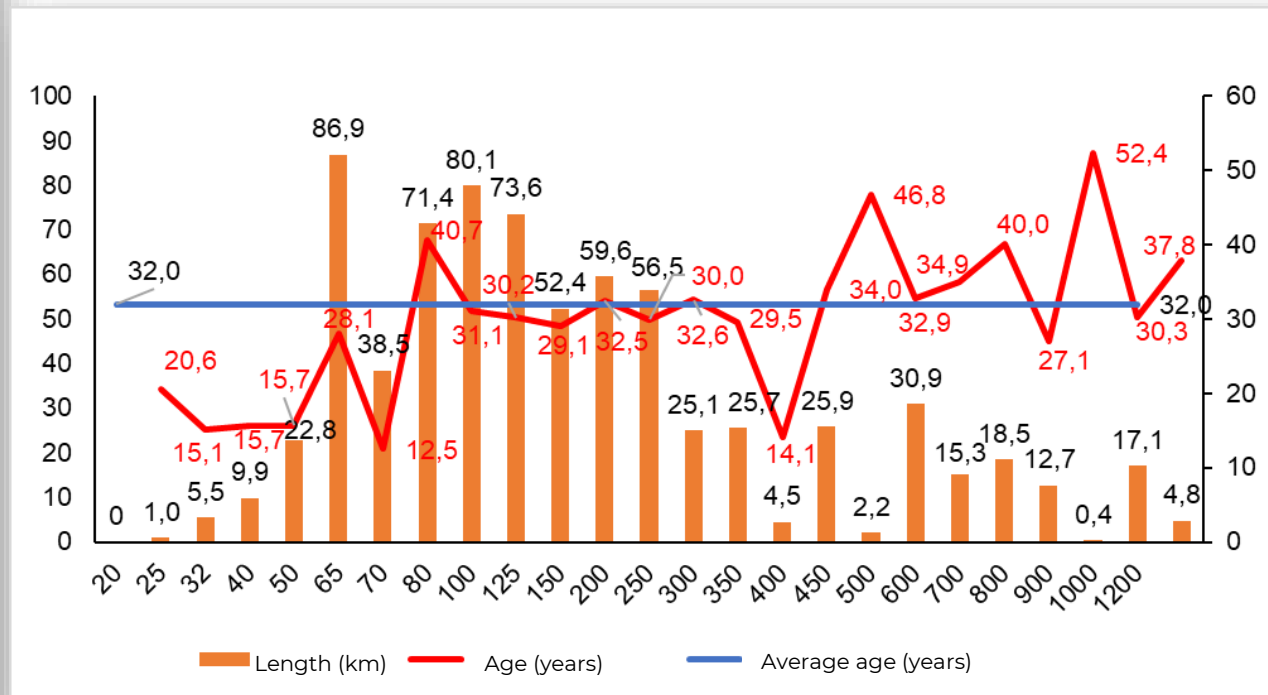


ŠILUMOS IR KARŠTO VANDENS KAINOS



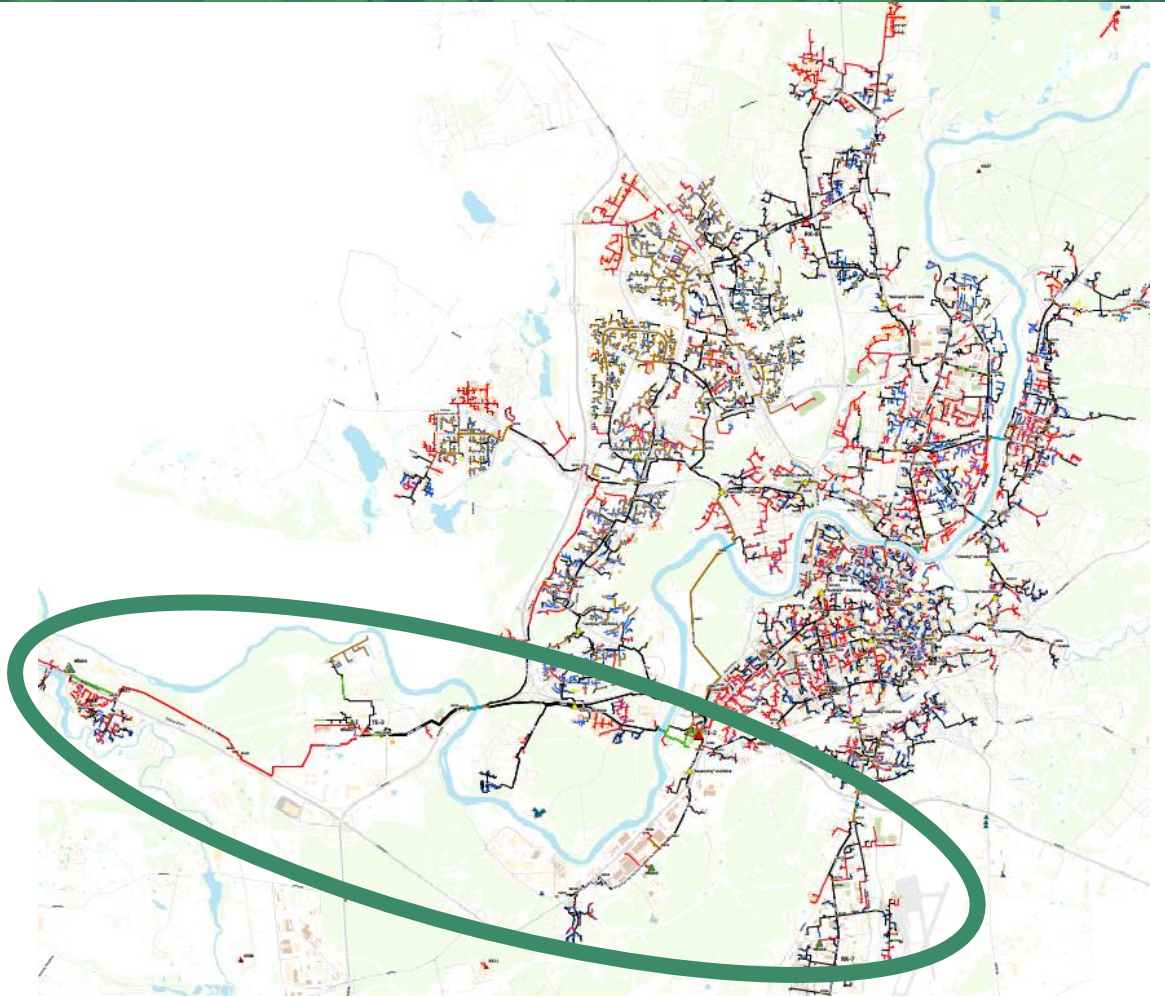
KARŠTO VANDENS IŠJUNGIMAS / HIDRAULINIAI BANDYMAI

Ageing network requires capital investments with diminishing yield

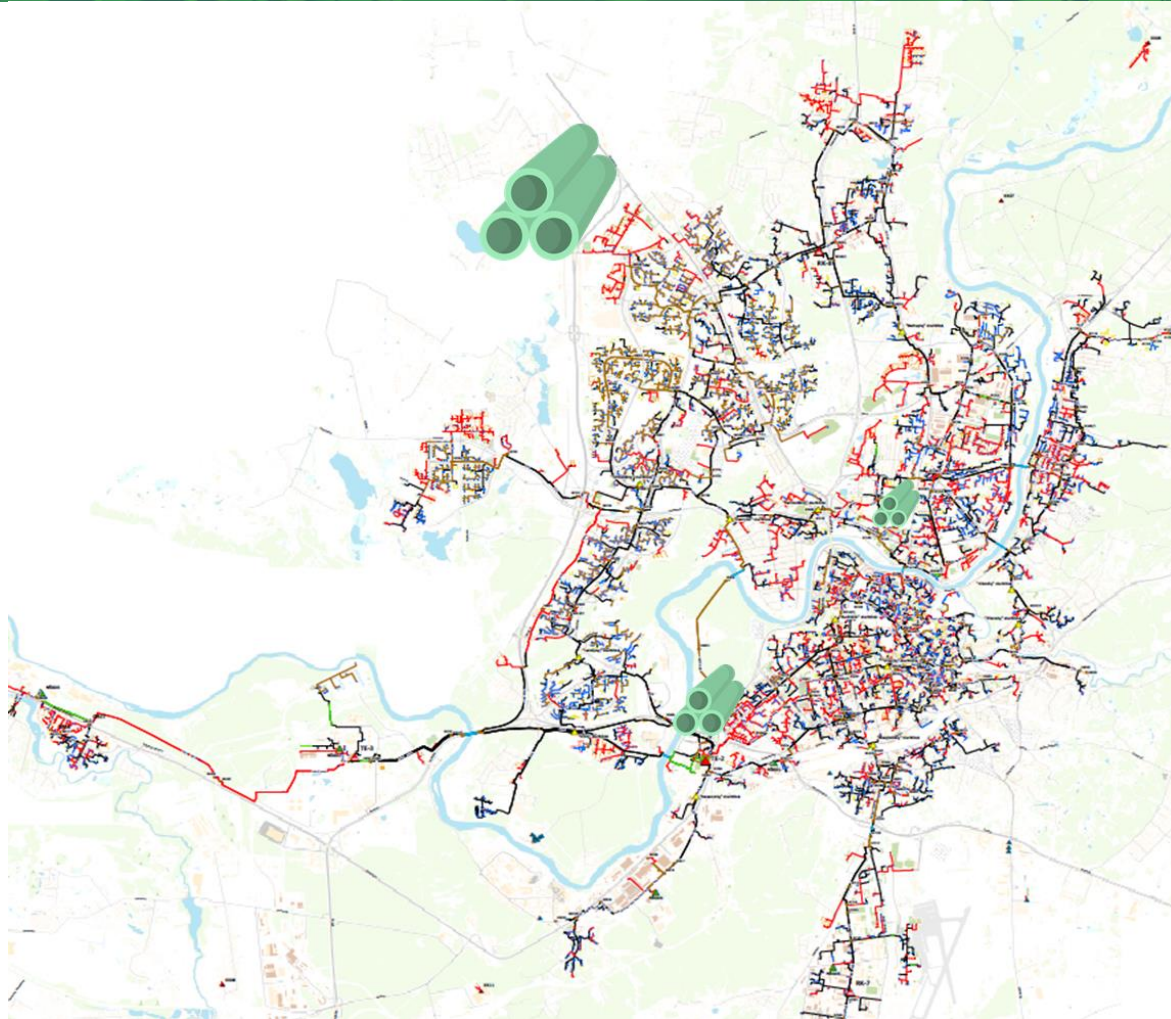


Concentration of heat sources creates challenges in network management

- Losses in the network
- Network resilience
- Network inertia
- Temperature range

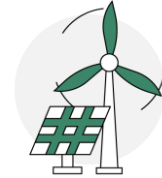


Low temperature district heating creates new opportunities





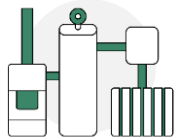
Waste heat



**Renewable energy
sources**



Smart technologies



**Lower temperature
networks**



Centralised cooling

Our Future Priorities

to create an intelligent energy
system that consumes an only
sustainable quantity of
bioenergy

<https://iel.lt/>



intelligent energy lab



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LET'S PROTECT THE EARTH

Sustainably, cleanly, and responsibly

