

PIPE RENEWAL USING CARBO SEAL TECHNOLOGY IN VILNIUS, LITHUANIA



AB Vilniaus šilumos tinklai is the **largest** heat network and hot water supplier in Lithuania



MAIN FACTS ABOUT US

221 166

CLIENTS (PRIVATE AND BUSINESS)



20,7 mln. m²

HEATED SQ. AREA



754

CENTRALIZED HEATING NETWORK, KM



1 816

PRODUCED HEAT IN OWN SOURCES,
GWH



7 324

HEATED BUILDINGS IN VILNIUS



~600

EMPLOYEES



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DESCRIPTION:

- **Background.** We chose this solution because the main challenges of this project were to perform the work as quickly as possible, to perform minimal interventions in the bridge structure and not to restrict traffic. In 2022 we traveled to Sweden where we got additional information after meeting with the manufacturer. We submitted our requirements to the CarboSeal by PPR and received confirmation that such a project is possible. After that we did a thorough market analysis and started a green public procurement to select the right partner for the implementation process. At the end of the public procurement, there was one supplier with whom negotiations were conducted regarding the terms and price of the technical specification. The submitted offer met our expectations and the contract was signed.
- **Production units.** 2 pipes L-95 m.
- **Distribution network.** 433 buildings with heat points (residential, commercial and administrative).
- **Average age of production.** Average pipelines age in the area 40 years.

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