



Insulated pipe systems at the Swiss Museum of Transport

FHK 2 x 157m | DN 125

COOLFLEX 2 x 129m | DN 100

BRUGG
Pipes

Pioneers in Infrastructure



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At Switzerland's largest and most famous museum – the Swiss Museum of Transport located directly on Lake Lucerne – BRUGG Pipes collaborated on an amazing project together with Energie Wasser Luzern (ewl) in March 2022.

The district heating and cooling lines connect the new "House of Energy" multi-purpose building to the existing exhibition buildings through the outdoor area.

Use of lake water as a modern and ecological source of heating and cooling in Lucerne

The system is located in the outdoor area of the museum, which is also open to visitors, so fast and efficient execution of the project was of utmost importance and central for all involved parties. Thanks to detailed project planning and coordination, the project went smoothly and was completed on schedule. Installation was carried out by our own installation team to the complete satisfaction of the customer.

A special feature of this project was that the lake water in the immediate vicinity was used as an energy source and distributed with a heat pump. The lake has large heat and cold reserves that can be used ecologically. This is an inexpensive and renewable source of energy with low investment costs and low maintenance. Thanks to the energy from the lake, the use of fossil fuels can be greatly reduced, thereby minimising CO₂ emissions. Since the energy is produced locally, long transport routes are not necessary and the added value stays in the region.

