



## **FLEXWELL-FHK Project Sevelen, Switzerland, 2025**

**BRUGG**  
Pipes  
Pioneers in Infrastructure





## Project

The Sevelen power station (EW Sevelen) in the canton of St. Gallen commissioned BRUGG Pipes, together with Eggenberger Ingenieure from Buchs (SG), to plan and implement a new heat pipe connection. The aim of the project was to create a reliable, efficient and durable solution that would meet the increasing demands for energy efficiency and security of supply.

The project presented particular technical challenges, especially due to the need to cross a stream and several challenging building entries.

These conditions required a flexible, robust and economical pipe solution that could be optimally adapted to the local conditions.

BRUGG Pipes was awarded the contract due to the high quality of its consulting services and technical expertise. The flexible metal pipe systems FLEXWELL-FHK and plastic-coated pipes PREMANT in the dimensions DN150 and DN200-150 were used. Both systems are specially designed for demanding installation conditions and ensure safe and efficient heat transfer over many decades.

The FLEXWELL-FHK pipe system was laid on 15 and 16 October 2025 within just two days and was used to connect a school to the district heating network.



The stream crossing was achieved with the help of empty pipes laid in advance, through which the BRUGG pipe systems were then pulled.

Thanks to the unique steel jacket construction of FLEXWELL-FHK, this solution could only be implemented worldwide with this system.

BRUGG Pipes took on the planning and engineering in collaboration with Eggenberger Ingenieure. Coordination was handled by our sales representative for the Eastern Switzerland region, Yvan Sigrist.

Thanks to the dedication of our FLEXWELL-FHK installation specialists and the smooth cooperation of all those involved, the sub-project was completed successfully and on schedule.

We would like to express our sincere thanks to EW Sevelen for the trust they have placed in us and look forward to further joint projects.