



Case Study  
**INDUSTRIAL**

Location  
Paris, France

End User  
Semhach

Year  
2015

Project

## Semhach Geothermal Project

In 1985, a geothermal heating network was developed, which provides sufficient heat for about 29,000 inhabitants of Val-de-Marne in the greater Paris region in France.

### What We Delivered



DIAMETER  
7"



PRESSURE  
1500 PSI



Length  
1,700 meter



JOINTS  
Threaded  
Connection



DELIVERING  
District  
Heating

7" Red Box® pipe was cemented in well to reline a failing 9 5/8" steel casing. Four wells were relined, and the fiberglass casing was cemented in place with no incidents.

Smooth bore of the fiberglass pipe improved the hydraulic performance of the well (well depths between 1700 meters to 1900 meters, temperature 90° C) and despite its smaller size, Red Box® product increased the thermal efficiency.

FPI provided Red Box® product in addition to supervisory and running services of the pipe.

*The wells consist of a steel casing subjected to severe corrosion. Chemicals are used for maintenance, but in case of leakage, there are risks of pollution and especially groundwater. A new solution being applied for the rehabilitation of the geothermal power station of the network of Semhach rather than re-introducing new steel tubes in the wells, they are fiberglass tubes.*

Gallery



Need  
More Info?

Please get in touch with us  
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