

# Project Koblenz:

Three culverts below the river Rhine in Koblenz, Germany

## Project data

Project description:	Three new culvert pipelines below the river Rhine for drinking water and gas supply
Challenges:	Ground conditions under the Rhine are difficult, and small bending radii needed to be taken into account. Furthermore, the installation took place in a drinking water protection area
Solution:	Trenchless pipe insertion applying the horizontal directional drilling method with a protective polyethylene pipe system.
Installation:	HDD horizontal directional drilling
Pipe system:	egeplast SLM® 3.0 OD 355 mm SDR 11 for drinking water; 420 m OD 355 mm SDR 11 for Gas; 420 m OD 225 mm for Gas; 395 m
Parties involved in the project:	Client: Energienetze Mittelrhein GmbH & Co.KG Planning: Moll prd, Schmallenberg HDD: LMR Drilling GmbH, Oldenburg Welding: Hubert Niederländer GmbH, St. Ingbert

