



PIPELINE CONSTRUCTION

PIPELINE CERVIGNANO-MORTARA
Italy



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Client: Snam Rete Gas S.p.A.

In order to expand the capacity of the north Italian gas transport network in east-west direction, a new gas pipeline (DN 1400) was built through the Po plain between Cervignano and Mortara.

MAX STREICHER S.p.A. was commissioned with the execution of lots 1 and 2 for a total length of 62 km.

As part of the activities in both lots (about 33.5 km between Cervignano and Rognano and 28.5 km between Rognano and Mortara) STREICHER also laid 28 secondary pipelines (DN 150 to DN 500) in addition to the main pipeline and set up 7 valve stations and two pig stations.

Moreover, there were carried out 63 casing pipe drillings, 5 micro-tunnelings, 9 crossings with the direct pipe method and 62 open trench crossings.

Not only the number of crossings proved to be time-consuming in this project, but also the growing season for rice, which is planted here on many areas, limited the execution of the construction work to the period between October and mid-April. In addition, the high groundwater level required a costly drainage along the pipeline route.

Project details

Client	Snam Rete Gas S.p.A.
Scope of work	Civil engineering, pipeline construction, special works (crossings, valve stations, etc.)
Location	Cervignano - Mortara, Italy
Total length	62 km
Pipe diameter	DN 1400
Execution period	September 2016 - September 2018

Challenges

- Pipeline runs through rice growing areas - works only possible from October to April
- Elaborate drainage due to high groundwater level
- Many crossings in different installation methods



Location:
Cervignano - Mortara, Italien

● — ● Execution by STREICHER