

NMP- project 'Scheldelaan 2002'



Principal : Nationale Maatschappij der Pijpleidingen,
Brussels

Client : Nationale Maatschappij der Pijpleidingen (NMP)

Period : 2001 - 2005

Budget : € 800.000

Location : Antwerpen - Scheldelaan

Scope of work : Engineering for high pressure pipelines
in parallel to the Scheldelaan at Antwerp

Services :

- Feasibility study
- Design
- Authority engineering
- Technical studies
- Material procurement
- Technical specifications, tender documents
- Domanial activities
- Site topography
- Site management and supervision
- As-built document preparation and as-built data implementation in client system (GIS for NMP, XSUF for Fluxys)



pipe strength preparation

Technical project description :

NMP acted as principal, as well as coordinator, for several companies involved in pipeline construction on the River Scheldt right bank at Antwerp.



pipeline installation in shaft PALL-tunnel



Soresma nv
Britselei 23
2000 Antwerpen
tel: +32 (0)3 221 55 00

Soresma nv Haecon
Poortakkerstraat 41
9051 Gent
tel. +32 (0)9 261 63 00

Soresma sa
Chaussée de Louvain 484
5004 Namur
tel. +32 (0)81 20 18 91

info@soresma.be
www.soresma.be
Marc Lanckzweert
Contract Manager

For reason of several underground pipelines in parallel to the Scheldelaan and the presence of obstacles in the pipeline corridors in the Antwerp Harbour area, it was deemed necessary to previously make a pipeline route feasibility study (finalised end 2001).

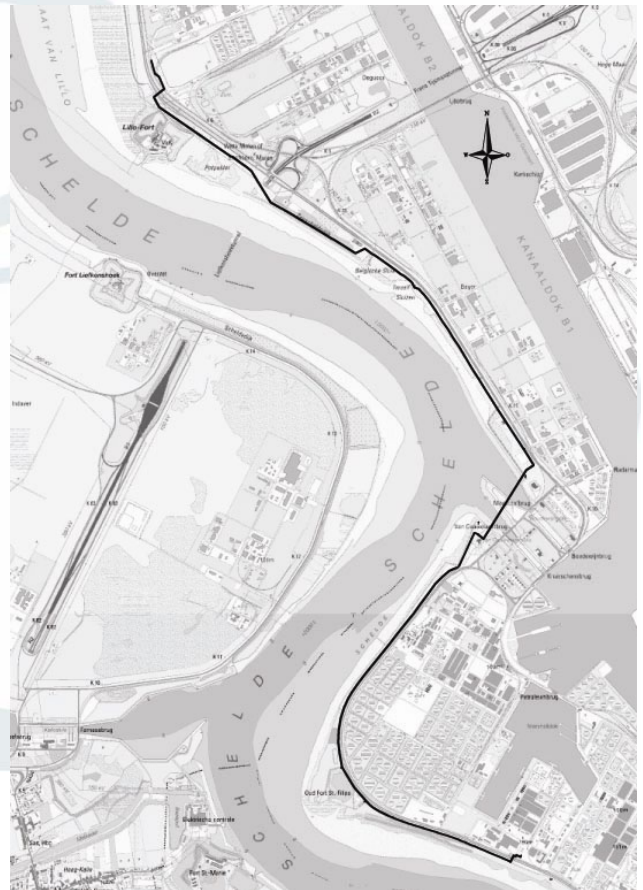
Late 2002, NMP decided to start the detailed engineering.

The following companies participated in the project :

- Atofina : pipeline for raw C4, including valve stations between Fina Antwerp Olefins and Oiltanking
 - Design pressure : 100 bars
 - Nominal diameter : 150 mm
 - Length : approx. 9.3 km
- Atofina : pipeline for butadiene, including line valve stations between Fina Antwerp Olefins and the Electrabel tunnel :
 - Design pressure : 100 bars
 - Nominal diameter : 100 mm
 - Length : approx. 1.6 km
- Nitraco : pipelines for the extension of the nitrogen network including line valve stations in the Antwerp Harbour area (left bank) :
 - Design pressure : 98,1 bars
 - Nominal diameters: 100/150/200 mm
 - Length : approx. 5.7 km
- Fluxys : natural gas pipeline, including duct for optic fibre cable, between the Kruisschans locks and the Fluxys Antwerp Central Gas depot (GCA):
 - Design pressure : 80 bars
 - Nominal diameter: 400 mm
 - Length : approx. 5.6 km



*Pipelines crossing lines
in pipeline corridor Scheldelaan*



Situation map – pipeline route along Scheldelaan