



## **FUTURE PIPE INDUSTRIES B.V.**

Glassfiber Reinforced Pipe Systems

### **Drainage Lines Shell Europoort, Rotterdam**

**Location**  
Rotterdam, Holland

**Completed date**  
1996

**End User**  
Shell Europoort

**Contractor**  
Hoogenboom contracting

**Consultant**  
JGC corporation



**Description**  
Several pipelines were installed to provide the drainage for oil storage tanks at the plant of Shell in Rotterdam.

**Scope**  
Our scope included:

- Engineering in co-operation with JGC
- Fabrication

**Pipe System**  
We have supplied a glassfiber reinforced epoxy system ranging up to 400 mm. The supplied pipes were connected by the rubber seal lock joint system which ensured fast and easy installation. Total project value was approximately NLG. 2.000.000.

**Advantages**  
Due to the installing of the pipes in tank pits, the light weight of GRE provided easy handling. The existing steel lines were corroded and needed replacement. To prevent future corrosion and minimise life cycle costs the customer chose GRE as the solution.