

REFINING

## PJ21 - Reconfiguration of Raffinerie de Port Jerome

ESSO Raffinage S.A.F.  
Port Jerome - France



**COMPLETION  
DATE 2004**

### PROJECT DESCRIPTION

The clean fuel project PJ21 was one of the most important environmental improvement projects taken in Europe. PJ21 allowed the refinery (one of the largest in Europe) to meet new EU automotive fuel specifications and reduce significantly its high-sulphur heavy fuel oil production. PJ21 involved:

- A new 48.000 barrels per stream day high-pressure desulphurisation Gofiner Unit to upgrade the feedstock to the catalytic cracker
- A new monoethanolamine treatment Unit to remove hydrogen sulphide from gas
- A new sour water stripper to remove hydrogen sulphide and ammonia from water and a new flare
- Associated revamping operations to upgrade the fluidised catalytic cracker, the sulphur recovery and utilities.

### FOSTER WHEELER ITALIANA SCOPE OF WORK

- FEED
- EPCm services
- Contract type: Reimbursable Services
- Both FEED and EPC phases were executed through the joint effort of teams from Paris, Milan and UK offices working together for the project.