

Aegean Refinery (STAR) Project

SOCAR & TURCAS Rafineri A.S. (STRAS)
Aliaga, Aegean Region - Turkey



**COMPLETION
DATE 2011**

PROJECT DESCRIPTION

Realization of a new Refinery to produce Jet Fuel and Diesel. Naphta and aromatics will be delivered to the adjacent petrochemical site. The Refinery, with an overall capacity of 214,000 BPSD, includes various units:

- CDU and VDU (Open art, (OAU)) 214000 BPSD
- Naphtha Hydrotreating (Licensed, (L))
- Hydrocracker (L) 66,000 BPSD
- Kerosene/Diesel Hydrotreater (L)
- Delayed Coker (Licensed by FW) 40,000 BPSD
- Saturated/Unsatur.LPG caustic treatment (L)
- CCR (L, including Toluene Xylenes columns) 28,000 BPSD
- Saturated Gas Unit (OAU)
- Amine Unit (OAU)
- Sour Water stripper (OAU)
- Sulphur and TGT (L)
- Hydrogen (L) 160,000 Nm3/h
- Utilities, Auxiliary systems and offsite facilities

FOSTER WHEELER ITALIANA SCOPE OF WORK

- Licensors coordination
- Basic Design of Open Art Units, Utilities & Offsites
- FEED services
- Activities executed in work sharing with FW Iberia & FW Bimas
- FW will provide also Technology for Delayed Coker Unit

TIC: In excess of 2 Billion Euro