

YULIN COAL TO CHEMICALS

POWER

DOW CHEMICAL_SHENHUA
Shaanxi Province - CHINA



**COMPLETION
DATE 2009**

PROJECT DESCRIPTION

World-scale coal-to-chemicals complex in Shaanxi Province, People's Republic of China. The project, if approved by Chinese authorities, will be the largest foreign investment project in China. The project will use "clean coal" technologies that convert coal to methanol to produce ethylene and propylene, to make various plastics and chemical products. The complex will include a chlor-alkali unit, enabling the production of products such as caustic soda, vinyl chloride monomer and chlorinated organics as well as glycols, amines, solvents, surfactants, acrylic acid and derivatives and propylene derivatives. The feasibility study includes environmental impact assessment, water supply, conceptual engineering design, product mix, logistics and supply chain, and economic evaluation.

FOSTER WHEELER ITALIANA SCOPE OF WORK

Foster Wheeler has been appointed as Program Management Contractor for the feasibility study with a total budget of over 100,000 manhours. Scope of work was divided groups and work sharing was done between Foster Wheeler's Milan, Reading and Shanghai offices. Foster Wheeler Italiana scope of work includes the Gasification, Syngas and Hydrogen, Sulphur, Methanol, Methanol-to-Olefins and Ammonia plant studies as well as Energy Center and Power Distribution configuration studies of the CTC complex; while FW Reading performed the studies for the petrochemical units of the complex and FW Shanghai concentrated on Supply Chain and Utilities & Infrastructures.