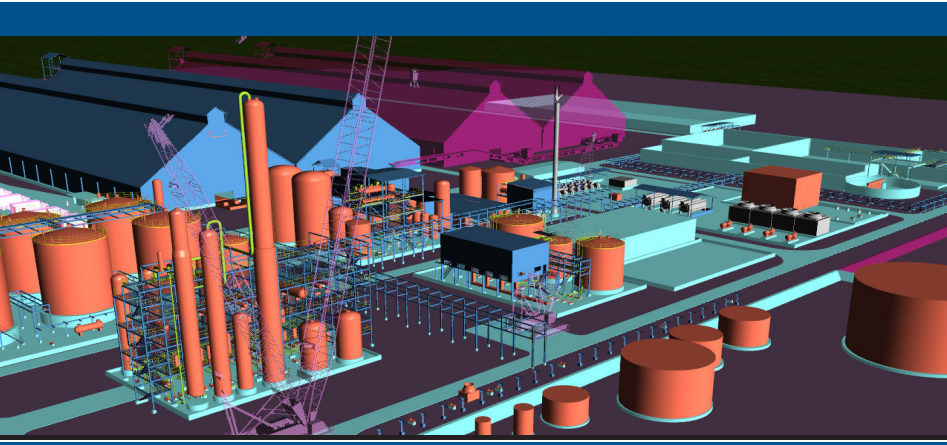


Thai Oil Ethanol Plant Project

NakornSawan Province, Thailand



Client

Thai Oil Public Co., Ltd. (TOP)

Project Scope

Front End Engineering Design

Technologies

Vogelbusch GmbH, Austria

Period of Work

January 2007 – May 2007

Project Description

Uhde Shedden (Thailand) Ltd. was engaged to provide FEED and Estimating services for a plant to produce fuel-grade ethanol using cassava chips as feedstock. At 500,000 litres per day this plant will rate amongst the highest capacity units in Thailand and be a major contributor to the Thai Government energy policy.

Ethanol can be blended into petrol (normally in range of 5% to 10%) to reduce dependency on crude and the inherent environmental problems associated with MTBE.