

# Total Leuna 2020+ - Germany

## Revamp of POX and VBU Unit

**Client:** TOTAL Raffinerie Mitteldeutschland

**Contractual scheme:** Contract consists of 4 lots: 1.1, 1.2, 1.3 & 2.0  
FEED (Phase 1) & EPC (Phase 2) (lump sum and reimbursable portion)

**Construction:** Gasifier Revamp 2019 – 2021, POX & VBU main turnaround June 2020

**Scope:** Engineering Procurement Services & Construction Management  
Revamp of Partial Oxidation Unit (POX) and Viscosity Breaker Unit (VBU) to increase Methanol production



- Lot 1.1: POX exchange of 6 gasifiers
- Lot 1.2: POX increase of Methanol production
- Lot 1.3: POX revamp of Naptha Soot recovery to provide heavier feedstock
- Lot 2.0: Visbreaker unit revamp to provide required feedstock

### Technical Details

**Gasifiers and Boilers:** 19 t/h VVR each  
**Visbreaker Unit:** 200 t/h

