Tank Farms and Terminals

Fields of Expertise

- Tank farms for crude oil, refined products, chemicals and biofuels
- Marine loading / unloading terminals, jetties and Single Point Moorings (SPM) for very large crude oil carriers (VLCC class)
- Railway and truck loading depots for national fuel distribution networks
- Depots for operation under permafrost conditions

Highlights

- Construction of the most modern storage depots in Europe (Grass Root storage depots in Romania)
- Application of modular design for storage depots
- Highly automated terminals with state-of-the-art loading facilities and tank management system
- Execution of projects in permafrost areas of the polar circle
- Execution of projects within the investment budget and under very tight schedules

Selected References

- Amman Reserve Terminal for Petroleum Products, Jordan
- Aqaba Oil & LPG Storage Terminal, Jordan
- Abu Dhabi Crude Oil Pipeline & Terminal Project, United Arab Emirates
- Baku-Tbilisi-Ceyhan Crude Oil Pipeline & Terminal Project, Turkish Section
- 6 new Petrom storage depots, Romania
- Revamp of Loading Bays in 37 Storage Depots, Romania
- Revamp of Tanker Loading Facilities at Leixoes Marine Terminal, Portugal
- Revamp of Tanker Unloading Facilities Wilhelmshaven, Germany
- Single Point Mooring (SPM) and Jetty in Atlas Cove, Nigeria

ILF Services

ILF provides all services required for the successful implementation of tank farm and terminal projects. These services include:

- Conceptual design, Basic engineering/FEED, detailed engineering, studies, technical due diligence
- EPCM incl. procurement, construction and commissioning management services
- PMC incl. procurement, construction and commissioning management services
- Technical safety and loss prevention: HAZID/HAZOP, SIL/LOPA, DRA studies, escape, evacuation and rescue assessment, fire and explosion safety studies, emergency and oil spill response plans
- Project risk assessment
ILF Consulting Engineers (ILF) consists of several international and independent engineering and consulting companies. ILF offers international top-quality design and consulting services in the Oil & Gas, Energy & Climate Protection, Water & Environment, Transport & Structures sectors. Our clients rely on ILF’s comprehensive capabilities and professional know-how that the company has acquired in more than 40 years.