



ENGINEERING
EXCELLENCE



Tank Farms and Terminals





Leixões, Portugal

Tank Farms and Terminals



Storage depot, Romania



Truck loading station



SPM Fujairah, UAE

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

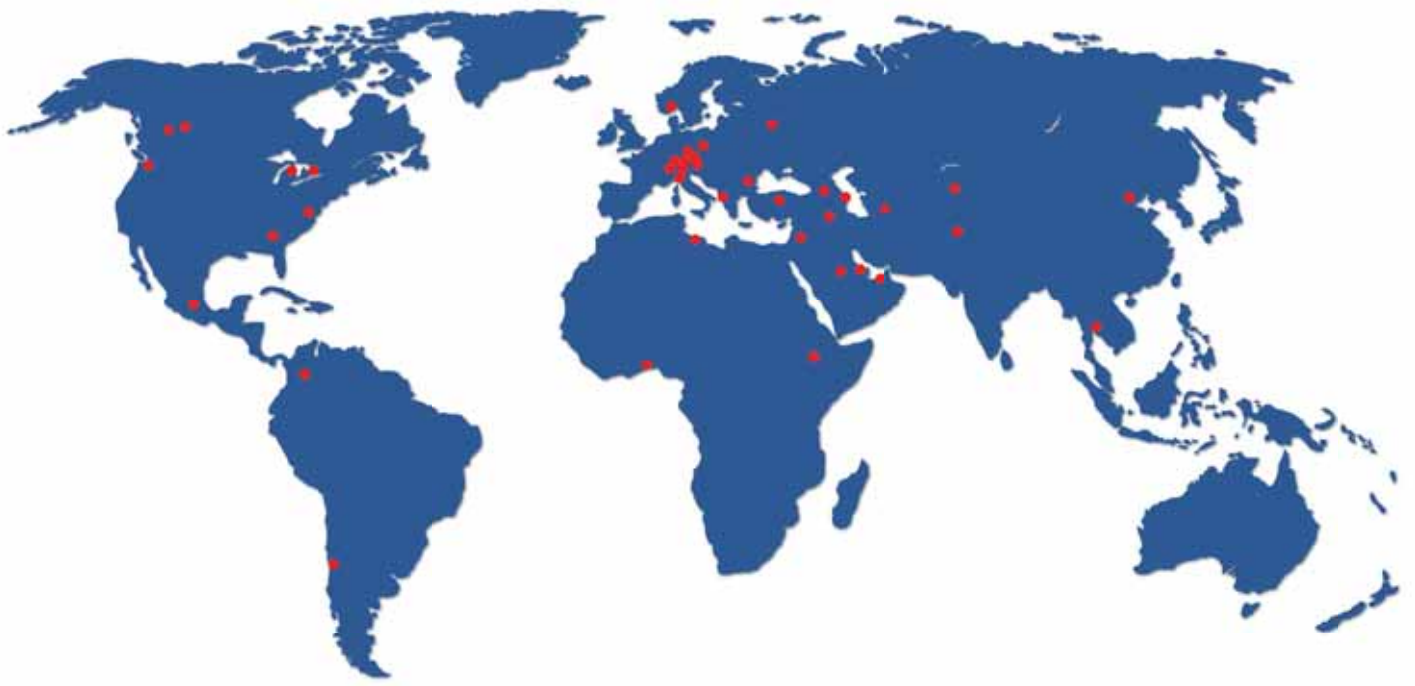
Selected References

- 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, QRA studies, escape, evacuation and rescue assessment, fire and explosion safety studies, emergency and oil spill response plans
- Project risk assessment



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