

CHEMICALS & PETROCHEMICALS.

ENGINEERING EXCELLENCE.



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The need to integrate precious hydrocarbon resources into a sustainable value chain for future generations is driving the development of new technologies and materials in the petrochemical industry, with important applications in almost all areas of modern society playing a fundamental role in global development.



Historically, downstream facilities have played a key role in producing the most important fuel products for economies worldwide. Today's revolutionary times, driven by the development of new materials, result in these facilities being used to produce more sophisticated chemical and petrochemical products.

Whether in the provision of services related to Inside or Outside Battery Limits (ISBL, OSBL), open-art process plants or as part of Licensors' Process Design Packages (PDPs), ILF's high-profile experts bring substantial value to the efficient and cost effective realization of complex projects requiring a high level of project management and technical experience.



"ILF's engineering excellence makes the concept of applying high-tech polyolefins a reality."

Dr. Walter Tesch, Head of the Center of Excellence for Downstream

PROJECT HIGHLIGHTS

- Debottlenecking of Naphtha Splitter (1,900 t/d) and Isomerization Plant (600 t/d), Romania
- Gas-to-Urea and Polyolefin Complex (160 mmscfd of Natural Gas), Turkey
- Monomer Recovery (7,100 t/a of Propylene), Austria
- Propane Dehydrogenation (PDH)/Polypropylene (PP) Production Plant (PDH 400 kt/a, PP 400 kt/a), Poland
- PE Plant – PE4 (>300 kt/a), Austria
- Polypropylene Plant – PP6 (60 kt of PP Film Grades), Germany
- Petrochemical Complex (1,100 kt/a Ethylene Cracker), Iraq



Gas-to-Urea and Polyolefin Complex



PE Plant – PE4, Schwechat, Austria



SNOx Plant, Austria



OSBL Facility at Schwechat Refinery, Austria



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