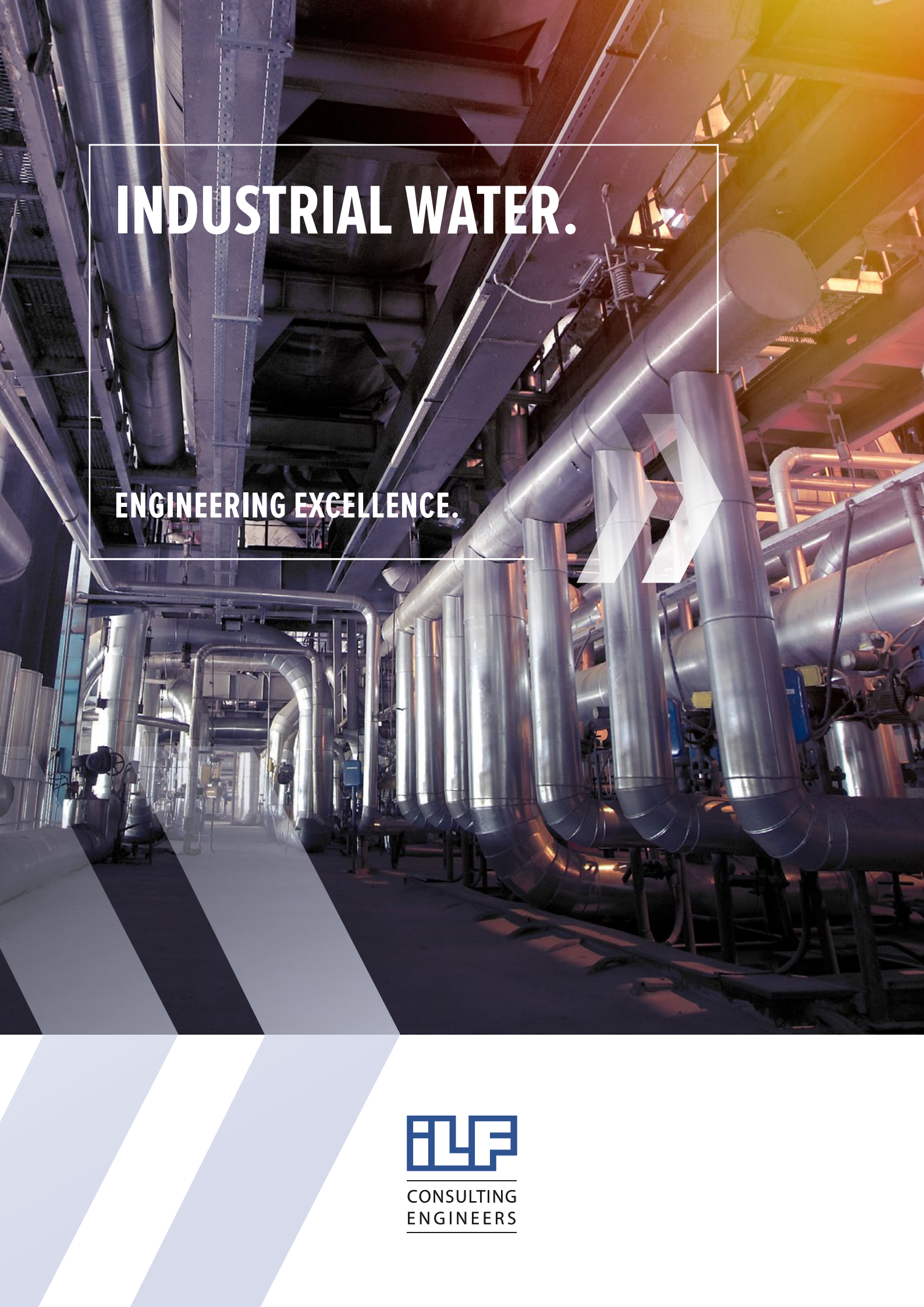


A photograph of an industrial water treatment facility. The image shows a complex network of large, metallic pipes and tanks, illuminated by warm, orange light. The pipes are arranged in a series of parallel rows, creating a sense of depth and scale. The background is dark, making the metallic surfaces stand out. A white rectangular box is overlaid on the upper left portion of the image, containing the text 'INDUSTRIAL WATER.' and 'ENGINEERING EXCELLENCE.'

INDUSTRIAL WATER.

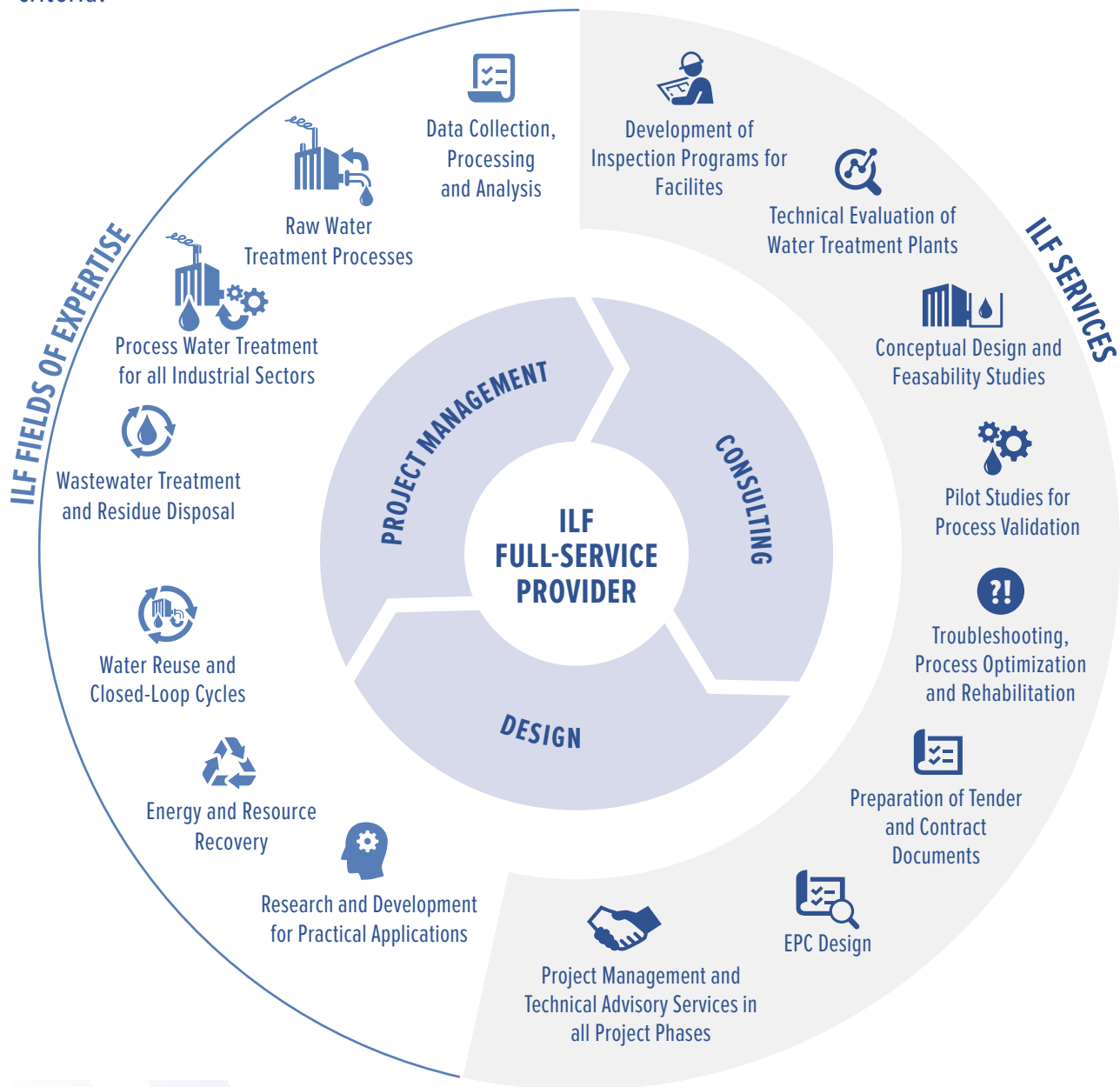
ENGINEERING EXCELLENCE.



CONSULTING
ENGINEERS

INDUSTRIAL WATER

Water is used in many different industrial processes. Consistent water quality is often decisive for stable production conditions. When the water is finally discharged from the industrial cycle as wastewater, it must be treated in such a way that it meets applicable environmental standards. ILF designs comprehensive water treatment solutions that meet these standards while complying with the relevant process-specific quality criteria.



ACCORDING TO THE 2023 GLOBAL CDP SURVEY, WATER SUPPLY ISSUES AFFECT 40% OF THE 3,163 PARTICIPATING COMPANIES

[HTTPS://WWW.CDP.NET/EN/INSIGHTS/GLOBAL-WATER-REPORT-2023](https://www.cdp.net/en/insights/global-water-report-2023)

Operating and expanding industrial plants in water-scarce regions requires solutions focused on the continuous reduction, reuse, and recovery of industrial water. ILF provides customized water treatment solutions that help reduce operating costs and minimize water-related risks that could jeopardize business continuity.

We help clients understand and optimize industrial water cycles by applying Best Available Techniques (BAT) to ensure the required water quality for each specific application. At the same time, ILF ensures that water-related industrial processes meet technical, economic, and environmental objectives across the entire plant lifecycle.



“Reliable water management is becoming an increasingly important location factor for industrial facilities. ILF helps limit costs and reduce environmental impact by defining appropriate water quality standards, applying suitable technologies, and enabling water reuse.”

Wolfgang Fischer,
Lead Industrial Water

PROJECT HIGHLIGHTS:

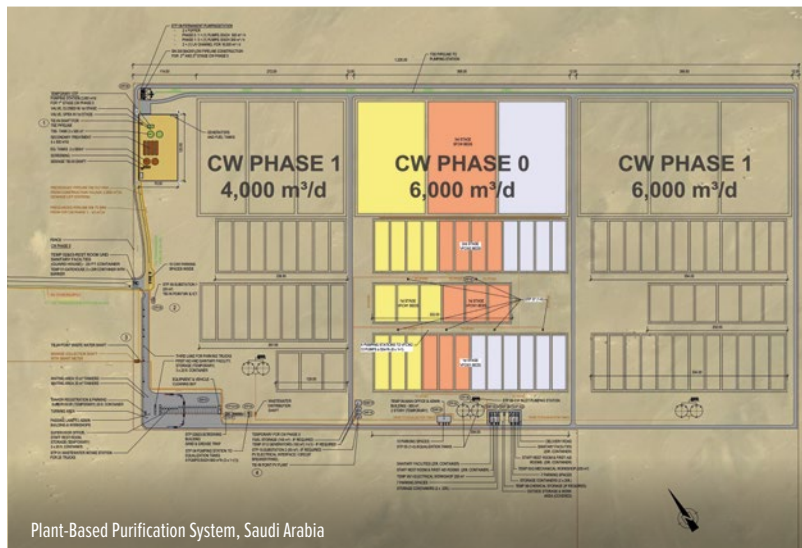
- Rehabilitation & Expansion of Industrial Wastewater Treatment Plant, Khalifa Industrial Zone (15,000 + 22,500 m³/day), UAE
- Expansion of Industrial Wastewater Treatment Plant (IWTP-8) Stage 4 (125,000 m³/day), KSA
- Industrial Water Treatment of 175,000 m³/day for water injection of the Zuluf Central Processing Facility, KSA
- Treatment of Activated Sludge in Kabd Treatment Plant through thermal hydrolysis and anaerobic digestion (250 m³/day), KUW
- Al-Mu’Ajjiz Crude Oil Terminal, Treatment of oily water from crude oil tanks (1,600 m³/day), KSA
- Design of new sludge treatment from natural gas production (sludge volume: 1,000 - 2,000 m³/year), GER
- Design of a new eco-friendly plant-based purification system (Conceptual and tender design for three-stage wastewater treatment plant, capacity: 6,000 m³/day), KSA
- Rehabilitation & expansion of Jeddah Industrial Wastewater Treatment Plant Industrial City (35,000 m³/day), KSA



Al-Mu’Ajjiz Crude Oil Terminal, Saudi Arabia



Storage Tanks for Sludge Treatment



Plant-Based Purification System, Saudi Arabia



Industrial Wastewater Treatment Plant in Jeddah Industrial City, Saudi Arabia



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