

URBAN WATER SYSTEMS.

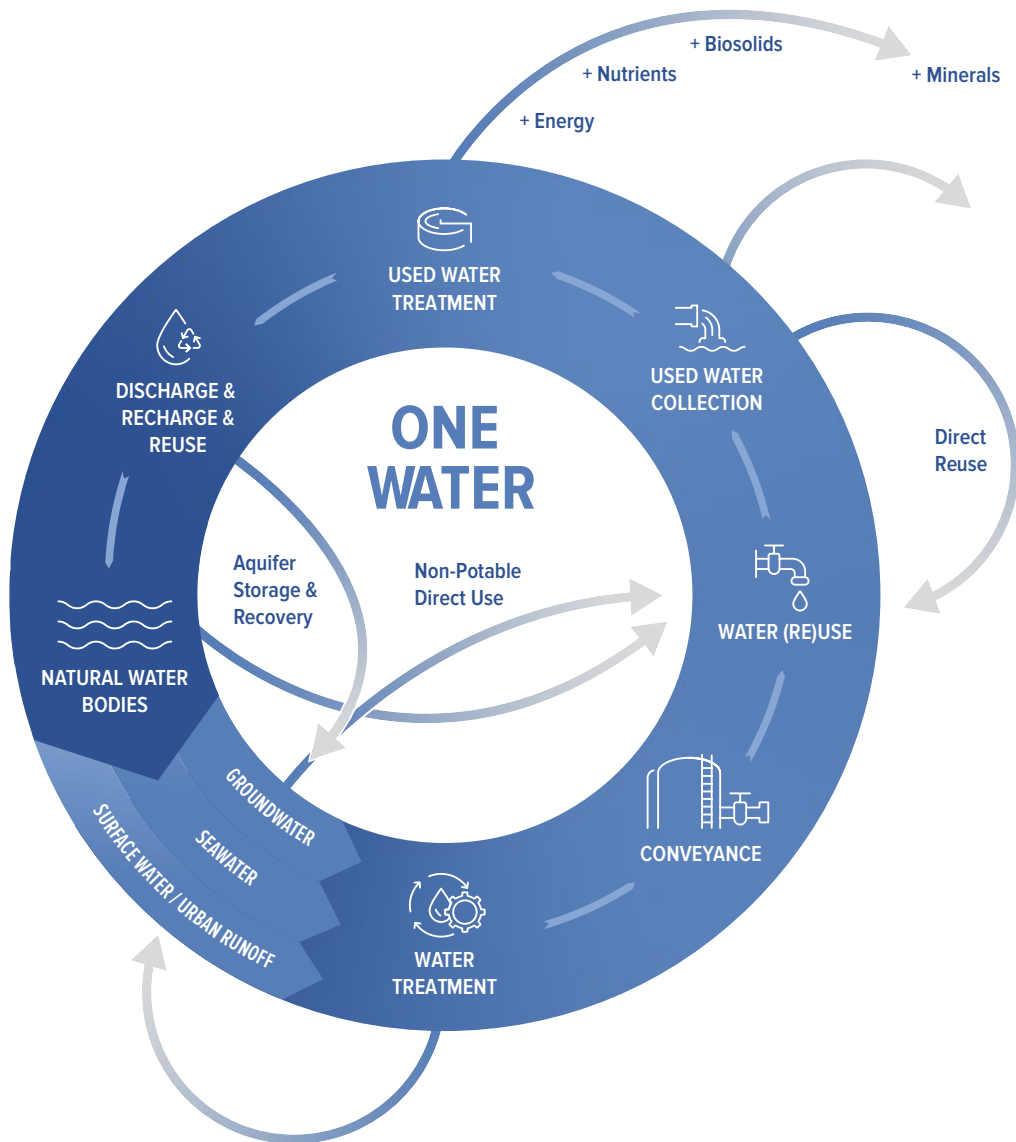
ENGINEERING EXCELLENCE.



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ILF ONE WATER

The One Water philosophy views all water, be it drinking water, stormwater, or used water, as interconnected components of a single system. By breaking down traditional barriers in water management, we aim to maximize the potential of every drop, ensuring sustainable and resilient water systems for the future.



Sustainable Urban Drainage Systems (SUDS)



URBAN WATER SYSTEMS

With urbanization rising exponentially, the need for appropriately managing water in urban areas continues to grow whatever the source and purpose. Seemingly resilient water supply and wastewater collection systems require smarter solutions than in the past due to factors such as climate change, aging infrastructure, resource recycling, digitalization and regulatory compliance.

The objective of responsible urban water management is to create towns and cities that are resilient, livable, productive and sustainable.

ILF is a leading provider of interdisciplinary engineering solutions to address urban water challenges. By taking an integrated urban water cycle approach, ILF delivers solutions that ultimately reduce potable water consumption and infrastructure life cycle costs while simultaneously improving the quality of life in urban spaces.

ILF'S URBAN WATER SOLUTIONS AIM TO:

- Ensure water security through efficient water use
- Harness the opportunities that digitalization offers for effective system operation and for the prevention of system outage
- Mitigate flood risk and damage
- Create public spaces and private places that harvest, clean and recycle water, resulting in water resource, environmental and social benefits

PROJECT HIGHLIGHTS

Water Supply:

- Water and Sanitation Infrastructure for Mbarara and Masaka Areas - Package 1, Uganda
- Pakistan-Revalidation of Feasibility Study for Restoration of Mandra-Chakwal-Bhaun and its Transaction Advisory Services, Pakistan
- Energy Efficiency in the Water Sector II in Jordan; Design and Construction Supervision, Jordan
- Hydraulic Models Update, Build and Calibrate for ADDC Potable Water Network, Consultancy Services, UAE
- Rehabilitation of Urban Water Supply and Sanitation Systems II, Kosovo
- Water Supply Systems in 28 Towns and Cities, Georgia
- Water Loss Reduction in Zarqa, Jordan

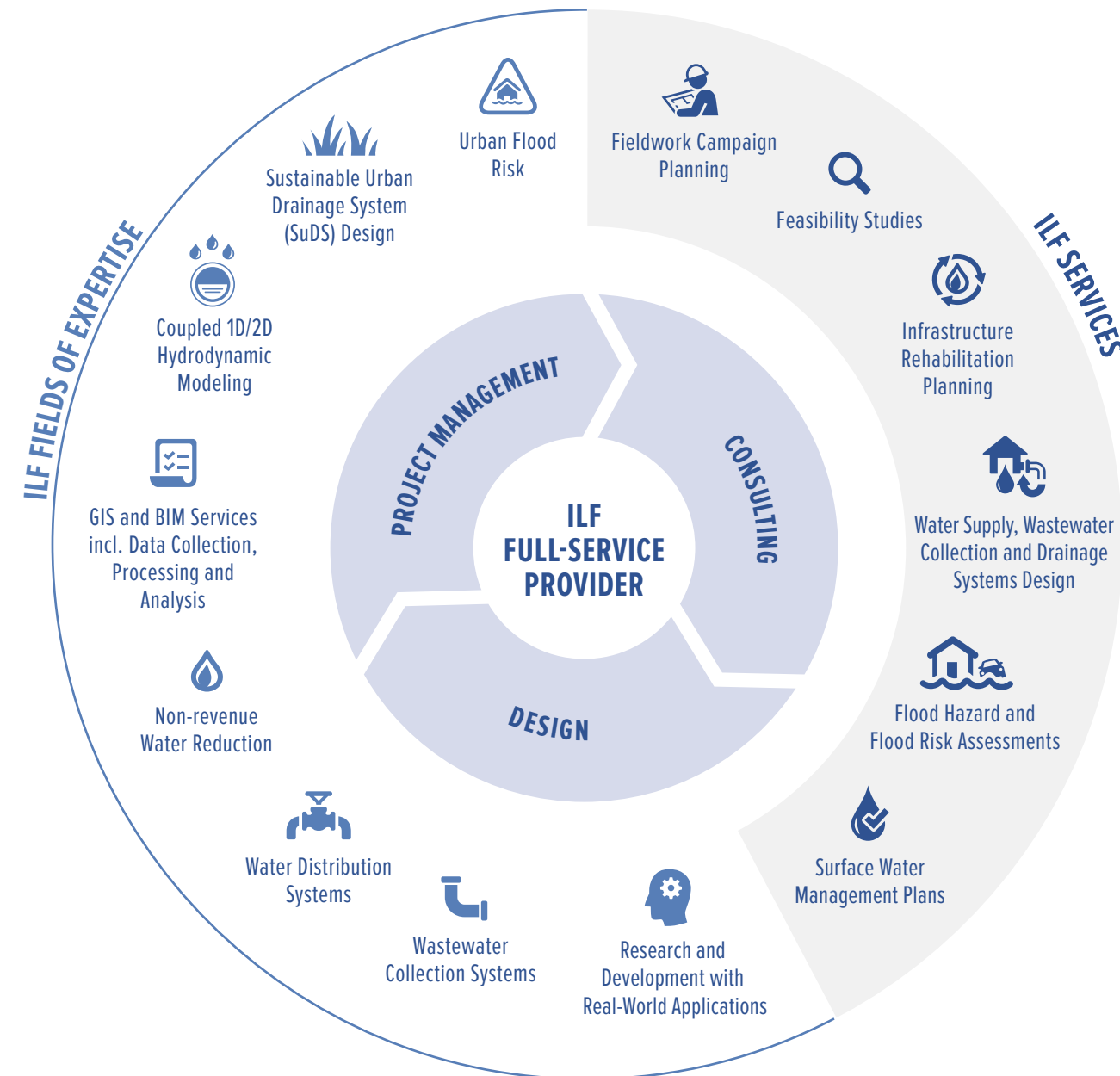
Wastewater Collection:

- Railroad Crossing Lerchenauer Strasse; Design of Wastewater Services, Germany
- Korça Water Supply and Sanitation System, Albania
- Irbid and Beit Ras Wastewater Networks, Jordan
- Saadiyat Island Sewer System, United Arab Emirates
- Adaptation of Stormwater and Sewerage System Mittlerer Ring Road, Munich, Germany

Integrated Urban Drainage:

- Sewer System and Stormwater Overflow Structures for the Town of Wattens, Austria
- Expansion of Drainage System for the Shahdag Mountain Resort, Azerbaijan
- Condition and Capacity Assessment of Combined Sewer and Drainage Systems for the Municipality of Hittisau, Austria

WITH ILF, URBAN WATER SYSTEMS BECOME INTELLIGENT SOLUTIONS FOR TOMORROW.



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“Managing urban water wisely is an ever increasing responsibility for our experts, to ensure the quality of urban living now and in the future.”

Dr. Michaela Wörndl,
Group Leader Water & Environmental Engineering



OUR CITIES ARE GROWING AT AN UNPRECEDENTED RATE, WITH OVER 170,000 NEW INHABITANTS SETTLING IN CITIES AROUND THE WORLD EVERY DAY



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