SOLUTIONS for Smart Urban Areas
GROWING SMART

Urbanisation will advance rapidly in the coming decades. More and more people will move from the country to the city. City infrastructure will be tested to its limits. At the same time, climate change is necessitating a fundamental realignment to CO₂-neutral energy management.

In order to meet these challenges while making the cities of the future fit places to live, people around the world are coming up with intelligent, digital concepts for cities: Smart Urban Areas.

In Smart Urban Areas, urban infrastructure and many areas of life are connected with each other digitally and intelligently. They can be divided into six zones. These zones represent different requirements and functions.

Wilo develops customised, energy-efficient and smart solutions to meet the various challenges.
In industry, material quality and compliance with standards are key aspects alongside operational reliability and energy efficiency. As working and living space increasingly grow together, production is facing new challenges in terms of operational reliability and comfort. Processes are becoming more complex and the requirements in terms of material quality are rising, while sustainability, emissions and energy efficiency are also growing in importance.

As a partner to industrial companies, we are addressing these more stringent requirements. With the highest quality standards for its own products, Wilo offers the right systems for a wide range of industrial applications — highly efficient, long-lasting and reliable. Wilo also offers numerous products with stainless steel finishes or special coatings for use in particularly challenging environments and under high strain.
UNICOM DATA CENTRE
GUIZHOU, CHINA
HVAC

ZHONGHUAN SUN POWER
HUHHOT, CHINA
Drainage & Sewage
SUMGAIT TECHNOLOGIES
DATA CENTER
BAKU, AZERBAIJAN
HVAC, Water Supply, Drainage & Sewage

SANGAM DATA CENTER
South Korea, Seoul
HVAC, Water Supply, Drainage & Sewage
GOOGLE DATACENTRE
HAMINA, FINNLAND
HVAC

HUawei DATA CENTER
Kenia, Nairobi
Drainage & Sewage
KAZZINC PLANT
UST-KAMENOGORSK, KAZAHKSTAN
Water Supply

WILOPARK
Dortmund, Germany
HVAC, Water Supply, Drainage & Sewage
GOLDBECK
BIELEFELD, GERMANY
HVAC

BOSCH REXROTH
BUSAN, KOREA
HVAC, Water Supply, Drainage & Sewage
ENSCO JACK UP RIG
ARABIAN GULF, UAE
Water Supply
PLATREEF MINE
MOKOPANE, SOUTH AFRICA
Drainage & Sewage
Wilo-Stratos MAXO
Smart wet runner pump for heating, cooling, air-conditioning

- Highest system efficiency
- Fully integrated connectivity
- Best networking capabilities
- Intelligent control functions
- Online access

Wilo-Stratos GIGA2.0
Smart dry runner pump for heating, cooling, air-conditioning

- Bluetooth interface and remote access option
- Application-guided setting assistant
- Optimum energy efficiency
- IE5 EC motor technology

Wilo-Helix2.0–VE
Multistage centrifugal pump for pressure boosting

- Quick maintenance
- Optimized design for easy operation
- Communication with BMS
- Lower life cycle costs
PIONEERING FOR SMART SOLUTIONS

Wilo produces pumps that guarantee maximum reliability, flexibility and efficiency. Our key services are positioned in the sectors of Water Management, Building Services and Industry.

We provide solutions for all scenes of the arena: heating or cooling of the facilities, water supply for the green and the sanitary facilities as well as wastewater treatment and transport within the entertainment areas.

That is why customers from all over the world trust in smart Wilo solutions.

Wilo-Actun ZETOS-K10
Submersible pump for raw water intake

- Maximum energy savings
- Compatible to control systems
- Demand-oriented system control
- Online access to run signals

Wilo-Rexa SOLID-Q
Submersible sewage pump for smart sewage pumping stations

- Maximum operational reliability and reduced service costs
- Lower energy costs
- Corrosion protection provided by an optional Ceram coating
- Optional Digital Data Interface (DDI) with integrated vibration monitoring, data logger, web server and digital rating plate

Wilo-EMUport CORE
Solid separations system for sewage collection and transport

- Maximum operational safety
- Cost-effective and energy savings
- Durable and corrosion-free
- Flexible installation and easy to integrate
ABOUT WILO

The Wilo Group is one of the world’s leading premium providers of pumps and pump systems for the building services, water management and industrial sectors. In the past decade, we have developed from a hidden champion into a visible and connected champion. Today, Wilo has around 8,200 employees worldwide.

Our innovative solutions, smart products and individual services move water in an intelligent, efficient and climate-friendly manner. We are also making an important contribution to climate protection with our sustainability strategy and in conjunction with our partners. We are systematically pressing ahead with the digital transformation of the Group. We are already the digital pioneer in the industry with our products and solutions, processes and business models.