SOLUTIONS
for Smart Urban Areas

wilo
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.
COMMERCIAL & INSTITUTION
HOUSING & LIVING

These zones cover different building types – from skyscrapers and malls to universities, hotel complexes and detached houses. The Commercial and Institution Zone comprises buildings that are used primarily for commercial purposes. Growing cities mean increasing complexity in facility management and new requirements in terms of connectivity. The Housing & Living Zone covers the living spaces in a city and is shaped in particular by the need for comfort and personalization. For many people, the home is a welcome retreat from an increasingly hectic world.

Digital developments like artificial intelligence and smart, connective products will control buildings efficiently and sustainably, making a positive contribution to urban development – also in terms of energy efficiency and CO2 prevention. Wilo ensures outstanding quality by meeting the highest standards and is the right partner for a sustainable future.
ALVEAR TOWER
ARGENTINA, BUENOS AIRES
HVAC, Water Supply, Drainage & Sewage

HAEUNDAE DOOSAN
SOUTH KOREA, BUSAN
Water Supply
UNITE STUDENTS
UNITED KINGDOM, LONDON
Water Supply

AL-GALALA CITY
EGYPT, GALALA
Water Supply
ROTANA HOTEL
JORDAN, AMMAN
HVAC, Water Supply

ALOFT HOTEL
USA, NEW YORK
HVAC, Water Supply
WARSAW SPIRE
POLAND, WARSAW
Water Supply
LVM – CHRYSTAL
GERMANY, MÜNSTER
HVAC, Drainage & Sewage

CENTRAL BANK
IRELAND, DUBLIN
HVAC, Water Supply
EMERALD QUARTERS
KAZAHKSTAN, NUR-SULTAN
Water Supply

COSTANERA CENTRE
CHILE, SANTIAGO DE CHILE
HVAC
GUANGZHOU INTERNATIONAL FINANCIAL CENTER
CHINA, GUANGZHOU
HVAC, Water Supply

BURJ CROWN TOWER
UAE, DUBAI
HVAC
SHENZHEN PING AN FINANCIAL CENTER
CHINA, SHENZHEN
Water Supply
EMAAR MALL
TURKEY, ISTANBUL
HVAC, Water Supply

MALL OF AFRICA
SOUTH AFRICA, MIDRAND
Water Supply
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.
China
Beijing, Qinhuangdao
Germany
Dortmund, Hof
Russia
Noginsk (Moscow Region)
Korea
Busan
UAE
Dubai
India
Pune, Kolhapur
USA
Cedarburg, Collierville
Turkey
Istanbul
Italy
Bari
France
Laval, Aubigny
Country with a sales office
City = main production site