

SOLUTIONS

for Smart Urban Areas



Agriculture



wilo

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.

SMART URBAN ZONES



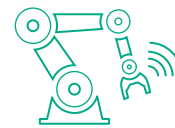
RECREATION



COMMERCIAL
& INSTITUTION



HOUSING & LIVING



INDUSTRY



TRANSPORTATION
& INFRASTRUCTURE



AGRICULTURE



AGRICULTURE

As Smart Urban Areas grow, agricultural spaces are spreading to urban structures. Green roofs, vertical farms and inner-city plots of land used for agriculture will improve the supply and the climate of urban areas. Our innovative product solutions support the sustainable design and redesign of conventional irrigation systems in both traditional and unconventional agriculture. Above all else, sustainable and efficient water management prevents the unnecessary lowering of the ground-water table and ensures the careful use of water as a resource. As well as being particularly resource-conserving, from water extraction through to irrigation, our Wilo solutions contribute to climate protection through the use of renewable energies such as solar power and can even be used where there is no electricity infrastructure.

TOSHKA PROJECT

NILE VALLEY, EGYPT

Water Supply



FRENCH VINEYARD

POMMARD, FRANCE

HVAC, Water Supply



LOS CHILCOS

PUCÓN, CHILE

Water Supply



WASTEWATER TREATMENT PLANT

QUEENSLAND, AUSTRALIA

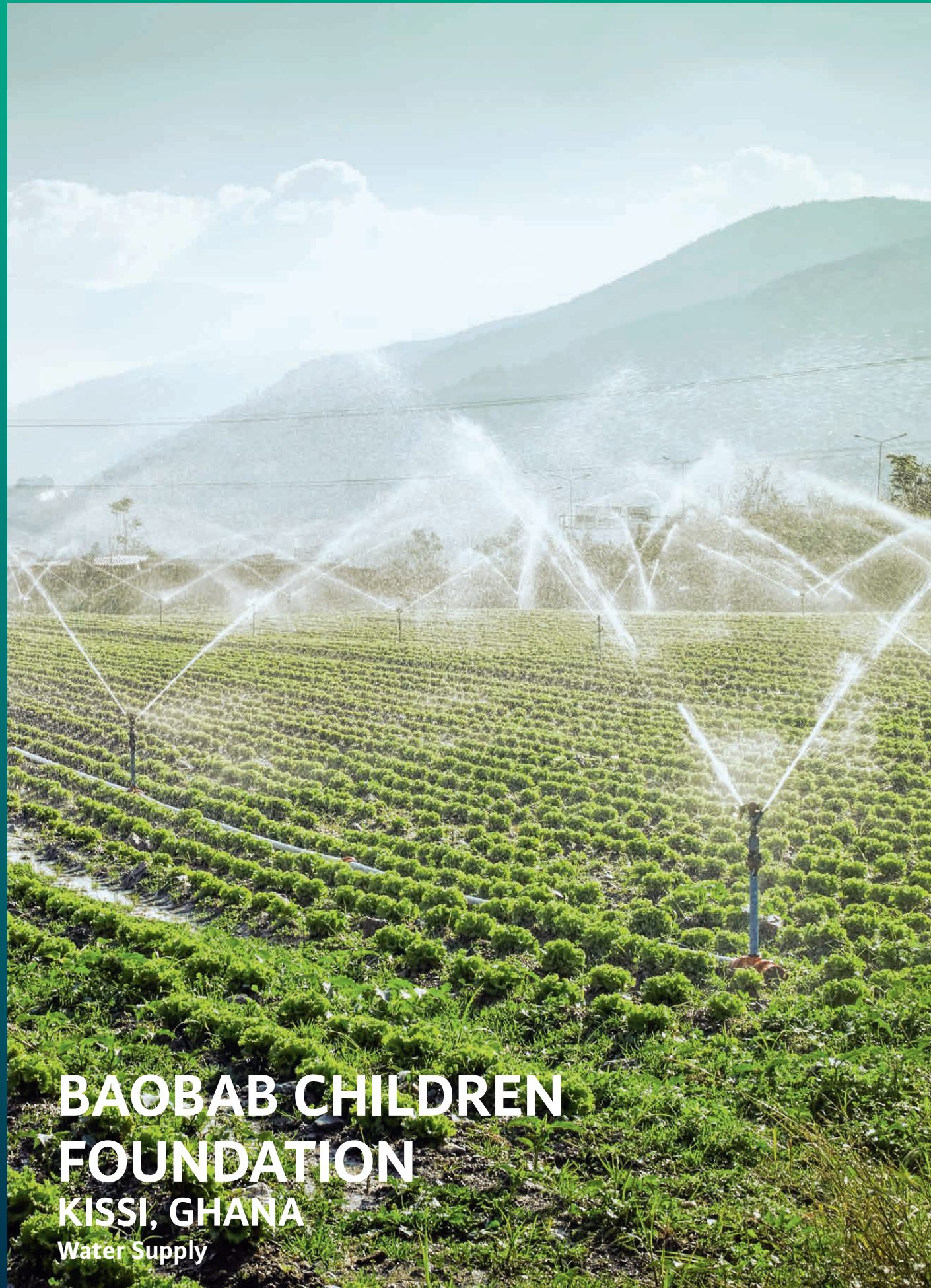
Water Supply, Drainage & Sewage



TALAWI VILLAGE SUMATRA, INDONESIA

Water Supply





NARMADA-MALWA-GHAMBHIR RIVER LINK PROJECT

MADHYA PRADESH, INDIA

Water Supply



EKITI PROJECT

EKITI STATE, NIGERIA

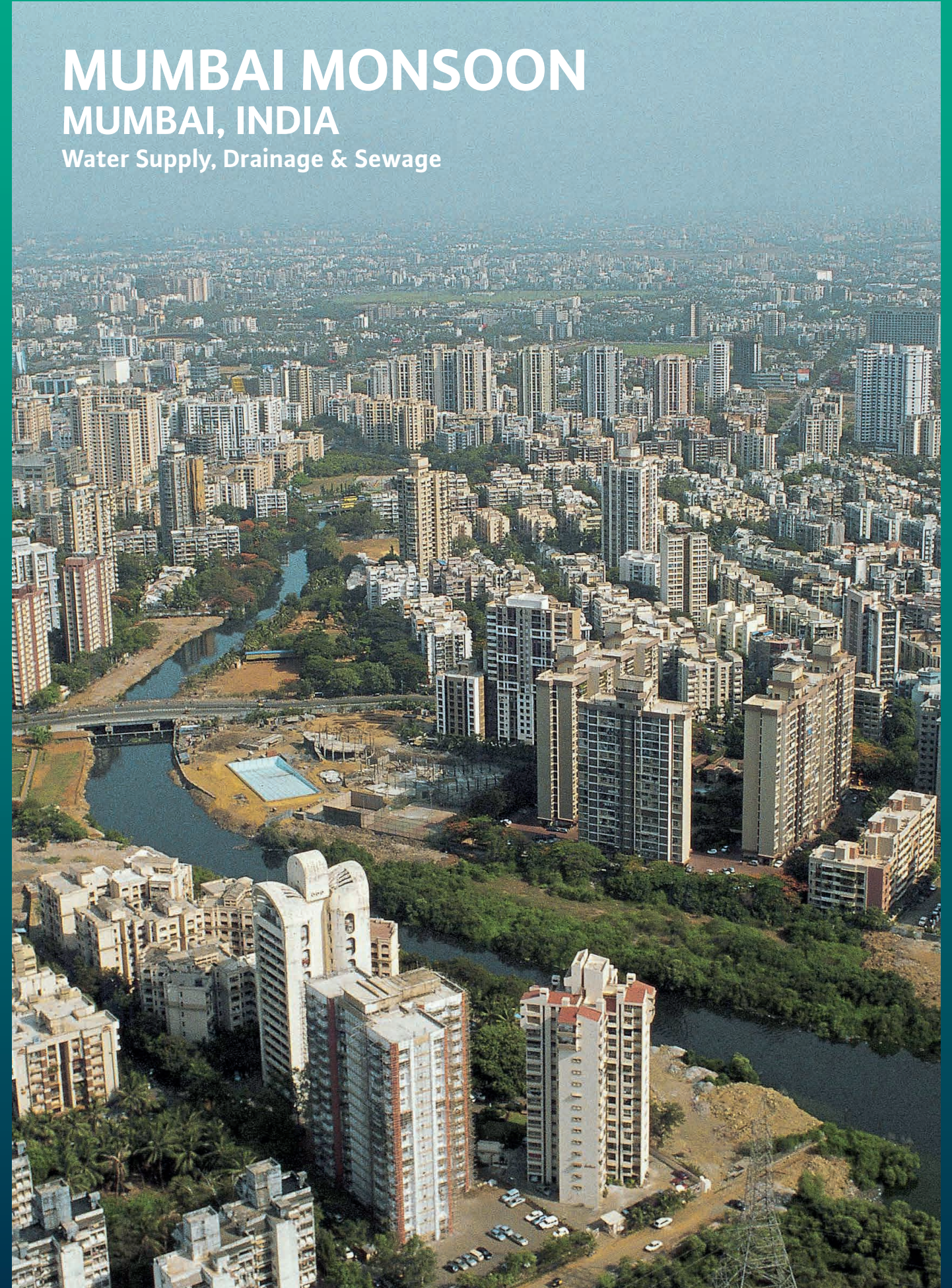
Water Supply



MUMBAI MONSOON

MUMBAI, INDIA

Water Supply, Drainage & Sewage



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-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



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

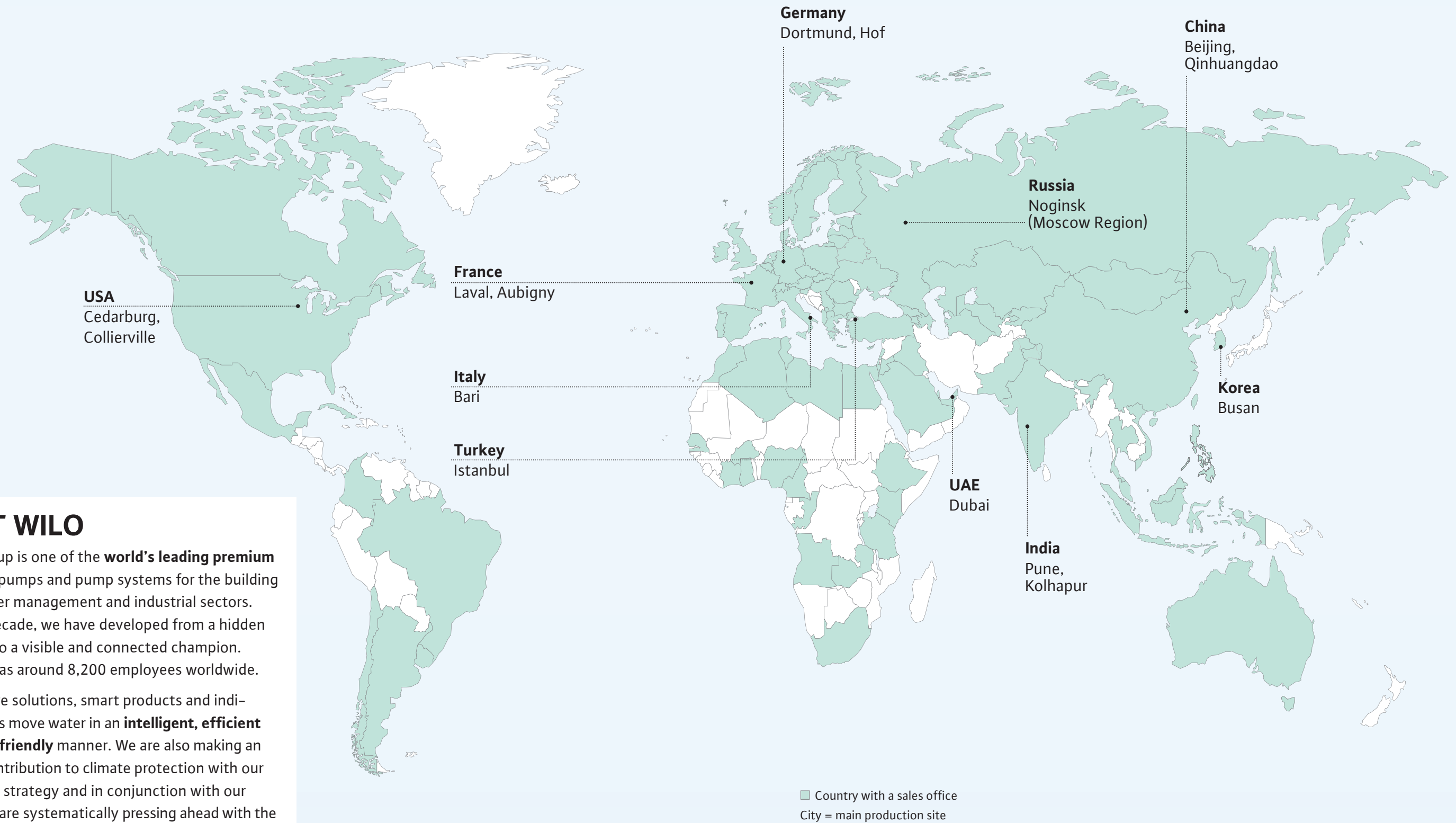
- Maximum operational reliability and reduced service costs
- Lower energy costs
- Corrosion protection provided by an optional Ceram coating
- Optional Digital Data Interface (DDI) with integrated vibration monitoring, data logger, web server and digital rating plate



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.

wilo

Pioneering for You

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