



WILO-FOUNDATION: ENGAGEMENT FOR WATER, THE ENVIRONMENT AND YOUNG TALENTS

WILO PROFILE



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 **8,000 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.

MARKET SEGMENTS



**BUILDING SERVICES
RESIDENTIAL**



**BUILDING SERVICES
COMMERCIAL**



OEM



**WATER
MANAGEMENT**



INDUSTRY

BOMBAS Y SISTEMAS

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BUILDING SERVICES



WATER MANAGEMENT



INDUSTRY



Megatrends – Future Potentials



**Our sustainability strategy.
We take responsibility.**

Water

We are facilitating better access to clean water for **100 million people.**

Energy & Emission

We are reducing CO₂ emissions by **50 million t.**

Material & Waste

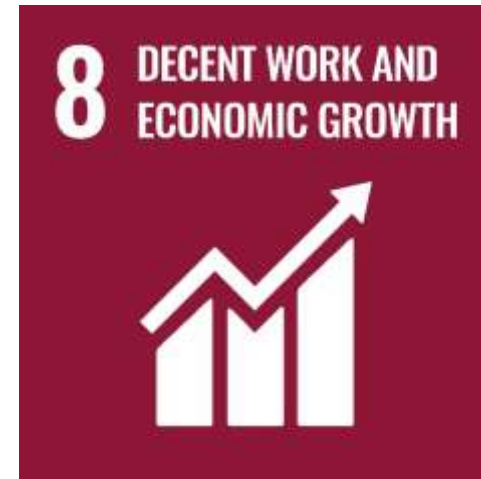
We are reducing the consumption of raw materials by **250 t.**

Employees & Society

We **act responsibly** towards employees and society.

CORPORATE POLITICAL RESPONSIBILITY

**Our contribution to the Sustainable Development Goals.
We signed the UN Global Compact in 2018.**



WILO-FOUNDATION PART OF THE COMMUNITY

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Wilo is engaged in a range of social projects in cooperative relationship with **the main shareholder of WILO SE**, the Wilo-Foundation. In addition to ensuring **continuity of the company**, the family foundation is committed since 2011 to the **common good** and provides financial support for projects in the funding areas of science, education and social welfare, culture and sport.

Under the motto **empowering young people**, it promotes promising young people. The Wilo-Foundation contributes to future-oriented topics like the **resource water, environment, climate protection, technology & digitality**. In the funding area of education & social welfare, the primary focus is on **entrepreneurship** and **STEM subjects**. Oliver Hermes has been the Chairman of the Foundation's Board of Trustees since 2019.



Wilo-Foundation – Part of the Community



Evi Hoch, Member of the Executive Board of the Wilo-Foundation

WILO SE is involved in a range of social projects together with its main shareholder, the Wilo-Foundation.

In addition to ensuring continuity within the company, the family-run foundation provides financial support for projects in the fields of science, education and social welfare, culture and sport, and is thus actively committed to the common good.



Global Nature Fund – a strong partnership for water & the environment

REASONS WHY WE CHOOSE THE GLOBAL NATURE FUND AS A LONG-TERM PARTNER

- ✓ long-lived competence and relevant expertise in terms of **environment / water**
- ✓ huge worldwide network to **reliable local partner organizations**
- ✓ often long-term relationships to their international local partner organizations
- ✓ willing to contribute as a guest speaker on our foundation's events (scholarship holders)
- ✓ strong experience in cooperation with public funds (German Federal Ministry of Economic Cooperation and Development (BMZ))
- ✓ other private sponsors with a good reputation
- ✓ contacts to relevant experts



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Fundación Humedales is one of the most competent and reliable local partners in our global Living Lakes Network.

Udo Gattenöhner,
Executive Director of the Global Nature Fund

Colombia: drinking water treatment in rural areas

2016; 2018–19: Global Nature Fund (GNF), Radolfzell

In Colombia, the Wilo-Foundation supported two projects in collaboration with its local partner Fundación Humedales. In 2016, a pilot project was implemented in San Miguel de Sema in Colombia, a municipality with long dry spells. Thanks to a simple but highly effective water purification method (ultrafiltration technology), some 30 households (approx. 250 inhabitants), an elementary school, a secondary school (approx. 200 pupils) and a church community now have safe drinking water.

In the period 2018–2019, with support from the Federal Ministry for Economic Cooperation and Development, the existing drinking water supply in rural communities of Bocas del Carare was rehabilitated and expanded, and new infrastructure was built in a district of Puerto Parra, improving the drinking water supply for more than 800 people.





Deutscher Akademischer Austauschdienst
German Academic Exchange Service



Chile: SPRING Alumni Winter School

2019: SPRING Alumna Chile of TU Dortmund University

In July 2019, a SPRING Alumni Winter School 2019 was held for the first time in the Chilean city of Valdivia. Together with the German Academic Exchange Service (DAAD), the Wilo-Foundation provided financial support for the initiative. The professional event, organised by members of the SPRING International Association for Development Planners Latin America Community, was entitled "Regional Development Planning and the Sustainable Development Goals (SDGs) of the 2030 Agenda at the local level in Latin America and the Caribbean (LAC)". SPRING, an acronym for "Spatial Planning for Regions in Growing Economies", is a two-year Master's programme at TU Dortmund University dealing with current issues of spatial planning in developing countries and emerging economies. In seminars, students discuss the challenges associated with rapid urban growth, reflect on the conflict between environmental protection and economic development, draft concepts for improving transport systems or define strategies for coping with the consequences of climate change.

Brazil: Water for Lives Programme

2021: Habitat for Humanity Deutschland e.V., Cologne

Worldwide, Habitat for Humanity helps to build decent houses and the required supply systems. Under the "Water for Lives" programme, which was launched in 2013, cisterns are built in socially disadvantaged communities to give families direct access to water. The works are carried out with the support of volunteers and companies; the local population is involved in the process. In the Brazilian region of Pernambuco, further cisterns are to be set up as part of the project. The initiative had to be postponed to 2021 as a result of the COVID-19 pandemic.



Ecuador: drinking water supply in El Cascajal

2020: Technik ohne Grenzen e.V., Höchststadt a. d. Aisch

With the support of the Wilo-Foundation and other sponsors, the Aachen regional group of the association Technik ohne Grenzen e.V. (Technology Without Borders, Germany) is implementing a project to enhance the drinking water supply in the village of El Cascajal, Ecuador. The regional group is made up of 20 university students who are active voluntary workers and, for the past two years, have been studying the precarious drinking water situation in Ecuador's coastal region, which was hit by an earthquake in April 2016. The students drafted concepts and made calculations for the construction of a basin to collect water from a freshwater well in the vicinity of the village. Clean water will be supplied by water pipes with an integrated water treatment system. A central water distribution system will give local residents easy access to fresh water. Following an extensive planning and development phase, the water supply system will be built in 2020/2021.



Key Facts

785 million

people globally lack access to a basic drinking water service*

Source: WHO & UNICEF Joint Monitoring Report - *Progress on drinking water, sanitation and hygiene: 2000-2017: Special focus on inequalities*

2,000

estimated number of children under age five who die daily from exposure to water-borne diseases

Source: WHO

10%

This represents almost 10% of the world population

ca. **2,000,000,000**

people use a contaminated drinking water source

Source: WHO

*Basic drinking water service: Having a protected drinking water source that takes less than thirty minutes to collect water from

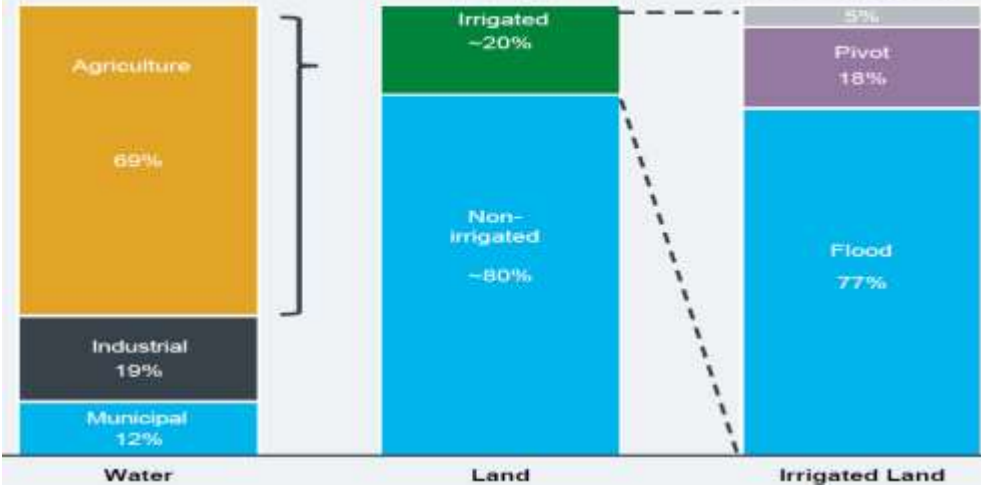
Irrigation Methods

1. Traditional flood irrigation



~70% of the world's water is used to irrigate only ~20% of the land

Irrigation is mostly inefficient



2. Modern pressurized irrigation

Sprinkler system



Fixed Sprinkler System



Travelling Sprinkler System (Pivot systems)

Drip irrigation (localized irrigation or Micro irrigation)



Thank you very
much!

Pioneering for You

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