OUR IMPACT

We create. We care. We connect. For you.

Wilo Levant Platform Company Profile 2024

wilo

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OUR IMPACT

We offer
sustainable solutions.

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We are
a responsible company.

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We live
strong partnerships.

WILO PROFILE

The Wilo Group is one of the **world's leading premium suppliers** 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 **over 9,000 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
We are a full-range supplier and customers' first choice.

BUILDING SERVICES COMMERCIAL
We are a market, innovation and smart solutions leader.

OEM
We are the preferred partner for smart integrated solutions.

WATER MANAGEMENT
We are a global market player and digital solutions provider.

INDUSTRY
We specialise in selected sectors and applications.

KEY FIGURES

		2024	2023	2022	2021	2020
Net sales	EUR million	1,895.3	1,974.8	1,885.7	1,651.9	1,451.5
Net sales growth	%	-2.3*/-4.0	4.7	14.2	13.8	-1.8
EBITDA	EUR million	189.1**	216.8	196.7	181.1	141.2
(as % of sales)	%	10.0	11.0	10.4	11.0	9.7
Cash flow from operating activities	EUR million	189.1	163.6	42.1	126.7	161.5
Capital expenditure***	EUR million	135.6	198.6	155.3	172.3	120.9
R&D costs****	EUR million	79.4	77.7	70.6	64.8	63.8
(as % of sales)	%	4.2	3.9	3.7	3.9	4.4
Equity	EUR million	975.1	962.6	930.9	836.8	764.9
Equity ratio	%	41.1	40.4	42.7	45.1	47.1
Employees (annual average)	Number	9,171	8,974	8,457	8,200	7,836

* Adjusted for exchange rate effects ** Adjusted for restructuring expenses *** Investments in intangible assets, property, plant and equipment and company acquisitions
**** Including capitalised development costs, excluding amortisation of capitalised development costs and restructuring expenses

NET SALES

EUR 1,895.3 million

The 2024 reporting year was characterised by economic and numerous geopolitical challenges. Adjusted for exchange rate effects, net sales declined slightly by 2.3 percent. This was mainly due to the significant decrease in OEM business. Measured in local currency, an increase was achieved in the non-OEM segment in 2024.

CASH FLOW

EUR 189.1 million

The consistently strong operating cash flow formed a solid basis for the high financial strength and flexibility of the Wilo Group. The cash flow from operating activities in the 2024 financial year exceeded the already high level of the previous year, reaching a new record of EUR 189.1 million.

SUSTAINABILITY HIGHLIGHTS 2024

Reducing emissions

Wilo had committed itself to reducing the scope 1 and scope 2 emissions by 50 percent relative to the base year of 2020 by 2030. We achieved this target in 2024.

Clean growth

Our products, systems and solutions in the field of water purification showed above-average growth of 16 percent in the year 2024 and thus contributed substantially to improving the quality of life.

Climate-neutral production

In 2024, Wilo not only achieved an absolute reduction of 51 percent in the scope 1 and scope 2 emissions, but also ensured that all European and Asian plants were climate-neutral.

Outstanding commitment

Wilo's involvement in the Global South, bringing together environmental protection and climate change mitigation with economic development, has been honoured with the SDG Innovation Award.

OUR IMPACT

We offer
sustainable solutions.

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Oliver Hermes,
President & Global CEO of the Wilo Group

EDITORIAL

THE SUSTAINED IMPACT OF ARTIFICIAL INTELLIGENCE

Ladies and gentlemen,

In 2024, our world again experienced a dynamic year in both geopolitical and geoeconomic terms. Once again, we have that old alliances are crumbling and trade barriers, sanctions and technology embargoes are further decoupling the global economy. The growth of new multinational collaborations and the establishment of new supply chains should no longer obscure a long unquestionable fact: the geoeconomic turnabout caused by this geopolitical upheaval has changed our world for the long term. The world has become more complex, more fragmented and more protectionist.

In this challenging market environment, the Wilo Group generated net sales of EUR 1,895.3 million, which corresponds to a slight decrease in net sales of 2.3 percent after adjustment for currency effects. Wilo generated adjusted EBITDA of EUR 189.1 million, with a corresponding EBITDA margin of 10.0 percent. At EUR 189.1 million, we were once again able to increase cash flow from operating activities compared to the high level of the previous year and to set a new record.

In addition, Wilo has laid the foundations for continued dynamic and profitable growth through decisive, forward-looking management decisions. Through the consistent further development and transfer of the proven region-for-region approach to the entire organisation, important organisational measures were initiated to continue the Wilo Group's sustained success.

Focus on people — the hyper-impact of sustainability

An equally important, groundbreaking decision in 2024 concerned nothing less than Wilo's overall strategic direction. Since last year, we have considered our Group-wide sustainability strategy to be an overarching approach. All other functional corporate strategies are subordinate to it — without exception.

Our sustainability strategy comprises three impact areas that determine the Wilo Group's work today and in the future: "Creating", "Caring" and "Connecting". This triad is nothing less than the pacemaker of our daily work — and thus of the multinational technology group Wilo as a whole.

Specifically, by "Creating", we mean the direct impact of our products, systems and solutions, for example on the supply of water and food, but also on the digital and AI era. "Caring" describes our responsible actions towards employees, the environment and society. This impact area includes goals such as reducing emissions in the production processes and creating a healthy working environment. Under "Connecting", we summarise Wilo's sustained impact through its involvement in strong international partnerships.

Our commitment to sustainability is therefore more focused than ever on the impact of our business activities. It's a big step. And yet it is an obvious change of perspective because sustainability is not an end in itself. In recent years, we have consistently evolved into a sustainability pioneer and therefore know what the ultimate purpose of any sustainability effort is: to put people at the centre. This is the hyper-impact of sustainability — the impact of the impacts.

In other words, our actions are only sustainable when they improve people's lives. This incorruptibly simple truth drives us, a group of over 9,000 employees, every day at around 90 production and sales companies in more than 50 countries. We improve people's quality of life worldwide. To achieve this end, we need to create, care and connect. It requires our tireless efforts in the impact areas of "Creating", "Caring" and "Connecting". And it requires the smart integration of artificial intelligence. This technological revolution, which is taking place as if in a time-lapse video, holds a key factor in achieving our goal.

"To achieve this end, we need to create, care and connect."

We at Wilo are convinced that the decisive factor is how we — as a company, but also society as a whole — understand AI. Dismissing it as a threat, rejecting it or even boycotting it is not an option. Only if we embrace AI, engage with it and see it as an opportunity can we exploit its true potential.

Our goal: Using AI to create, care, and connect

So what does artificial intelligence have to do with our goal of ultimate sustainability? Let's take the first impact area of our strategy, **"CREATING":**

In Wilo's high-tech factories, we have long relied on the possibilities of technology, for example in quality management. We use AI-assisted image analysis to check the strength of seals, for example. We know whether two-component materials cure properly after a few moments, not after eight hours. The same applies to the evaluation of the detailed 8D reports that we receive from suppliers for quality optimisation: AI helps with the time-consuming interpretation of the reports and thus increases efficiency. The AI also makes further suggestions for improvement on its own. The adaptive worker assistance system, for which Wilo's Smart Factory in Dortmund won the Microsoft Intelligent Manufacturing Award (MIMA) last year, also incorporates AI.

The added value of technology is also obvious in the development of our products, systems and solutions. Wilo is therefore continuously working on integrating AI even more closely into development processes. This approach has been successful. In 2024, we were recognised as an outstanding practical example of the successful use of artificial intelligence in product development as part of the international comparative study "AI-driven Product Development". The study, conducted by the Machine Tool Laboratory WZL at RWTH Aachen University and the Complexity Management Academy, examined over 150 companies. In addition to Wilo, Engel Austria, Miele, Phoenix Contact and Siemens Mobility also received awards.

"Wilo launched the Wilo-Stratos MAXO, a smart pump, back in 2019."

One example of our initiative: In a technology project, our engineers are currently working on ways AI can help determine the temperature in the motors of pumps and pump systems. However, artificial intelligence has an almost greater influence on development in the collection and interpretation of information from product operation. We recognised the value of this data many years ago: Wilo launched the Wilo-Stratos MAXO, a smart pump, back in 2019. Today, we are benefiting from this technological milestone in the development of future pump generations.

As a technology group that thinks in terms of impact areas, the application of our products, systems and solutions and the corresponding effect of this application are naturally the most relevant. Wilo technology is needed along the entire value chain of the digital economy. As an elementary component of critical infrastructure, our pumps and pump systems play a key role in AI applications of all kinds.

Our impact is already evident in the raw materials that are indispensable for the digital and AI era. Wilo pumps and pump systems are used all over the world in sustainable mining projects, for example in the dewatering of shafts, but also in peripheral processes. But we also play a leading role in equipping high-tech factories for the production of hardware and semiconductors. Numerous state-of-the-art production sites of well-known companies rely on Wilo technology, especially for the cooling of processes.

But the heart of artificial intelligence beats elsewhere: in data centres. Processing the large volumes of data requires equally large computing capacities. It's in data centres that AI becomes a reality. These buildings, which are being constructed at high speed all over the world, are home to gigantic servers. Cooling them requires a lot of water — and sustainable, highly efficient and reliable pumps and pump systems from Wilo to move the cooling water.

We have had the privilege of equipping data centres around the world with Wilo products, systems and solutions: the Alibaba Data Center in Zhangjiakou (China), the SK Broadband Data Center in Seoul (Korea), the Google Data Center in Hamina (Finland) and many more. Wilo creates the infrastructure required for the digital and AI era — and thus enables us to exploit the potential that these technologies bring. This is a key and increasingly important impact of Wilo.

Innovative pilot projects from the water industry, for example, show where this potential lies. AI-assisted control systems will make the water supply and distribution of tomorrow even more intelligent and thus counteract the worsening water shortage. Wilo is ready for this trend. Our smart products, systems and solutions are far more than just components of the intelligent water infrastructure of the future. They contribute data to AI-assisted intelligence.

The **“CARING”** impact area shows how we use the possibilities of AI to fulfil our responsibility towards employees, the environment and society.

We have been offering our employees the company’s own AI chatbot WiloGPT since 2023 — immediately after the hype surrounding OpenAI’s ChatGPT, which is considered a breakthrough in generative AI for all. The tool uses the same AI models as ChatGPT, and has a similar range of functions, but as part of the Wilo IT infrastructure it is compliant with data protection requirements.

Many Wilo employees are now also working with Microsoft Copilot’s AI assistance functions. And the next development is already on the horizon: In the SIMBA project, WiloGPT is combined with the Wilo DataHub, Wilo's central data platform, to allow the tool to learn Wilo-specific skills and support employees in their daily work with information specific to Wilo, regardless of position or location.

The past two years illustrate the speed at which the AI revolution is taking place. Our aim is not just to keep pace, but to lead the way — this applies to AI technology, but also to our global health management. The Health Cube is a perfect example of the “Caring” impact area. Employees worldwide and the entire Dortmund region will benefit from the innovative health centre at the Wilopark. The new building at the Wilopark will open on 1 April 2026. How can AI be integrated into the project? The project team is discussing this in the current detailed concept phase. But one thing is already certain: Artificial intelligence will also revolutionise the healthcare sector.

And what about the **“CONNECTING”** impact area? We are convinced that strong networks are needed to leverage the full potential of AI.

We can only discover the possibilities and limits of technology by exchanging ideas with partners from business, science and society. Organisations such as KI Park e.V. provide a suitable framework for this exchange. As a member of the European innovation ecosystem for AI, we are part of a strong network of companies, start-ups and research institutions that believe in the technology’s potential for prosperity and growth.

This was also the motto of last year’s meeting of top innovators in the Networking Cube at the Wilopark. At the “AI & Sustainability” workshop, Wilo experts and partners discussed trends and challenges in the areas of artificial intelligence and sustainability. Two extremely topical issues — and an exchange that needs to be continued.

AI at Wilo: sustainably successful, in 2025 and beyond

Our commitment to sustainability is geared towards concrete results — the impact of our actions. Artificial intelligence is more than a necessary precondition. This development holds considerable potential to become more efficient and sustainable if we put people at the centre of the AI revolution. Only then will it be truly sustainable.

Wilo will continue on its chosen path as a sustainable AI pioneer in 2025 and beyond. This is because AI fits in with our overall strategic direction — and will undoubtedly help the Wilo Group to continue on its profitable path of growth.

Yours,

Oliver Hermes
President & Global CEO of the Wilo Group

Georg Weber,
Global CTO of the Wilo Group

Oliver Hermes,
President & Global CEO of the Wilo Group

Dr. Patrick Niehr,
Global CFO of the Wilo Group

CREATING. CARING. CONNECTING.

Water is the most valuable resource on our planet. Just 2.5 percent of the world's water reserves are freshwater: and more than two thirds of this is bound up in the glaciers of Antarctica, where it cannot be used. But water is also a complex commodity. A quantity that is sufficient in a sparsely populated rural area can mean a dangerous shortage in an urban area. Water is the basis of our lives, and its availability is a global issue, but the regional and local challenges are very different. Wilo meets these challenges with pioneering water solutions and an overarching strategy that takes a holistic approach to the megatrend of water shortage with the three pillars of Creating, Caring and Connecting.

The water situation is dramatic. According to UNICEF, more than two billion people live in countries with inadequate water supplies. By 2030, around 700 million people could be forced to migrate due to extreme water shortages. Another ten years later, one in four children in the world will probably grow up in a region blighted by extreme water stress.

The past two years have been the hottest since records began. Global warming has now exceeded the maximum of 1.5 degrees set out in the Paris Climate Agreement, and is heading towards two degrees. There are numerous scenarios that show what could happen if temperatures continue to rise. However, it is already clear that extreme weather events are increasing to an alarming extent. Tropical cyclones, heatwaves, fires and heavy rainfall: the effects are drastic.

The United Nations World Water Development Report shows that water shortage is a global problem. There are two very different sides to the global water crisis. Major droughts and floods, record rainfall and low surface water levels are occuring simultaneously. These unpredictable extremes are making water management increasingly difficult in many places.

In addition to global warming, other man-made factors are having a decisive impact on the water balance. The use of freshwater reserves for agricultural, industrial and domestic purposes is a key factor here. Agriculture alone accounts for around 70 percent of global freshwater consumption, often using inefficient irrigation methods that put additional strain on water reserves. In addition, water reservoirs are contaminated by industrial wastewater, pesticides, fertilisers or improper waste disposal. According to the World Health Organisation (WHO), 80 percent of wastewater worldwide is not treated correctly before it is discharged into the environment.

Finally, the megatrend of urbanisation is also putting further pressure on the water supply because cities consume a huge amount of water and cause pollution. In poorer regions in particular, inefficient water transportation systems, legal problems and a lack of investment in water infrastructure mean that millions of people have little or no access to clean

CREATING

We improve people's quality of life – globally.

We create sustainable urban living spaces.

We increase energy security.

We improve the access to clean water.

We provide food security.

We develop solutions for the digital & AI age.

We decelerate climate change.

CARING

We reduce emissions.

We organise sustainable supply chains.

We promote a value-based corporate culture.

We live diversity.

We improve employee health.

We remain a first choice employer.

CONNECTING

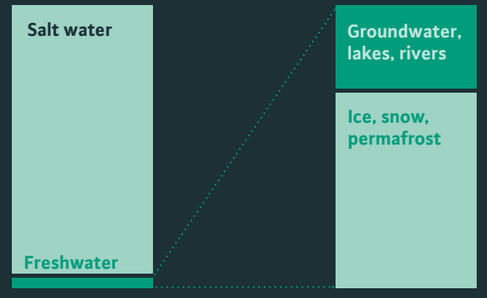
We empower people.

We strengthen our relationships.

We play an active part in shaping the sociopolitical environment.

We advocate cross-border cooperation.

Water resources worldwide



Only 2.5 percent of the world's water reserves are freshwater, of which just under a third is usable.

water and adequate sanitary facilities. This leads to the spread of diseases and in turn to even more poverty.

The correlation between water scarcity on the one hand and social and economic development on the other is complex and multi-layered. Tackling these problems requires a holistic approach that takes social, economic and environmental factors into account. Wilo has organised this approach into three impact areas: Creating, Caring and Connecting.

As part of its overarching sustainability strategy, the Wilo Group has defined ambitious goals to create sustainable technologies and solutions, assume responsibility and bolster strong partnerships worldwide.

Impact through innovation

Wilo creates impact through innovation, and has been doing so for more than 150 years. Wilo products, systems and solutions help to secure and improve critical infrastructure. Sustainable and digital solutions are particularly in demand in urban areas, which are growing rapidly due to the megatrend of urbanisation. Wilo technologies enable a reliable water supply in smart urban areas and therefore make a valuable contribution to a future worth living in.

Innovation and sustainability go hand in hand at Wilo. Wilo-SiFresh is an outstanding example. The cold water circulation system combines drinking water hygiene and sustainability by continuously monitoring water temperature during circulation and replacing

“Wilo creates impact through innovation, and has been doing so for more than 150 years.”

water automatically only when required. This prevents pathogens such as legionella from spreading, while also saving water and reducing costs.

The system is particularly suitable for large public or commercial buildings in which the cold water stagnates for lengthy periods, for example during conversions or extended shutdowns. Patients in hospitals or care homes, employees in office buildings, workers in factories, children in schools or sports facilities: Wilo-SiFresh protects people from illness with its effective water circulation. Through targeted water exchange instead of continuous discharge, Wilo-SiFresh contributes to the sustainable use of drinking water and helps operators to comply with legal hygiene standards efficiently.

But innovation at Wilo goes beyond product development. Examples of this are large-scale water projects that Wilo is equipping with state-of-the-art pump technology. For instance, in the Toshka project in Egypt, around one million hectares of desert are being opened up for agricultural use, thus improving the country’s water and food security. In Morocco, the Sebou project secures the supply to the metropolises of Rabat and Marrakesh. In India, the Narmada-Malwa-Gambhir Link project is stabilising water-dependent agriculture in the upper Chambal basin by balancing out the extreme fluctuations between monsoon rains and dry spells and using intelligent irrigation systems to supply water for 50,000 hectares of arable land. These are just three examples that show the importance of overarching projects in meeting the challenges of the future in view of the megatrend of water scarcity.

Most of the freshwater is bound up in glaciers

Impact with responsibility

Wilo takes responsibility: for its employees, the climate and the sustainable use of resources. Wilo is actively committed to climate protection and is systematically reducing emissions at its production sites, because innovative water solutions must not come at the price of increased CO_2 emissions. The opening of new, state-of-the-art primary production facilities in India and China, for example, shows how sustainable technology can be implemented worldwide.

Responsibility also means building bridges. For instance, European solidarity forms the foundation of the European Union, including in dealing with resources such as water. Access to clean water requires cross-border solutions. A European water strategy and a European Blue Deal would be important steps towards ensuring sustainable water supply and distribution.

Wilo is therefore involved in strong international (water) partnerships in Europe and around the world to increase its sustainable impact.

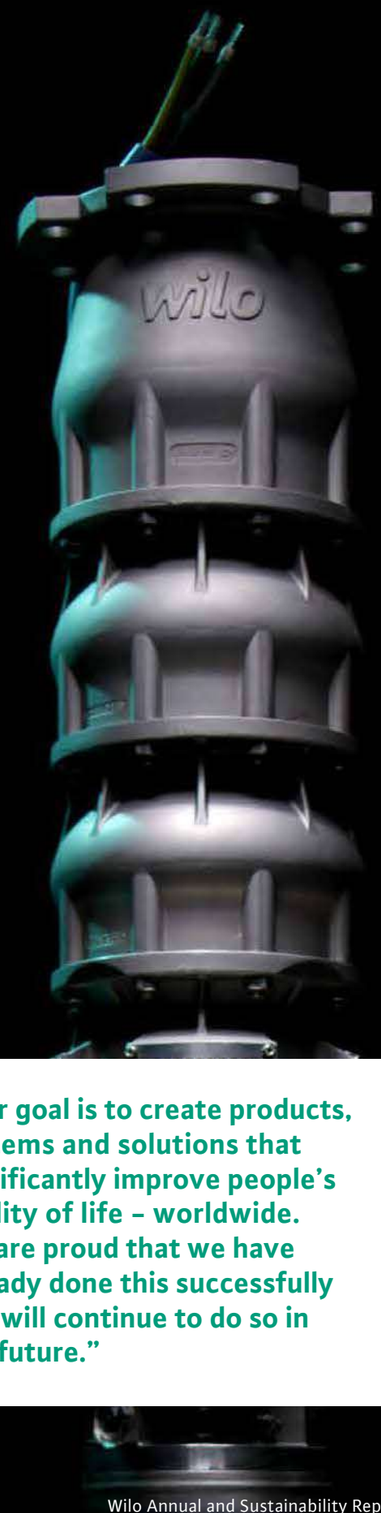
Impact for people

Wilo products, systems and solutions sustainably improve the quality of life of people all over the world. Clean water is a basic requirement for good health. Inadequate water and hygiene conditions are a serious problem in many regions of the world. Wilo meets this challenge with innovative solutions. Wilo’s products, systems and solutions have a direct impact on people’s health, as they provide them with clean water, and also because they are an integral part of public healthcare.

In addition, the technology helps to secure and improve critical infrastructure. Without Wilo’s products, systems and solutions, everyday life as we know it would not be possible. The company is driving digitalisation and sustainability with smart applications. After all, the most intelligent solutions are also the most sustainable. In this way, Wilo is helping to create liveable and sustainable spaces and structures for people and the environment.

WE OFFER SUSTAINABLE SOLUTIONS

Wilo technology moves water – highly efficiently, reliably and sustainably.
We are improving the quality of life of people everywhere in the world through our innovative system solutions and services.



WILO EUROPE: PETER GLAUNER
Regional Chief Executive Officer & Regional Chief Sales Officer

“Our goal is to create products, systems and solutions that significantly improve people’s quality of life – worldwide. We are proud that we have already done this successfully and will continue to do so in the future.”

GERMANY

POWER PLANT FOR CLEAN AIR

Martin Belz, senior expert for building greening at City Arc and project manager for the Kö-Bogen II façade greening project

WILO EUROPE

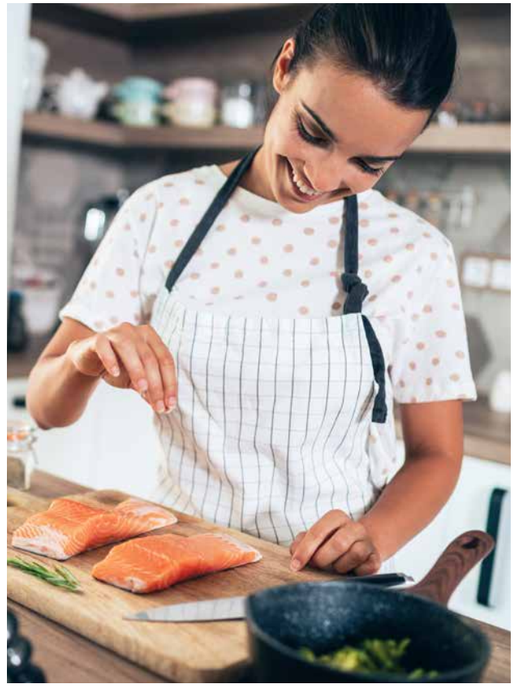
Kö-Bogen II shows how sustainable architecture can positively change urban spaces and make them more liveable. Its façade is planted with 30,000 hornbeams over a total length of eight kilometres. This makes it the largest green façade in Europe and a power plant for good air. It acts like a natural filter and absorbs pollutants, binds particulate matter and reduces the CO_2 content. At the same time, it lowers the ambient temperature. The positive effects are also apparent in the wider surroundings of the building. The plants act like a natural air conditioning system. They create a healthy urban climate in which people feel comfortable. Martin Belz, senior expert for building greening at City Arc and project manager for the Kö-Bogen II façade greening project, explains: "The greening of the building reduces the cooling energy required by up to 30 percent, while the ambient temperature is lowered by around three degrees thanks to the cooling capacity of the plants." Two highly efficient Wilo pressure-boosting systems are used to ensure that the green façade is optimally supplied with water.

WILO AMEA

CLEAN WATER FOR 1.7 MILLION PEOPLE

Umm Al Hayman in Kuwait is more than just a sewage treatment plant. It is changing and improving the living conditions of 1.7 million people. Every day, the plant cleans 500 million litres of sewage safely and efficiently. This protects health, preserves the environment and enables sustainable water usage. The treated sewage is used for agricultural irrigation and thus contributes to food security without using precious groundwater or expensively desalinated seawater. At the heart of the system are the high-efficiency pumps from the Wilo-Rexa NORM series, which were specially developed for Umm Al Hayman.

Clean water for the desert metropolis: Umm Al Hayman contributes to the sustainable use of water in Kuwait City



SUSTAINABLE FISH FARMING

Salmon is a nutritional superhero. It supplies millions of people worldwide with essential nutrients. It is of great economic importance to Chile, which is one of the largest exporters of the fish. The organic fish farm Los Chilcos plays an important role in this. It makes a key contribution to food security and the sustainable development of the maritime food industry. Los Chilcos relies on highly efficient and reliable Wilo pumps for its water supply.

WILO AMERICAS

WE ARE A RESPONSIBLE COMPANY

Integrity, fairness, respect, passion and responsibility are the irrefutable values by which Wilo works and lives.

WILO AMERICAS: JEFF PLASTER
Regional Chief Executive Officer

“We deal with the important issues of environment, employees and society. Our references reflect our responsible behaviour.”

BRAZIL

CLEAN DRINKING WATER FOR FAMILIES

Fresh drinking water: a blessing for the villagers

WILO AMERICAS

Every day, families in the north-east of Brazil fight for access to clean water. They often have to draw dirty water from clay pits. Edjane lives with her family in the affected region and explains: “Sometimes we have to walk several kilometres to get water.” To improve the situation, 17 cisterns were built in the village of Riacho das Almas with financial support from the Wilo Foundation. Four of the cisterns were built in 2022 with the active support of Wilo employees as part of the “Habitat for Humanity” voluntary programme “Water for Life”. Wilo employee Ingryd Diogo Pires, who was born in Brazil herself, played a key role: “The opportunity to help directly on site and support people who previously had no access to clean water was incredibly motivating for me. The whole project, the people here – it touched me deeply.”

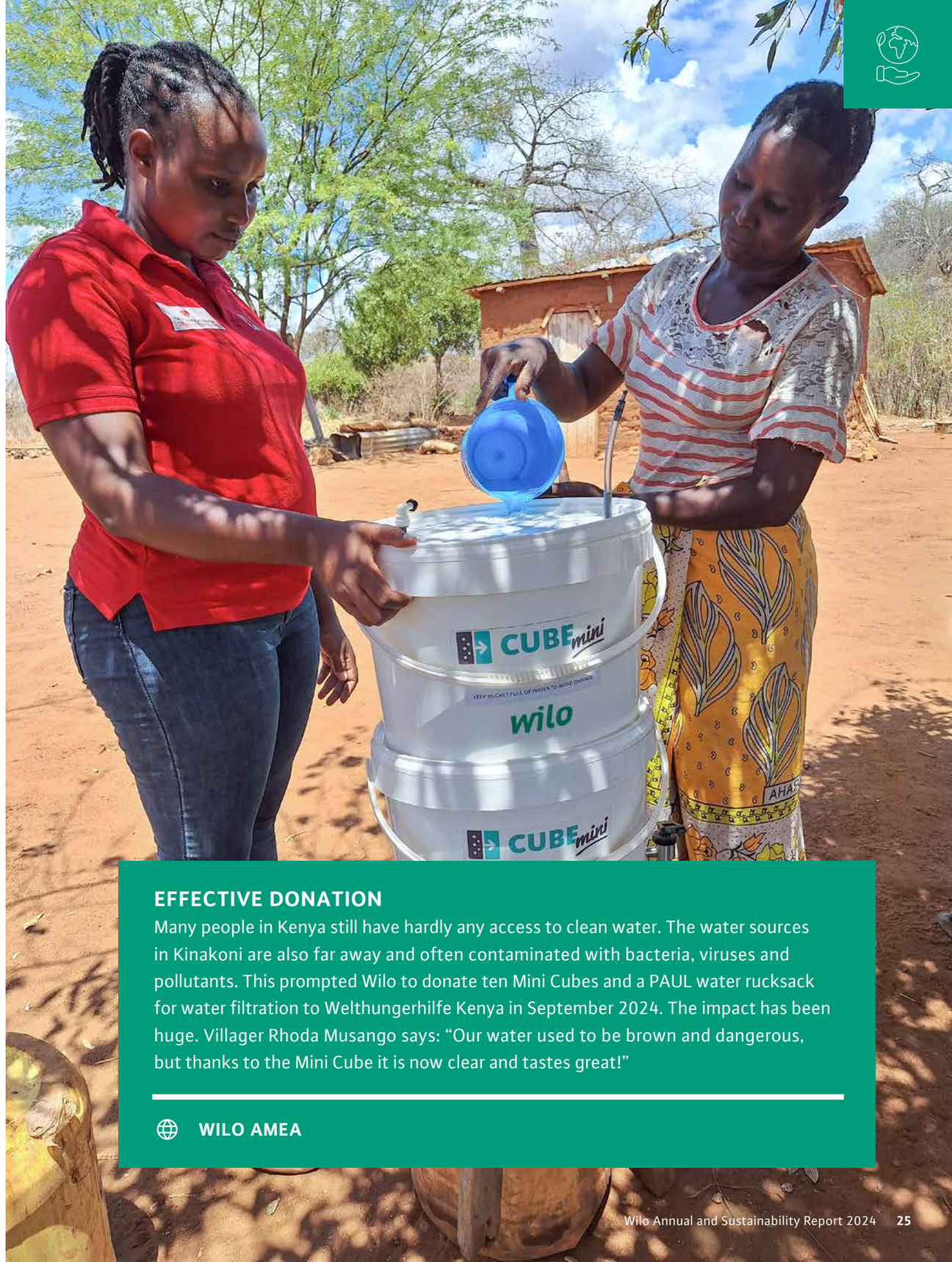
WILO EUROPE

RAINWATER FOR A COMFORTABLE CLIMATE

A pleasantly air-conditioned and healthy working environment, a sustainable water supply and maximum conservation of resources: these are three goals at the Wilopark in Dortmund. The efficient use of water as a resource is of great importance. The Wilopark is therefore not only a place of innovative technologies, but also a role model for sustainability and responsibility.

A smart system for surface drainage at the headquarters of Wilo Europe, which is also the headquarters of the Wilo Group, is used to collect, store and clean rainwater. The treated water is then used efficiently, including for sanitary facilities, for watering the green areas and, in future, for cooling the smart factory.

A place for innovative technologies and a role model for greater sustainability: the Wilopark in Dortmund



EFFECTIVE DONATION

Many people in Kenya still have hardly any access to clean water. The water sources in Kinakoni are also far away and often contaminated with bacteria, viruses and pollutants. This prompted Wilo to donate ten Mini Cubes and a PAUL water rucksack for water filtration to Welthungerhilfe Kenya in September 2024. The impact has been huge. Villager Rhoda Musango says: “Our water used to be brown and dangerous, but thanks to the Mini Cube it is now clear and tastes great!”

WILO AMEA

WE LIVE STRONG PARTNERSHIPS

The global challenges of our times can only be tackled by working together. We maintain a strong network of partners around the world and take responsibility for a more sustainable future.

WILO AMEA: JENS DALLEN-DÖRFER
Regional Chief Executive Officer

“We focus on team play and build on strong international partnerships. Our commitment across national borders shows that we empower people and encourage them in their actions.”

WILO AMEA

The combination of theory and practice in the degree programme is of great importance. Thanks to the partnership with Wilo, a laboratory with pumps and pump solutions in a fully digitalised environment has been set up at Heriot-Watt University in Dubai. This enables mechanical engineering students to train at the highest level. “Theoretical knowledge is important, but it doesn’t give us any idea of how pump systems work in real life. The Wilo lab gives us the opportunity to gain practical experience in handling pumps and to compare theoretical knowledge with real experiments,” says Noel Reney, a mechanical engineering student at Heriot-Watt University.

Heriot-Watt University in Dubai

UNITED ARAB EMIRATES

GREEN PRACTICE INSTEAD OF GREY THEORY

WILO EUROPE

FOCUS ON AI AND SUSTAINABILITY: TOP INNOVATORS EXCHANGE IDEAS

Networking at the highest level: Since 2023, leading minds in the industry have been coming together in interactive workshops to assess the opportunities and challenges in artificial intelligence and sustainability and to share experiences. The representatives of the international companies Goldbeck, Vaillant, Claas, Phoenix Contact, Vorwerk and Wilo are united by a common goal: to shape a sustainable and intelligent future. At the “AI & Sustainability” workshop in the Wilo Networking Cube in 2024, everything centred on “Connecting”, one of the three areas of action of Wilo’s overarching Group-wide sustainability strategy. The aim: to exchange ideas, learn from each other, develop solutions and remain competitive in the two areas of artificial intelligence and sustainability. A regular dialogue that provides valuable insights and reflects the power of working together for a better future.

Interactive dialogue between premium players on AI and sustainability

Wilo and the Milwaukee Bucks announce their partnership for more sustainability

WILO AMERICAS

WORKING TOGETHER FOR MORE SUSTAINABILITY

In September 2024, the Wilo Group became the first sustainability partner of the NBA basketball team Milwaukee Bucks in the USA. This is a partnership based on similar values and convictions as well as mutual support in promoting a more sustainable use of the valuable resource of water. Both parties have committed to working together on joint sustainability projects and initiatives. Like Wilo, the Milwaukee Bucks team attaches great importance to sustainability: their home, the Fiserv Forum, is one of the most sustainable sports venues in the USA, thanks in part to products, systems and solutions from Wilo. By sponsoring the Milwaukee Bucks, Wilo is once again showing its commitment to the American market.

GUEST ARTICLE

PARTNER FOR INNOVATIVE WATER SOLUTIONS

VON DEAN AMHAUS

DEAN AMHAUS
Since March 2010, Dean Amhaus has served as the president and CEO of The Water Council in Milwaukee, Wisconsin, USA. He has a wide range of expertise in government relations, branding, fundraising, economic development, and nonprofit management.

There is an old quote from American politics: “A billion here, a billion there, pretty soon it begins to add up to real money.” Unfortunately, today we tend to toss around such big numbers and gloss over their significance. The same seems to be true when we hear the United Nations’ statistic that more than 2 billion people live in countries experiencing high water stress. More than half of the global population could face water shortages by 2050. We can be numb to those large numbers, but frankly one is too many.

Climate change only exacerbates the issue. Most of the effects of climate change will be felt through water, whether drought, flooding, rising sea levels or unpredictable rain patterns. Water is also deeply tied to energy, as energy production often requires large amounts of water, and water and wastewater utilities require large amounts of energy.

Clearly, then, water is at the crux of sustainability impact. Yet alarmingly, it still doesn’t receive the attention it should. At The Water Council – a non-

“It doesn’t have to be wet to be water tech.”

profit based in Milwaukee, Wisconsin – we address challenges of water quality and quantity in a unique way by focusing on water technology innovation and water stewardship, connecting solutions providers and solutions seekers to solve global water challenges and preserve freshwater resources.

FRESHWATER TECHNOLOGY HUB

In some ways, Milwaukee might seem like an odd place for an organisation like us. The city sits on the shores of Lake Michigan – part of the mighty Great Lakes, home to just over 20% of the world’s surface freshwater reserves.

Yet we in Milwaukee understand the value of freshwater and the critical importance of protecting it. Historically, much of our economy, from brewing to tanneries to manufacturing, relied on abundant, clean freshwater. A water technology sector developed over more than a century to support that need, with large corporations such as A. O. Smith Corporation, Badger Meter, Kohler and more making their home in south-eastern Wisconsin. Wilo opened its U.S. headquarters in Cedarburg, a Milwaukee suburb, in 2022, joining a confluence of over 240 water technology businesses, as well as acclaimed utilities and universities – one of the largest water technology clusters in the world. The Water Council was founded in 2009 to harness the economic potential of Milwaukee’s water technology hub while addressing the vital task of conserving the world’s freshwater. We are a member-ship organisation, working to convene, connect and showcase water technology companies, universities, utilities and innovative water stewards worldwide.

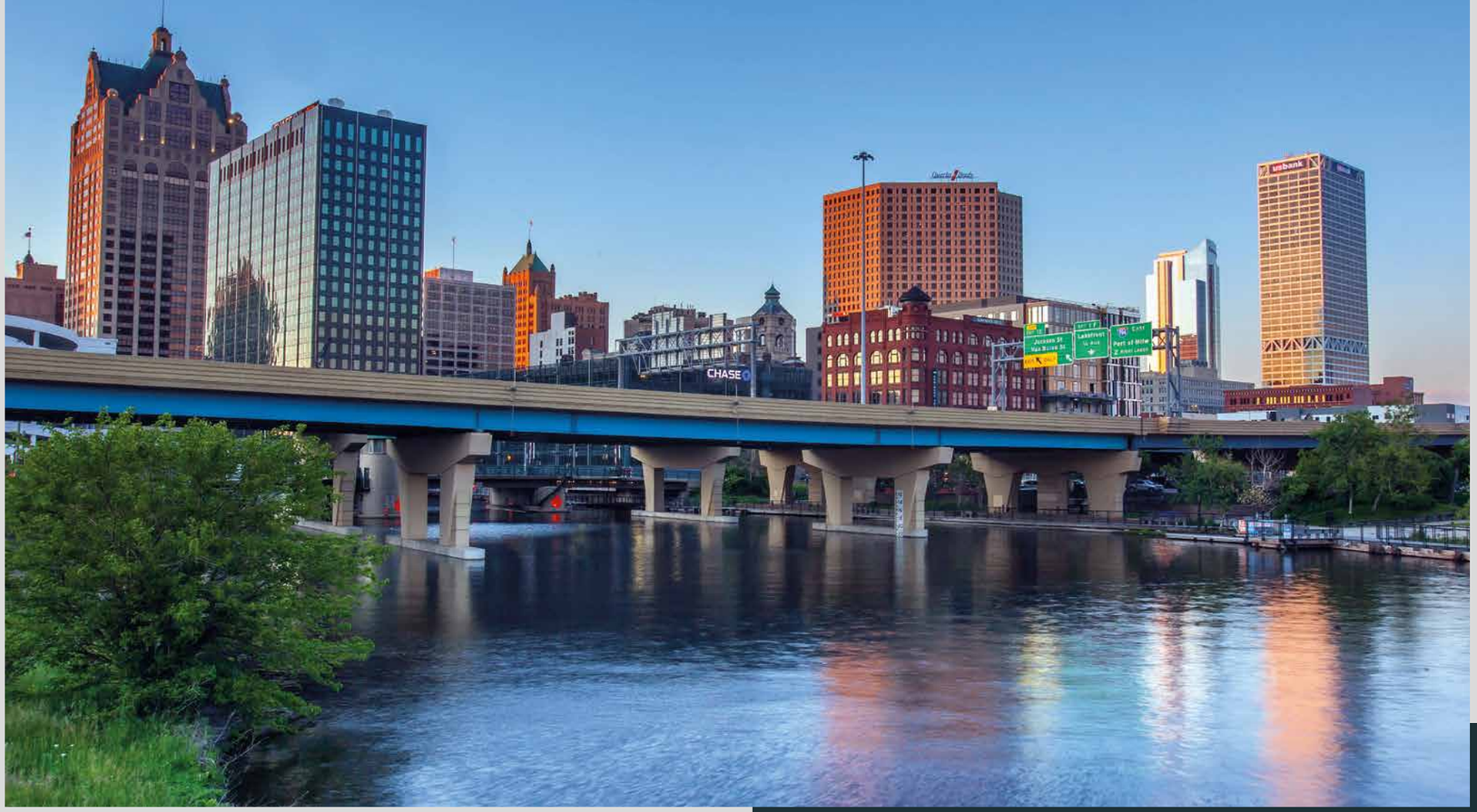
INNOVATING SOLUTIONS

Technology innovation is crucial to addressing persis-tent water problems. We work with global start-ups and established companies operating in digital solu-tions, artificial intelligence, and advanced materials and membranes as well as more traditional waste-water, drinking water, stormwater and industrial solutions. As we like to say, “it doesn’t have to be wet to be water tech.”

Several of our members are working on the removal and destruction of PFAS chemicals. Others are developing digital or AI-based systems to help wastewater and drinking water utilities better man-age their operations. From wastewater management to water reuse to improving energy efficiency for water utilities, our companies are involved in every aspect of the water cycle.

Innovation programs like our Tech Challenge and Pilot Program help connect large water corporations and water users to promising technologies from across the world. Our BREW 2.0 Post-Accelerator provides late-stage water tech start-ups with the training and connections they need to overcome the growth hurdle of commercialization and continue their scale into the market.

Water tech companies also need connections to innovative water users, particularly those looking to improve their water stewardship.



Milwaukee is one of the largest water technology clusters in the world

WILO IN THE WATER COUNCIL

Wilo has been a member of The Water Council since October 2024. This connection is based on a partnership with similar interests, values and perspectives as well as mutual support in promoting a more sustainable use of the valuable resource of water. Deepening the partnership, Svenja Ahlburg, Regional Chief Sales Officer of Wilo Americas, has been a member of the Board of Directors of The Water Council since January 2025.

Why did Wilo join The Water Council, and what is your role on the Board of Directors?
By joining TWC, Wilo is strengthening its leading role in the water technology sector and becoming part of a network that promotes sustainable water solutions. In my role as a board member, I help to raise awareness of acute challenges relating to water availability, quality and usage and to foster links between representatives from the public sector, industry and science.

How can companies and organisations be motivated to prioritise water in their sustainability strategies?
Both water shortages and flooding pose an existential threat. Sustainable and efficient water management is not only an ecological imperative, but also a commercial and strategic advantage. By using water responsibly, companies boost their competitiveness and value chain, and protect critical infrastructure.

What projects are planned with TWC and Wilo?
TWC has launched the BREW 2,0 Accelerator Programme (Business, Research and Entrepreneurship in Water) to assist young companies and innovators from the water technology sector in entering the market. Wilo USA is part of the programme as a jury member and accompanies start-ups from all over the world through the Accelerator process.

WATER STEWARDSHIP: AN OVERLOOKED SUSTAINABILITY FACTOR

Unfortunately, with water's relatively low cost and easy access, water stewardship remains a low priority for many companies. Clean, abundant water is just as important to business – and life – as clean air. Problems with water quantity and quality disrupt operations and supply chains, cripple profit margins and hurt brand value. But unlike the alternative energies now being developed and adopted, there is no alternative for water.

But addressing water risks is more complicated than reducing carbon emissions, and progress and impact are harder to measure. A ton of carbon mitigated in Milwaukee has the same benefit long term as a ton of carbon mitigated in Wilo's home of Dortmund, Germany. That's not the case with water; a gallon of water saved in water-abundant Milwaukee doesn't help water-scarce Phoenix. Yet even in Milwaukee, we face water challenges such as stormwater management and legacy industrial contamination. Water impacts are relevant to the local watershed(s) in which a company operates.

That's why a critical first step in corporate water stewardship is assessing water use, risks and opportunities across a company's enterprise.

At The Water Council, we were at the forefront in recognising that companies need assistance getting started on the water aspect of their stewardship journey. That's why we created WAVE: Water Stewardship Verified. WAVE accelerates water stewardship action within organisations of all sizes using a five-step approach:

- Understand water uses and impacts across the enterprise
- Assess watershed risk
- Prioritize sites and actions to mitigate water-related risk
- Approve a water stewardship policy
- Communicate an action plan, goals and timeline

Organisations from across the industrial spectrum, and even universities, have found value in WAVE.

CONVENE, CONNECT, SHOWCASE

Water is a shared resource for businesses and citizens, so WAVE encourages companies to take a collaborative approach within their watersheds to address shared challenges. We also offer consultation to our WAVE companies to help them meet their water technology needs, connecting the stewardship side of our work with the innovation side. One example that occurred outside of our WAVE program involves our members Primo Brands (previously BlueTriton Brands) and WellIntel, a member company that uses acoustic technology to continuously measure and report on groundwater supply. Primo uses WellIntel technology at four locations to monitor groundwater levels and flow at the springs from which Primo sources its products.

Making those connections is what The Water Council does best, whether it's connecting a wastewater utility to an exciting new treatment technology, helping an overseas member find a U.S.-based partner, or connecting a corporate water user to the technology it needs to become a better water steward. These collaborations are crucial to solving growing water challenges, which is why we will continue to "convene, connect and showcase" our members. Our connection to Wilo reflects a close partnership with similar interests, values and perspectives. Our work drives economic development and promotes solutions to address pressing challenges involving water quality and quantity. Wilo's products and solutions complement The Water Council's objectives.

Let's all do our part to make sure we no longer casually talk about the alarming fact that billions of people can't access this world's most precious resource – water. The Water Council looks forward to continuing to work with Wilo toward that goal.

HIGHLIGHTS 2024

Wilo sets standards with sustainable innovations

JANUARY: The Wilo Group has been recognised as a successful practical example as part of the Managing Sustainable Innovations international comparative study, in which the Laboratory of Machine Tools and Production Engineering (WZL) of RWTH Aachen University and the Complexity Management Academy analysed the sustainable innovation management of more than 140 companies.

Wilo wins MIMA Award 2024

MARCH: A jury of leading experts from business and science has honoured the Wilo Group with the prestigious Microsoft Intelligent Manufacturing Award (MIMA) 2024 in the “Add Value!” category for adaptive worker assistance. It will be used in the smart factory at the Wilopark in Dortmund. The prize is awarded by Microsoft Germany and the management consultancy Roland Berger.

Wilo Group strategy summit for North and Latin America

MARCH: In March, the Executive Board and Supervisory Board of the Wilo Group and representatives of Wilo’s American subsidiaries met for a strategy summit in the USA. Under the direction of Oliver Hermes, President & Global CEO of the Wilo Group, the participants discussed developments in the American markets and the direction of Wilo’s American business at the regional Wilo headquarters in Cedarburg, Wisconsin.

Ambitious climate targets of the Wilo Group confirmed by SBTi

APRIL: The Wilo Group submitted targets for reducing its own CO_2 emissions to the Science Based Targets initiative (SBTi) in 2023 – in April, the short- and long-term emission reduction targets were confirmed by the initiative. In addition, Wilo’s target of net zero by 2050 has been verified. Consequently, Wilo’s commitment to sustainability officially contributes to achieving the 1.5 degree target agreed in the Paris Climate Agreement. To date, around 5,100 companies worldwide have been audited by the SBTi.

Wilo at the World Future Energy Summit in Abu Dhabi

APRIL: The World Future Energy Summit 2024 took place in Abu Dhabi, where innovative ideas and pioneering findings were presented and discussed. During the World Future Energy Summit and the Abu Dhabi Sustainability Week, Wilo addressed a number of key challenges in the Building Technology, Water Management and Industry market segments.

IFAT 2024: Wilo presents sustainable solutions and innovations

MAY: Wilo looks back on successful IFAT trade fairs in Munich and India. The technology group impressively demonstrated its sustainable and future-proof water and wastewater solutions. Large numbers of visitors saw the latest innovations for a greener future first-hand.

CEO Oliver Hermes in conversation with Hendrik Wüst, Minister-President of North Rhine-Westphalia

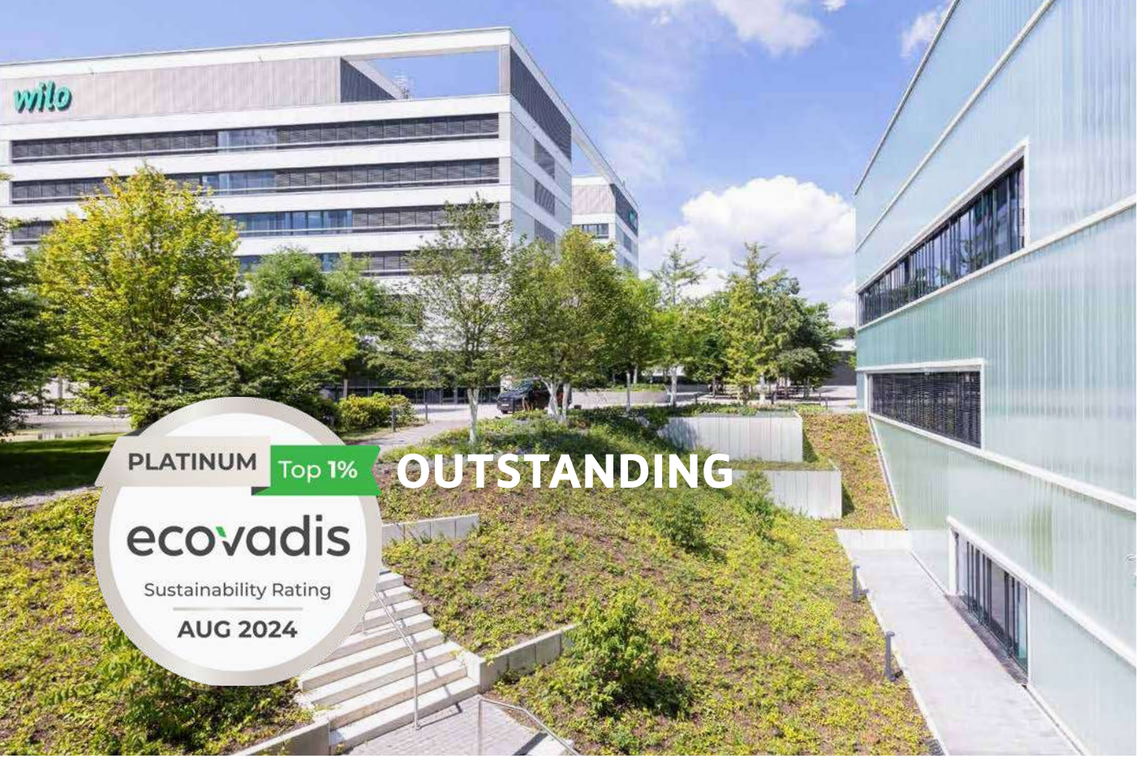
JUNE: The Minister-President of North Rhine-Westphalia, Hendrik Wüst, was a guest at the Wilopark in Dortmund. In a conversation with Oliver Hermes, President & Global CEO of the Wilo Group, Wüst learned about Wilo's sustainability strategy, intelligent and digitalised production processes and the H_2POWERPLANT hydrogen solution.

Europe's Climate Leader 2024: Award for Wilo

JULY: The Wilo Group was recognised as a European leader in climate protection. For this designation, the Financial Times and Statista assessed hundreds of European companies based on their progress in reducing their CO_2 emissions.

Networking Cube: Centre for dialogue and networking

SEPTEMBER: Wilo officially opened the Networking Cube in Dortmund with a big celebration. Since then, the technology group has regularly welcomed guests from the worlds of business, politics, society, science and finance to the new, innovative market partner meeting centre, which covers around 5,000 square metres at the Wilopark. "The Networking Cube is an example of the Connecting impact area of our overarching, Group-wide sustainability strategy," says Oliver Hermes, President & Global CEO of the Wilo Group.



“Outstanding” rating for Wilo

SEPTEMBER: The Wilo Group's commitment to sustainability has once again been given a platinum rating by EcoVadis. This is the third time in a row that the rating agency has placed Wilo in its highest category. In addition, Wilo actually achieved the rating level "Outstanding". Less than one percent of the more than 130,000 companies assessed by EcoVadis achieve such an excellent result.

Sustainable together

SEPTEMBER: The Wilo Group is a sustainability partner of the Milwaukee Bucks. The sponsorship of the US NBA basketball team is a clear commitment by the Wilo Group to Wisconsin and the US market. In future, the partners will work together on joint sustainability projects and initiatives.

Water summit at the Wilopark

OCTOBER: The circular economy initiative Circular Valley brought together renowned experts from business and politics for a water summit at the Wilopark. With the Networking Cube market partner meeting centre, the Wilo Group as host provided the perfect environment for dialogue between water and sustainability experts.

Factory of the Year 2024

OCTOBER: The Wilo Smart Factory at the Group headquarters in Dortmund has been named Factory of the Year 2024, winning the most prestigious production competition in the German-speaking world. The ultra-modern plant at the Wilopark sets standards in industrial production and is regarded as a state-of-the-art factory.

Top management meeting of the Wilo Group

NOVEMBER: At the International Meeting of General Managers (IMGM), the Wilo Group welcomed its international managers to the company's headquarters in Dortmund for the 29th time. This year's management conference, which was held in the Networking Cube at the Wilopark, focussed on the overarching, Group-wide sustainability strategy and the expansion of Wilo's successful region-for-region strategy.

Wilo Group receives SDG Innovation Award

NOVEMBER: The SDG Innovation Award was presented for the third time by the Senate of the German Economy in cooperation with the United Nations Industrial Development Organisation (UNIDO). The Wilo Group was honoured at the award ceremony in Munich for its outstanding commitment to the Global South.

Wilo as a guest at the “World without Hunger” conference

NOVEMBER: At the "World without Hunger" conference in Addis Ababa, leading politicians from all over the world met to discuss one of the most pressing problems of our time: hunger. Wilo's participation emphasised its role in the advancement of innovative pump technologies, which are essential to food security and agricultural development in Africa and worldwide.

Wilo Korea wins the National Quality Management Award

NOVEMBER: Wilo Korea was named as a "Quality Competitiveness Excellent Enterprise" at the 50th National Quality Management Awards, which were presented on 20 November 2024 in Seoul, Korea. This is the first time a pump manufacturer has received the coveted prize.

Lee Tebbatt appointed President of the BPMA

NOVEMBER: Lee Tebbatt, Managing Director of Wilo UK, has been appointed President of the British Pump Manufacturers' Association (BPMA). Founded in 1941, the BPMA acts as the voice of the pump industry in the UK and is a not-for-profit trade association representing the interests of UK and Irish suppliers of pumps for liquids and pumping equipment.

Ecolution Award: Wilo honours pioneering projects

DECEMBER: The Wilo Group presented the Ecolution Award for the first time. The award recognises efficient, reliable, environmentally friendly and therefore pioneering projects in the water industry. Four outstanding projects from Switzerland, China, India and the UK were honoured at the exclusive award ceremony at the Wilopark.

THE 2024 FINANCIAL YEAR AT A GLANCE

NET SALES

EUR 1,895.3 million

The reporting year 2024 was characterised by economic and numerous geopolitical challenges. Adjusted for currency effects, a slight decline in net sales was recorded at 2.3%. This was mainly due to the significant decline in OEM business, while slight growth was achieved in local currency in the non-OEM segment in 2024. The depreciation of many of the Wilo Group's key currencies had an additional negative impact on net sales reported in Group currency. Taking into account the negative currency effects, consolidated net sales totalled EUR 1,895.3 million, which is 4.0% below the previous year's figure.

CASH FLOW

EUR 189.1 million

A consistently strong operating cash flow forms a solid basis for the high financial strength and flexibility of the Wilo Group. At EUR 189.1 million, cash flow from operating activities was further increased compared to the high level of the previous year. Group-wide intensified working capital management contributed significantly to this success. Free cash flow also improved significantly to EUR 36.1 million.

ADJUSTED EBITDA

EUR 189.1 million

Wilo achieved an adjusted EBITDA of EUR 189.1 million, with an adjusted EBITDA margin of 10.0%. In addition to the partly challenging market conditions in 2024, the Wilo Group's profitability was significantly impacted by non-recurring effects. Taking into account the expenses for the restructuring measures already implemented, initiated and planned, reported EBITDA totalled EUR 152.5 million. The corresponding EBITDA margin reached 8.0%.

RESEARCH AND DEVELOPMENT

EUR 79.4 million

Wilo has traditionally attached great importance to research and development. As an innovation and technology leader, Wilo aspires to set standards beyond the pump industry. Accordingly, expenditure on research and development also remained at a high level in 2024. It totalled EUR 79.4 million or 4.2% of net sales.

INVESTMENTS

EUR 135.6 million

The Wilo Group made moderate, strategically important investments to secure the future in 2024, despite a macroeconomic environment characterised by a high degree of uncertainty. EUR 135.6 million were invested, among other things, in the construction, expansion and modernisation of sales and production locations as well as company acquisitions. The opening of the Networking Cube, a centre for regular exchange with national and international market partners as well as for events and seminars, was celebrated in Dortmund in September 2024. In Dubai, capacities were adjusted to the dynamic growth of demand in the region. This location serves as a regional platform for the countries in the Middle East and North Africa.

SUSTAINABILITY

The Wilo Group's commitment to sustainability was honoured with the “Platinum” award for the third time in a row. In addition, Wilo achieved the “Outstanding” rating this year. This is the highest rating from EcoVadis, one of the world's most renowned providers of sustainability ratings for companies. This puts Wilo among the top 1% of the companies assessed annually by EcoVadis.

REALIGNMENT OF THE ORGANISATIONAL STRUCTURE

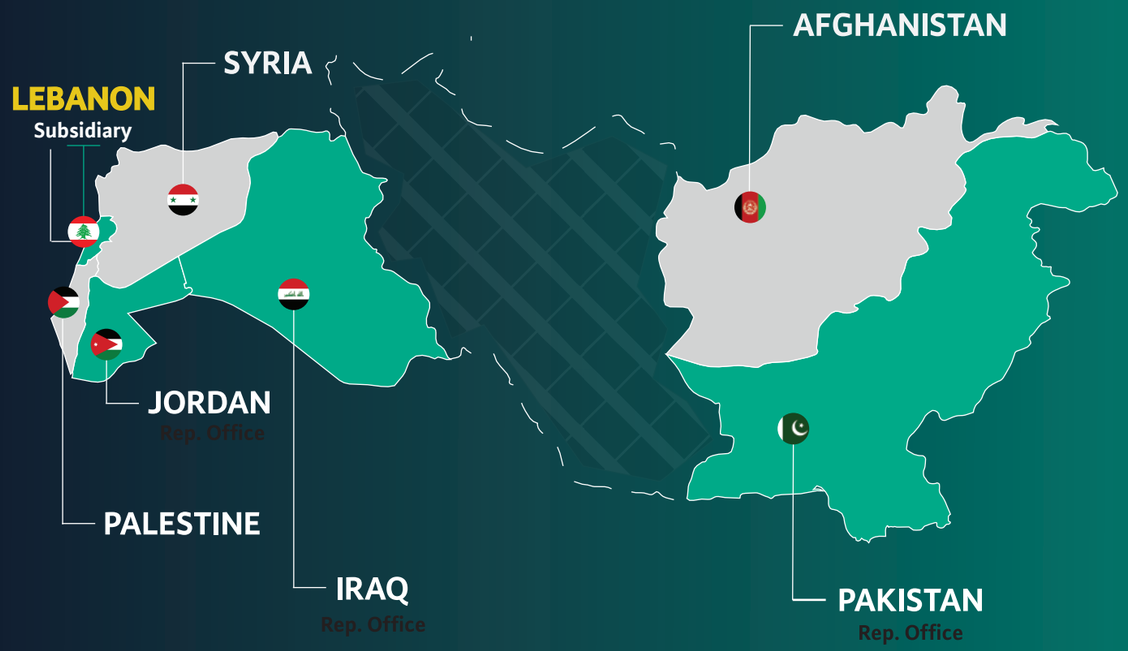
With the comprehensive reorganisation as part of the WiGrow project, Wilo has set an important course to strengthen the Group's future viability and secure its accelerated profitable growth in the long term. With this strategic transformation, Wilo is responding to the geoeconomic turning point while simultaneously increasing the efficiency as well as the market and customer orientation of the entire company.

EMPLOYEES

9,171

The high level of commitment and versatile skills of all Wilo Group employees are the basis and driving force behind the company's economic success. Wilo employed an annual average of 9.171 people.

THE WILO LEVANT PLATFORM



AT A GLANCE

The Wilo Subsidiary in **Lebanon** was founded in **1996** as **Near East Platform** for neighboring countries: Syria, Jordan and Palestine, to facilitate sales and logistics issues in the region.

Close proximity to our customers and partners is a necessary target. The expansion of Wilo capacities and service quality levels in the Middle East, led to the foundation of Representative Offices in the region.

To better serve our customers locally and supply them with the best custom-tailored solutions and products, the **Wilo Levant Platform** was founded in **2019**, with **Lebanon** as a **strategic point to manage the operations** supporting all business functions in Lebanon, **Jordan, Iraq** and **Pakistan.**

Together and in conjunction with our local partners, we are making an important contribution to climate protection with our sustainability strategy and innovative solutions tailored to our customers' needs.

SETTING COURSE FOR THE **FUTURE** – WILO PRESENCE IN LEBANON

Founded in 1872, The Wilo Group has been established as a leading player in the local pump industry for more than 150 years.
Over the past year, Wilo has demonstrated remarkable growth and resilience across the Levant region, with Lebanon serving as a key hub of our success and the foundation of our operations.

The presence of Wilo Subsidiary in Lebanon plays a pivotal role extending beyond the borders of the country, serving as the foundation of our operations and providing essential support to our representative offices in Jordan, Iraq, and Pakistan.

Wilo's journey in the Levant, particularly in Lebanon, stands as a testament to resilience, innovation, and a deep commitment to the communities we serve. Despite the region's challenges, Wilo has recognized the vast potential for growth and positive impact, aligning with Germany's ongoing support of development projects, particularly in the water sector. Our success is built on a profound understanding of the region's needs and an ability to adapt to its unique complexities.

Ayman Nassar
Managing Director
Wilo Levant Platform

Over the years, we have leveraged advanced technologies and local expertise to ensure sustainable, long-term outcomes. This approach, combined with deep local partnerships, has enabled us to deliver meaningful, tailored solutions for the entire water cycle across the Levant region. Our collaboration with local businesses, communities, and governments has been vital to navigating the region's landscape and fostering innovation.

Lebanon serves as the heart of Wilo's operations in the Levant region, with a rich talent pool that drives initiatives not only in Lebanon but also across Jordan, Iraq, and Pakistan. Our local recruitment across functions such as marketing, HR, sales, and service has enabled us to build a team with the expertise and passion to lead the region's transformation.

Our 800-square-meter office in Beirut, Lebanon, features a comprehensive pump test bench, a fully digitalized showroom, and a training academy, all designed to drive seamless and synergetic operations. The Wilo Levant Academy, in particular, has solidified our leadership, offering specialized training to dealers, engineers, and consumers, and extending our expertise to neighboring markets.

Looking ahead, Wilo remains focused on leveraging Lebanon's strategic position to drive growth and innovation across the region. We are committed to advancing energy-efficient, environmentally friendly solutions that contribute to local sustainability goals. At the heart of our mission is a dedication to corporate social responsibility, supporting local development, educational programs, and initiatives that align with our values of sustainable development.

Wilo's presence in Lebanon and the Levant region is not just a business success story—it is a testament to what can be achieved when vision, innovation, and community engagement converge.

HIGHLIGHTS 2023 –2024

LEBANON

Partnering for the Lebanese Technicians of the Future – A Vocational Training Benefiting 32 Students, in collaboration with IECD

Wilo Levant Platform launched its collaboration with IECD by delivering specialized training on pumping knowledge and technologies to 32 vocational students from the maintenance field. This initiative aims to support skills development, enhance employability, and empower Lebanon's future technicians through practical education and strong private sector engagement.

"No Bees, No SDGs."

On World Bee Day 2023, Wilo Levant Platform adopted a beehive in Lebanon, as a contribution to supporting the sustainable development of beekeeping.
Along with other pollinators, bees are the pillars of our ecosystem, and our very own existence depends on them. Today, more than 40% of bee species are facing threats such as habitat loss, climate change, and pesticide use, and it is with responsibility that we can change this fact by actively protecting nature.

IFAT 2024: Connecting with the Group – Wilo Booth Tour in Munich, Germany

Wilo proudly joined IFAT 2024 in Munich, alongside esteemed customer from around the world, immersing ourselves in cutting-edge solutions and technology.
From Munich to Hof, 4 customers from Lebanon also had the privilege of touring
Wilo factory in Hof, where precision meets innovation in the water management field.
From insightful dialogues to hands-on experiences, every moment emphasized our commitment to excellence and sustainability.

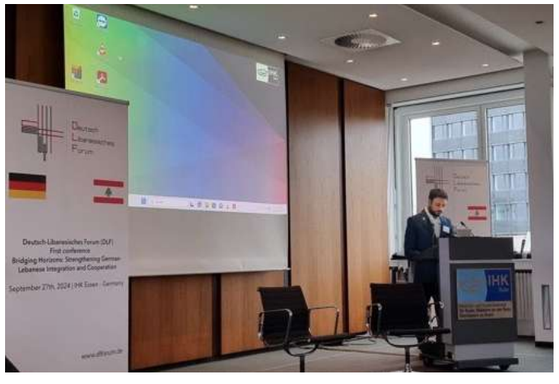
Hof 2024

German Lebanese Forum on Cooperation and Development – German Delegation Visit to Wilo Office in Beirut, Lebanon

As part of the German-Lebanese Forum, led by Konrad-Adenauer-Stiftung (KAS in Lebanon), Wilo welcomed a German delegation led by Bundestag member Paul Ziemiak to its Beirut office. The discussions provided insights about the challenges and opportunities German companies are encountering in the region, and centered on identifying common interests and potential areas of German Lebanese collaboration to strengthen the cooperation.

Wilo Participates in Deutsch-Libanesische Forum at the Essen Chamber of Industry and Commerce in Germany

Wilo took part in the Deutsch-Libanesische Forum, hosted at the Essen Chamber of Industry and Commerce. The event gathered industry leaders, and development actors in the in the presence of Jürgen Hardt, Member of the Bundestag. Discussions centered on economic development, infrastructure, and investment, highlighting the importance of fostering sustainable regional partnerships.



CASE STUDY

BLF DISASTER CENTER
LEBANON

With a Tier 3 Certification, BLF Disaster Center was able to reflect the rethinking around a contemporary disaster center, merging the duality of a brutal exterior and an inviting interior essence of 4 underground levels, a data processing center and 4 stories above grade, devoted to management offices and open spaces that would be used only in case of a disaster.

The first emergency data processing bunker in Lebanon.

Supplying resilience with smart water solutions.

The BLF Disaster Center, located in Ghazir, Lebanon, is a pioneering facility designed to ensure operational continuity and data protection in the most demanding conditions. With a Tier 3 Certification, the center meets internationally recognized standards for uptime, fault tolerance, and system redundancy—making it one of the most advanced disaster response centers in the region.

Architecturally, the center reflects a contemporary duality: a robust, fortified exterior that safeguards against external threats, paired with a welcoming and functional interior.

Wilo was selected to deliver the complete water pump systems required for the center's Hydronic and Plumbing Systems. In close collaboration with project consultants, we engineered solutions tailored to the facility's mission-critical nature and high technical standards, sourcing equipment from Wilo in Germany, Italy, and the U.S.A., ensuring optimal performance, durability, and compliance with global benchmarks.

Facts

Country: Lebanon

City: Ghazir

Segment: Building Services, Commercial

Applications: HVAC, Water Distribution and Boosting, Drainage and Sewage Transport

Products: Hydraunic Pumps, Booster Sets, Submersible Pumps.

CASE STUDY

KHENCHARA WWTP
LEBANON

Khenchara Wastewater Treatment Plants is one of Wilo's completed wastewater treatment plants in Lebanon, and it was fully provided with Wilo's optimized solutions for the biological treatment system consisting of submersible pumps, submersible mixers, and aeration systems. The Wilo Levant Team provided the selections and optimization plans that were put into action for the efficient functioning of the equipment awarded to this project.

Meeting the increasing national water demand and treating it.

Located in the Mount Lebanon area, Khenchara Wastewater treatment plant was designed to improve sanitation services for surrounding communities by treating domestic and industrial wastewater to environmentally safe levels. For this project, Wilo provided a fully integrated solution for the plant's biological treatment system, covering the complete cycle from raw water handling to aeration and internal process optimization, by providing equipment selection, design consultation, and system optimization plans.
The scope included:

- Submersible wastewater pumps for consistent flow and transfer
- Submersible mixers to ensure proper biological processing within tanks
- High-efficiency aeration systems to support the microbial treatment process

Facts

Country: Lebanon

City: Khenchara

Segment: Water Management

Applications: Wastewater Treatment

Products: Submersible pumps, Submersible mixers, Aeration systems, Wilo-FA, Diffusers

CASE STUDY

SERUM & SOLUTIONS
LEBANON

One of the Levant region's largest serum factories, located in Sariine, Lebanon, Serum & Solutions is an eco-friendly, green pharmaceutical plant, dedicated to producing a wide range of intravenous solutions that meet both US and European pharmacopoeia standards. Wilo Levant delivered the complete raw water solution, including pump installation, piping, and smart control systems.

WATCH A VIDEO SHOWCASING THE INSTALLATION ON SITE ON INSTAGRAM

Serum & Solutions, one of the biggest Serum factories in the region.

A full raw water intake solution.

An eco-friendly green plant located in the central of Bekaa valley, producing varieties of intravenous solutions, meeting the US and European pharmacopoeia.

The Wilo Levant Team supported in the project's design and execution, supply and installation of:

- **500 meters of rotary chrome pipes**
- **700 meters of power and control cabling**
- **2 Wilo-Actun Zetos K8 pumps:** At the core of the water system are two high-performance submersible borehole pumps from the Wilo-Actun Zetos series. Each pump delivers an impressive **35 cubic meters per hour at a depth of 300 meters**, ensuring a reliable supply of clean water under demanding conditions.
- **Wilo SC-L Smart Control Panel:** An intelligent control system that offers real-time monitoring, remote diagnostics, and automated performance optimization.

Facts

Country: Lebanon
City: Beqaa
Segment: Water Management
Applications: Raw Water Intake
Products: Wilo-Actun ZETOS K8

CASE STUDY

LEBANESE UNIVERSITY NORTH CAMPUS

LEBANON

Located in Tripoli, the Lebanese University – North Campus represents one of the most ambitious educational infrastructure projects in Lebanon. Designed to centralize the university's eight faculties in the northern region into a single, unified site, the project reflects a bold vision for academic growth, community development, and long-term sustainability.

Delivering Smart, Reliable Water Solutions for Lebanon's Largest University Campus in the North.

Providing 18,000 students with clean water

At the Lebanese University's North Campus in Tripoli, Wilo played a vital role in delivering efficient water solutions for one of the largest educational developments in Lebanon.

Designed to host over 18,000 students, the campus spans 130,000 m² of land with a built-up area of 200,000 m², integrating eight faculties into a single site.

The scale and complexity of the project posed significant engineering challenges, particularly in ensuring consistent, efficient, and sustainable water management across such a large and diverse facility.
With a total investment exceeding USD 140 million, this strategic national project demanded premium solutions and trusted partners.

Wilo supplied advanced pumping systems for cooling, air-conditioning, water supply, pressure boosting, and wastewater transport. These energy-efficient solutions ensure a reliable, sustainable water infrastructure to the university complex.

Facts

Country: Lebanon

City: Tripoli

Segment: Building Services, Commercial

Applications: Wastewater Transport, Pressure-Boosting, HVAC, Water Supply

Products: Wilo-Cronoline-IL, Wilo-Cronoline-NL, Wilo-SiBoost-Smart FC 3 Helix V, Wilo-SiBoost Smart-4 Helix VE

CASE STUDY

HOTEL DIEU DE FRANCE
LEBANON

Located in Beirut since 1923, Hotel-Dieu de France is well known for its medical excellence and commitment to innovation. As part of its strategy to become a "Green Hospital," the facility is actively reducing water, energy, and power consumption across its operations. To support this vision, Wilo provided a smart, high efficiency solution to resolve HVAC water treatment challenges – seamlessly integrating with the hospital's 100-year-old infrastructure.

Modern Efficiency Meets Historic Infrastructure.

Contributing to a "Green Hospital" goal.

Founded in 1923 and located in the heart of Beirut, Hotel-Dieu de France stands as one of the oldest medical institutions in Lebanon. Over the decades, the hospital has built a reputation not only for its clinical excellence but also for its progressive outlook—adopting new technologies and innovations that enhance both patient care and operational efficiency.

In line with its sustainability goals, the hospital has launched a comprehensive initiative to reduce water, energy, and power consumption, aiming to position itself as a leading "Green Hospital" in the region.

Wilo Levant Platform provided a smart solution for the HVAC system's water treatment problems, where we installed a sludge removal system, the Wilo-SiClean, on a 100 years old boiler system without affecting Its performance. Our solution is used to minimize water waste and the use of chemicals during sludge removal of HVAC systems without cutting down water, heating and cooling on the hospital during flushing operations.

Facts

Country: Lebanon

City: Ashrafieh

Segment: Building Services, Commercial

Applications: Sludge Removal

Products: Wilo-SiClean

SETTING COURSE FOR THE **FUTURE** – WILO PRESENCE IN JORDAN

Wilo has established itself as a key player in Jordan and Palestine's water management, industrial and building services sectors since 2014, with the inauguration of our office in Amman, Jordan as a strategic point to manage the operations in both countries.

Our strategic focus aligns with Jordan's national water strategy, aiming to improve efficiency and reliability through advanced technologies and strong local partnerships' ensuring sustainable water distribution and wastewater management.

Water scarcity, demographic changes, rapid population growth, climate change impacts and the overuse of groundwater, emphasize the importance of having agile and efficient water utilities.
Jordan currently has 61 cubic meters of renewable fresh water available per capita per year, which is far less than the 500 cubic meters per capita annually "the internationally recognized as the absolute water scarcity line".

We work hand in hand with our local partners to treat and deliver every drop of water in the most efficient way.
Our solutions are tailored to these specific needs, and our involvement in high-profile projects highlights our commitment to improving environmental outcomes and complying with strict regulations.

Our collaboration with local authorities to enhance reclaimed water use from advanced wastewater treatment and TSE pumping station technologies increased over the past 4 years, contributing to high quality treated sewage effluent, feeding the irrigation network, industrial use and correspondently, reducing the consumption of freshwater.

Mohammad Abushanab
Country Manager
(Jordan & Palestine)
Wilo Rep, Office Jordan

Few notable examples in Jordan are Irbid, Wadi Arab, Al Salt and Al Aqaba Wastewater Treatment Plants. Similar solutions were developed in Jericho WWTP and slaughter–house STP in Palestine.

We focus on energy-efficient products that not only reduce operational costs, optimize energy use and reduce water losses, but also minimize environmental impact. Our commitment to sustainability extends to supporting local initiatives that promote water conservation and responsible resource management, as well as knowledge transfer for the future generations.

Over the past year, we conducted impactful training sessions and workshop at the Wilo Levant Academy in Lebanon, and here, in Jordan. Our knowledge-transfer and customer-focused approach was also delivered through our participation at industry-related conferences and exhibitions in the country.

Maintaining competitiveness and meeting the evolving needs of the Jordanian and Palestinian markets is central to Wilo Levant Platform's strategy & we are committed to enhancing water security and sustainability in the region, contributing to a resilient future for Jordan and Palestine.

We look forward to keeping track of impressive records with the consistent support and continuous efforts of our trusted partners in both countries.

HIGHLIGHTS 2023 –2024

JORDAN

Wilo Country Manager in Jordan, Member at GJVET

With the expansion of AHK's work in Jordan, the German Jordanian Vocational Education and Training (GJVET) board has been introduced to oversee TVET activities in the country, playing a crucial role in shaping the future of Vocational Training and Education. Mohammad Abushanab, Wilo Country Manager in Jordan, became a member of the board, highlighting Wilo's commitment to promoting vocational education and advancing the the future of the new generation in the country.

#BoldButOld, a Testimonial of Wilo Durability: Functional Wilo Circulating Pump From 1980

With great collaboration from our dealers and customers engagement, we managed to find and replace the oldest circulating wilo pump still functioning in Palestine, with the World's FIRST Smart Circulating Pump; the Wilo-Stratos MAXO!
Circulating water for **27 consecutive years,** our "old" Wilo-TOP-S 30/7 dating back to 07/1997, showcases our dedication to sustainable, durable and BOLD solutions!

IFAT 2024: Connecting with the Group – Wilo Booth Tour in Munich, Germany

Wilo proudly joined IFAT 2024 in Munich, alongside esteemed customer from around the world, immersing ourselves in cutting-edge solutions and technology.
From Munich to Hof, 9 customers from Jordan and Palestine also had the privilege of touring Wilo factory in Hof, where precision meets innovation in the water management field.
From insightful dialogues to hands-on experiences, every moment emphasized our commitment to excellence and sustainability.

Hof 2024

Participation in the 6th Arab Water Week and Exhibition in Amman, Jordan

From March 05 to March 07, Wilo Levant Platform participated in the 6th Arab Water Week 2023, in Amman, Jordan, "Towards Smart and Agile Water Utilities", showcasing some of our latest products and digital solutions in the water management field.
Organized by ACWUA and under the patronage of His Royal Highness Prince El Hassan bin Talal, the event that takes place every second year hosted more than 500 participants and delega-tions from 35 countries.

Seminar on Wilo's Water Solutions for the Industrial Segment at Kettaneh's facility

Held at Kettaneh's facility in Jordan, and led by Wilo country manager for Jordan and Palestine, Mohammad Abushanab, a seminar showcasing Wilo's Solutions for the industrial segment was conducted at the "Industrial Customer Day" event initiated by Kettaneh Jo., bringing together over 30 engineers from various industrial sectors across the Jordanian market.

CASE STUDY

AL AQABA WWTP
JORDAN

Located in the southern coastal city of Aqaba, Jordan, Al Aqaba Wastewater Treatment Plant is a critical infrastructure project that plays a vital role in the region's water management and environmental sustainability. As one of the key facilities responsible for treating wastewater in the area, the plant ensures that treated sewage is safely reused for agricultural purposes or returned to the environment, thereby reducing water scarcity in the arid region.

Al Aqaba Wastewater Treatment Plant is committed to advancing sustainable water management solutions, for agricultural and industrial needs.

Sustainable Water Management Solutions in Al Aqaba City.

Since its original construction in 1986, the North Aqaba Wastewater Treatment Plant has been a vital asset, expanded and rehabilitated with the support of USAID.

Since September 2021, we and our local partners in Jordan successfully handed over the project with 10 High-Efficiency Vertical Turbine Pumps with Premium Efficiency VHS Motors by American Marsh, designed to meet the agricultural and industrial needs of Al Aqaba city.

- 8 wilo pumps: 300 m3/hr. at 110 m. , 14 LC – 6 Stage, 200 HP
- 2 wilo pumps: 200m3/hr. at 60 m. , 12 GC – 4 Stage, 60 HP

By improving treated sewage effluent reuse, we're minimizing pollution and reducing freshwater consumption by satisfying the agricultural and industrial users' needs with reclaimed water.

Facts

Country: Jordan

City: Al Aqaba

Segment: Water Management

Applications: Water Supply

Products: Wilo Vertical Turbine Pumps

CASE STUDY

CLASSIC FASHION
JORDAN

**As Jordan emerges as a sustainable hub for garment manufacturing, Classic Fashion exemplifies this growth, consistently excelling in global garment production and export.
Being the largest garment manufacturer and the foremost employer in the sector, Classic Fashion crafts premium garments for top international suppliers and fashion brands, utilizing 12 state-of-the-art factories and 7 comprehensive satellite units.**

The textile and garment industry in the Middle East and North Africa is advancing rapidly. Among the leading countries in this sector, Jordan is the most progressive and labor-friendly.

Comissioning the Largest Apparel Manufacturer in the MENA Region.

Classic Fashion in Jordan, is the largest manufacturer and employer in the garment sector within the MENA region.

With a workforce of 30,000 employees operating over 16,000 machines, Classic Fashion produces around 500,000 garments daily, accounting for over 30% of Jordan's garment exports.

Wilo supported the customer from the initial phases of the project, providing technological proposals, specification activities, and sizing and selection of pumps and fittings.

We overcame numerous challenges to ensure the project's proper functionality, delivering solutions for HVAC, rainwater management, water treatment, distribution and boosting, process water supply, and dewatering.

Our contributions included supplying the industry with 30 Wilo-Atmos GIGA-N, 16 Wilo-MonoBloc BM-S, 16 Wilo-Padus PRO, 6 MCC panels, and 34 customized duplex PzeM-AE units.

Facts

Country: Jordan

City: Aqaba

Segment: Industry

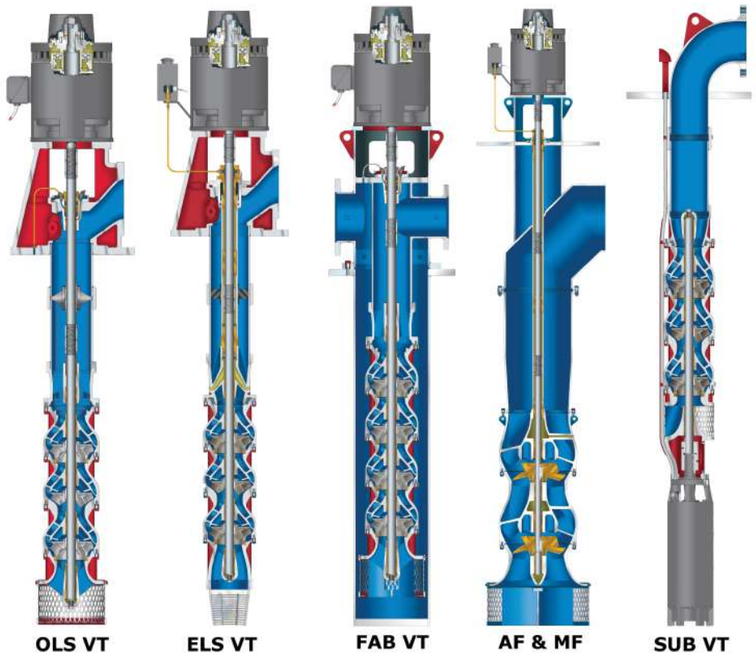
Applications: Water Supply, HVAC, Rain Water, Pressure Boosting, Water Treatment, De-watering

Products: Wilo-Atmos GIGA-N, Wilo-MonoBloc BM-S, Customized Duplex PzeM-AE, SS MCC Panels, VFD MCC Panels, Wilo-Padus PRO

CASE STUDY

GHOR EL KABED
JORDAN

Ghor El Kabed, located in the Jordan Valley, is a vital agricultural region known for its fertile lands and strategic role in Jordan’s food production. The area benefits from the region's unique climate and abundant water resources, which support the cultivation of various crops throughout the year. As one of Jordan’s most important farming hubs, Ghor El Kabed plays a crucial role in sustaining the nation’s agricultural output and supporting rural livelihoods.



Located in the heart of the Jordan Valley, Ghor El Kabed is a key agricultural hub, vital for Jordan’s food security and sustainable farming initiatives.

A Project Benifiting More Than 60,000 People.

The effects of climate change and rapid population growth caused a rapid decline of available water for agriculture in the Jordan Valley, increasing the importance of using reclaimed water for irrigation which is now the main source of water for more than 2/3 of the cultivated surface in the Jordan Valley.

Ghor el Kabed is an area of focus for development projects aimed at improving water management, agricultural efficiency, and infrastructure, ensuring long-term sustain-ability in this critical region.

We were able to raise the efficiency of irrigation water distribution, reduce maintenance & repair costs, as well as the percentage of water loss, by supplying 9 high-efficiency American-Marsh VT pumps with reliable semi open impellers and vertical hollow shaft designed for the rehabilitation of the irrigation networks.

Facts

Country: Jordan

City: Jordan Valley

Segment: Water Management

Applications: Water Supply

Products: Wilo Vertical Turbine Pumps

CASE STUDY

AL BASHIR HOSPITAL
JORDAN

Al Bashir Hospital, Amman's largest medical facility, is dedicated to providing advanced healthcare services with a focus on patient care and innovation.
Serving a vast population, it is a cornerstone of Jordan's healthcare system, offering comprehensive medical services that range from emergency care to specialized treatments in surgery, oncology, cardiology, and more.

With its expansive infrastructure and commitment to medical excellence, Al Bashir Hospital is dedicated to providing high-quality, accessible healthcare to both local citizens and patients from across the region.

Equiping Hospitals in Times of Emergency.

Ensuring reliable water management is essential for maintaining hospitals' daily operations and supporting critical healthcare services.

During Covid-19, a new 2,000-square-meter emergency building, equipped with the latest and most advanced equipment, with a capacity of 147 bed was inaugurated at Al Bashir hospital, in Amman, Jordan.
The Emergency Extension played a vital role against increased COVID-19 cases in Amman, and it is during that period that we have supplied, started-up and commissioned the hospital with 16 Horizontal End-Suction pumps, 4 Vertical In-Line pumps and HVAC pumps from Wilo.

Engineered to deliver consistent and efficient water supply across the hospital's extensive network, our pumps insure that essential areas such as patient wards, surgical units, and laboratories are supported with reliable water flow. The pumps are optimized for energy efficiency, reducing operational costs while maintaining high performance.

Facts

Country: Jordan

City: Amman

Segment: Building Services, Commercial

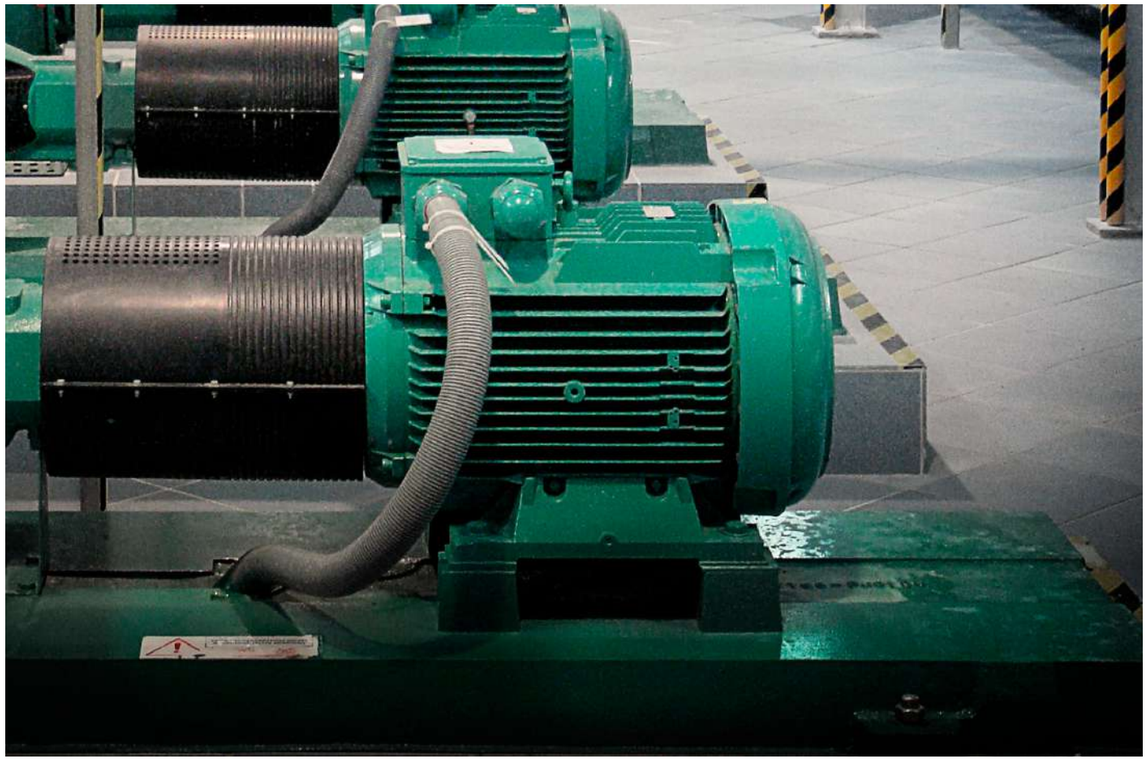
Applications: HVAC

Products: Wilo-CronoBloc-IL, Wilo-CronoBloc-BL-E

CASE STUDY

ROTANA HOTEL
JORDAN

Rotana Hotel is the first high rise building in Jordan. Located in the central business, social and residential destination, Amman's new downtown, the 5-star hotel consists of 412 luxury hotel rooms and suites, housed across 50 floors at 188 meters high.
Wilo supplied the hotel with HVAC and Pressure Boosting Solutions.



Delivering luxury and sustainability, while prioritizing guest experience through innovation and eco-friendly operations.

Luxurious Treatment for a Luxury Hotel.

Rotana Hotel, Amman's first high-rise building, stands as a landmark of modern luxury in Jordan's capital. Ensuring efficient water management for such a prominent structure is vital to maintaining its operational excellence. Wilo has contributed to this by supplying advanced water pumps tailored to the hotel's unique needs.

Designed to optimize water distribution throughout the hotel's extensive facilities, Wilo's pumps ensure a reliable supply across all areas, from guest rooms to leisure and dining spaces. Their high efficiency not only improves water usage but also reduces energy consumption, a crucial factor in a building of this scale.

As part of Rotana's ongoing modernization efforts, Wilo's innovative solutions play a key role in enhancing the building's infrastructure, reinforcing the hotel's commitment to sustainability, that aligns with the global move towards eco-friendly hospitality solutions.

Facts

Country: Jordan

City: Amman

Segment: Building Services, Commercial

Applications: Water Supply

Products: Wilo-NL, Wilo-MVI, Wilo-MTS, Wilo-MHIL, Wilo-Cronobloc-BL, Wilo-Cronobloc-IL, Wilo-Comfort-Vario COR MVIE, Wilo-Horizontal Multistage RSP

SETTING COURSE FOR THE **FUTURE** – WILO PRESENCE IN IRAQ

Iraq is at a critical juncture where the effective management of water resources will determine the future of our agriculture, industry, and communities.
Wilo has established itself as a key player in country's water management, industry, and building services sectors since 2013, with the inauguration of our office in Baghdad, Iraq as a strategic point to manage the operations in the country, with proximity to our customers.

At Wilo, we recognize the pivotal role that effective water management plays in addressing the complex water challenges faced by Iraq. As a leading manufacturer of advanced pumps and pump systems, we are dedicated to providing solutions that meet the unique needs of this region, helping to ensure a more sustainable and efficient use of water resources.

Iraq's water resources have significantly decreased over the years due to reduced river flows, prolonged droughts, and increased water consumption.
The country's water availability per capita has dropped sharply, putting immense pressure on its water infrastructure. Faced with decades of conflict, the people of Iraq today are committed to rebuilding and modernizing the country's infrastructure and water management systems, and we are here to support this rise.

Mohammed Al-Nuaimi
Country Manager
Iraq
Wilo Rep, Office in Iraq

Through our collaboration with local authorities and international partners to rehabilitate Iraq's aging water infrastructure, we ensure that every drop of water is utilized efficiently, This includes modernizing water treatment plants, repairing critical dams, and upgrading irrigation systems to reduce water wastage.

Our involvement in high key profile projects concerned with the advancement of the region's goals towards a more sustainable, water-secured future, showcase our commitment to ensuring reliable access to safe, clean water.

One notable example is our big role in Khor Al Zubair water treatment complex under the Joint Program "Providing Safe Drinking Water to Basra's Population-Iraq", a complex providing clean drinking water to around 100,000 residents of Al-Zubair, Safwan and Um Qasr sub-districts, to which we provided the 16 water treatment plants with 192 Wilo-SCP and Wilo-Atmos GIGA pumps, together with 74 Wilo-FA pumps.

Our high-efficiency pumps are at the forefront of optimizing water transfer and distribution. By enhancing the precision of water delivery from sources such as dams and rivers to urban areas, agricultural fields, and industrial facilities, we are constantly reducing water wastage and supporting effective resource management.

Furthermore, we are dedicated to building local capacity and transferring knowledge. Through partnerships with local governments, NGOs, and international organizations, we provide training and education for engineers, technicians, and decision-makers, ensuring that Iraq has the expertise needed to effectively operate and maintain modern water systems.

As Wilo continues to expand its operations in Iraq, our commitment remains unwavering: to provide innovative, sustainable water management solutions that will help secure a stable and prosperous future the country, its people and the environment.

HIGHLIGHTS 2023 –2024

IRAQ

Enhancing Economic Connections: Extending Collaboration with AHK in Iraq

As part of a valuable initiative led by the German Liaison Office for Commerce and Industry in Iraq, Wilo took part in a dedicated meeting with AHK Baghdad, Iraq, aimed at supporting German companies operating in the dynamic Iraqi market.
The insightful exchange focused on discussing key economic developments and business opportunities shaping Iraq's fast-evolving landscape.

Regional Assembly, Global Standards

Wilo Levant hosted a seminar for over 30 leading consultants at Circular City's facility in Erbil,(Wilo business partner in Iraq), highlighting Wilo-UAE assembly line. The session showcased Wilo's regional manufacturing capabilities and commitment to delivering tailored, high-quality solutions, reflecting dedication to strengthening local engagement and advancing water infrastructure across MENA.

IFAT 2024: Connecting with the Group – Wilo Booth Tour in Munich, Germany

Wilo proudly joined IFAT 2024 in Munich, alongside esteemed customer from around the world, immersing ourselves in cutting-edge solutions and technology.
From Munich to Hof, 6 customers from Iraq also had the privilege of touring Wilo factory in Hof, where precision meets innovation in the water management field.
From insightful dialogues to hands-on experiences, every moment emphasized our commitment to excellence and sustainability.

Hof 2024

Strengthening ties between Lebanon & Iraq: Meeting with Iraqi Minister of Water Resources

In a initiative led by H.E. Mr. Ali Adeeb Al-Habab, Lebanese Ambassador to Iraq, Wilo joined a strategic meeting with Iraq's Minister of Water Resources, Eng. Aoun Diab Abdallah, in Baghdad. The dialogue underscored Iraq's strategic shift toward water conservation and Wilo's readiness to contribute through innovative solutions, reinforcing the value of regional partnerships in tackling water scarcity and driving sustainable development.

Delivering Advanced Insights into Building Services and Firefighting Solutions

Wilo Levant hosted a two-day workshop in Lebanon covering advanced technologies, firefighting systems, and including site visits in Beirut, for a distinguished customer group from Iraq. The workshop strengthened technical expertise, showcased real-world applications, and reaffirmed Wilo's dedication to empowering customers through meaningful collaboration and practical, sustainable solutions.

CASE STUDY

AL ANBAR INTERNATIONAL HOTEL IRAQ

The Anbar International Hotel in Iraq features a modern architectural style with regional influences. The hotel features 15 floors, providing ample space for accommodations, amenities, and services for guests. As the first of its kind in the region, it symbolizes progress and serves as a hub for tourism and economic growth.

Al Anbar International Hotel stands as a testament to the resilience and progress of Al Anbar province. Through its commitment to excellence, the hotel plays a pivotal role in the region's development and prosperity.

Pump Design to a One-Of a Kind Hotel Design

Located in the heart of Al Anbar province, Iraq, Al Anbar Internation Hotel is a symbol of luxury and modernity in a region that has undergone significant reconstruction and development. The hotel was established to cater to the growing demand for high-quality accommodation and services in the area, particularly for business travelers, tourists, and dignitaries visiting the province.
Featuring 15 floors providing ample space for accommodations, amenities, and services for guests, in a modern architectural style with regional influences, the hotel's scenic location overlooks the Euphrates River adds to its allure, offering stunning views.

Wilo played a crucial role in the development of Al Anbar International Hotel by providing comprehensive solutions starting from the design stage, for boosters, water supply, fire-fighting systems (FFS), and circulation. We supplied the hotel with Wilo-UL/FM and Wilo-ATMOS GIGA-N pumps, ensuring reliable and efficient water management and fire safety systems.

Facts

Country: Iraq

City: Anbar

Segment: Building Services, Commercial

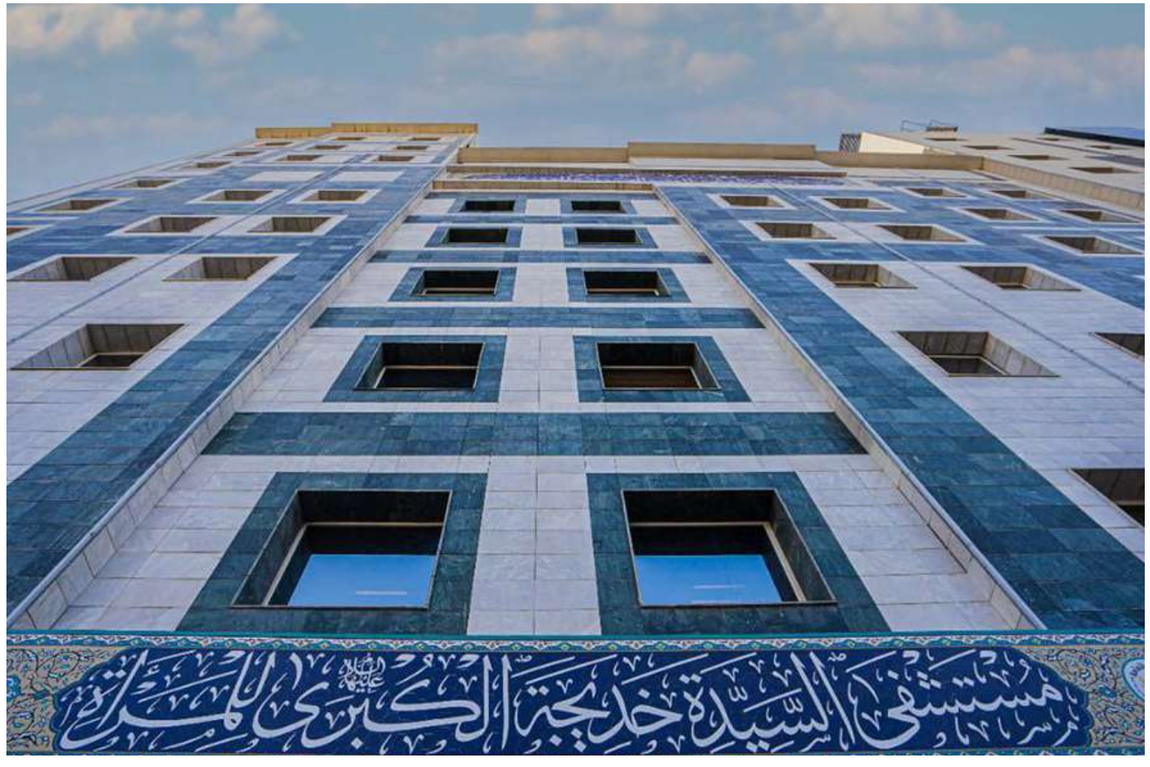
Applications: Water Supply, Fire Fighting, HVAC

Products: Wilo-UL/FM, Wilo-ATMOS GIGA-N

CASE STUDY

AL KHADIJA HOSPITAL
IRAQ

Sayyida Khadija al-Kubra Hospital, located in the holy city of Karbala, Iraq, is a pioneering healthcare institution dedicated exclusively to women's health. The hospital is the first of its kind in the Middle East, focusing on comprehensive medical care for women across various specialties. Established in 2022, the hospital has a capacity of 300 beds.



Sayyida Khadija al-Kubra Hospital stands as a testament to the commitment to women's health in Iraq. Through strategic planning, cultural sensitivity, and unwavering dedication to excellence, the hospital continues to make a significant impact on women's healthcare in the region.

High-Pressure Water Flow to a 300-Beds Capacity Hospital in Karbala.

Through its comprehensive services and community engagement, Sayyida Khadija al-Kubra Hospital stands as a beacon of hope and progress in Iraq.
Offering a wide range of specialized medical services tailored to meet the unique needs of women, the hospital aims to improve health outcomes and enhance the quality of life of women in the region.
With state-of-the-art facilities and a commitment to excellence,the hospital also plays a crucial role in medical education and research, contributing to the advancement of women's healthcare.

Wilo supplied the hospital with high-pressure water flow pumps - Wilo-SiFire Easy- specifically designed for firefighting, and known for their robust, reliable performance and compliance according to EN12845 standards. The system's modular design allows for flexibility in installation and maintenance, ensuring that the hospital's fire safety measures are both effective and efficient.

Facts

Country: Iraq

City: Karbala

Segment: Building Services, Commercial

Applications: WaterSupply, Fire Fighting

Products: Wilo-SiFire Easy

CASE STUDY

AL MOSUL DAM
IRAQ

One of the largest dams in the Arab region and the largest one in Iraq (3.4 Km in Length and 113 m in Height), Al Mosul Dam was built in the early 80s on the Tigris River.
The dam serves to generate hydroelectricity and provide water for downstream irrigation. At full capacity, the structure holds about 11.1 cubic Km (2.7 cu mi) of water and provides electricity to the 1.7 million residents of Mosul.

WATCH A VIDEO SHOWCASING THE INSTALLATION OF ONE THE PUMPS ON TIKTOK

As Iraq moves towards a more sustainable and secure future, Al Mosul Dam will undoubtedly remain a critical asset in the nation's development.

Increasing the Efficiency of One of the Largest Dams in the Arab Region.

Al Mosul Dam is a vital piece of infrastructure that plays a crucial role in Iraq's water management, electricity generation, and agricultural irrigation.
The dam's strategic importance cannot be overstated. It supplies electricity to the city of Mosul and controls the agricultural water supply for much of the region.
Poised to play a key role in Iraq's efforts to rebuild and modernize its infrastructure, there are plans to enhance the dam's operational efficiency and safety through advanced engineering solutions and continuous monitoring.

Wilo has played a significant role in enhancing the efficiency of the Dam's pumping systems by replacing the previously exixting pumps, with 4 Wilo Pumps that are smaller in size, yet offering higher efficiency. This upgrade has not only improved the operational efficiency of the dam but also contributed to more reliable water management and energy production.

Facts

Country: Iraq
City: Al Musol
Segment: Water Management
Applications: Clean Water
Products: Polder Pumps DHC980

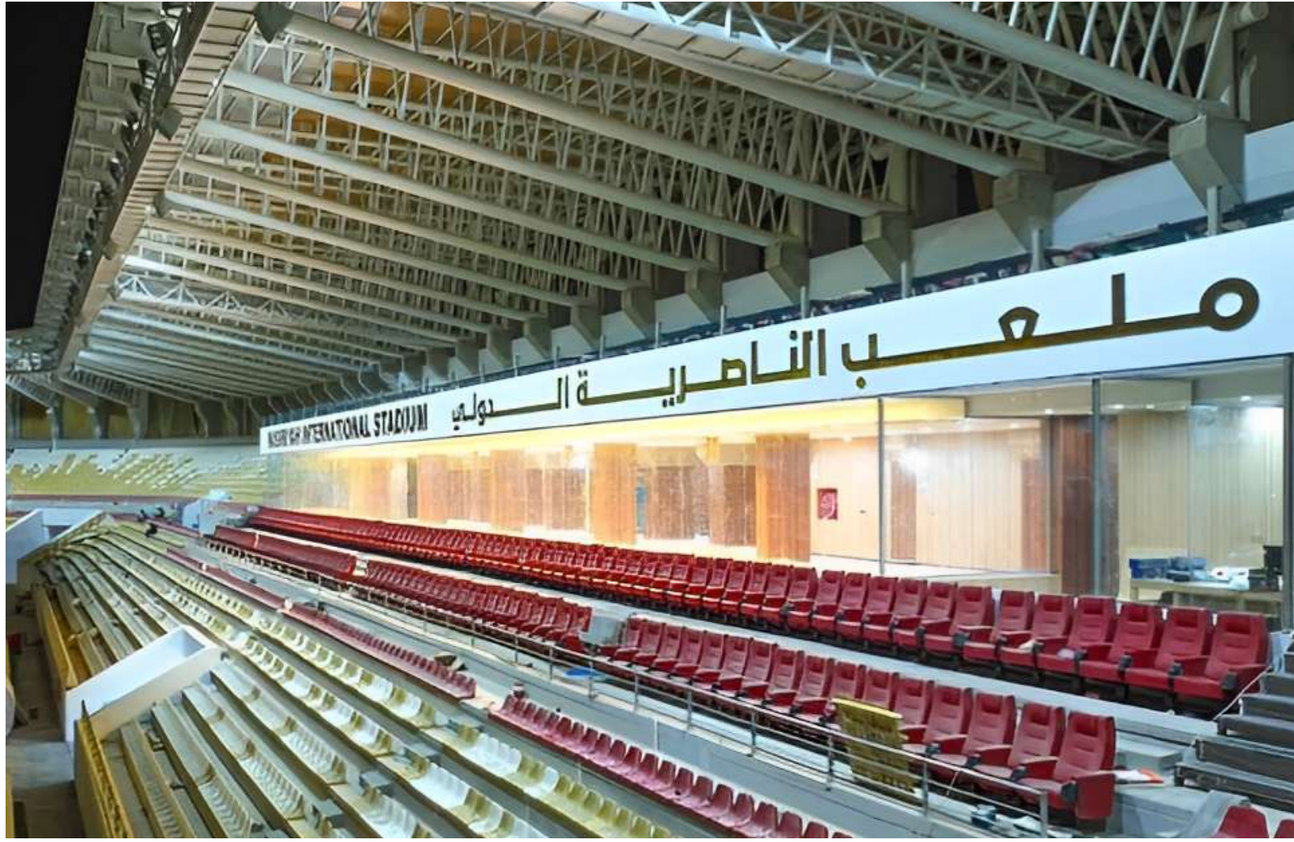
CASE STUDY

AL NASIRIYAH INTER-NATIONAL STADIUM

IRAQ

Located in Nasiriyah, southern Iraq, the upcoming Al Nasiriyah International Stadium is poised to become one of the country's most iconic sports developments. With an expected opening in 2025, the facility is being built to FIFA standards, featuring a 20,000-seat football stadium, two training stadiums, a four-star hotel, and two modern pavilions: an aquatic center and an indoor sports hall.

SCAN TO SEE MORE PICTURES ON INSTAGRAM



Funded entirely by the Iraqi government, Al Nasiriyah International Stadium carries a construction cost of approximately USD 95 million.

Supplying water to a stadium meeting FIFA requirements.

Inaugurated by Iraqi Prime Minister Mohammed Shia' al-Sudani, on September 20,2024, this 20,000 – spectator capacity stadium is a major milestone in Iraq's sports infrastructure .

In terms of water supply and disposal in general, football stadiums have a very heterogeneous performance profile, and we are proud to have contributed to the development of this stadium, by delivering pumps at a very short delivery time and providing solutions and design calculations for boosters.

Nasiriyah International Stadium is fully supplied with wilo's advanced booster, sewage, and fire pumps, underscoring our commitment to excellence and innovation in large-scale infrastructure projects.

Our systems will serve various water applications across the complex—ensuring reliable water pressure for public facilities, hospitality areas, HVAC systems, and sports pavilion operations.

Facts

Country: Iraq

City: Al Nasiriyah

Segment: Building Services, Commercial

Applications: WaterSupply, Fire Fighting, Pressure Boosting

Products: Wilo-Atmos GIGA-N, Wilo-COJ-Helix First V, Wilo-COR-2 Helix V, Wilo-Top-S

CASE STUDY

IFRAZ PROJECT
IRAQ

Ifraz Water Treatment Plants are crucial facilities for providing clean water to Erbil. The projects consists of three main plants: Ifraz I, II, and III. Together, they supply about 60% of Erbil's water needs. The plants include clarifiers, pump stations, and a main reservoir with a capacity of 20,000 cubic meters, treating between 6,000 to 10,000 cubic meters of water per day, and transporting water through a 31.7 km long pipeline.

The inclusion of Wilo's advanced pumping solutions has significantly contributed to the operational success of the Ifraz Water Treatment Plants, ensuring a steady and reliable supply of clean water to the Erbil's residents.

Extension of IFRAZ I Water Treatment Plants – A History Dating Back to 2012.

With the growing focus on ensuring the availability of potable water in Erbil province, three water treatment plants (WTPs) have been constructed over the past decades. The water quality at these plants—Ifraz I, Ifraz II, and Ifraz III—was monitored for physical, chemical, and bacteriological parameters.
This monitoring took place at 15 sampling sites across the three WTPs in Erbil governorate from May 2008 to January 2009, with samples collected monthly. Each WTP was divided into five sampling sites based on their treatment units.

Wilo played a significant role in enhancing the efficiency and reliability of the Ifraz Water Treatment Plants by supplying 4 units of high-efficiency Wilo-Atmos GIGA-N, known for their robust performance and energy efficiency, providing consistent water pressure and flow throughout the treatment process, as well as 2 units of Wilo-SCP pumps, providing reliable and efficient water transport.

Facts

Country: Iraq

City: Erbil

Segment: Water Management

Applications: WaterSupply, Fire Fighting, Pressure Boosting

Products: Wilo-SCP, Multistage Pumps

SETTING COURSE FOR THE **FUTURE** – WILO PRESENCE IN PAKISTAN

Wilo has emerged as a key player in Pakistan's water sector ever since our office establishment in the country in 2011.

Since establishing our office in Pakistan in 2011, Wilo has emerged as a key player in Pakistan's water sector, strategically managing operations across Pakistan and Afghanistan.
Our commitment to enhancing water efficiency and reliability is driven by the integration of cutting-edge technologies and robust local partnerships.

Our presence in Pakistan underscores our dedication to the nation's development goals. By collaborating closely with local stakeholders, we are delivering innovative solutions that address the evolving needs of Industries and communities with strong contribution towards a sustainable future.

Pakistan is currently classified as a water-stressed country and is rapidly moving toward becoming water-scarce. Over the years, water availability per capita has significantly decreased, due to the country's population growth, over-extraction of resources, and inefficient water use.
Tackling these complex challenges requires a multi-faceted approach, including improved water management practices and sustainable solutions.

At Wilo, we recognize the critical role of water in Pakistan's agriculture and industrial sectors.
Our commitment to enhancing water management is reflected in our innovative, energy-efficient solutions tailored to the nation's unique challenges.

Nasir Faridi
Country Manager (Pakistan & Afghanistan)
Wilo Rep. Office in Pakistan

Our involvement in high-profile projects highlights our commitment to improving environmental outcomes.
One notable example is our involvement in PICIIP's project of Rehabilitation of Sewage System in the Sialkot and Sahiwal City (Influent Pumping Stations in Sialkot and South Zone Sahiwal). Another one is the PRMSC project for the supply of Wilo Pumps for Water Supply and Waste Water for 200 Villages in Punjab.

Wilo's high-efficiency pumps are designed to reduce energy consumption and minimize water wastage, offering long-term cost savings and significant environmental benefits.
By integrating advanced technologies, we aim to optimize water use and secure resources for future generations.

Education is a cornerstone of driving long-term change. Through the Wilo Levant Academy, we are spreading the knowledge and expertise needed to foster a culture of sustainable water management.
Conducting workshops and training sessions for engineers, technicians, decision-makers, and future generations on the latest in sustainable pump technology and best practices, we ensure they are well-equipped to meet tomorrow's challenges.

As Wilo continues to expand its footprint in Pakistan, our focus remains on delivering innovative solutions that support the country's journey toward a more sustainable and efficient future.

HIGHLIGHTS 2023 –2024
PAKISTAN

Wilo at PAK Water Expo 2023

From October 25 to October 27, 2023, “One Air”, Wilo’s business partner in Pakistan, showcased Wilo's cutting-edge products at the “PAK Water Expo 2023”.
Focusing on Industry and Water Manage-ment Solutions, the exhibition hosted participants from both public and private sectors, as well as high-ranking government officials who visited the booth of Wilo’s business partner in the country.

Wilo Levant hosts Water Authorities from Punjab, Pakistan in the presence of the Ambassador of Pakistan in Lebanon.

Fostering cross-border collaboration through advanced water management dialogue, His Excellency Salman Athar, Ambassador of Pakistan to Lebanon, joined Wilo Levant Platform’s Water Management workshop held for an esteemed group of customers from Pakistan in Lebanon. With a special focus on Wastewater Sewage Pumps, this event under-scores our strategic focus on the Pakistani market, especially within the water manage-ment segment.

IFAT 2024: Connecting with the Group – Wilo Booth Tour in Munich, Germany

Wilo proudly joined IFAT 2024 in Munich, alongside esteemed customer from around the world, immersing ourselves in cutting-edge solutions and technology.
From Munich to Hof, 7 customers from Pakistan also had the privilege of touring
Wilo factory in Hof, where precision meets innovation in the water management field.
From insightful dialogues to hands-on experiences, every moment emphasized our commitment to excellence and sustainability.

Hof 2024

Wilo Joins German Unity Day Celebra-tions at the Consul General of the Federal Republic of Germany in Karachi.

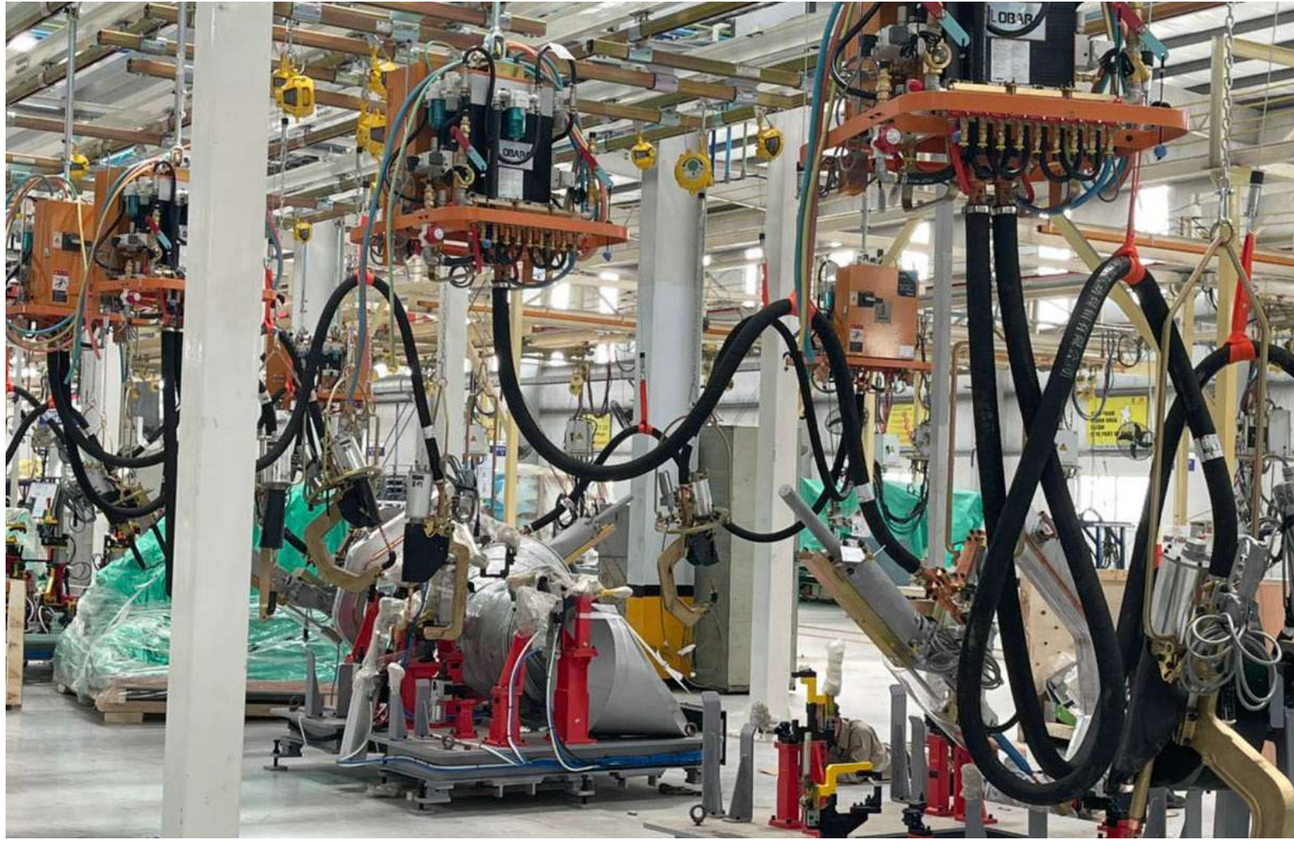
Wilo was proud to participate in the German Unity Day 2024 celebrations hosted by the Consul General of the Federal Republic of Germany in Karachi. The event marked a meaningful moment of unity, bringing together members of the German-Pakistani business community, diplomatic corps, and key stake-holders in an atmosphere of friendship, dialogue, and shared purpose.

Honoring shared values and deepening part-nerships, Wilo remains dedicated to fostering progress, collaboration, and trust between both nations.

CASE STUDY

MG MOTORS
PAKISTAN

MG, the iconic British automotive brand, made a grand entrance into the Pakistani market in 2020, starting as a joint venture between SMIL and JW SEZ Group. A total investment of $100 million was made, marking Pakistan CKD Operation as the fourth MG assembly plant globally. Following the completion of Phase 2 of the assembly plant in 2022, the manufacturing license was granted, demonstrating MG's long-term commitment to the Pakistani market.



Delivering high-efficiency water systems for MG Motos' plant in Lahore, supporting HVAC, water supply, and pressure-boosting in advanced automotive manufacturing.

A fresh addition to Pakistan's automative industry.

MG's commercial entry to the Pakistasni market was a strong indicator of the company's long-term vision for local manufacturing, technology transfer, and industrial growth in the region.

Supporting such a high-tech automotive facility requires robust and reliable utility infrastructure. Wilo delivered a range of smart, high-efficiency pump systems to ensure seamless water management across several industrial applications within the plant:

- HVAC Systems – powered by the Wilo-Atmos TERA-SCH and the Wilo-Atmos GIGA-N
- Water Supply – supported by Wilo-Helix FIRST V
- Pressure Boosting & Process Water – enabling stable and energy-efficient pressure for equipment and processes.
- Wastewater Handling – managed through the compact and efficient Wilo-Rexa MINI3.

Facts

Country: Pakistan

City: Lahore

Segment: Industry

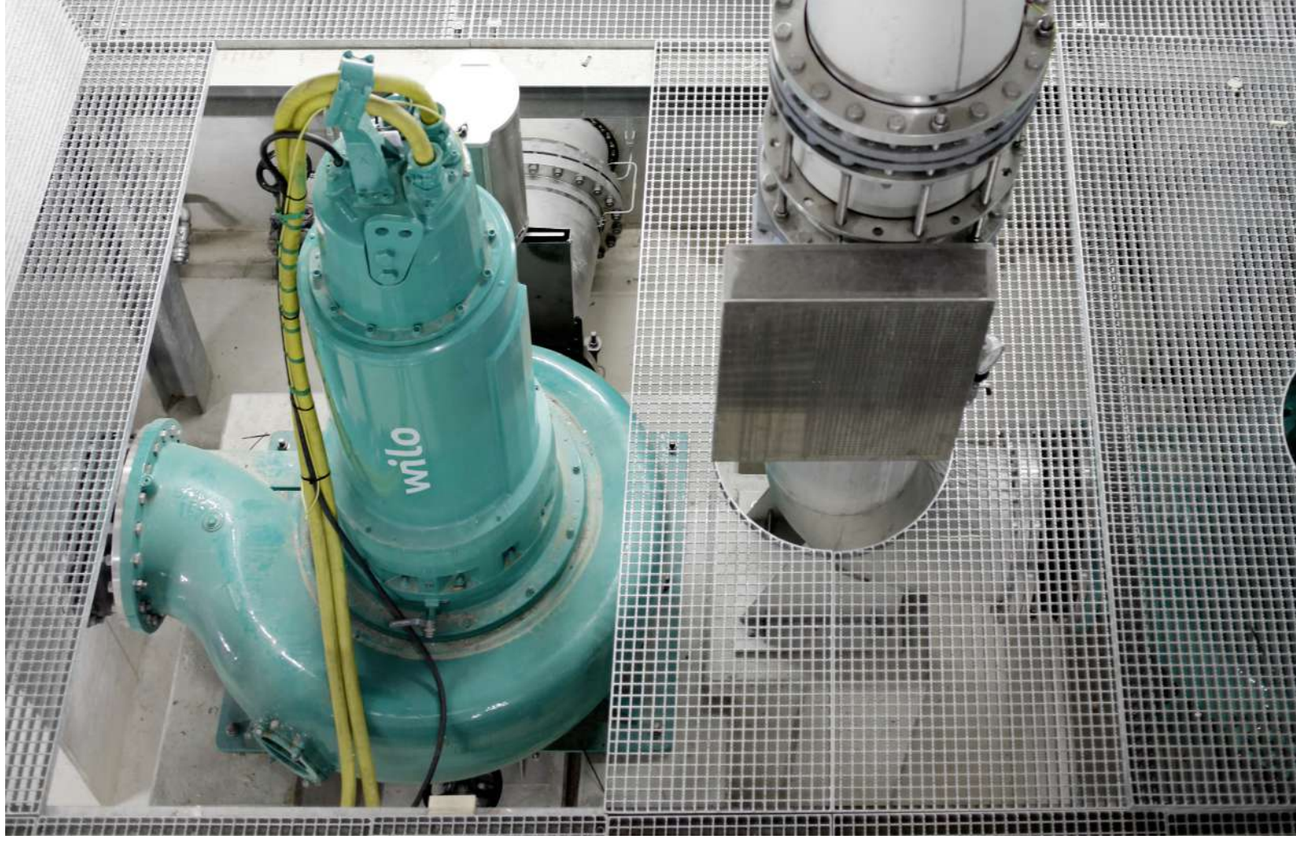
Applications: HVAC, Water Supply, Pressure-Boosting

Products: Wilo-Atmos TERA-SCH, Wilo-Helix FIRST V, Wilo-Atmos GIGA-N, Wilo-Rexa MINI3

CASE STUDY

SIALKOT & SAHIWAL WWTP PAKISTAN

Under the Punjab Intermediate Cities Improvement Investment Program (PICIIP), aiming to improve the quality of urban services available in selected cities in Punjab province, the city of Sialkot is establishing its first Wastewater Treatment Plant, a landmark investment in sustainable urban infrastructure. Funded by the Asian Development Bank (ADB), this project emphasizes the importance of urban infrastructure development to the PICIIP.



Sialkot's Wastewater Treatment Plant: A Groundbreaking Step Toward Cleaner Water and Healthier Communities.

Rehabilitation of water supply & sewarage system in Sialkot and Sahiwal

Sialkot, a globally recognized industrial hub, faces increasing pressure on its urban infrastructure due to population growth and industrial expansion.In a pioneering move toward sustainable city development, Sialkot is preparing to launch its first Wastewater Treatment Plant, marking a major achievement in Pakistan's environmental and urban services reform.

The treatment plant spans an area of 239 acres and is designed to process 68.23 cusecs of wastewater, signifi-cantly reducing the amount of untreated sewage.
It is engineered to meet World Health Organization (WHO) sanitation standards, positioning it as a model for future wastewater infrastructure across Pakistan.

The first phase will fund investments in the intermediate cities of Sialkot and Sahiwal, including water supply systems, sewerage and drainage networks, and the development of sewage treatment plants.

Facts

Country: Pakistan
City: Sialkot & Sahiwal
Segment: Water Management
Applications: Wastewater Transfer
Products: Wilo-FA

CASE STUDY

NASTP AVIATION CITY
PAKISTAN

In a strategic move to position Pakistan at the forefront of global aerospace and high-tech innovation, the government has launched the National Aerospace Science & Technology Park (NASTP)—a visionary initiative to integrate design, research, manufacturing, and innovation into one national ecosystem. At the heart of this initiative is NASTP Kamra, the flagship campus and operational nerve center of this groundbreaking project.

NASTP Kamra Aviation City – Pakistan's Emerging Global Aerospace and Innovation Hub.

Supplying water to NASTP Kamra

Located in Kamra, Pakistan, NASTP Kamra Aviation City is the flagship campus of the National Aerospace Science & Technology Park (NASTP)—a visionary initiative to position Pakistan as a competitive hub for aerospace, defense, and high-tech industries.
Designed as an integrated ecosystem, the campus hosts facilities for design, R&D, product lifecycle management (PLM), manufacturing, MRO, training, aviation logistics, and international air shows and expos.

With strong potential to attract foreign direct investment (FDI) from the Middle East, Far East, Central Asia, and European nations (supported by Pakistan's GSP+ status), NASTP Kamra is being developed as one of the region's most strategic industrial zones.
Wilo provided a comprehensive package of pumping solutions for critical water infrastructure—ensuring high performance, energy efficiency, and future scalability, covering four key applications, from HVAC to water supply, pressure boosting and dewatering.

Facts

Country: Pakistan

City: Kamra

Segment: Building Servies, Commercial

Applications: HVAC, Water Supply, Pressure Boosting, De-watering

Products: Wilo-FAG, Wilo-WJ, Wilo-Atmos GIGA-N, Wilo-CronoNorm-NLG, Wilo-Atmos TERA-SCH

CASE STUDY

DOLMEN MALL LAHORE
PAKISTAN

Set to become one of the most iconic retail destinations in Pakistan, Dolmen Mall Lahore is a major milestone in the Dolmen Group's legacy of delivering world-class commercial developments. Strategically located and thoughtfully designed by internationally acclaimed architects Chapman Taylor, the mall brings a new standard of shopping and dining to the heart of Lahore.

Dolmen Mall Lahore – A Landmark in Retail and Lifestyle Innovation.

Wilo solutions at a world-class retail destination redefining shopping, dining, and entertainment in Lahore

Dolmen Mall Lahore is the Dolmen Group's latest and most ambitious shopping mall project to date in Pakistan. Designed by the internationally renowned architectural firm Chapman Taylor, the mall is set to redefine the retail experience in Pakistan. With a total built-up area of approximately 2 million square feet, the development features ground plus three levels of vibrant retail spaces, anchor stores, a hypermarket, themed food streets, food courts, and entertainment zones catering to all age groups.

As part of the mall's advanced infrastructure, Wilo supplied energy-efficient pump solutions for key applications, including domestic water supply, drainage and sewage, and water boosting – ensuring reliable water management and supporting smooth day-to-day operations, while contributing to the mall's sustainability goals.

Facts

Country: Pakistan

City: Lahore

Segment: Building Servies, Commercial

Applications: Water Supply, Drainage & Sewage, Water Boosting

Products: Wilo Boosters, Wilo-Rexa FIT, Wilo-Rexa PRO, Wilo-Helix FIRST V, Wilo-Medana CV1-L, Wilo-TWI, Wilo-FA

CASE STUDY

PRMSC – PRSWSSP
PAKISTAN

PRMSC has been established to enhance water and sanitation facilities in 2000 villages across Punjab. This project was designed in light of the world's best practices for improvement of the WASH sector in rural areas, ensuring that villages are converted into healthier, hygienic living places. The goal of the PRSWSSP is to improve sanitation, provide clean drinking water, and improve living conditions through solid waste management in rural settlements of Punjab.

Wilo-Xiro SPI: Multistage submersible pump for vertical or horizontal construction with NEMA (6" and 8") or standard connection (10").

Punjab Rural Sustainable Water Supply and Sanitation Project (PRSWSSP)

The Punjab Rural Municipal Services Company (PRMSC) is leading a major initiative to enhance water, sanitation, and hygiene (WASH) services in 2,000 villages across Punjab.

The Punjab Rural Sustainable Water Supply and Sanitation Project (PRSWSSP) is guided by global best practices and aims to provide clean drinking water, improved sanitation, and effective solid waste management, ultimately transforming rural settlements into healthier, more livable environments.
As part of this large-scale infrastructure, Wilo supplied advanced pump solutions designed for water supply and wastewater transfer applications.

The systems delivered included the Wilo-Xiro SPI, known for its reliability in water distribution, and the Wilo-FAG, designed for efficient wastewater handling. These energy-efficient, high-performance pumps ensure long-term operational stability and align with the project's goal of sustainable rural development across Punjab.

Facts

Country: Pakistan

City: Punjab

Segment: Water Management

Applications: Water Supply & Waste Water Transfer

Products: Wilo-Xiro SPI, Wilo-FAG

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