

Pipeline and Sewer Construction

Pipeline and Sewer Construction

YOUR BENEFITS

- Family-owned company with more than 80 years of experience in underground pipeline construction, refurbishment and rehabilitation
- Experienced and reliable General Contractor with a completion rate of 100 percent
- Professionally designed, customised solutions for your projects
- Top quality from high-calibre experts
- Continuously improved quality management system that combines experience with state-of-the-art engineering
- Use of advanced technologies and processes
- Safety, security and assistance guaranteed even after project completion

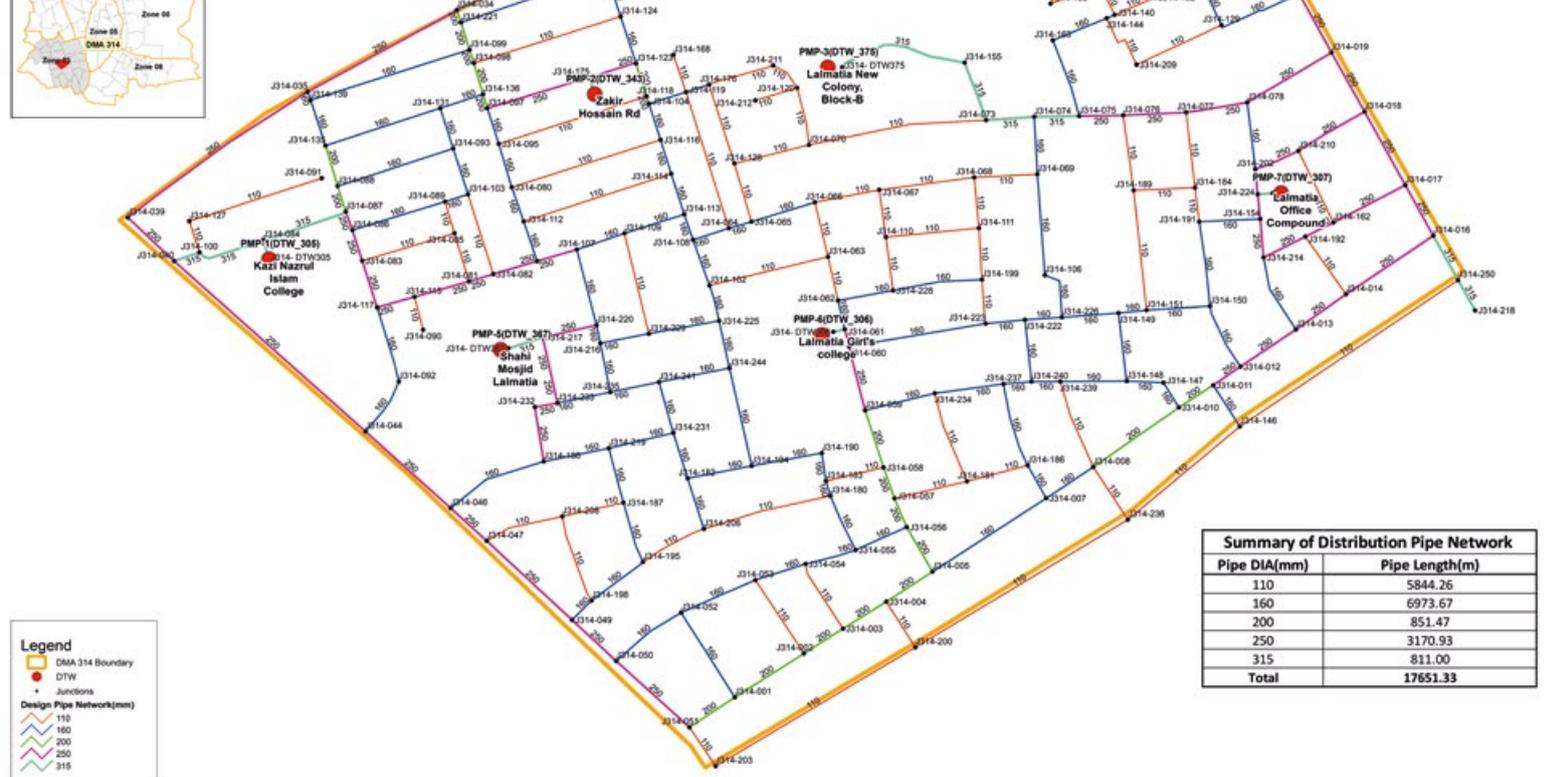
Ludwig Pfeiffer is a German family-owned company, established in 1933 which focused on the new construction of water supply and waste disposal networks. Today, as a full EPC contractor, we operate in more than 30 countries worldwide, adopting the latest technologies both for open cut and trenchless works.

Our activities cover the whole water cycle, from extraction and capture, through transport, treatment and distribution up to collection, treatment and disposal (including outfall). Our activities also include other types of networks such as gas and district heating. We provide turnkey solutions for the construction, extension and improvement of new networks, pumping stations and complete treatment plants. Furthermore, we specialize in repair and rehabilitation of existing networks using our large portfolio of solutions of trenchless technologies.

Regardless of project type or size, we pursue an intelligent approach using state-of-the-art, sustainable technology. Our customers benefit from more than 85 years of experience and know-how. Offering the full range of available methods, we can handle every project – from individual household connections to the construction of whole plants, on any continent.

Diverse and flexible, our solutions will always meet the specific and challenging requirements of your project.

Everything from a single source.



Hydraulic model of water supply system in Dhaka, Bangladesh

Pipeline and Sewer Construction

Our Services

Ludwig Pfeiffer is a well-known infrastructure design and construction company which specializes in the construction, improvement, expansion and replacement of new and existing networks as well as the rehabilitation and repair of existing networks using open trench or by applying trenchless technologies.

DESIGN

- Feasibility studies
- Soil investigations
- Surveys
- Conceptual design
- Hydraulic calculations
- Architectural and structural design
- Load analysis
- Detailed design and technical specifications
- Quality control procedures
- Health and safety, environmental protection requirements
- As built documentation
- Maintenance and operation manuals



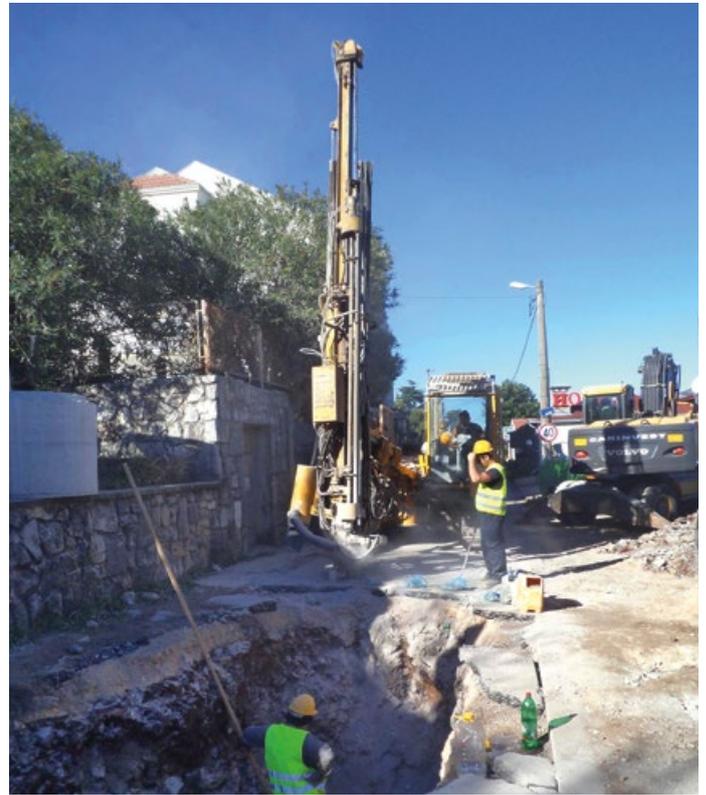
Visualization of water intake with pumping station, Philippines



Survey works, Sri Lanka

EXECUTION

- Earthmoving and landscaping
- Special foundations
- Pumping stations
- Concrete and steel works
- Pipes, channels, manholes and chambers
- Supply and installation of fittings and hydraulic equipment
- Mechanical works



Tivat, Montenegro

ADDED VALUE

- Quality control during execution
- Health and safety control
- Environmental protection measures
- Inspections, testing and commissioning
- Theoretical and practical familiarization program for sustainable and reliable operation
- Assistance for management, operation and maintenance



Manila, Philippines



Osh, Kyrgyzstan



Ludwig Pfeiffer

Your reliable business partner

As a leading full service EPC Contractor in the water sector, we strive to create tailor-made solutions according to high quality standards to suit our clients' needs. We respond successfully to challenges and requirements of international tenders in order to comply with FIDIC contract conditions (Silver, Yellow or Red Book) set by the international investment agencies financing our clients' projects.

Ludwig Pfeiffer's history of more than 80 years and our long term partnerships with clients, institutions, and suppliers guarantees you high reliability as your partner for durable investments and strategic projects.

We always aim to build networks and facilities which operate efficiently and at the same time are implemented with respect to environmental protective measures. Our operations comply with the most stringent health and safety regulations.





Hong Kong, Peoples Republic of China

Potable Water

Water Mains & Distribution

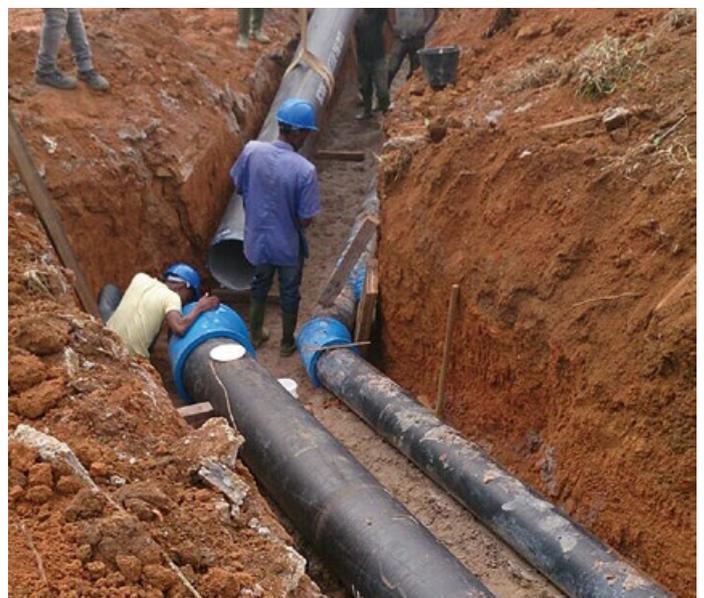
Clean, accessible water for all is one of the Millennium Development Goals set by the United Nations. In order to achieve this, there are two approaches not excluding each other:

- Building new water supply networks (or extending existing ones) to connect people without access to potable water
- Rehabilitation of existing networks in order to reduce leakages and losses

OUR RANGE OF SERVICES

- Transport pipelines, local networks, individual house connections
- All materials, pressure classes and nominal pipe diameters
- Plant construction in water supply system and distribution stations

For more than 80 years, Ludwig Pfeiffer is building new and rehabilitating existing water supply networks, applying state of the art technology. Therefore we are eager to help our clients and partners to implement this Millennium Goal.



Ebolowa, Cameroon

Wastewater

Clean Environment

In order to conserve and protect our environment and to prevent the pollution of soil and underground water, the first step is the collection and drainage of wastewater. Our core competencies are building sewers from small to large diameters, deep trenches as well as sophisticated linings, including special profiles.

This makes us your preferred and reliable partner for any kind of sanitation project.

OUR RANGE OF SERVICES

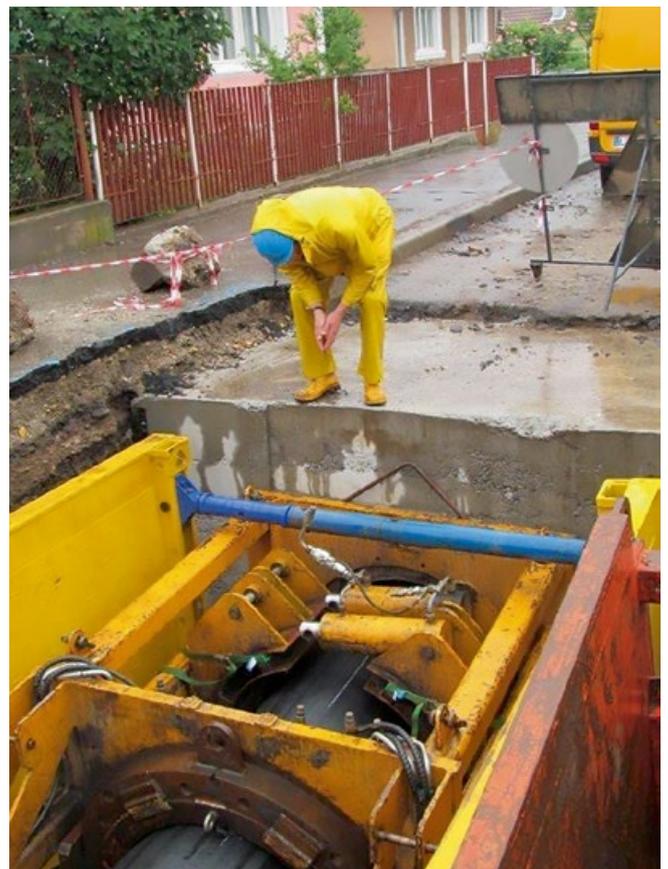
- Large diameter sewer and stormwater pipelines
- Primary and secondary sewer and stormwater networks including house connections
- Wide range of materials employed (e.g. HDPE, PVC, corrugated PP, GRP, RC, clay) for all known commercial nominal diameters and pressure classes
- Auger boring equipment



Manila, Philippines



Yardimli, Azerbaijan



Baia Mare, Romania

Gas

New construction and renovation

OUR EXPERIENCE

- Low-, medium- and high-pressure pipes
- Local networks and district pipelines
- Landfill gas collectors
- All necessary qualifications and certificates
- Experienced, highly qualified welders
- State-of-the-art equipment
- Repairing, maintaining and fixing faults in gas networks (master agreements possible)



District heating

For your comfort

Ludwig Pfeiffer handles multi utility urban infrastructure projects for municipal gas distribution and steam/hot water district heating facilities.

We provide our experience to design and build cost efficient and highly effective heating systems from surplus heat produced from boilers of power stations or industrial facilities to collect and transport hot water through a network of underground pipes to the individual users.



Berlin, Germany

YOUR BENEFITS

- Underground cooling, steam, local and district heating networks
- All materials, pressure levels and nominal pipe diameters under one roof
- Construction of all buildings required for the project
- Repairing, maintaining and fixing faults in district heating networks (master agreements possible)
- Environmentally friendly heat generated from wastewater using heat exchangers
- Experienced, highly qualified welders



Leipzig, Germany

A worker in an orange safety suit is operating a large industrial machine, likely a tunnel boring machine (TBM), in a dark tunnel. The machine's large, curved metal components are illuminated by bright lights, creating a strong contrast with the dark surroundings. The worker is holding a long metal rod or tool, and the overall scene conveys a sense of industrial scale and human effort in a confined space.

We are taking care
of our future



As your single source supplier, Ludwig Pfeiffer will always be there for you even after the project has been completed.

YOUR BENEFITS

- Planning, implementation, follow-up and service – your single source partner
- 24/7 guaranteed service availability in case of an emergency
- Repairing, maintaining and fixing faults in district heating networks (master agreements possible)
- We remain in contact even after your project has been completed

INTERNATIONAL PROJECTS

Ludwig Pfeiffer co-operates closely with international development banks around the globe to ensure the most urgently needed basic supply is in place.

As an example, we successfully laid 311 kilometers of potable water pipes in Bangladesh's capital Dhaka in 2015. The project was located in an area of difficult soil conditions and heavy traffic. The main goal of this project has been to optimize the transmission and distribution of the local supply networks.



Global and local

The experience of numerous projects worldwide and in our local subsidiaries are a success factor not only for a fast decision making process but also regarding the knowledge of local needs and requirements.

Excellence of our employees is achieved and maintained by constant training programs and courses. This helps us to keep up with advanced technologies and procedures within the industry and to provide our clients with unique services.

Within our international projects we closely cooperate with local institutions, companies and organisations. Many of our projects in low income countries support infrastructure development in order to improve general living conditions.



Yaounde, Cameroon

Certified Expertise

We understand quality as the best possible fulfillment of the performance promises we have given to our customers. Realizing top quality is a result of our continuous efforts and experience and by no means a routine job. We handle your entire project for you – planning, coordination, technology and construction – whether for water, gas, energy or district heating supply or the disposal of wastewater.

A wide range of certificates and licenses is ensuring our engineering and construction excellence. Company compliance with international standards and regulations is ensured by the application of our Quality, Environmental and Occupational Health and Safety Management Systems as received in:

- DIN EN ISO 9001:2008
- DIN EN ISO 14001:2004
- OHSAS 18001:2007





Ludwig Pfeiffer

At your service across the world.



In more than 30 countries worldwide.



Since many years, Ludwig Pfeiffer enjoys an excellent reputation as the reliable partner in the construction industry. We build water and wastewater treatment plants (WTP & WWTP) as well as re-construct, upgrade or extend existing facilities applying energy saving solutions choosing the best available technologies (BAT). Our vast experience ranges from small modular pre-assembled skid mounted units to large centralized treatment plants.

As one of the few full-service providers, our customers profit from our experience to implement projects on a turn-key basis. As an innovative company, we constantly make every effort to apply solutions and technologies our customers benefit most of.



For further inquiries, please contact us!

contact@ludwigpfeiffer.com

LUDWIG PFEIFFER Germany
Lilienthalstraße 33
34123 Kassel
Phone +49 - 561 - 953 470
E-Mail kassel@ludwigpfeiffer.com

LUDWIG PFEIFFER Serbia
Jasenicka 7
11000 Belgrade
Phone +381 - 11 - 3988 130
E-Mail office.belgrade@ludwigpfeiffer.com

LUDWIG PFEIFFER Romania
Str. Aprodul Movila Nr. 15
300397 Timisoara
Phone +40 - 256 - 401 031
E-Mail office.timisoara@ludwigpfeiffer.com

LUDWIG PFEIFFER Georgia
Shavishvili N1a
0186 Tbilisi
Phone +996 - 555 - 090 025
E-Mail contact@ludwigpfeiffer.com

LUDWIG PFEIFFER Nicaragua
Del Gimnasio Ilusiones 1c al Sur Reparto
San Juan Contigu a Oficinas Admon Aldeas SOS
Managua
Phone +505 - 227 00251
E-Mail office.managua@ludwigpfeiffer.com

LUDWIG PFEIFFER Cameroon
Montée Essomba
25292 Yaoundé
Phone +237 - 33002 9438
E-Mail cameroon@ludwigpfeiffer.com

LUDWIG PFEIFFER Philippines
17 Lear Street, Filinvest East
Homes Cinta, Rizal 1900
Phone +63 - 917 - 846 9757
E-Mail philippines@ludwigpfeiffer.com

LUDWIG PFEIFFER Hong Kong
Unit A2-10, 1/F, Phase 2 Hang Fung
Industrial Building, 2G Hok Yuen Street
Hungghom, Kowloon
Phone +63 - 917 - 846 9757
E-Mail hongkong@ludwigpfeiffer.com

More Group locations can be found on our website or by scanning the QR code.

www.ludwigpfeiffer.com

