



PLANT ENGINEERING

Solution provider for cost-efficient
water treatment plants

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PWT supports for all project phases, from the basic design to the construction and commissioning of your plant, as well as, at your request, during operation and maintenance. On site, our specialist staff will ensure the smooth execution of the construction, commissioning and process fine-tuning.

We are aware of the challenges that operational safety, economic efficiency and sustainability involve. That is why we provide you with a contact person, supported by our departments for process technology, automation, mechanical and electrical engineering, as well as our own CAD department, so that we can provide you with the best and most efficient solution.

SIX STEPS TO YOUR PLANT

We design, construct and operate your plant, either as pure plant construction based on your design or as a turnkey project. Whether 1 m³ or 400,000 m³, it is not the size that matters, it is the optimised process.

1

DESIGN

PWT offers you German engineering at the highest level and a fully digitalised and consistent end-to-end design with our modern software tools.

2


CONSTRUCTION

On site, we deploy experienced teams for project and construction management, supported by efficient project management at PWT's headquarters. Everything from a single provider, fitting to your needs.

3

COMMISSIONING

PWT ensures a smooth project completion process by deploying experienced commissioning specialists. During the commissioning phase, we provide all necessary training for your operators and are available for you as a central contact partner.



Construction and operation of a large wastewater treatment plant in Ambarli/Turkey, which treats 400,000 m³ a day from 2,000,000 inhabitants.

4 MAINTENANCE

PWT is also there for you after commissioning for the maintenance, attendance and optimisation of the installed systems.

With modern planning tools, PWT offers continuous integration of design, preparation of documentation and IT-supported maintenance as well as safety instruction.

5 OPERATION

Whether you are a municipal water or wastewater treatment provider, an industrial establishment or an agency responsible for the remediation of contaminated sites - PWT designs, constructs and operates plants for clients of all sectors.

6 OPTIMISATION

The optimisation of your existing plant, from diagnostics, engineering up to construction, PWT is there for you. We optimise your plant regarding process technology, digitalisation, resources, investment, and operating costs as well as sustainability.

YOUR ADVANTAGES WITH PWT



**EXPERTS WITH
EXPERIENCE**



**RELIABILITY
AND SAFETY**



**CUSTOMIZED
SOLUTIONS**



**HIGH
QUALITY**

CUSTOMISED SOLUTIONS FOR YOUR WATER AND WASTEWATER TREATMENT

PWT develops and implements solutions for your water problem – fitting to your requirements, and based on many years of experience as well as extensive references in the most diverse areas of water-related plant construction, for example:

- Drinking water treatment
- Wastewater treatment
- Process water treatment, including cooling and boiler water
- Water recycling, water reuse up to Zero-Liquid-Discharge
- Ground water treatment as part of the remediation of contaminated sites

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