Contact: info@applus.com

Water Infrastructure Engineering

Applus+ has more than 35 years of experience providing water infrastructure engineering and consulting services for governments and private industries.

Our broad experience in infrastructure construction and operation allows us to offer our clients sustainable and cost-effective designs and a wide variety of technological solutions.

THE Applus+ SOLUTION

We provide expert knowledge in water infrastructure engineering and the provision of environmental consulting services and environmental monitoring systems for all kinds of infrastructure projects.

We have extensive experience in water infrastructures, providing global solutions for water supply and sanitation. We act from the preliminary design stage to the operation one. We offer expert consultancy services in many related areas: geotechnical engineering, hydraulic and structural engineering, QA/QC, environmental, and health and safety.

Applus+ has been involved in the development of many water infrastructures in Europe and Latin America, providing consulting engineering support for master plans, feasibility studies, detailed design, building construction supervision, and asset integrity management.

Our water infrastructure services encompass:

- Preliminary design and detailed design for water supply and sanitation networks
- Hydrological studies
- Hydraulic modeling of channels. Floodplain studies
- Projects for hydraulic conditioning of channels and protection against floods

- Specific studies: flow studies and hydraulic calculations
- Sanitation plans
- Flow monitoring
- Asset inventory
- Asset integrity

Our comprehensive experience in major water infrastructure projects includes:

- Detailed design in wastewater treatment plants, pumping stations, and wastewater transportation systems renewal
- Detailed design for the sanitation, purification, and desalination projects
- Drafting of construction projects for regional sanitation systems
- Detailed design to control flood risks
- Technical support on public sanitation plans and guidelines