



# WATER ENVIRONMENT

Grontmij is an international multidisciplinary engineering and environmental consultancy with over 7,500 employees. We provide consultancy services in the fields of water, building, environment, transportation and systems. In the UK and Ireland over 1000 skilled professionals work from strategically located offices for a range of public and private sector clients.

Current legislation including the Water Framework Directive and issues such as global warming mean that the interplay between water and the environment is now of critical importance. Grontmij has a wide ranging multidisciplinary technical and project management skills to meet the needs of clients with minimal impact to the environment.

## Water Resources

Grontmij has the depth of skills and knowledge to deliver the full range of water resources services to both public and private clients. Our extensive portfolio includes commissions with water utilities, regulators, British Waterways, local authorities, developers and private abstractors.

## Rivers and Coastal Engineering

Grontmij's rivers and coastal team has in-depth experience of feasibility studies, optioneering, modelling and the detailed design of waterways and coastal structures such as harbours, tidal barriers and locks. Team members have worked on projects throughout Europe, including the UK's first canal link for over 100 years.



## We work with our clients in the areas of:

- Water resources
- Hydrology and hydrogeology
- Dams and reservoirs
- Flood risk assessment, hydraulics and river modelling
- Drainage impact assessment and SUDs
- River & canal engineering
- Hydro-ecological monitoring and ecology
- Coastal engineering & modelling
- River basin management planning
- Integrated catchment management
- Environmental impact assessment

## Water Framework Directive / Integrated River Basin Management

Grontmij has an extensive track record in all aspects of the implementation of the Water Framework Directive. Projects have been successfully delivered to a wide range of clients including water utilities, national environmental bodies, local authorities and central governments throughout Europe.

## Flood Management

Grontmij has specialist teams with extensive experience of flood risk management. This experience covers flood risk and consequence assessments, as well as the optimisation of measure that can be used to manage and mitigate flood risk, integrated urban drainage, climate change analysis and the design of flood risk mitigation schemes.



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