



ENGINEERING RESILIENCE IN EVERY DROP

Water

Water is our planet’s most precious resource, and we are here to safeguard it. The water sector has a responsibility to deliver solutions that build more resilient, prosperous, and safe communities. With global water expertise, local insight, and cross-industry experience, we offer the big-picture thinking that drives innovative solutions. Our diverse skills and experience ensure ambitious ideas, improved funding certainty, and profitable outcomes. Using advanced digital tools, we process vast data quickly, giving clients timely insights for confident decision-making.

Water projects may differ – in geography, environment, funding, and regulatory requirements – but our aim is always the same: to generate optimal outcomes for our clients while helping them consider every person and every drop.

Every drop, every life

We treat water like the irreplaceable resource it is, engineering smart, lasting solutions that meet client needs while ensuring project profitability. Whether supporting a specific stage or managing the entire project lifecycle, we tailor our approach to each of our client’s unique needs. Beyond traditional engineering, we lead in biodiversity net gain, write guidance for water companies, and advise regulators. Our expertise helps clients make investment decisions that maximize value.

Data-driven, customer-led

Our data-driven approach and innovative thinking ensure we understand the problem before proposing solutions. By leveraging cutting-edge digital tools, we provide clients with the right data at the right time, enabling confident decision-making. Drawing insights from across industries, including rail, roads, power & renewables, we tackle challenges with fresh perspectives, prioritizing water recovery and reuse.

Global expertise, local insight

With global engineering and project management experience, we deliver water projects worldwide, combining global thinking with regional expertise. Many of our people have deep industry knowledge from years in the water sector, giving us unique insight. We collaborate across disciplines and industries, sharing ideas and solutions to tackle shared challenges. By anticipating industry shifts, we help our clients navigate future scenarios, always aiming for optimal outcomes that benefit our planet and its people.

Our water services include:

- Asset optimization
- Bioresources
- Digital Asset Management
- Environment & ecology
- Environmental & regulatory compliance
- Infrastructure design & rehabilitation
- Integrated Catchment Management (ICM)
- Integrated water resource planning
- Resilience & sustainability planning
- Stormwater management
- Sustainable Drainage Systems (SuDS)
- Transport & distribution
- Treatment, collection, disposal and sludge management
- Water resource management
- Supply & distribution

A snapshot of our projects



Back River Wastewater Treatment Plant, US

Bringing legacy infrastructure into the digital age.
[Find out more](#)



Beckton Wastewater Treatment Works, UK

Optimising performance with a Digital Twin.
[Find out more](#)



Bridgwater Tidal Barrier, UK

A digital design solution to engineer net zero.
[Find out more](#)



Eastern Road Coastal Scheme, UK

Specialist cost management service for coastal protection schemes.
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Green Blue Network Strategy for the City of Edinburgh, UK

Mapping the vision for a sustainable city.
[Find out more](#)



Harris County Flood Control District Asset Management Program, US

Reducing the impact of flooding.
[Find out more](#)



Las Vegas Valley Flood Control Master Plan, US

Leading the way in flood control innovation.
[Find out more](#)



Las Vegas Wash Channel Improvements, US

Engineering resilience, protecting communities.
[Find out more](#)



Old Tampa Bay Water Quality Improvement Project, US

Transforming challenges into sustainable solutions.
[Find out more](#)



River Thames Scheme (RTS), UK

Transforming flood risks into resilient solutions.
[Find out more](#)



Rock Street Flood Alleviation Scheme, UK

Ensuring safety, enhancing resilience.
[Find out more](#)



Thames Water Technical Partner Framework, UK

The UK’s largest strategic water resources program.
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Engineering a better future for our planet and its people

We're AtkinsRéalis, a world-class engineering services and nuclear organization. We connect people, data and technology to transform the world's infrastructure and energy systems.

Together, with our industry partners and clients, and our global team of consultants, designers, engineers and project managers, we can change the world and engineer a better future for our planet and its people.



Find out more
about our
water capability:

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