



PROCESS & WATER



DELIVERING **TOTAL ENGINEERING**



OUR PROCESS & WATER SERVICES

Trant provide high quality engineering and project delivery services to the municipal & industrial process & water treatment markets in the UK and Internationally. We have 60 years' experience in the successful delivery of complex water, wastewater and process treatment solutions for the main UK process & water companies.

We develop innovative, cutting edge process and water solutions using advanced technology. Working closely with our technology partner SFC Umwelttechnik, we are able to utilise proven advanced technology resulting in optimal solutions for our water and process industry clients in the UK and internationally.

Our in-house design teams understand the stringent regulatory challenges faced by our clients and ensure that efficiency, resilience and sustainability are factored into all design solutions. Our design studio use the latest software including BIM, augmented and virtual reality to develop and detail high tech treatment process outputs.

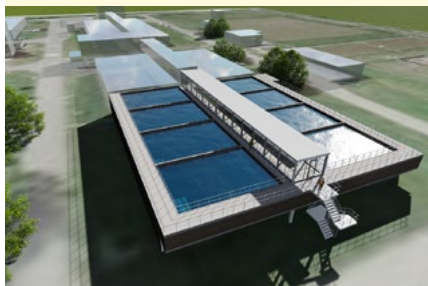
Our control & automation and offsite manufacturing & assembly facilities enable us to provide full in-house capability from project conception through to commissioning.

Concept



- Due diligence
- Stakeholder engagement
- Design optioneering
- Operation & process impact assessment
- Technology selection

Feasibility



- Option selection
- Concept design
- High-level budget estimates
- Financial modelling & value engineering
- Project life cycle costings
- Regulatory compliance
- Asset performance requirements

Definition



- Detailed design
- Planning
- Customer care impact analysis
- Permitting
- Cost models
- Compliance planning
- Partner selection
- Contract format and award
- Concept of commissioning (B to A)

Implementation



- Project management
- Governance & gateways
- Robust programme management & reporting
- Detailed design (BIM)
- CDM
- Manufacture
- Installation & procurement
- On/off Site manufacture & testing
- Commissioning
- Handover

Operation



- Detailed operation and maintenance data
- Specialist operation training and support
- Increased business performance
- Improved assets



About Trant Engineering

Our mission is to be the first choice Engineering Procurement and Construction Company for our clients in the UK and overseas.

Our clients can benefit from an extensive range of in-house services including process, MEICA and civil design, Offsite Manufacture & Assembly, Instrumentation Control & Automation products and Commissioning services. This internal capability allows us offer innovation and efficiency to the whole life cycle of EPC projects across all our sectors.

Our fully Integrated Management Procedures with dedicated gateways and managerial swim lanes ensures the technical and commercial health of our projects. These robust procedures give us the ability to deliver complex work programmes in the most challenging and regulated work environments.

Clients can be assured of our commitment to complete their project to high specification, with zero incidents and minimal impact on their operations and neighbouring environment.

Services



Innovation Design & Solutions



Automation Control & Technology



Offsite Manufacture & Assembly

Sectors



Process & Water



Energy



Oil & Gas



International

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