

**Innovative Utilities**

(UK)



**Providing Water & Wastewater  
Infrastructure Solutions**

**Design & Build**

*part of*  **IU(UK)  
GROUP**



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# About Us

**Innovative Utilities** provides end-to-end water and wastewater infrastructure solutions for developers across the UK. Our team supports every stage of your project – from early technical assessments and compliant design, through to construction, testing, and adoption.

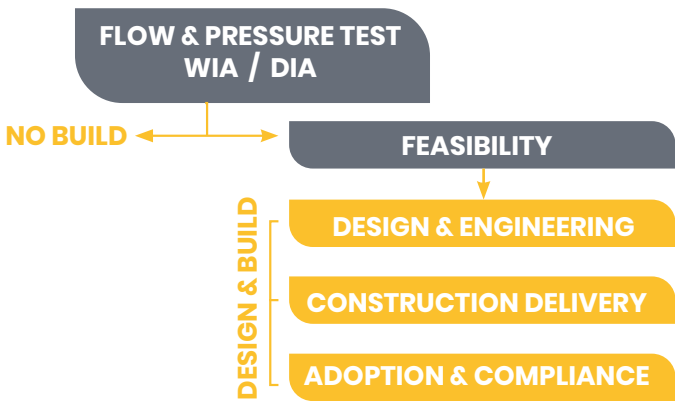
We help developers reduce risk, avoid delays, and deliver high-quality assets that integrate seamlessly into your wider build programme.

- ✓ we provide a dedicated account lead offering continuity and clarity
- ✓ we have proven project delivery professionals
- ✓ we provide value for money solutions
- ✓ we manage the project from the first idea to handover

**We understand each developer's commitment to quality, safety, and exceptional customer experience. Our approach mirrors that standard, delivering infrastructure that supports high-quality homes and smooth handovers.**

# Where we Differentiate

This first step is essential because it is where major cost-saving opportunities can be unlocked. Through thorough assessment and planning, we frequently demonstrate that network upgrades aren't required—saving time, reducing risk, and avoiding unnecessary investment.



# ROADMAP

## PRE-DEVELOPMENT ASSESSMENT & PLANNING

**Required outcome:**  
A clear, confident understanding of what infrastructure is required – preventing surprises, delays, or unplanned costs.



## DESIGN & ENGINEERING

**Required outcome:** A fully compliant cost-effective design that can be delivered quickly on site and is ready for regulatory approval.



## CONSTRUCTION & DELIVERY

**Required outcome:** Infrastructure delivery safely, to specification, and without delaying housebuilding or sales targets.

## ADOPTION & COMPLIANCE

**Required outcome:** Fully adopted, compliant infrastructure – removing long term risk for the developer and ensuring smooth site closure



## SERVICES INCLUDE

- » Water impact Assessments (WIA) and Drainage Impact Assessments (DIA)
- » Flow & pressure testing
- » Feasibility reviews and early-engagement planning
- » Identification of network constraints and cost-saving alternatives



# Pre-development Assessment & Planning

**By far the most important stage, we will provide the insight you need before committing to design or construction.**

## Required Outcome:

A clear, confident understanding of what infrastructure is required – preventing surprises, delays, or unplanned costs



## SERVICES INCLUDE

- » Water impact Assessments (WIA) and Drainage Impact Assessments (DIA)
- » Flow & pressure testing
- » Feasibility reviews and early-engagement planning
- » Identification of network constraints and cost-saving alternatives

## Water Impact Assessments (WIA)

We evaluate local water network capacity to confirm whether your development can be supported without upgrades, ensuring early clarity and preventing costly surprises.

## Drainage Impact Assessments (DIA)

We assess wastewater network performance to identify capacity, constraints, and required upgrades, giving developers clear direction before design or planning submission.

## Flow and Pressure Testing

We carry out on-site tests to confirm real network performance, ensuring reliable data for accurate design, compliance, and predictable customer water service.

## Feasibility and Early-Engagement Planning

We review site conditions, constraints, and infrastructure options early, enabling informed decisions, reduced risk, and a smoother route to planning approval.

## Network Capacity Reviews

We analyse existing water and wastewater networks to identify limitations, enabling developers to plan effectively and avoid delays during technical approval stages.

## Cost-Saving Design Alternatives

We propose value-engineered solutions that reduce unnecessary upgrades, minimise construction costs, and maintain full compliance with Scottish Water standards.

# Design & Engineering

**We produce fully adoptable, technically robust designs that accelerate approvals and reduce risk.**

## Required Outcome:

Compliant, efficient designs that support smooth construction and future adoption.

## SERVICES INCLUDE

- » Water & wastewater network design
- » Standardised pumping station design
- » Rising mains, sewers & drainage connections
- » Value-engineered solutions
- » Design submissions for Scottish Water technical acceptance

- ✓ Single source supplier
- ✓ Stakeholder & Environmental Management



## Water Impact Assessments (WIA)

- We evaluate local water network capacity to Water & Wastewater Network Design
- Design of clean water and wastewater networks, including capacity assessment and hydraulic modelling.
- Development of potable water, foul, and surface water network layouts tailored to site demands.

## Standardised Pumping Station Design

- Creation of compliant, repeatable pumping station designs aligned with Scottish Water requirements.
- Efficient, template-based pump station solutions ensuring consistency, cost control, and ease of approval.

## Rising Mains, Sewers & Drainage Connections

- Engineering of rising mains, foul sewers, and surface water drainage connections from concept to approval.
- Full design of pumped and gravity systems, including drainage interfaces and developer connections.

## Value-Engineered Solutions

- Cost-optimised design options that reduce construction spend while maintaining performance and compliance.
- Practical engineering alternatives that minimise risk, simplify buildability, and improve whole-life value.

## Design Submissions for Scottish Water Technical Acceptance

- Preparation and submission of technical design packages for Scottish Water review and acceptance.
- Management of all design-stage engagement with Scottish Water, ensuring timely technical approval.





# Construction & Delivery

**We manage the complete installation of water and wastewater infrastructure.**

## Required Outcome:

Safe, reliable and on-programme delivery that keeps your development moving.

### SERVICES INCLUDE

- » Civil, mechanical and electrical installation
- » On-site and off-site utility upgrades
- » Pumping station build and fit-out
- » Managed connection works
- » Programme-coordinated construction

✓ **No change of project manager, one project management as a single point of contact from cradle to grave.**

### Civil, Mechanical and Electrical Installation

- Delivery of civil, mechanical, electrical and MEICA installation works
- Complete civils, mechanical and electrical construction and fit-out
- Integrated MEICA and civil engineering installation services

### On-Site and Off-Site Utility Upgrades

- Enhancement of utility infrastructure both within and outside the development boundary
- Upgrades to on-site and off-site water and wastewater networks
- Utility reinforcement works across site and network interfaces

### Pumping Station Build and Fit-Out

- Construction, installation and commissioning of pumping stations
- Full build, mechanical/electrical integration, and commissioning of pump stations
- Pumping station civils, MEICA installation and full asset fit-out

### Managed Connection Works

- Coordinated delivery of all water and wastewater connection activities
- Fully managed developer connection services
- Supervised connection works ensuring compliance and seamless integration

### Programme-Coordinated Construction

- Construction activities planned and aligned to the project programme
- Delivery sequenced to suit project timelines and minimise disruption
- Programme-driven construction management ensuring efficient workflow

# Adoption & Compliance

**We ensure all infrastructure is ready for transfer into Scottish Water ownership.**

## Required Outcome:

Fully compliant, adoptable assets that remove long-term liability from the developer.

### SERVICES INCLUDE

- » As-built records and technical documentation
- » Commissioning & testing
- » Issue resolution prior to vesting
- » Submission management and liaison
- » Full support from installation to final sign-off

### As-built records and technical documentation

- Preparation and collation of all required as-built drawings, asset data and supporting technical information for Scottish Water review.

### Commissioning & testing

- Completion of all functional testing and commissioning activities to demonstrate asset performance and compliance with standards.

### Issue resolution before vesting

- Identification and closure of defects or outstanding items to ensure assets meet adoptable condition before submission.

### Submission management and liaison

- Handling all paperwork, submissions, and communication with Scottish Water to progress the vesting process efficiently.

### Full support from installation to final sign-off

- End-to-end guidance through the entire adoption journey, ensuring a smooth transition with no outstanding developer liabilities.

✓ **Asset Vesting**



# Why Choose Us?



## Strong Foundations & Early Clarity

- ✓ A structured pre-development review and planning phase, producing a clearly defined scope shaped collaboratively by design and construction specialists.
- ✓ Early involvement from our delivery experts, enabling a “right first time” approach and eliminating avoidable spend.
- ✓ Fewer technical and planning obstacles through proactive design integration and early risk identification.

## Sector Expertise Across the Water Cycle

- ✓ A proven history of delivering development works spanning every stage of the water cycle.
- ✓ Skilled delivery personnel with extensive, hands-on knowledge of Scottish Water systems, suppliers, and procedures.

## A Tailored, Client-Focused Service

- ✓ A dedicated delivery team supported by a single, accountable client interface managing all stakeholder coordination.
- ✓ A service built around your requirements, ensuring solutions that fit your project—not ours.
- ✓ Clear, straightforward communication with one trusted partner responsible for coordination.

## Reliable, Value-Driven Project Delivery

- ✓ Confidence that your entire project is managed by an experienced and dependable team from start to finish.
- ✓ Practical and innovative approaches used to optimise designs, reduce unnecessary cost, and maximise value.
- ✓ Predictable, consistent project outcomes delivered through experienced governance and control.
- ✓ Lower programme risk, supported by robust planning and coordinated delivery.
- ✓ Reduced long-term costs through more efficient, future-proofed design.

## Smoother Progression & Reduced Delays

- ✓ Quicker approval processes and smoother progression through build stages.
- ✓ Lower management overheads, ensuring a cost-effective and value-driven service.

**Streamlined.  
Integrated.  
Cost efficient.**

**A Design & Build model that outperforms management contracting at every stage**

# Contact Us

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