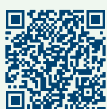




Grundfos Innovation in Action – Early Access Program for Utilities

Robust, intelligent software for sewer network control.

Grundfos is seeking up to five UK utilities to join an exclusive Early Access Program for a proven dynamic, software based, sewer network management solution.



Learn more at
grundfos.com/sewercontrol

GRUNDFOS 

Possibility in every drop

The Problem: Combined Sewer Overflows

Many cities utilize combined sewer systems, where rainwater and wastewater are conveyed through the same pipes. During heavy rainfall, these systems can quickly become overloaded. When that happens, untreated sewage is discharged into rivers, lakes, or even city streets to prevent backups into homes and businesses.



Ideal Utility Partner

Grundfos is seeking up to five UK utilities to join an exclusive Early Access Program for a proven, dynamic, software-based sewer network management solution.

Your wastewater utility may be a great fit if it:

- Has existing storage and control infrastructure (e.g., CSO tanks, lagoons, tunnels, or basins as well as controllable valves or pumps)
- Is actively addressing or highly interested in solving CSO challenges
- Has recent CSO-related activity, such as regulatory attention, infrastructure investment, or pilot projects
- Have SCADA monitoring flows and levels on the storage infrastructure that they would like to control
- Is willing to showcase implementation success through publications, case studies, or site visits

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These events, known as Combined Sewer Overflows (CSOs), are a serious concern for public health, environmental protection, and regulatory compliance.

To reduce overflows, utilities are often expected to build large and expensive infrastructure, such as tunnels and storage tanks — projects that can take years and cost millions of pounds. What if we could complement these projects with smarter solutions? What if we could reduce overflows without large infrastructural investments? This is the vision with our new Grundfos innovation.

Early Access Program Overview

Grundfos is introducing a field-tested European technology to the UK wastewater sector.

This invite-only program offers a low-risk, high-support opportunity to evaluate a dynamic control system that unlocks hidden capacity in your existing network.

Join Grundfos Innovation Program: Optimize control of your sewer network

This innovation is a predictive, real-time control system that transforms static sewer network operations into dynamic, optimized performance.

**Early
Access
Program**

– Powered by
Grundfos

Early Access Offer

Fixed Price: **£30,000** | Duration: **6 Months** | Offer includes:

- ✓ Installation of software on your server using industrial standard, secure and reliable communication protocols
- ✓ Monitoring of 2–3 significant rainfall events
- ✓ Development of a simplified hydraulic model of your sewer network
- ✓ Performance comparison between existing and optimized control strategies
- ✓ Delivery of a Value Assessment Report, including:
 - Estimated CSO reduction
 - Recommended implementation strategy

Key Benefits

- Achieve up to 30% CSO reduction using your current infrastructure
- No need for high-performance computing or custom hardware
- Fully on-site deployment
- Powered by proven modelling and optimization algorithms
- Runs autonomously, with built-in safety mechanisms
- Easily scalable to complex or expanding networks

Why Participate?

- Achieve regulatory compliance more cost-effectively
- Delay or reduce large capital investments
- Improve system resilience and public trust
- Help shape the future of smart control in UK wastewater utilities

Next Steps

To express interest in joining the Early Access Program, please contact us.

Contact

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Tested in lab — Proven in Europe



This solution has been tested in Grundfos Innovation Lab and implemented in various European municipalities, demonstrating its practical effectiveness in real-world applications.

Implementation of this solution has significantly reduced sewage system overflows, improving public health and environmental conditions.

