CASE STUDY

SISK

ABOUT

Founded in Cork and family-owned **Sisk** is an innovative, international, construction and engineering business with a long-term vision and over 165 years in operation. Sisk employs approx. 2,500 people and is Ireland's leading provider of construction services with extensive operations across Ireland, the United Kingdom and mainland Europe with the track record, scale and capacity to successfully undertake large, complex multidisciplinary programmes. Sisk is recognised by global clients as a world leader in safe delivery. Sisk delivers projects and programmes in key sectors such as Data and Technology, Pharmaceutical and Life Sciences, Infrastructure, Transportation, Healthcare, Commercial, Residential, Retail, Industrial, Leisure, Education and Energy. The company partnered with **SMART FLOW** to implement water monitoring technology across its sites in Ireland, the UK, and Europe.

The goal was to prevent water damage, protect assets, minimize insurance claims, and enhance operational efficiency while reducing environmental impact.

THE CHALLENGE

The construction sector faces significant risks and costs due to water damage, with studies showing that **60% of construction sites experience leaks**, often resulting in expensive repairs and delays. To address these challenges and achieve its sustainability targets, Sisk sought a cutting-edge water monitoring solution that would align with their 2030 Sustainability Roadmap, including a goal of **reducing potable water intensity by 50% by 2025** (based on 2019 levels).

THE OUTCOME

- **Reduced water consumption by over 4.5 million litres in 2024.**
- **Early detection and resolution of water-related incidents, minimizing damage and costs.**
- **Alignment with BREEAM and other sustainability goals, supporting Sisk's commitment to environmental stewardship.**
- **Enhanced operational efficiency and asset protection across projects.**

£9,500 saved per year

4.3 M litres saved per year

CO_2 12,9 tons of CO2 per year

"SMART FLOW meters can help us avoid site and material damage and costly repairs at key stages of projects, leading to a reduction in insurance claims costs. This proactive approach underscores our commitment to efficiency, cost savings, and environmental stewardship at every stage of our projects. These advanced meters deliver real-time, hourly data, allowing us to comprehensively analyze daily and weekly usage patterns, even during off-hours, and optimize water use."

Alan Cawley
Senior Sustainability Manager at Sisk