# Sustainability Case Studies

CASE STUDY
# Sasaki

## Sustainable rehabilitation of water systems

In collaboration with the landscape architects at Sasaki, Addnode Group's subsidiary Symetri, in the Design Management division, has played a crucial role in the rehabilitation of University Lakes in Louisiana, USA.

The project will create a more viable and resilient urban environment by building a more sustainable aquatic system, increasing flood protection, improving the natural habitat, and enhancing the recreational environment of a lake system that dates back to the 1920s.

**NEED**
Challenges with their existing hydraulic modeling software led Sasaki to tap into its strategic partnership Symetri.

**SOLUTION**
Symetri helped develop, manage and optimize workflows for their projects and provide ongoing training and mentoring with Autodesk InfoDrainage, as a design and analysis solution.

**SUSTAINABLE BENEFITS**
The collaboration between Symetri and Sasaki has resulted in significant technical and environmental efficiencies, which in turn has made it possible to create a long-term sustainable urban environment for future generations in the area.

*Symetri creates and provides digital solutions and services for design, engineering, construction, and manufacturing businesses. Symetri empower people to work smarter for a better future by ensuring they have access to the expertise and technology they need to improve their performance and sustainability.*

*Sasaki is a multidisciplinary design, architecture, and engineering firm. As a pioneer of integrated design, Sasaki operates globally with three core divisions – architecture and interiors, civil engineering and landscape, and planning and urban design. With interdisciplinary expertise, the firm navigates a diverse range of projects, spanning campuses, parks, public spaces, and corporate sites.*

ADDNODE GROUP

CASE STUDY
# Glaston

DIVISION
Product Lifecycle Management

## Efficiency improvements in the glass industry

Addnode Group's subsidiary Technia, in the Product Lifecycle Management division, has entered a partnership with Glaston to improve efficiency in the glass industry.

By providing technologies that enable the processing of glass into safe and energy-efficient glass, Glaston offers solutions for the architectural, mobility, display and solar industries.

### NEED
Glaston faced the challenge of managing extensive operations in multiple countries, while also needing to optimize resource usage and maintain high quality standards.

### SOLUTION
Technia's solution included a system for optimized design processes and product data management, as well as introducing a global license pool. The license pool ensured access to up-to-date product models, reduced excess external software licenses, and led to significant cost savings.

### SUSTAINABLE BENEFITS
The collaboration has not only enabled Glaston to deliver high-quality, sustainable and innovative products, but has also had a broader positive impact for more efficient work methods. This in turn supports global sustainability goals such as better energy efficiency and reduced emissions.

*Technia, an Addnode Group company, is a global provider of solutions for digitalizing product lifecycles – from idea, design, simulation and manufacturing to sale, aftermarket, and repurposing. For Technias customers, the benefits are shorter lead times, greater innovation, and increased efficiency and traceability, making product creation sustainable.*

*Glaston, a provider of smart glass processing technologies and services, provides manufacturers across the architectural, mobility, display, and solar energy sectors. Glaston drives innovation by integrating intelligence into glass technologies and prioritizes sustainability through improved energy efficiency, automation, and safety.*

ADDNODE GROUP

CASE STUDY
# Avfallskollen

**DIVISION**
Process Management

# Digital tool streamlines hazardous waste management

In collaboration with the City of Stockholm's Environmental Administration, Addnode Group's subsidiary Sokigo, in the Process Management division, has developed Avfallskollen, a digital solution that simplifies and improves hazardous waste management.

Municipalities use the tool in their environmental inspections to ensure compliance with EU requirements on sustainable waste management and traceability of hazardous waste.

## NEED
Under EU law, hazardous waste must be traceable and reported to the Swedish Environmental Protection Agency (EPA). Previously, this was a time-consuming process, with inspectors manually requesting information from the EPA's Waste Registry before each inspection.

## SOLUTION
Sokigo developed Avfallskollen, which is integrated with the Waste Registry - meaning inspectors can now quickly and easily access all necessary information concerning the composition, weight and origin of waste.

## SUSTAINABLE BENEFITS
The solution saves resources and streamlines supervision, allowing municipalities and authorities to instead spend more time on improving waste management. It also helps to reduce the risk of spreading hazardous substances and creates more recycling opportunities.

*Sokigo is a product company that provides solutions and services mainly for municipal and public sector based on its own software, complemented by business-specific services. Their solutions aim to benefit the customer's operations and create added value for the customer's customer.*

*The Environmental Administration is the authority responsible for the environment in the City of Stockholm, both outdoors and indoors. The administration actively works to ensure that all Stockholm residents live in a healthy and safe environment. There areas of work are highly varied and can encompass diverse issues such as indoor environments, traffic noise, water issues, chemicals, food hygiene, or air pollution.*

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