



Karlstad secures the future of water supply and wastewater maintenance with HxGN EAM.

At the same time as many municipal water and wastewater systems are becoming older and thus increasingly maintenance-intensive, the demands on capacity and performance are increasing. The Municipality of Karlstad, in collaboration with Prevas, has streamlined and optimized maintenance and planning of the municipality's water and wastewater system through the introduction of HxGN EAM.

HxGN EAM is a web-based maintenance solution that helps enterprises to monitor the condition and performance of their production resources. In the spring of 2023, Prevas was engaged to implement HxGN EAM at the water and wastewater department in Karlstad, which is responsible for ensuring the municipality's residents' access to clean water, and that wastewater is handled according to legal requirements and does not harm the environment.

"We have many water and wastewater facilities, many of which are of an older vintage, and until now we've had also several different ways of managing the maintenance processes," says Veronica Adrian, who heads the water and wastewater department for the Municipality of Karlstad. "Given the increasing need for maintenance, we believe that it's high time to move from the current lists and calendar system to a more coherent, robust and efficient solution."

By introducing HxGN EAM, the Municipality of Karlstad, together with Prevas, has been able to streamline and automate large parts of its maintenance activities. The system makes it easier for staff to plan and schedule maintenance, follow up completed work and monitor relevant maintenance KPIs.

Decision support for future requirements and changes

The Municipality of Karlstad is now strengthening its ability to meet future requirements as HxGN EAM functions both as a maintenance system and as a comprehensive decision support system.

“By offering easily accessible and relevant data, both users and decision-makers can act proactively, instead of spending unnecessary time and effort searching for information,” says Ylva Amrén, business region manager at Prevas. Region West. “HxGN EAM gives the municipality's management and employees the tools to implement measures and make decisions that benefit the organization in the long term.”

Adapted solutions

Prevas has also adapted the solution to meet the municipality's high requirements for security authorization when integrating into the existing IT environment.

“Our job is to understand the organization's challenges, goals and perspectives in order to create valuable solutions,” says Ylva Amrén “Through close and committed collaboration, we can deliver a solution that helps our customers achieve their goals, rather than just selling a product.”

In the long term, the Municipality of Karlstad will also include the utility systems in HxGN EAM, and they see potential in using the system for inventory management, finance and asset management in the future.

More about the [collaboration between Prevas and the Municipality of Karlstad](#).

Caption: Operations technician David Andersson and operations engineer Stefan Eriksson, wastewater unit, at the bio stage at Karlstad's largest treatment plant, Sjöstadsverket.

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About Prevas

Prevas is a development hub with ingenuity at its core. With strong technical expertise and thorough business understanding, we help customers from a wide variety of industries to benefit through continuous technological innovation. Good for people, the planet and profits. Prevas was established in 1985 and currently has 900 employees in Sweden, Denmark and Norway. Prevas has been listed on NASDAQ Stockholm since 1998. For more information about Prevas, please visit www.prevas.se.