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Claros™ – The Water Intelligence System

The Claros platform is organized into three themes: **Instrument Management** is the practice of ensuring that customers Hach probes, sensors, and analyzers are properly maintained, that customers are working proactively, not reactively. Instrument Management is driving the health and operations of your customers' plants. **Data Management** is the organization and analysis of data collected from the plant and field and monitored within the plant; data that is important to interpret and report to ensure that your customers' plant is meeting regulatory compliance. **And, Process Management** (RTC) is where this all comes together to ultimately lead to the efficient and effective plant management through optimization and smart processes. RTC solutions consist of standardised feed-forward- and/or feed-back control modules, which are specifically designed for the requirements of biological sewage treatment to optimise various subprocesses of wastewater treatment. This ensures that the plant always meets the required effluent consent while minimising operating costs.

Sales representative and CLAROS specialist. Before joining HACH, I was a wastewater microbiologist for 9 years. In this role I have visited most of the Hungarian, Slovakian, and Romanian wastewater treatment plants. I researched the correlation between the sludge properties and operational costs, and safety. I have gained many experience in municipal and industrial plant optimisation, that is very helpful in my role today. At HACH in the last 3 years I have learned a lot about the high quality of online measurement systems, that is obviously mandatory of real time process controll. HACH process optimisation system (RTC) supports the operating company to use only the necessary resources, and to gain the highest operational safety, and environmental value.