

RBS wave manages your most valuable assets, your resources

Managing resources successfully has never been more important than today. RBS wave, a leading expert for highly specialised engineering services and consulting, supports their clients when it comes to energy, water and infrastructure.

TEXT: MARILENA STRACKE | PHOTOS: RBS WAVE

RBS wave is a company stemming from the EnBW Energie Baden-Württemberg AG and has continuously built its expertise for energy, water and infrastructure during the past decades. The team of over 130 employees delivers engineering services to local authorities, public utilities providers, municipal special-purpose associations and to the industrial sector.

Erwin Kober, technical director of RBS wave, says: "Our integrated approach when developing public and industrial utility infrastructure, from consulting and strategic asset management to the planning and realisation of infrastructure projects through our engineering, creates great added value for our clients."

He explains further that the complexity the area naturally entails is reduced as RBS wave is a continuous consultant throughout entire projects. "At the same time, we support our clients to link their ecological and economic goals perfectly," financial director Frank Tarnowski adds.

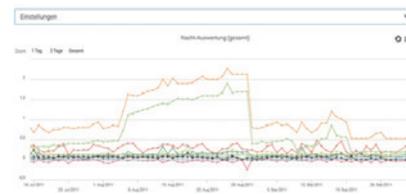
A great example to highlight RBS wave's expertise is their LeakControl system for water providers to monitor water loss. Using state-of-the-art ultrasound technology, LeakControl records the flow inside pipes. By monitoring the flow rate at hydraulically relevant points within the network, a leakage can be detected and is then allocated to a so-called 'virtual zone'. The cloud software LeakFinder can narrow a leak's location down through a mathematical analysis of forecast data with the actual measurements based on a hydraulic model. This reduces the area of a potential leak in the network substantially and hence also minimises efforts to find it.

Kober explains more features: "The control system of the LeakControl station processes the logged data and sends it to the server. Depending on the requirements, the data can be evaluated via an internet interface, the client's own control system or with web server software. In addition, the system's module-based structure makes it

possible to also integrate already existing measurements into the monitoring process." The system is a great way to keep water losses low with minimum effort.

With their innovative holistic approach, RBS wave is generally an excellent partner for companies that are ready for smart solutions to maintain resources efficiently, optimise their processes and use the latest technology to bring their businesses into the future.

www.rbs-wave.de



Left: The cloud software LeakFinder.
Right: Night analysis LeakControl.
Bottom: LeakControl.

