

DHI and Barthauer introduce new software solution for hydrodynamic sewer simulation

Berlin, Germany, 21 May 2015. DHI Germany and Barthauer Software GmbH agreed in 2013 to cooperate in the field of hydrodynamic sewer simulation. Now, both companies present a new, integrated software solution for hydrodynamic sewer simulation that will be offered in Germany as well as internationally.

DHI has more than 50 years of experience conducting extensive research in the field of water management. This knowledge has been used in more than 140 countries to solve water resources challenges in a conscious and sustainable manner like improving its quality, assessing its impact on the environment, and devising measures and visualising these. DHI strives to make this knowledge available as part of its MIKE Powered by DHI software products. MIKE products are based on globally recognised and proven simulation engines, including hydrodynamic simulations in the field of water resources, groundwater, urban water management, and industry. DHI's MIKE 1D is a state-of-the-art simulation engine for 1D modelling of collection systems. It supports the latest hardware and is an integral part of MIKE URBAN and MIKE HYDRO River.

Barthauer Software GmbH is a leading software manufacturer of integrated asset management systems. The main product of the company, the network information system BaSYS, provides comprehensive tools for managing the entire life cycle of supply and drainage networks, including water, wastewater, and storm water networks, in particular.

'Changing technology and market trends require a continuous effort in terms of development of existing products', says Barthauer Software GmbH CEO Jürgen Barthauer, explaining the reason for the cooperation with DHI. 'My drive is to meet the needs of our customers and to support them through innovation and further development of existing solutions. In addition to our own software development, that includes collaboration with other innovative companies. Only in this way can skills be bundled and efficient new solutions created'. And by introducing an interface to DHI's MIKE URBAN in late 2013, users of the network information system BaSYS, made by Barthauer, can get access to the calculation parameters and results of MIKE URBAN.

The cooperation was further expanded in 2014. Barthauer integrated MIKE 1D using the Barthauer interface ARENA directly in the network information system BaSYS. With this integration, Barthauer provides an innovative alternative for its users. Together with the MIKE products, a seamless workflow has been established enabling users to perform, for example, flood modelling studies. Dr. Richard Vestner, Managing Director of DHI-WASY GmbH sees the combination of DHI and Barthauer technology as an ideal complement. 'Our multi-dimensional modelling software – expanded to include data on asset management – is enhanced by the partnership with Barthauer. Coupled with other relevant information, this really benefits our clients'.

Both companies are innovation leaders in their fields and have several years of experience in software development and maintenance. State-of-the-art software solutions in the field of network management created by Barthauer are complemented by DHI's hydraulic solutions. Both Barthauer and the MIKE products support a variety of different languages. With a network of offices worldwide, DHI provides active water, waste management, and service companies access to Barthauer's BaSYS, internationally. 'With DHI, we have gained a stable partner with a similar company philosophy. This is important for long-term cooperation. With MIKE 1D, we can now offer our comprehensive solution package BaSYS, used for managing supply and disposal networks, with the most competent possible partner in the hydraulic world', said Barthauer. 'The network of DHI offices will also increase access to this joint solution globally'.