

Voith Siemens Hydro

## Over 20 million Euros invested in state-of-the-art hydro power laboratory

**Voith Siemens Hydro Power Generation, together with its customers, partners and employees, celebrated the 100<sup>th</sup> anniversary of its hydraulic laboratory, the Brunnenmühle, in mid-November. "Going Beyond – 100 Years Brunnenmühle" was the claim that expressed clear leadership over time in hydro power technology as pushed by Voith Siemens Hydro.**

The festivities opened up with a hydro symposium, focusing on solutions and opportunities provided by hydro power in the face of current global growth and booming energy demand. On top of that, views of the latest development in hydro power and ocean energies, the increasing importance of sustainability, reliability and environmentally-friendly solutions were key points of the presentations.

The official 100<sup>th</sup> anniversary of the Brunnenmühle was celebrated with an opening ceremony held in Heidenheim on Friday, November 14. Of course there was a birthday gift: a newly equipped laboratory as well

as a new additional office building with an overall investment of more than 20 million Euros. After 18 months of work, visitors saw the extension and enhancement of hydraulic test rigs and new high-performance computers for flow simulation in hydraulic, magnetic, and electrical fields of hydro units.

Friedrich Voith had already started to look at more precise predictions 100 years ago in order to investigate the behavior of hydro machines. He acquired the Heidenheim Brunnenmühle mill and turned it into a hydro turbine testing laboratory. With his construction of an upper reservoir

above the Brunnenmühle, this lab became Germany's first pumped storage plant with an exceptional 100 meters of head for testing of turbines. Back then and today, latest technologies, methods and tools were the basis for development in the Brunnenmühle – making it the world's most modern and high-performing model testing institutions for hydro power.

### Contact



**Marie Luise Leonhardt**  
marie-luise.leonhardt  
@VS-Hydro.com



*The newly equipped laboratory.*



*Festive gala dinner for the Brunnenmühle's 100<sup>th</sup> anniversary.*