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# Challenges and Successes of New HYDROMATRIX<sup>®</sup> Project Developments

## **Abstract**

In the period of 2007 – 2010, ANDRITZ HYDRO has successfully completed the development processes of 3 new HYDROMATRIX<sup>®</sup> reference projects of which one (Chievo Dam, Italy) is in operation and the other two (Lower St. Anthony Falls, USA and Ashta, Albania) are currently under construction.

Apart of a brief description of the three projects, the paper outlines the development process for each project. Similarities, differences and key success factors (technical and commercial) of the three project developments are identified and analysed. Based on the experiences made at Chievo, Lower St. Anthony Falls and Ashta, the paper summarizes the lessons learnt with regards to the development of complex hydropower projects.