

Relocation of the Kempt Estuary for the SBB



As part of the Swiss Federal Railways (SBB) project to increase its railway capacity between the cities of Zurich and Winterthur, we are planning a northward relocation of the confluence of the Kempt and Töss rivers so as to permit occasional floodwaters to flow under the new SBB crossing without flooding the planned Brütten Tunnel. We are also facilitating external physical model tests for testing optimizing our hydraulic engineering project.

Our services

- Hydraulic and bedload calculations
- Designing a new course for the Kempt River with block ramps and a passageway for small animals and convergence with the Töss
- Riverbank and riverbed restructuring
- Accompanying physical model tests
- Testing the robustness of the planned measures with regard to climate change
- Preparing the preliminary, construction and submission project documents

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Client

SBB AG

Facts

Period 2021 - 2035

Project Country Switzerland

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