

**INNOVATIVE HANGING BRIDGE
 IN SIGRISWIL (CH)**

Problem – Challenge

The area around the Lake of Thun, in the “Berner Oberland” is famous for its fantastic landscape and its breathtaking panorama.

In order to valorize these assets, the association “Panorama Rundweg Thunersee” is seeking to develop a unique and continuous hiking path around the Lake of Thun. In this hilly countryside, the path is still interrupted by various deep valleys making its crossing difficult and forcing the tourists to large detours.

Therefore, the association started a competition, to create six new bridges around the Lake. To link Sigriswil with Aeschlen over the Guntenbach asked for the development of a 340m hanging bridge spanning over a valley as deep as 180m.



Solution

The Berne University of Applied Sciences participated in the preparation of the competition and was mandated by the winning consortium to design and detail this unique construction. Architects and engineers worked closely together to develop this unique structure. Challenges such as safety, statics and dynamics have been faced and solved by the design crew. A stiff structure was developed that allows safe crossing for everyone.

This bridge creates a strong connection between the villages of Sigriswil and Aeschlen. It offers land art character to this path with its aerial and minimalistic structure. The bridge was inaugurated on the 14th of October 2012.

