

RIEGL Lidar Data Showcased at Venice Architecture Biennale



RIEGL, the Austria-based laser measurement systems company, is part of the 'Gotthard Landscape: The Unexpected View' exhibition at the Venice Architecture Biennale 2014. Two schools of architecture, the Department of Architecture at the ETH Zürich and the Academy of Architecture in Mendrisio AAM, are presenting the project with support from Pro Helvetia.

The Gotthard Landscape exhibition examines the impact of NEAT (Neue Eisenbahn Alpentransversale), the world's longest Alpine tunnel, in the historic Gotthard Range in the Swiss Alps. This project documents both visible and invisible changes to the landscape, mapping them in an 'interactive digital sculpture' created with point cloud technology.

RIEGL has indicated that it is honoured to sponsor this unique exhibition. The data showcased in the exhibit is Lidar data acquired with RIEGL instruments and is demonstrated via RiALITY, the app for Lidar data visualisation.

Using RIEGL's high-performance mobile and static laser scanners has made the data acquisition for this project extremely effective. Due to the seamless workflows and robust hardware, that operated under extremely harsh topography and climate in this alpine region, the project team was able to finish their data acquisition within a very short time. They are delighted that RIEGL now also supports the exhibition of this spectacular project here at Biennale in Venice, said Pascal Werner, ETH Zürich.

The exhibition has been named one of the top 25 exhibitions to visit by *Wallpaper* magazine. The second run of the exhibition is open until 5 October 2014.

For more information see www.gotthard.ethz.ch