



# SCHWÄBISCH GMÜND, GERMANIA

Stabilizarea pantelor

# Schwäbisch Gmünd

## Stabilizarea pantelor

<b>Proiect</b>	Schwäbisch Gmünd
<b>Loc</b>	Schwäbisch Gmünd
<b>Țară</b>	Germania
<b>Anul instalării</b>	2015
<b>Client</b>	((... will be completed by STS/GRE))
<b>Alte companii implicate</b>	Sidla & Schönberger Spezialtiefbau GmbH

**Situația inițială**

The developer was planning several residential buildings on the hillside north of the river Rems in Schwabisch Gmund (near Stuttgart). The pit was created with a pile wall for excavation support. This area was backfilled after the buildings were completed. In the upper slope area, which remains visible; however, the developer chose to implement a solution that allows revegation.

**Descriere**

For dimensioning the nail grid pattern global stability was observed and recorded first. In a second step the near-surface instabilities were dimensioned. As is typical for most excavation activity, this slope was excavated from the top down in 1.5 m increments. Immediately following excavation the erosion control mat and TECCO® System were anchored in place with soil nails.

The solution was chosen because:

- Cohesive soils / grounds with an appropriate supply of nutrients for successful revegetation,
- Active and immediate greening of the embankment by hydroseeding,
- Through future building the slope will be shaded,
- Four years ago, a similar project using TECCO® System was completed nearby and has shown successful revegetation.

<b>Obiect protejat</b>	Clădire
<b>Protecție împotriva coroziunii</b>	GEOBRUGG SUPERCOATING
<b>Geologie</b>	The slope incision is located in the Stubensandstein layer, and is therefore partly based on stiff loams.
<b>Zonă stabilizată</b>	900 m <sup>2</sup>
<b>Înălțime pantă</b>	15 m
<b>Înclinație pantă</b>	45 ° - 60 °
<b>Vegetație</b>	Da
<b>Rețea de control a eroziunii</b>	Da
<b>Expoziție</b>	

**Pentru întrebări, vă rugăm să contactați specialistul Geobrugg din zona dvs.**

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