



# RAHOVEI 20, CLUJ-NAPOCA, RUMÄNIEN

**Böschungsstabilisierung**

# Rahovei 20, Cluj-Napoca

## Böschungsstabilisierung

**Projekt** Rahovei 20, Cluj-Napoca  
**Ort** Cluj-Napoca  
**Land** Rumänien

**Installationsjahr** 2013

**Kunde** Private customer  
**Planer** Zenith Proiect and Consulting  
**Ausführende Firma** S.C. MAVO Transilvania S.R.L.

**Ausgangslage** This 7 to 8 meters high slope was cut in order to build a private house. Due to the geotechnical data, the slope should have been stable at 40 degrees and up to 4.9 m. When the owner installed the pipes for a geothermal pump on top of the slope, the slope began to fail.

**Massnahme** Geobrugg designed and delivered a complete protection system. The solution was a standard soil nailing together with GREENAX® mesh. A total of 229 m² were stabilized using 40 soil nails R32. They were installed in the pattern of 2.50 x 2.20 m.

**Geschützte Objekte** Gebäude

**Korrosionsschutz** GEOBRUGG SUPERCOATING

**Geologie** Silt and clay.

**Fläche stabilisiert** 229 m²

**Maximale Hanghöhe** 8 m  
**Hangneigung** 30 ° - 46 °

**Erosionsschutzmatte** Ja  
**Ausrichtung**

**Für Fragen steht Ihnen unser Geobrugg Spezialist gerne zur Seite**

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