

Location: Esparros, France
 Authority: Conseil Général Htes Pyrénées
 Contractor: L.T.P.
 Date: March, 2001
 Product type: Enkagrid PRO 40, 60 & 90: 2.400 m²// Enkamat 7010: 450 m²



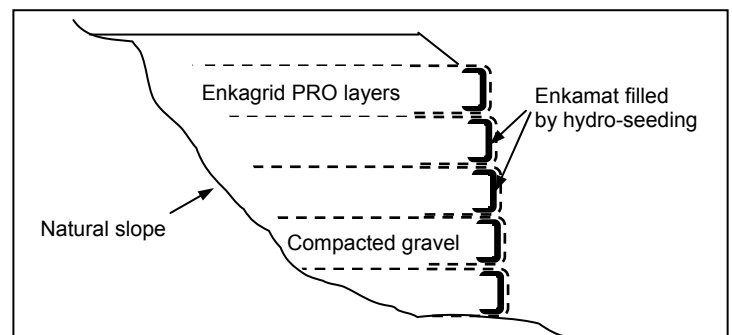
In the mountainous area of the Pyrenees in France, the local Department of Transportation decided to widen the existing access road to the touristic site “Le Gouffre d’Esparros” without polluting the beautiful green landscape. Instead of cutting the road into the mountain, soil reinforcement was used to build upwards from the valley-side.

The contractor asked Colbond for a design proposal based on Colbond’s years of experiences and knowledge in both erosion control and soil reinforcement.

A steep slope was designed with polymeric soil reinforcement Enkagrid PRO. To improve the establishment of the natural vegetation, Enkamat 7010 was placed behind the geogrid.

After construction, hydro-seeding with seeds, compost and mulch was used to cover the steep slope.

The structure was built early in the spring time. During summer the vegetation started to grow rapidly resulting in a completely covered green slope.



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