

Location:	Hersin Coupigny, France
Landfill Authority:	France Déchets
Contractor:	PATOUX s.a.
Date:	May, 2000
Product type:	Enkagrid PRO 40: 9,000 m ²
Product type:	Enkagrid PRO 60: 6,000 m ²



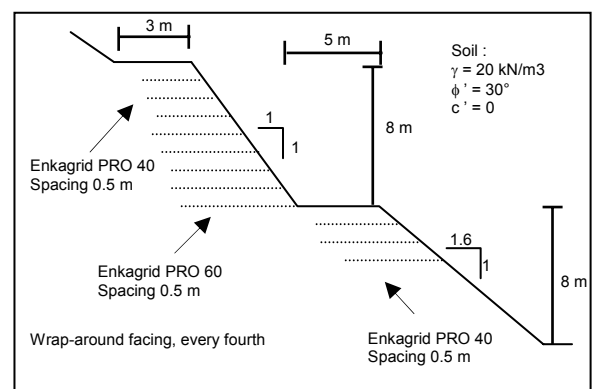
The Hersin Coupigny Landfill is one of the biggest sites in France and is located in a huge chalk pit. In 1999, after a period of intense rainfall, a slope-failure appeared due to too much ground water flowing into the slope. The Landfill Authority aimed at more space at the toe of the slope for more storage.

Contractor PATROUX s.a. asked Colbond to propose a design for a steep reinforced slope with a total height of 16 m. By using the French program Cartage the a very cost-efficient structure was designed with polyester geogrids.



Enkagrid PRO was selected as the most suitable geogrid for the steep slope which had to be constructed with crushed mudstone. The geogrid has excellent properties regarding durability and long term performance.

Enkagrid PRO 40 and Enkagrid PRO 60 have a quality control strength of 40 kN/m respectively 60 kN/m in the longitudinal direction.



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