



**River dike protection
Vauvert, France**

Location: Vauvert, France
 Project owner: Municipality of Vauvert
 Date: October 2008
 Product type: 4.000 m² Enkamat J



Enkamat J was chosen to protect a riverdike in Vauvert, France against erosion and flooding. **Immediate protection was required at this dike, for serious erosion risks were expected soon.**

The stony clay river bank was first covered with a 10 cm thick layer of seeded soil, after which Enkamat J was installed. In less than two weeks — in October — vegetation growth was already visible.

Enkamat J is a composite of Enkamat firmly stitched to a biodegradable jute fabric. The three-dimensional structure of Enkamat provides the utmost protection against erosion once vegetation has fully developed. The biodegradable fabric of Enkamat J - jute facing upwards - offers immediate protection against erosion during the short period when seeds are germinating and the vegetation is still vulnerable.

The jute fabric not only protects against the impact of erosion — for instance rainfall — but it also offers thermal protection and holds water; both enhancing vegetation growth.

Once the vegetation is established, the jute degrades and returns to nature. It no longer serves a purpose, since standard Enkamat plus the vegetation alone is the perfect combination for permanent and green erosion control.

The information set forth in this case study reflects the best knowledge at the time of publication. The case study is subject to change pursuant to new developments and findings. The same reservation applies to the properties of the products described. No liability is undertaken for results obtained by usage of the products and information.



Colbond bv
 P.O. Box 9600
 6800 TC Arnhem
 The Netherlands
 Tel.: + 31 85 744 1300
 Fax: + 31 85 744 1310
 geosynthetics@colbond.com
 www.colbond.com
 www.colbond-geosynthetics.com