



**Reconstruction river embankments  
South Korea**

Location: South Korea  
 Project owner: Local Government  
 Date: 2009  
 Product type: Enkamat® 7018



In South Korea, four major rivers are being reconstructed due to an increased risk of flooding, with the banks being raised. A lot of tributaries discharge water into these four main rivers, so the storage capacity of these rivers must not be jeopardized in case water levels rise during the monsoons.

For this reason, all the slopes and embankments along the rivers are being surveyed and if necessary reconstructed. For the slopes that are above the normal watercourse, Enkamat 7018 is used. This three dimensional erosion mat has the appearance of an artificial root structure and provides permanent erosion protection to a slope. Germinating (pre-seeded) vegetation easily grows and intertwines with the Enkamat, thus resisting even greater erosion forces. Enkamat is ideal for the job, since for 80% of the year the slopes are unwetted, giving Enkamat and vegetation the opportunity to fully develop and become a very reliable anti-erosion system.

Enkamat is harmless to the environment– in fact, while delivering the best erosion protection it enhances the natural green environment.

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.



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