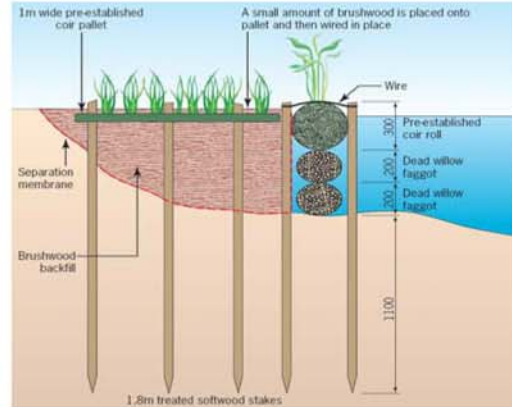


Foss Dyke Bioengineering Works, Lincoln, UK

The rail embankment that follows the Foss began to erode due to excessive boat wash (up to 2.5 metres in a year over a 2.5km stretch). Initial remedial works were planned to be hard revetments, Hard revetments, such as sheet piling or gabion baskets were considered but dismissed because of the ecologically sensitive nature of the site. King Fishers and Water Voles were recorded on the stretch of bank and therefore a bioengineering solution was required that could meet the vital engineering criteria but also enhance the marginal habitats for the Water Voles.



Above Left : Erosion on the Foss
Below : Brushwood fascines



Above Right : Design Detail
Below : Works being Installed



Above : Bioengineering works 5 months after completion