

Lerum burial ground, Sweden, 1999

The graveyard in Lerum is surrounded by a river and a creek. Extensive erosion and risk for landslide were a problem in this clay soil area. Traditional slope stability and erosion control measurement was judged too expensive, so for technical, aesthetic and economical reasons soil bioengineering were chosen. The slopes were regraded with an inclination of 1:2 with masses from balanced at jobsite. Pre-planted coir rolls and beds were fixed at normal water level, the slopes were covered by coir geotextile in which with grass seeds and plants were introduced. In this way we could technically protect the environment surrounding the graveyard and create a natural resting place.



Before

Installation



After a couple of years the installation is well integrated in the environment



Installation