GEOTECHNICAL ENGINEERING
Product: TERRAMESH

Problem
The slope failure along Felda Sendayan Road had caused inconvenience to the road users as this road connects to two major towns - Labu & Sendayan, thus Jabatan Kerja Raya (JKR) Negeri Sembilan classified this slope remedial project as emergency works and instructed a turnkey contractor to propose a retaining wall system that can be constructed in a very short period of time.

Entrusting in years of experiences with Maccaferri in providing technically sound solutions, the consultant invited us to submit a proposal. We proposed Terramesh Mechanically Stabilized Earth (MSE) Wall because the structure is to be constructed near a waterway.

Solution
After evaluating the total cost of construction and the work program to reinstate the slope using Terramesh against other systems. Terramesh was adopted; reasons being no excessive foundation treatment is required and the estimated construction time is the shortest among other systems.

In proven actuality, the contractor completed the slope reinstatement works (710 m² of Terramesh MSE Wall) within two and half months with ease.