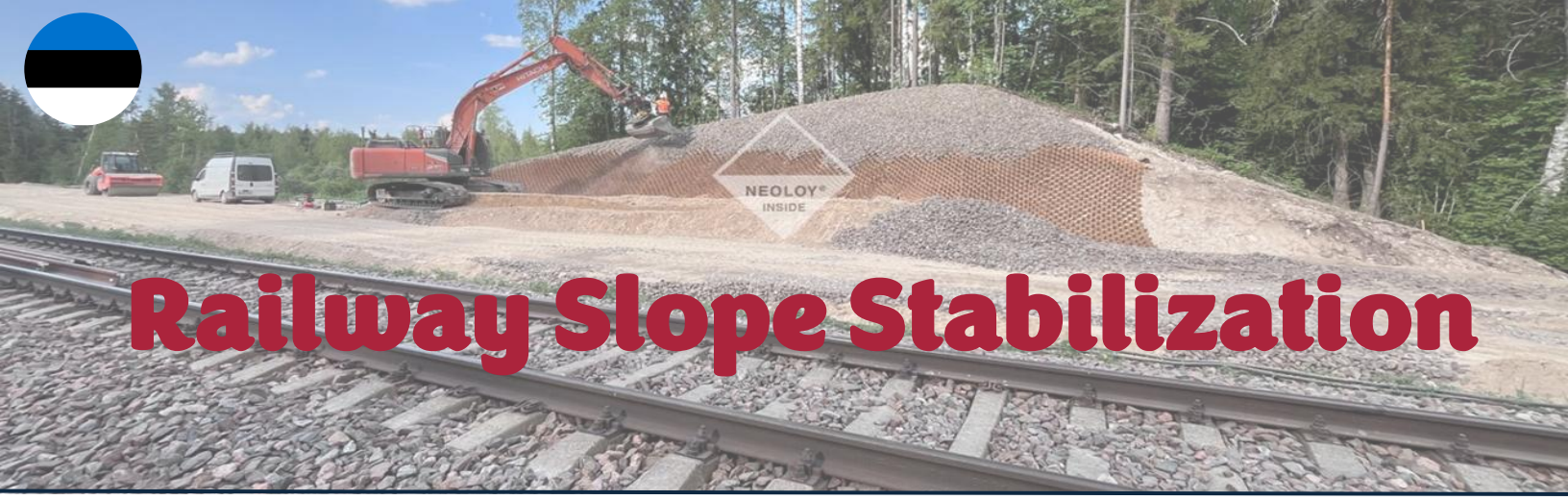

Railway Slope Stabilization

Project At a Glance

Challenges:

1. Steep slope due to proximity to a protected natural area
2. Regulatory and environmental limitations
3. Need for cost-effective, fast-to-install solution

Unique Benefits:

1. Neoloy replaced the need for a concrete retaining wall
2. Neoloy enabled reuse of existing ballast materials
3. 66% lower construction costs
4. The fastest installation
5. Strongest solution , proven long-term durability

Project Overview / Objectives

The project aimed to stabilize a steep railway slope in a sensitive natural area, while reducing environmental impact, costs, and construction time. Concrete retaining walls were not feasible or permitted due to the site's protected status.

Neoloy Tough-Cells were chosen as the most sustainable, engineering-efficient solution, providing structural stability with the lowest material, paperwork, and installation effort.

Neoloy solution also allowed reuse of existing ballast, further reducing costs, logistics, and environmental impact.

In Compliance with Leading
International and National Standards