

HAAGER LIES, AUSTRIA

# Transforming a historic railway into a cycle path with MIRAGRID PEC



**Industry:** Transportation  
**Sub-industry:** Roads and highways  
**Location:** Austria  
**Product:** **MIRAGRID®** PEC 75/75

## Challenge

The main challenge in this project was ensuring stability against partial settlements when repurposing the linear structure for use as a bicycle and goods path. The project required a durable solution to prolong the life of the bound

## Overview

The Haager Lies project in Austria transformed the Lambach-Haag am Hausruck railway line, known as Haager Lies, into Upper Austria's first barrier-free cycle path. Operational from 1901 to 2009, this historical railway line was redeveloped between 2020 and 2021 into a 22 km (13.7 mi) long cycle path. This redevelopment enhanced the regional cycle network, connecting to the Trattnachtal, Römer, and Antiesen cycle paths, and offering proximity to the Inn and Danube cycle paths.

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## CASE STUDY

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bearing layer, necessitating a weed-inhibiting fleece of at least 180 g/m<sup>2</sup> (0.59 oz/ft<sup>2</sup>). Some areas also needed specialized soil improvement measures, influencing the material selection process.

## Solution

**MIRAGRID PEC 75/75** was used as a bearing layer reinforcement, providing stability against partial settlements. Its 200 g/m<sup>2</sup> (0.65 oz/ft<sup>2</sup>) carrier geotextile fulfilled the weed-inhibiting requirements. Positioned to be permeated only by seepage water, **MIRAGRID PEC 75/75** facilitated the use of PET yarns, ideal for soil improvement measures. This solution was efficient in installation and cost-effective. The timely delivery of the custom-sized 4 m x 50 m (13.1 ft x 164 ft) product reduced the need for on-site cutting and waste. The project, completed in three phases, achieved significant cost savings compared to the initial budget.



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