

# SUCCESS STORY

## ENVIRONMENTAL PROTECTION

### PROJECT DETAILS

#### Brief description

Replacement of OIL-EX absorption mats and laying of tracks in the locomotive stabling zone.

#### Requirement

Locomotive stabling points with OIL-EX absorption mats have been reconditioned and re-laid over a large area in the Port of Hamburg to prevent contaminants entering the subsoil.

#### Location, year

Hamburg, 2020

### PROJECT DESCRIPTION

Europe's third largest seaport also boasts Europe's largest port railway network with its almost 300 km of tracks. 200 freight trains with over 5,500 wagons travel back and forth in the port on a daily basis, keeping goods traffic moving. Calenberg's OIL-EX absorption mats have been used in the diesel locomotive stabling points for many years to prevent damage to the environment. Easy to install, the mats bind any liquids leaking out into their absorption layer, particularly oil and diesel, so that these liquids do not penetrate the ground. OIL-EX mats can absorb up to ten litres of oil per square metre, thus ensuring maintenance-free protection against damage to the environment.

### SOLUTION

When the mat reaches its maximum absorption capacity, the grooves in its surface close and the mat needs to be replaced, something which users can easily see. The mats in the Port of Hamburg now need replacement after some eight years of use. More than 1200 m<sup>2</sup> of new OIL-EX mats were laid in spring 2020.

Each old mat was removed before installation and then taken away for correct disposal. The new mat was then rolled out immediately, ready cut to a suitable width by Calenberg. Suitable OIL-EX profiles connect the joins between the individual mat strips, sealing them tightly.

## Locomotive parking sidings in Hamburg port

