

# MR8 MacRebur Project 2022

Project: Single lane road, a cycle track and pavement area.

Location: Zagreb, Croatia

Client: Tegra Ltd

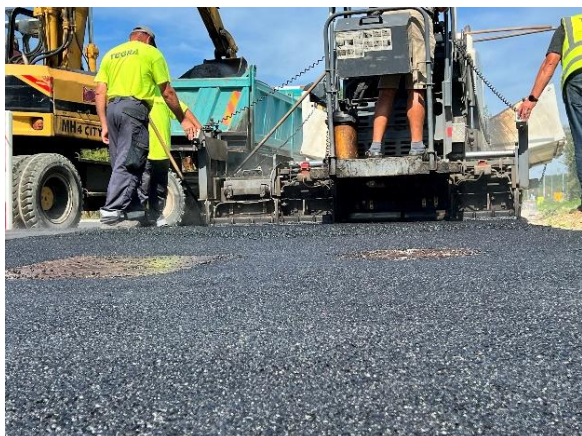
Surfacing Contractor: Tegra Ltd

Product used: 1000kg of Macrebur MR8

Date: 14/09/2022



## OVERVIEW



This project recycled 1000 kg of plastic



## THE PROJECT

In 2022 MacRebur received contact from Tegra Limited in Croatia to discuss the opportunity of bringing our technology to Croatia. Tegra were looking for a sustainable solution when resurfacing their roads.

In September 2022, Tegra began laying 350 tonnes of Asphalt on a road in Zagreb, Croatia. This piece of road also included a pavement and a cycle track. The existing asphalt was removed and replaced with an Asphalt containing MacRebur MR8, replacing 10% of the binder weight. MR8 is manufactured from 100% waste plastics and is designed to extend the binder in any asphalt mixture. MR8 is used as a direct replacement of neat binder used in Asphalt.

## THE OUTCOME

The re-surfacing of this stretch of road resulted in 1000 kg of plastic waste recycled, resulting in a CO2 saving of 1550kg. The construction process was no different to that of conventional asphalt, and the project saw huge environmental benefits in terms of plastic recycled and CO2 saved. The road will be monitored for performance throughout the next year.

That's a CO2e saving 1550 of kg

