

# GREEN CAMPUS: BIKING TO LECTURES ISTANBUL, TURKEY



## PROJECT OBJECTIVE

Istanbul is Turkey's most populated city as well as the cultural and economic hub of the country. This metropolis of millions on the Bosphorus is home to Istanbul Technical University, founded in 1773 and the third oldest university in the world. About 38,000 students from all over Europe are enrolled here and hurry every day from one lecture to the next. Navigating the vast size of the campus has so far only been possible by car.

However, a six-kilometer bike path through the campus now offers an ecofriendly alternative: The University's Green Campus project. This project, which includes barrier-free roads and sidewalks, rain-permeable concrete surfaces, eco-friendly building construction and the new bike path, is intended to make the extensive university campus more attractive to cyclists and pedestrians, while also increasing environmental awareness among students.

Röhm supported the project by sponsoring a part of the bike path and coating it with a durable MMA cold spray plastic. The rapidly processed two-component system is based on DEGAROUTE® reactive resin and can be used for a variety of applications including line and area markings.

SITE		APPLICATION	
COUNTRY	Turkey	SYSTEM	Anti-skid area marking (2,600 m <sup>2</sup> /27,986 ft <sup>2</sup> )
LOCATION	Istanbul Technical University	SURFACE	Asphalt
APPLICATION DATE	2017	EQUIPMENT	Spray application
		LAYER	Base layer sprayed containing anti-skid aggregate, followed by top coat

## PERFORMANCE

- Anti-skid surface improving the safety of the bike path
- Strong adhesion to concrete and asphalt, even thin layers are highly durable
- Fast processing time and short curing time allows for a quick re-opening of roads
- Cost-efficient over the life cycle of the project