

Project Name	Reconstruction of public lighting in Vrnjačka Banja
Start–End	January 2022–December 2024
Project Value	1.020.030 EUR
Slovenian Funding	437.243 EUR
Recipient Country/ Donation Recipient	Serbia / Municipality of Vrnjačka Banja
Project Contractor	Manes d.o.o. Topola
CRS CODE	CRS CODE 23010
Project Description	<p>Public lighting in Vrnjačka Banja was inefficient and wasteful. The bulbs were outdated and did not contain a reflector, causing light to scatter into the sky and contribute to light pollution. Glare also occurred, reducing the field of vision and perception for drivers. Mercury bulbs were primarily used, which had a low level of IP protection and were completely uneconomical.</p> <p>As part of the project, public lighting was reconstructed. A total of 6,875 existing light bulbs were replaced with LED bulbs that met the standards for light pollution and energy efficiency while providing adequate lighting for roads and other surfaces. The implementation of the project reduced electricity consumption by 3,142,378 kWh per year, lowering CO₂ emissions by more than 80%, equivalent to 2,970 tons annually. Light pollution was also significantly reduced.</p>
Project Phase	The project is concluded.