

Project Name	Conversion of biogas into electricity at the Možura Bar sanitary landfill
Start – End	July 2024 – december 2026
Project Value	1.407.484,40 EUR
Slovenian Funding	631.803 EUR
Recipient Country/ Donation Recipient	Montenegro/ Public Company DOO Možura Bar
Project Contractor	Norma d.o.o, Budva
CRS CODE	CRS CODE 23270
Project Description	<p>As part of the long-term resolution of the municipal waste disposal issue, the Možura inter-municipal landfill was built to serve the municipalities of Bar and Ulcinj. The landfill has successfully collected biogas for several years. However, due to the harmful effects of methane on the environment, the methane content in the biogas (approximately 50%) is burned. CO₂ is produced as a by-product, which still pollutes the environment and harms residents' health. Therefore, the public company Možura d.o.o. Bar is upgrading the existing infrastructure to promote renewable energy sources.</p> <p>As part of this project, a biogas power plant will be constructed using the existing infrastructure of the Možura landfill. The biogas, which contains a high percentage of methane, will be supplied to generators that will produce electricity. A feasibility study has already been carried out which showed that it is possible to build a biogas power plant at the landfill with a capacity of at least 1.5 MW. This means that the landfill gas collection system can collect 400–500 m³/h of biogas. The landfill will use some of the generated electricity for its own purposes and sell the rest through authorised electricity traders.</p> <p>The project also involves raising awareness among local governments and public utility companies of using biogas as a renewable energy source.</p>
Project Phase	The project is being implemented.