



REPUBLIC OF SLOVENIA
MINISTRY OF COHESION
AND REGIONAL DEVELOPMENT



GREEN PENGUIN

An innovative methodology and didactic digital tool for experiential learning and literacy towards decarbonisation and digital and green transition goals



ABOUT THE PROJECT

The Green Penguin project will develop new practices and teaching methods for better working and living, especially in the field of environmental awareness, with the aim of promoting decarbonization.

Our main aim is to teach primary school teachers and students how to implement measures to reduce carbon footprint in an interactive, fun and effective way, and to empower them to pass this knowledge on to others who are not involved in our project. To this end, a new learning methodology will be developed through the active use of an interactive digital platform, Green Penguin, based on the latest principles of gamification. The platform will display the school's current CO₂ emissions and provide teachers and students with a catalog of possible CO₂ reduction activities in a fun, interactive way.

The Green Penguin project is financially supported by the Norwegian Financial Mechanism and a Slovenian contribution of EUR 764,281.54 from the Ministry of Cohesion and Regional Development of the Republic of Slovenia.



PROJECT PARTNERS

The Green Penguin project is being implemented by a consortium of companies, namely: Iskraemeco, d.d., the City of Kranj, the City of Ljubljana, the Association DOVES-FEE Slovenia, and FEE Norway.



The Green Penguin project includes seven pilot primary schools that play a key role in testing the app and content. These schools include Hinko Smrekar Primary School, Šmartno pod Šmarno goro Primary School, Jože Moškrič Primary School, Predoslje Primary School, Staneta Žagar Primary School, Francet Prešeren Primary School, and Kristiansand International School. The participation of these schools in the project makes it possible to test the Green Penguin platform in practice and provides invaluable feedback and further improvements.

In addition to gaining valuable environmental knowledge, the pilot schools' participation in the Green Penguin project has another important benefit: It helps improve pupils' digital literacy. During the Green Penguin platform trial, pupils are actively exposed to advanced digital technologies and acquire the knowledge and skills to effectively use modern tools and platforms for education.

WHY IS THE PROJECT IMPORTANT?



Education

Education on the importance of preserving the environment is the first step on the road to carbon neutrality. It allows us to gain concrete knowledge about how much CO₂ emissions each individual is responsible for through their own actions and what can be done to reduce them.



Better future

Engaged citizens, improved quality of life, and changed behaviour will benefit communities and are key steps on the road to carbon neutrality.



Economy

In many countries, cities pay the entire resource and energy costs for schools and other public infrastructure. Lower consumption also has a direct impact on costs.



Environment

Behavioral changes and efficiency improvements will reduce electricity, water, heat, gas consumption, and waste. As a result, the carbon footprint will be reduced on multiple levels.

Working together for a **green**,
competitive and **inclusive** Europe!



green penguin



www.norwaygrants.si
<https://iskraemeco.com/si/project/projekt-zeleni-pingvin/>
green.penguin@iskraemeco.com