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green move
TRANSFORMING SUSTAINABLE FUTURE

# City of Livno, Bosnia and Herzegovina

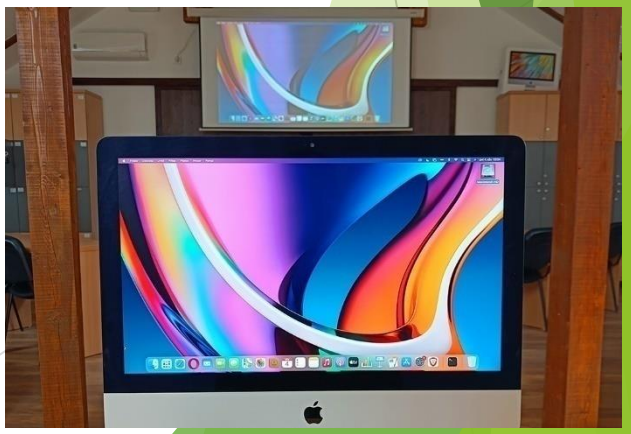
Presenter: Ivana Markov, asistent of the mayer

Date 3.3.2026

# *Project: "Sustainable energy for education – ECO school"*

# Information about the school Silvije Strahimir Kranjčević Vocational High School

- Previous experience in implementing projects
- Classrooms equipped with modern technology
- Partner in the ERASMUS+ 2027 project
- Participation in the eTwinning conference in Vienna– project “My country in your eyes”
- 10 different education programs

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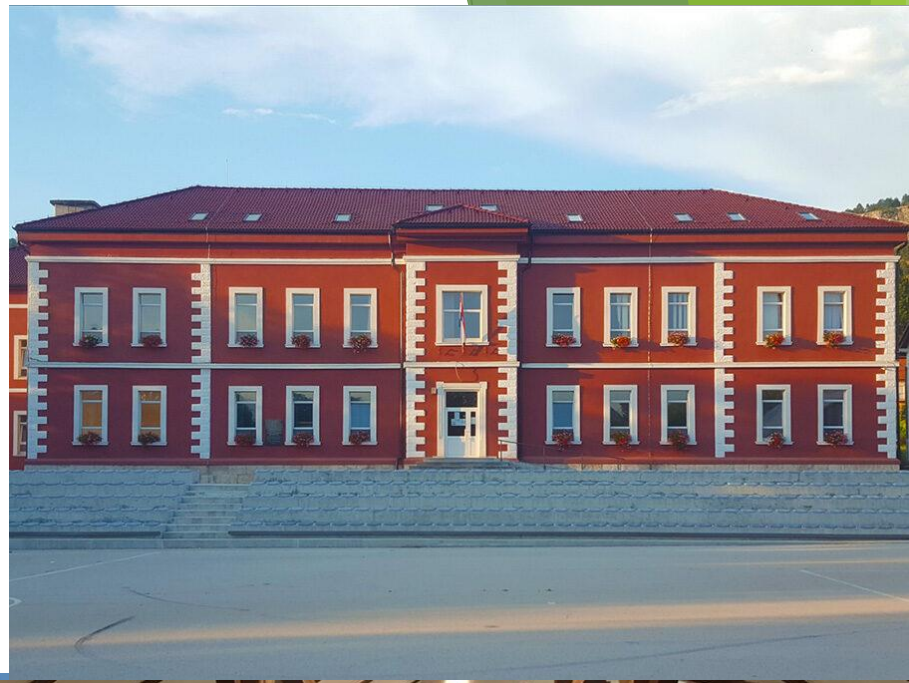

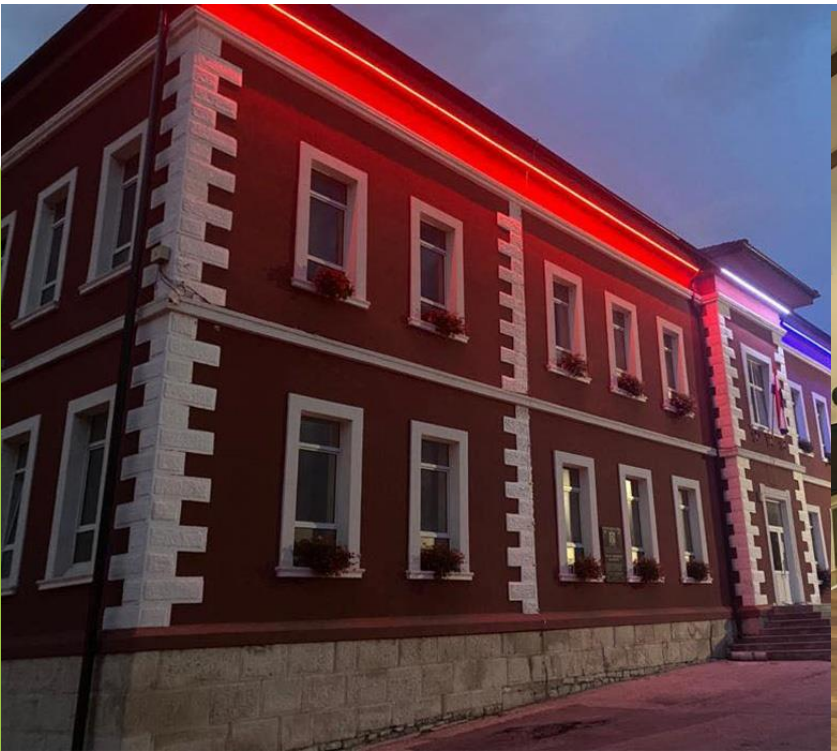

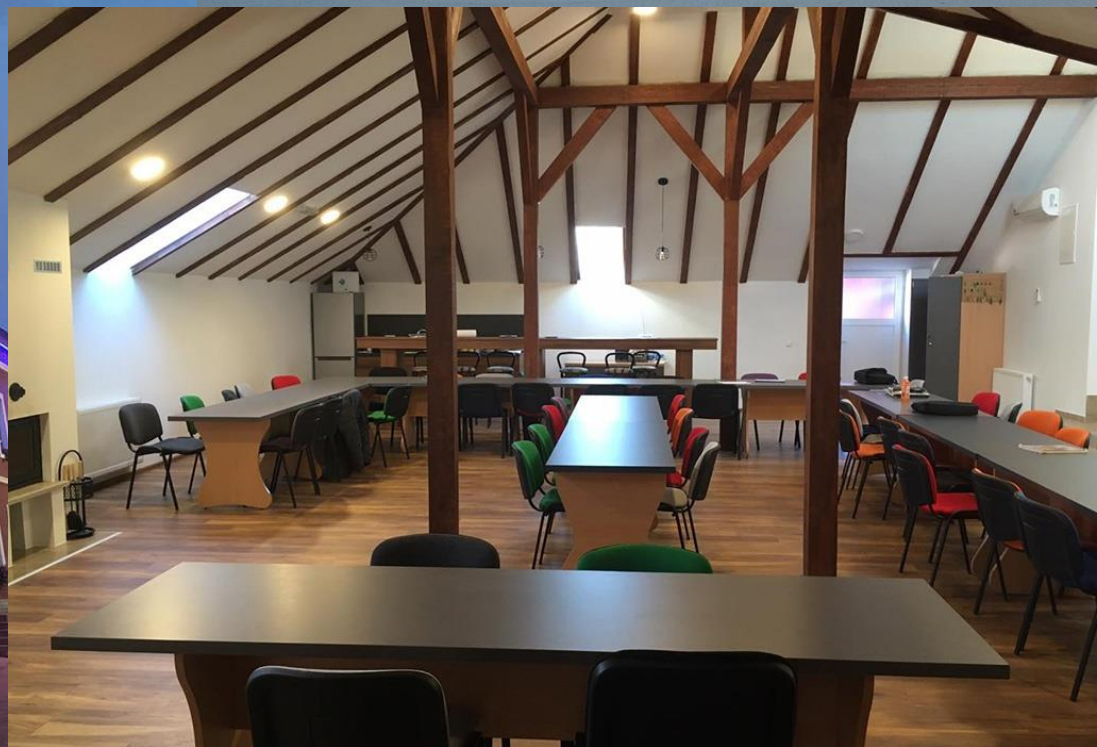

# General project information

- Applicant – Silvije Strahimir Kranjčević Vocational High School
- Public call for funding for climate change mitigation and adaptation projects in BiH - Ministry of Environmental Protection and Green Transition of the Republic of Croatia
- The location where the project is implemented - City of Livno, Canton 10
- Project duration – 4.3.2026. - 31.12.2026.

# Project objectives

The overall goal of the project is **to reduce greenhouse gas emissions and the impact on climate change through increasing energy efficiency and the use of renewable energy sources in schools, which directly contributes to the sustainability and well-being of the Croatian people in B&H.**

# Project specific objectives

- Increasing the energy efficiency of the building – reducing energy consumption by ***30%***
- Installation of a renewable energy system– ***reduction*** of electricity ***costs*** and ***increasing*** the share of renewable sources in school consumption
- Reducing $CO_2$ emissions for at least ***20%***

# Project specific objectives

- Implementation of heating, cooling, ventilation and lighting automation systems – additional energy ***savings***
- Establishment of renewable energy sources in transportation through the installation of charging stations for electric vehicles and procurement of 4 electric vehicles
- Establishment of an education system and analysis of collected energy consumption data

# Expected project results

1. Sustainable energy system established at school
2. School energy renovation completed
3. Installed renewable energy sources and automated school building system
4. Electric mobility and sustainable transport system established
5. Developed educational programs on sustainable development and climate change

# Main project activities

1. Establish a sustainable energy system in a secondary school
2. Energy renovation of a school building
3. Installation of renewable energy sources and automation of school building systems
4. Establishment of an electric mobility and sustainable transport system
5. Development of educational programs on sustainable development and climate change

# Project sustainability

- School education system = educational tool
- Software analysis of energy data
- Regular equipment maintenance
- Integration into the curriculum

# Project sustainability

- **Direct impact on:**
- Improving educational infrastructure and the quality of life of students and teachers
- Preservation of cultural and educational identity of Croats in BiH
- Increasing the energy independence of the local community
- Strengthening cross-border cooperation between B&H and Croatia

# Financial part of the project

- Total investment – 730.000,00 €
- Requested funds from the Ministry of Environmental Protection and Green Transition – 600.000,00 € (82%)
- Own resources – 130.000,00 €

# Horizontal principles

- ***Promoting gender equality – positive impact***
- Compliance with the provisions of the Anti-Discrimination Act
- Equal inclusion of both sexes
- Concern for gender perspective in the context of linguistic terminology
- Objective criteria in the recruitment procedure

# Horizontal principles

- ***Promoting equal opportunities and non-discrimination – positive impact***
- Equal opportunity for participation of all students
- Equal participation of students in STEM fields; inclusive educational activities
- Use of various communication channels
- Avoid organizing events during religious holidays

# Horizontal principles

- ***Accessibility to buildings – positive impact***
- Easier access/entrance to school
- Energy renovation of school infrastructure
- Better living conditions for all students
- Replacing fossil fuel vehicles with electric vehicles
- More sustainable mobility and availability of environmentally friendly transport
- Better mobility for students and staff

# Horizontal principles

- ***Communication accessibility – positive impact***
- Advertising materials - taking care of their optimal functionality for people with different functional abilities
- Different communication channels during information activities
- Digitization of energy management
- Availability of educational materials and workshops through digital platforms

# Horizontal principles

- ***Reasonable accommodation and universal design – a positive impact***
- Organization of events as part of project activities in premises accessible to people with disabilities
- Creating information texts – taking into account simplicity, avoiding symbols and metaphors, respecting the chronological sequence of the action and giving importance to illustrations and graphic design of texts

# Horizontal principles

- ***Green public procurement – positive impact***
- Procurement of services, goods and works
- Taking care of sustainable production and consumption
- Reduced environmental impact throughout the life cycle

# Horizontal principles

- ***Climate validation – positive impact***
- Taking into account spatial, climatic and environmental characteristics of the project
- Climate change resilience
- ISGE system – Energy management information system
- Greenhouse gas emissions – below the prescribed threshold
- Long-term foundations for climate resilience and reducing negative environmental impact

Thank you

Σας ευχαριστώ