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MORE INFORMATION ABOUT THE FINANCIAL MECHANISM:  
<https://eeagrants.hr>

MORE INFORMATION ABOUT THE PROGRAM:  
<https://eeagrants.hr/en/programs/local-development-and-poverty-reduction/>

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Grad Zadar



ZADARSKA  
ŽUPANIJA



Sveučilište u Zadru  
University of Zadar  
Universitas Studiorum  
Jadertina | 1396 | 20021



INOVAcija  
Ustanova za razvoj kompetencija,  
inovacija i specijalizacije  
Zadarske županije



VITENFABRIKKEN  
JADRUGSET

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REPUBLIKA HRVATSKA  
Ministarstvo regionalnoga razvoja  
i fondova Europske unije

## **Strengthening STEM skills in primary schools in Zadar County – STEM COUNTY**

**FUNDING:**  
**European Economic Area Financial Mechanism 2014. – 2021.**

**PROGRAM:**  
**Local development and poverty reduction**

**PROJECT PROMOTER:**  
**City of Zadar**

**PROJECT PARTNERS:**  
**Zadar County**

**University of Zadar**

**The Institution for development of competence,  
innovation and specialisation of Zadar County - INOVAcija**

**Museum Vitenfabrikken**

**PROJECT DURATION:**  
**from July 15, 2022 to April 14, 2024**

**TOTAL VALUE OF PROJECT:**  
**966.407,85 EUR**

**FINANCING RATE:**  
**100% (donor funds 85% and 15% from national funds)**

STEM COUNTY project will **improve the STEM skills of teachers and students in elementary schools in Zadar County** through the modernization of school premises, raising the capacity of teachers, educating pupils and exchanging knowledge and experience in STEM area. Through the project implementation, 13 STEM classrooms in 13 elementary schools in Zadar County will be equipped, some of which are on islands and some in rural areas. Pupils and teachers will create STEM COUNTY – a model of Zadar County landmarks that will be made of cubes and will contain all the elements of STEM. The purpose of the STEM model is to bring STEM topics closer to pupils and a wider audience.

**Schools participating in the project:** OŠ Stanovi, OŠ Kruno Krstić, OŠ Petar Preradović, OŠ Šimuna Kožičića Benje, OŠ Šime Budinić, OŠ Bartul Kašić, OŠ Voštarnica, OŠ Zadarski otoci, OŠ Zemunik, OŠ Juraj Dalmatinac, OŠ Vladimir Nazor, OŠ Franko Lisica, OŠ Biograd na Moru.

**The general goal of the project** is to improve STEM skills of teachers and pupils in primary schools in Zadar County and to modernize the infrastructure in schools for work in STEM fields.

**The target groups of the project** are pupils and teachers in primary schools. The end users of the project are elementary schools participating in the project, project partners, partners and the population of Zadar County.

During the implementation of the project, 4 thematic HUBs will be established, which together make up STEM COUNTY:

## HUB 1

# Eko stem

Pupils and teachers will learn about the principles of sustainable development and the circular economy, which they will work on in extracurricular activities and STEM programs.

## HUB 2

# Stem start

Pupils will participate in the construction of the STEM COUNTY model, motivational STEM workshops will be held and the STEM garden in OŠ Šime Budinić will be adapted.



HUB 3

# 3D stem

Workshops will be held that include modeling and printing of traffic signs, 3D models for easier drawing or orthonogal and spatial projection, geometric shapes and programming workshops, workshops with blocks for small children, 3D pencils, workshops for decorating and processing finished pieces of furniture, mathematical – informatics lacework and 3D Pag.



HUB 4

# Robo stem

Workshops will be held for pupils, which will include a school of robotics for younger pupils, a school of robotics for older pupils and a school of robotics with cubes.

