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VOLUME 2

## Information about the project

**Duration:**  
Autumn 2022 - August  
2024

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**Project number:**  
2022-1-CZ01-KA210-  
VET-000081801

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**Activities:**  
A1) Creating and  
Establishing an  
international online  
community and the on-  
line community platform

A2) Development of 3D  
printing models based  
on EU Cultural Heritage  
Artifacts with an  
instructional manual  
video.

A3) Sharing students'  
results, testing and  
spreading the  
community

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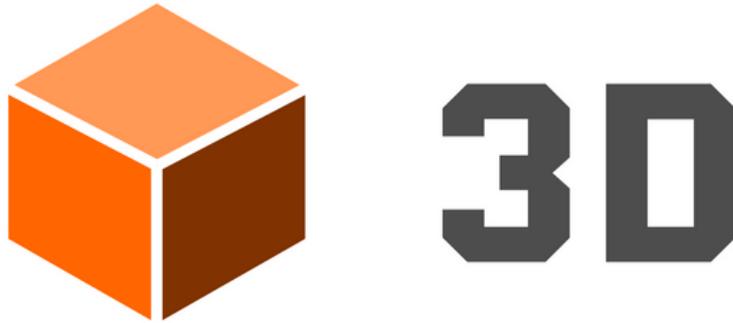
**Websites:**  
[3-d-print.eu](https://3-d-print.eu)  
[3-d-print-platform.eu](https://3-d-print-platform.eu)

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Stay tuned for more!

# NEWSLETTER

SUMMER - AUTUMN 2023



## 3D PRINTERS, DEVELOPMENT, DIGITAL COMMUNITY

### The project

The 3D Printing project focuses on increasing the technical skills and digital competencies of students in vocational education and training schools through the implementation of new learning processes, namely the use of 3D printing in teaching. The partner organizations found that schools use 3D printers mainly to print to prepared templates, so the project highlighted the need to support vocational schools in using the wide potential of 3D printers, in such a way that students are guided in planning and creating their own 3D projects. This innovative teaching approach helps increase students' technical capabilities in relation to technological trends and labor market needs.

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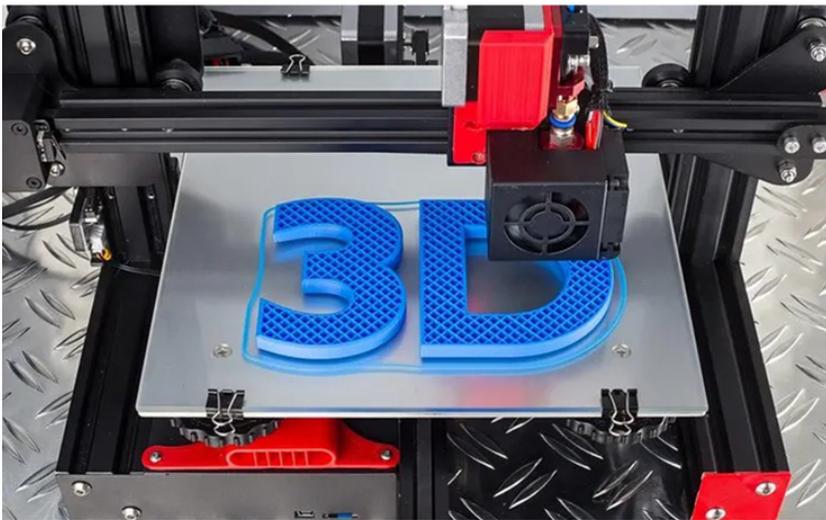


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3D

# 3D Printers, Development, Digital Community



## Our Partner Meeting

Our second and last partner meeting took place in September 2023 in Velenje Slovenia hosted by our dear partner Šolski Center Velenje!



2nd TPM, September 2023

## CURRENT PROGRESS

### Bulgarian Schools and 3D Cultural Heritage

Three Bulgarian schools in the 3D printing project have formed teams and selected national heritage objects. They've taken a crucial step in choosing items from our cultural heritage. Using 3D printing, these artifacts will be recreated with love, honoring our nation's rich cultural legacy.

### Slovenian Students Create 3D Heritage Models

In the 2022-23 school year, 3rd-year Mechanical Engineering students at the School of Mechanical Engineering dove into computer modeling. Their final project? Crafting five 3D models showcasing Slovenian treasures like haystacks and water mills. This hands-on adventure boosted their skills and deepened their connection to local heritage.

Our project 3D Print was mentioned on regional TV in Slovenia.

Congratulations and thank you ŠOLSKI CENTER VELENJE!

### Meeting with Partners, Teachers and Students in Velenje, Slovenia

Our first day in Slovenia began at our partner's impressive facilities. We met teachers from partner schools who shared insights, but the highlight was the mind-blowing presentation about 3D printing by the Slovenian students. We toured their fantastic school and enjoyed a delicious lunch at their sister school of gastronomy. On day two, the team got together and started cooking up some fresh and exciting ideas for future projects that will take us beyond our amazing "3D Printing" journey. We outlined upcoming plans and milestones, leaving Slovenia brimming with inspiration for our global education exchange adventures. Our time in Slovenia left us buzzing with inspiration, and we can't wait to dive into more adventures in the world of global education exchange.



## PROJECT PARTNERS

