

Drones4STEM project is approaching their beneficiaries

The project **D4STEM** aims to support school education organizations in 4 countries (ES, GR, SI, IT) and across Europe in their efforts to deliver teaching methodology for helping students to develop relevant skills in STEM, using drones.

Trainers which represent the direct target group of the project have been involved in three ways so far.

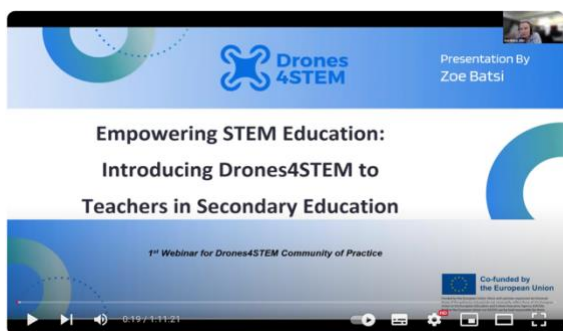


Training of Trainers in Ljubljana

During the 17th and 19th of December, the Drones4STEM trainers gathered in Ljubljana for an exciting training activity organized in the premises of SIC Ljubljana, in collaboration with the Hellenic Open University.

The first day was dedicated to the presentation of the training modules for teachers on the use of drone technology in STEM subjects. Participants had the opportunity to register in the e-training, navigate the course and give feedback to the developers.

During the second day, participants attended a hands-on workshop for the programming of the drones and testing the functionalities of the Use Cases for Smart Farming, Environmental Monitoring and Environmental Restoration.



Webinars

A first webinar to present resources available for teachers in order to introduce drones in classrooms has been held on 16th October. The recording is available on Youtube at <https://www.youtube.com/watch?v=nPAxxeo9dCE>.

A next Webinar will follow on the 26th of March at 14:30 CET where we will present the update related to the project outputs and the pilots in classroom.

Drones4STEM Community of Practice

The CoP has the ambition to act as a European “think tank”, where best practices, contemporary developments, lessons learned, cutting edge tools for Drones and STEM education will be shared. Currently it counts yet more than 80 members and interesting contents were yet posted!!!!

Becoming a member is easy!!! Just go to:
<https://www.facebook.com/groups/1150832056245424/>
We're waiting for you!!!!



TRANSNATIONAL PARTNERS MEETINGS

Milan (Italy), 17th-18th September and
Ljubljana (Slovenia), 19th December 2024



The partners of the Drones4STEM Project held their 2nd and 3rd transnational meetings in Milan and Ljubljana last autumn. The meeting in Milan allowed the partners to outline the structure of the 3 case studies that will refer to the pilots planned in the different countries and to decide the e-learning structure: Module 1 Drone technology and operations; Module 2: Basic Programming concepts for drones; Module 3: Ethics and safety; Module 4: STEM projects for the practical use of Drones in classroom.



The recent meeting in Ljubljana was an opportunity to evaluate the results from the training of trainers, to discuss improvements and modifications, and outline the next steps towards the finalization of the materials to ensure the pilot process can be delivered effectively. In addition, the next steps for the involvement of teachers and for the start of experiments in schools have been defined.

D4STEM Project partners....



Technical Education Centre Ljubljana (SIC Ljubljana) <https://www.sicli.si/is> a vocational and technical school, founded in 1962, which prepares students to enter the labour market or continue their education. It has three organizational units; The Secondary Vocational and Technical School, the Intercompany Education and Training Centre (Adult learning) and the Ježica Driving School which caters for all categories of driving licences. The Vocational and Technical school provides programmes in the fields of logistics, textile and mechanical engineering. Total number of employees is 130 and the number of learners is approximately 1200 students and 800 adult learners per year.

In the last ten years, the school has been actively involved in the process of renewal of vocational and technical education in Slovenia, with a strong emphasis on mastering the key competences and in the light of closer cooperation between education and the labour market.

The following courses are offered:

- a) Short-cycle vocational education – 2 years: Assistant in Technology Processes, Textile Reworker;
- b) Vocational secondary education – 3 years: Car Mechatronic, Vehicle Body Repairer, Industrial Mechanic, Metal Sharpener-Toolmaker, Tinsmith-Roofer, Dressmaker;
- c) Vocational-technical education – 3 + 2 years: Mechanical Engineering Technician, Automotive Service Technician, Technician of Mechatronics, Logistics Technician, Creator of Fashion Clothing.

STAY TUNED!



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