



AI&SUSTAINABILITY IN VET EDUCATION KICK-OFF MEETING IN BILBAO, SPAIN

On the 16th and 17th of January 2024, Politeknika Ikastegia Txorerrri S.COOP. (a Basque VET centre located in the north of Spain), had the honour of welcoming and hosting the first Transnational Project Meeting of the AI & SUSTAINABILITY Erasmus+ project.

During this first contact, all the partners were able to get to know each other and establish the first steps to follow. During the first day, the partners mostly talked and resolved any issues with the financial, travel and deadline aspects. The Consortium agreed on the main division of work in relation to Quality and Control, Promotion and Dissemination, Management and Financial, Risk Management and Exploitation plans, and Visual Identity Manual of the project. All the aforementioned tasks were agreed on on being created by the first of April.

On the other hand, the partners established the parts of the Educational KIT (part of the Tool Box for AI & SUSTAINABILITY) that would be later distributed among partners to create their respective 9 educational projects.



T OOL BOX FOR AI & SUSTAINABILITY

This Tool Box will be composed of:

- An AI KIT (microprocessor, cameras, sensors and actuators)
- A MooC to train teachers — AISVE: Artificial Intelligence and Sustainable Automated Vision for Environmental Solutions
- A resource centre (AISVE@ProjectHub) to share pedagogical projects with the VET community
- A network or community called #AISVEClub in the centres involved to disseminate knowledge and enable new developments.



COORDINATOR

***KAUNO TECHNOLOGIJOS
UNIVERSITETAS**

PARTNERS

- DDE B Athinas
- POLITEKNIKA IKASTEGIA TXORIERRI S.COOP
- DARICA ILCE MILLI EGITIM MUDURLUGU
- Sredno elektrotehnicko uciliste na Grad Skopje Mihajlo Pupin North Macedonia
- ASSOCIATION EUROPEENNE POUR LA FORMATION PROFESSIONNELLE
- Sucessos Criativos, Lda
- INSTITUTO POLITECNICO DO PORTO





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During our second day, the participants shaped the main ideas about the *Work Package 2 (WP2)-Capacity training for teachers - AI-SAVES: Artificial Intelligence and Sustainable Automated Vision for Environmental Solutions*. After defining the components of the Educational KIT on the first day, the Consortium agreed on Sucessos Criativos (SC) buying all the KITs for all the partners, to later on share them among the partners. The first KIT will be received in the first training for the teachers in Turkey (Darica); and the rest will be received after signing the Agreements with the diverse centres/teachers that would participate as associated partners by creating 1 project of their own with the KIT they will receive.

The date for the **first training in Turkey (Darica)** was also agreed on: **from the 16th to the 20th of September 2024**. Be prepared for the results!

Also, the dates for our **second training in Greece (Athens)** was decided: **from the 18th to the 22nd of November 2024**.



For our first training, it was decided that Instituto Politecnico Di Porto (IPP) and Sucesso Criativos (SC), our Portuguese partners, were to create a Handbook with a variety of projects that would capacitate the teachers assisting the training in the usage of the KIT (Hardware).

After getting to know the basics of the KIT, the second training in Athens will be centred on the Software, the coding and programming of the KIT to create the many various different projects. On this regard, each partner will need to think about ideas related to sustainability to create 9 different projects by organization, that will later on be uploaded in the project website (<https://ai-vet.eu>).

The next step, will be the establishment of the AI-VET CLUBS, where the participants of the diverse VET centres of diverse countries will have the opportunity to share their findings and help each other with the projects they will be creating with the KIT provided by the Consortium of the project.



Why AI and Sustainability?

Artificial intelligence (AI) and sustainability are increasingly vital in vocational education and training (VET) due to the evolving demands of the labour market and the need for environmentally conscious practices. AI is transforming many industries, creating a demand for workers skilled in operating and managing AI-driven systems. By integrating AI into VET, institutions can ensure students acquire these essential skills, keeping pace with technological advancements. AI also modernizes education by personalizing learning and enhancing hands-on training through simulations.

On the other hand, sustainability is crucial as industries shift toward green practices, requiring workers who understand eco-friendly technologies and resource-efficient methods. VET programs focused on sustainability prepare students for emerging roles in renewable energy and other green sectors, aligning with global efforts to address climate change.

Incorporating AI and sustainability into VET also contributes to economic growth, innovation, and global competitiveness. AI boosts productivity and drives innovation across sectors, while sustainability leads to cost savings and long-term business success. Together, they address skill gaps in the workforce, support the growing green economy, and foster lifelong learning. By focusing on these areas, VET programs equip students with the adaptability needed in a rapidly changing job market and encourage socially responsible, environmentally aware practices. This ensures that graduates are not only prepared for current industry needs but are also capable of leading in the development of sustainable and technologically advanced industries in the future.

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