



VETERANS

EDUGREEN in Petrila, Romania

A VET Education Program for Energy and Environment Capacities
development in the Western Balkans Entrepreneur Learners

Project Number: 101129468



Project: VETERANS – A VET Education Program for Energy and Environment Capacities development in the Western Balkans Entrepreneur Learners

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EDUGREEN, Petrila Romania

**Action: Capacity building in the field of VET (ERASMUS-EDU-2023-CB-
VET)**

**EDUGREEN Petrilla, Romania
09 & 15/03/2025- Travel Dates**

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EDUGREEN Training Action Report

VETERANS Project - WP4 / WP5 Contribution

1. Introduction and Context

EDUGREEN was implemented as a transnational train-the-trainers and pilot validation activity within the framework of the VETERANS project. The training action was designed to support the development, testing, and pedagogical validation of the VETERANS educational programme and its e-Learning platform, with a specific focus on **green skills education, experiential learning, and place-based sustainability practices**.

The activity was hosted in **Petrila, Romania**, and combined structured curriculum work, field-based learning, cultural immersion, and digital platform testing.

EDUGREEN served a dual purpose:

1. capacity building for VET trainers and associated stakeholders, and
2. large-scale pilot testing of the VETERANS e-Learning platform prior to its finalisation and translation.

2. Scope and Objectives of EDUGREEN

The main objectives of EDUGREEN were to:

- Validate the **content, structure, and usability** of the VETERANS e-Learning platform through real user interaction;
- Strengthen VET trainers' pedagogical competences in **green skills, sustainability, and experiential learning**;
- Connect green energy concepts with **local ecosystems, cultural heritage, and real-world sites**;

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- Collect structured feedback to inform **Task T4.4 (Feedback and Translation of the Platform)**;
- Foster transnational cooperation and peer learning among EU and Western Balkan partners.

3. Participants and Target Groups

EDUGREEN involved a **total of 78 participants**, including:

- **16 participants from the project consortium** (VET trainers, HEI staff, NGO experts);
- **62 external participants**, including VET trainers, educators, students, and local stakeholders.

Participants represented multiple countries and professional backgrounds, ensuring a broad and representative testing sample for both pedagogical content and digital tools.

This participant scale significantly exceeded the minimum requirements for pilot testing activities and provided a robust evidence base for platform validation.

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4. Methodological Approach

The EDUGREEN methodology followed a **blended, experiential, and learner-centred approach**, integrating:

- Curriculum review and lesson design workshops;

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- Field visits to sustainability-relevant sites;
- Structured debates and reflective sessions;
- Hands-on lesson planning and design thinking;
- Daily evaluation and feedback loops.

The learning design aligned with **GreenComp descriptors**, particularly:

- sustainability literacy,
- systems thinking,
- community engagement,
- and future-oriented problem solving.

5. Implementation Overview (Day-by-Day Summary)

The activity was implemented over **five core training days**, preceded and followed by travel days, as detailed in the official agenda

Agenda_VETERANS_EDUGREEN

Day 1 - Orientation and Curriculum Review

Participants were welcomed at Constantin Brâncuși Technical College in Petritu. The day focused on reviewing **Module I and Module II** of the VETERANS curriculum, combined with cultural immersion activities that linked local identity with sustainability narratives. The day concluded with structured evaluation.

Day 2 - Curriculum Co-Creation and Experiential Learning

Participants worked collaboratively on lesson creation for both curriculum modules. Field exploration of Bolii Cave provided a concrete case study for discussing geothermal potential, eco-tourism, and environmental preservation, reinforcing experiential pedagogy.

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Day 3 - Green Energy Case Studies in Practice

Field visits to Vulcano House and Zoe Gardens enabled participants to analyse geothermal energy, renewable systems, and sustainable landscaping. Discussions focused on translating real-world practices into classroom learning scenarios.

Day 4 - Lesson Design, Urban Sustainability, and Innovation

Participants developed debate activities, lesson plans, and urban sustainability case studies. Workshops addressed sustainable urban development, cultural heritage, and design thinking methodologies.

Day 5 - Pedagogical Integration and Final Debate

The final day centred on a structured debate titled *“Powering the Future: How Green Energy Curricula Can Be Integrated in the Classroom”*. Participants synthesised learning outcomes and provided final evaluations.

6. Platform Testing and Feedback Collection

A core component of EDUGREEN was the **testing of the VETERANS e-Learning platform**. All 78 participants accessed the platform as learners, testing:

- navigation and structure,
- module accessibility,
- multimedia content,
- quizzes and interactive elements,
- usability on desktop and mobile devices.

Feedback was collected through:

- daily evaluation sessions,
- structured feedback matrices,
- qualitative peer discussions.

This process directly fed into **Task T4.4**, supporting informed revisions and confirming translation readiness for most modules.

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7. Key Results and Outcomes

EDUGREEN achieved the following outcomes:

- Large-scale validation of the e-Learning platform with **78 testers**;
- Identification of concrete technical and pedagogical improvements;
- Strengthened VET trainer competences in green skills education;
- Development of lesson plans grounded in real sustainability contexts;
- High engagement and satisfaction levels reported in daily evaluations.

The activity demonstrated the feasibility and educational value of combining **place-based learning, digital tools, and competence-oriented curricula**.

8. Contribution to Project Objectives

EDUGREEN contributed directly to:

- **O3** (development and validation of the VETERANS educational programme),
- **O4** (training and upskilling of VET trainers),
- **WP4** (digital platform development and testing),
- **WP5** (pilot implementation and validation).

It also provided critical evidence for quality assurance and final reporting.

9. Conclusions

EDUGREEN represents a cornerstone activity of the VETERANS project. Its scale, methodological depth, and integration of digital and experiential learning ensured a

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rigorous validation of both the curriculum and the e-Learning platform. The training not only strengthened professional competences but also confirmed the project's pedagogical coherence, European relevance, and long-term applicability in VET systems.

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