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SUSTaiN
AI-enhanced Vocational Education for a Sustainable Future

SUSTaiN MAGAZINE

https://sustainvet.eu/

Orientation Days

TPM in Norway

Training Modules

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TPM in Norway

Advancing WP3: Building the AI Training Programme

A Warm Welcome in Stavanger

The meeting opened with a welcome session, an overview of the programme, and a guided tour of Fagskolen Rogaland's facilities. Partners had the opportunity to explore the host institution's modern learning environment and gain insights into Norway's approach to vocational education.

A key objective of this TPM was to develop the work programme for **WP3 – AI Training Programme**, led by **Olemisen Balanssia**. Discussions centred on designing practical and accessible AI learning modules tailored for VET teachers and students.

The consortium examined in detail the **structure**, **pedagogical approach**, and **content** of the modules, ensuring they will offer more than theoretical knowledge. The future training package will include **real-world case studies**, **reflection exercises**, and **hands-on tools** to help educators and learners confidently apply AI in their respective sectors.

Collaboration Beyond the Meeting Room

The meeting also provided valuable opportunities for informal exchange. Participants enjoyed a warm networking dinner at the **Phileas Fogg Restaurant**, followed by a field trip organised by the host institution.

After the official programme, partners experienced one of Norway's most iconic natural landmarks — **a hike to Preikestolen (Pulpit Rock)**—a memorable highlight that strengthened team spirit and concluded the Stavanger meeting on an inspiring note.

A Successful TPM Strengthening the Path Forward

The Stavanger TPM further reinforced the strong collaboration within the **SUSTaiN partnership**. Through constructive discussions, shared expertise, and coordinated planning, the consortium continues to develop high-quality educational resources linking **Artificial Intelligence and sustainability** in vocational education.

Orientation Days

Over the past three months, the three VET organisations within the consortium have hosted **Orientation Days** across their training centres to introduce the **Starter Kit** to teachers and trainers. These sessions aimed to raise awareness of the importance of Artificial Intelligence in **Agriculture, Water and Energy Management, and Transport**.
By engaging educators in hands-on demonstrations and practical discussions, the events helped highlight how AI can support innovation and sustainability across these key sectors.

Orientation Day in Norway

Big smiles and lots of new ideas at after the AI Enhanced Vocational Education for a Sustainable Future (SUSTaiN) Orientation Day held on 08th September 2025 by **Fagskolen Rogaland**. Teachers and trainers gained fresh insights into AI and sustainability skills and motivated to make a real impact in vocational classrooms. .

Orientation Day in Italy

Fondazione Luigi Clerici recently hosted on 30th October an inspiring Orientation Day at its VET centre in Pavia, bringing together 12 dedicated teachers and educators to explore the practical applications of Artificial Intelligence in teaching.
Through open dialogue, shared practices, and thoughtful discussions, participants exchanged insights and addressed key questions on how to integrate AI into their educational approaches.
By fostering a deeper understanding of AI in education, the event marked an important step in empowering educators to prepare learners for the future.

Orientation Day in Bulgaria

On November 14th, the **University of Transport "Todor Kableshkov"** successfully hosted its Orientation Day.
The event brought together educators, experts, and students for an inspiring session focused on the role of Artificial Intelligence in transforming the transport sector. Participants engaged actively in discussions, sharing ideas, practical perspectives, and innovative approaches that will contribute to shaping the future of sustainable mobility.
There was strong interest in the project's key outputs, including:& Energy Management, and Agriculture
The enthusiasm shown throughout the event highlights the importance of collaboration, innovation, and knowledge exchange in driving sustainable solutions across multiple sectors.

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Module 1: Introduction to AI and Sustainability for VET Educators

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Open Educational Resources

Within the SUSTaiN Project, the development of **Open Educational Resources (OERs)** plays a central role in equipping Vocational Education and Training (VET) educators with the tools, methods, and confidence to integrate **Artificial Intelligence (AI)** into their teaching. These resources are designed not only to build digital skills but also to promote **sustainability** across four key sectors: **Agriculture, Energy, Water Management, and Transport**.

Supporting Educators with Practical, Adaptable Tools
The OER package will provide a comprehensive set of **adaptable teaching materials** that VET educators can easily implement in their classrooms. These include:

- Clear and accessible resources for teaching **AI fundamentals**
- Guidelines for creating **AI-based assignments** inspired by real-world sector challenges
- Materials that reflect practical solutions and innovations within Agriculture, Water, Energy, and Transport

By focusing on both theoretical understanding and hands-on learning, the OERs ensure that vocational students can connect AI concepts directly to their future professional environments.

Embedding Ethics at the Heart of AI Education
A key aspect of the resource development is the emphasis on **ethical and responsible AI use**. All teaching strategies and materials created within WP3 are aligned with **EU values and ethical standards**, helping educators guide their students toward responsible digital innovation. This ensures that future professionals are not only technically skilled but also aware of the societal impact of AI-driven decision-making.

Contributing to the SUSTaiN Mission
These resources will enableVET educators to adopt **innovative approaches to AI education** tailored to Europe's most essential industries. By combining adaptable learning resources with a strong ethical framework, vocational education will be able to aligns with EU priorities and societal needs—ultimately fostering a workforce that is **technically competent, ethically informed, and ready to contribute to AI-driven sustainability.**

SUSTaiN

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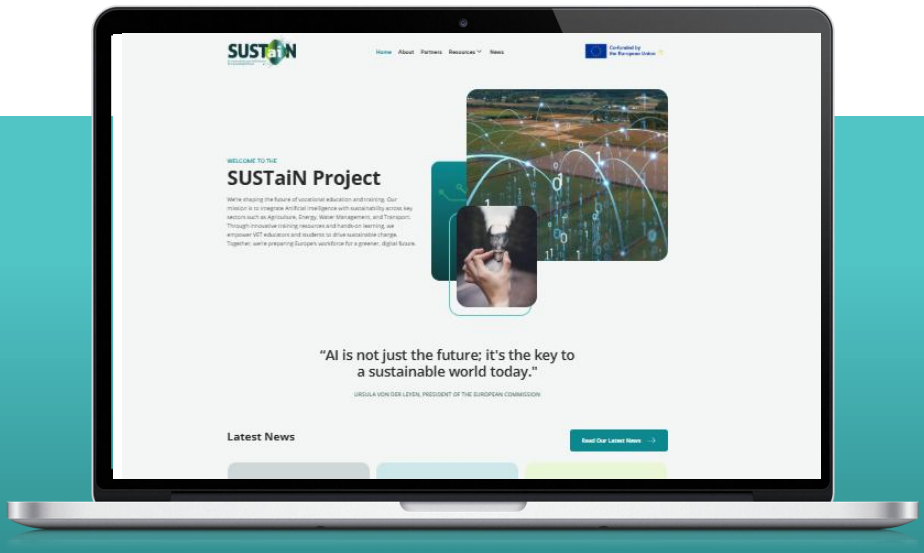

"AI doesn't replace human effort— it amplifies our ability to create a greener world"

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follow our journey

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