

# Sustainable Education in a Digital World: Harnessing Technology for Environmental Citizenship

Welcome to this comprehensive presentation on Work Package 5 of our Erasmus+ project. Hosted by Lycée des Métiers Vue Belle (France), this initiative explores how digital tools can serve as powerful levers for environmental education and citizenship development.

Over the next 14 slides, we'll explore the programme of our upcoming mobility week, detail each partner's contribution, and outline our collaborative approach to integrating sustainability principles into digital practices.

## Project Overview: Building a Sustainable Future Through Digital Education

### Main Theme

Building a sustainable future: How can digital technology serve as a lever for environmental and citizenship education?

### Key Objectives

- Integrate sustainability principles into digital practices and tools
- Finalise the "Collaborative Learning Platform" with sustainability resources
- Raise awareness about environmental issues related to digital technology
- Develop collaborative projects combining technology and ecology

### Host Organisation

Lycée des Métiers Vue Belle (France), situated in Réunion Island, a biodiversity hotspot with unique environmental challenges and opportunities

Work Package 5 represents the culmination of our project, bringing together digital innovation and environmental stewardship in a framework that can be implemented across all partner institutions.



# The Mobility Week at a Glance: LTTA 4 Programme



This intensive programme combines theoretical knowledge, practical application, field experience, and collaborative project development to create a holistic approach to digital sustainability education.

# Monday: Immersion in Digital Sustainability

## Morning Session (9:00 – 12:30)

- **Welcome and Introduction:** Official welcome by Lycée Vue Belle staff and administrators
- **Réunion Island Context:** Presentation of this unique biodiversity hotspot and its environmental challenges
- **"Digital Fresco" Workshop:** Interactive collaborative session exploring the environmental impact of digital technology (energy consumption, resource extraction, electronic waste)

## Afternoon Session (14:00 – 17:00)

- **Collaborative Learning Platform:** Unveiling the final version with all partners
- **Hands-on Workshop:** Practical session on integrating new sustainability features into the platform
- **Daily Reflection Circle:** Facilitated by myMobility (Macedonia)



This first day sets the foundation for the week by combining theoretical frameworks with practical digital tools, all within the unique environmental context of Réunion Island.

# Tuesday: From Theory to Ecological Practice



### Knowledge Sharing

Greek and Italian partners share successful environmental education projects from their institutions



### Content Creation

Workshop on designing eco-friendly digital educational content (lightweight files, energy-efficient formats)



### Project Development

International teams begin developing collaborative projects using the platform to address local or global environmental issues

Tuesday bridges theory and practice by combining the shared experiences of partners with hands-on creation of sustainable digital content and the initiation of collaborative student projects focused on environmental solutions.

# Tuesday: Stakeholder Dialogue on Sustainable Development

A dedicated day for crucial discussions with key stakeholders about the sustainable development strategy for Réunion Island.



## Political Representatives

Discussions focusing on local policies, legislative frameworks, and government initiatives to promote sustainability and digital ethics.



## Parents

Engagement sessions addressing the role of families in fostering environmental citizenship and digital responsibility within the community.



## Local Associations

Collaborative dialogues with NGOs and community groups to explore partnerships, leverage local expertise, and implement ground-level sustainable projects.

This day facilitates a multi-faceted dialogue, integrating perspectives from governance, community, and education to shape a holistic sustainable development plan.

# Thursday: Strategic Site Visit on Sustainable Development

As part of our programme, we will visit a key site related to sustainable development on Réunion Island.

**Visit to the Biodiversity Observatory:** This visit will provide an insightful look into the island's biodiversity monitoring efforts, conservation strategies, and environmental research initiatives vital to protecting Réunion's unique ecosystems.

Participants will have the opportunity to interact with experts, understand local challenges, and explore how technology supports biodiversity preservation and sustainable development goals.

# Thursday: Project Finalisation and Communication Strategy

## Morning: Communication Workshop (Led by Turkish Partner)

Students learn to effectively communicate environmental messages using digital tools through:

- Creating compelling short videos for social media
- Designing eye-catching visuals for maximum impact
- Developing targeted social media campaigns
- Crafting blogs and articles about environmental issues
- Adapting communication strategies for different audiences

## Afternoon: Project Finalisation

International teams work with teacher mentors to complete their collaborative projects, finalising:

- Project prototypes and demonstrations
- Presentation materials and talking points
- Dissemination plans for wider audiences



The Turkish team shares expertise in engaging youth through digital communication channels, helping students amplify the impact of their environmental projects.

# Friday: Digital Sustainability Festival

## Morning: Project Showcase (9:00 – 12:30)

The culmination of the week's collaborative work, the Digital Sustainability Festival features:

### Project Presentations

Each international team presents their digital solution to environmental challenges, demonstrating how they've used the Collaborative Learning Platform

### Expert Jury

Representatives from all partner organisations evaluate projects based on relevance, creativity, potential impact, and platform utilisation

### Interactive Showcase

A exhibition-style showcase allowing participants to explore all projects in detail and ask questions directly to creators

## Afternoon: Reflection and Recognition (14:00 – 16:00)

The programme concludes with feedback sessions on the week and platform, discussions on continuing projects in each country, an awards ceremony for outstanding projects, and distribution of Europass mobility certificates.

# Partner Roles and Responsibilities

The success of Work Package 5 depends on the coordinated efforts of all partners, each bringing unique expertise to the collaborative process.

| Partner                                | Country   | Primary Role                                | Key Responsibilities                                                                               |
|----------------------------------------|-----------|---------------------------------------------|----------------------------------------------------------------------------------------------------|
| Lycée Vue Belle                        | France    | WP5 Coordinator & Host                      | Logistics, Digital Fresco workshop, platform finalisation, final reporting                         |
| 2nd Secondary School of Peramatos      | Greece    | Inclusive Sustainable Pedagogy              | Workshop on inclusive environmental projects, ensuring accessibility, best practices documentation |
| Szkola Podstawowa Nr 10                | Poland    | Primary Level Adaptation & Project Learning | Adapting concepts for younger students, gamification workshop, practical guide creation            |
| Metis Genclik et Sports Kulubu Dernegi | Turkey    | Youth Engagement & Communication            | Communication workshop, mobility documentation, results dissemination campaign                     |
| Association myMobility                 | Macedonia | Impact Assessment & Community Engagement    | Evaluation tools, feedback sessions, impact analysis, TPM2 organisation                            |
| OMRD+ Exploration Centre               | Italy     | Technical Support & Innovation              | Platform technical integration, live support, data ethics workshop, technical documentation        |

This distribution ensures each partner contributes meaningfully based on their unique strengths while fostering genuine collaboration throughout the mobility week.

# Lycée Vue Belle (France): Coordinator Role



## Before the Mobility

- Coordinate logistics (accommodation, local transport, meals)
- Finalise the detailed programme for LTTA 4
- Prepare materials for the Digital Fresco workshop
- Ready the Collaborative Learning Platform for integration of new sustainability modules

## During the Mobility

- Host and facilitate welcome and closing sessions
- Lead workshops on digital sustainability and platform finalisation
- Facilitate exchanges between partners and ensure daily objectives are met
- Manage any logistical or pedagogical contingencies

## After the Mobility

- Compile and draft the final WP5 report
- Integrate the best student projects onto the platform permanently
- Coordinate follow-up activities with all partners

As both host and WP5 coordinator, Lycée Vue Belle plays a pivotal role in ensuring the mobility week delivers meaningful outcomes for all participants while showcasing Réunion Island's unique environmental context.

# European Partner Contributions



## Greece: Inclusive Environmental Education

The 2nd Secondary School of Peramatos brings expertise in making environmental education accessible to all learners, including those with learning difficulties.

- Co-facilitate workshop on creating "green" educational content with inclusivity principles
- Mentor student teams to ensure full participation regardless of ability
- Contribute "Best Practices for Inclusive Sustainable Education" to final report



## Poland: Youth Adaptation & Project Learning

Szkola Podstawowa Nr 10 specialises in adapting complex concepts for younger learners through project-based approaches.

- Develop "junior version" activities demonstrating how to adapt sustainability concepts
- Lead session on gamification for environmental education
- Create practical guide: "Launching Digital Sustainability Projects for Primary and Lower Secondary Schools"



## Turkey: Youth Engagement & Communication

Metis Genclik et Sports Kulubu Dernegi excels in non-formal education and engaging young people through effective communication.

- Lead workshop on creating engaging environmental communications
- Document the mobility week through photos, videos and interviews
- Spearhead social media dissemination campaign for WP5 results

# More European Partner Contributions



## Macedonia: Impact Evaluation & Community Engagement

Association myMobility brings significant expertise in European project management and community engagement strategies.

- Design evaluation tools for the mobility week (satisfaction questionnaires, project assessment rubrics)
- Conduct daily feedback sessions and final evaluation
- Lead discussion on implementing projects in local communities
- Analyse evaluation data and draft the "Impact and Evaluation" section of WP5 report
- Organise the final project meeting (TPM 2) in Turkey



## Italy: Technical Support & Digital Innovation

The OMRD+ Exploration Centre provides crucial technical expertise in software development and cybersecurity solutions.

- Analyse technical aspects of integrating sustainability modules into the platform
- Ensure platform stability throughout the mobility week
- Provide live technical support to students and teachers
- Lead mini-workshop on "Data Ethics and Security in Ecological Projects"
- Implement final technical adjustments based on mobility week feedback
- Draft technical documentation for the platform's sustainability module

This complementary distribution of responsibilities ensures that each partner contributes their unique expertise whilst creating a cohesive educational experience.

# Digital Sustainability Festival: Evaluation Criteria

The culminating "Digital Sustainability Festival" will showcase student projects developed during the mobility week. Projects will be evaluated according to these criteria:



## Environmental Relevance (25%)

- Addresses a genuine environmental challenge
- Demonstrates understanding of sustainability principles
- Shows awareness of local/global environmental contexts



## Innovation & Creativity (25%)

- Presents original approaches to environmental challenges
- Demonstrates creative use of digital technology
- Shows innovative thinking in combining ecology and technology



## Potential Impact (25%)

- Demonstrates feasibility and practicality
- Shows potential for measurable environmental benefit
- Presents clear implementation pathway



## Platform Utilisation (25%)

- Effectively uses the Collaborative Learning Platform
- Demonstrates understanding of the platform's sustainability features
- Project can be easily shared through the platform

Certificates and prizes will be awarded to outstanding projects in several categories, including "Most Innovative Solution," "Greatest Potential Impact," and "Best Cross-Cultural Collaboration."

# Next Steps: Preparing for Success

## Pre-Mobility Preparation

Each partner prepares their specific contributions according to their assigned roles

Lycée Vue Belle finalises logistical arrangements and programme details

## Final Project Meeting

TPM 2 in Turkey to evaluate overall project results

Planning for sustainability beyond the project lifetime



## LTTA 4 Implementation

Five-day mobility week at Lycée Vue Belle, Réunion Island

Development of student projects and educational resources

## Results Dissemination

Social media campaign led by Turkish partner

Integration of projects onto the Collaborative Learning Platform

## Impact Evaluation

Analysis of mobility week outcomes by Macedonian partner

Compilation of best practices and lessons learned

Through our collaborative approach to [Sustainable Education in a Digital World](#), we will equip students and teachers with the tools, knowledge, and motivation to become environmental champions in their communities and beyond.