





Shuttle as you wish!



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SHUTTLE & Education 5.0

- Promotes **interactive technologies** with focus on **shared value** and **social change**
- Develops **digital educational content** that engages learners while addressing security, safety and **ethical standards**
- Develops **employability skills** through digital collaboration and transdisciplinary learning
- Fosters **deep learning** of (meta)cognitive skills, emotional intelligence, social responsibility and ethical and sustainable behaviour
- Promotes **collaboration with multiple stakeholder groups** in and out of academia.

SHUTTLE & Transformational Leadership

To tackle future challenges, we need to **inspire educators, learners, and industry stakeholders** to co-innovate and collaborate.

The aim is to reach **holistic development goals**, integrating technology, sustainability, and human-centric learning.

SHUTTLE provides:

- **Skills and tools** with which to adapt to the rapid pace of digital and social change.
- Innovative **digital learning environments** for stakeholder collaboration and experimentation.
- **Training in 5 dimensions of transformational leadership**: digital leadership, business leadership, intercultural leadership, self-leadership, and collaborative leadership.



Keys to Transformational Leadership & Learning

1

Digital empowerment

2

Inclusion and collaboration

3

Personalised learning pathways

Keys to Transformational Leadership & Learning

4

Transdisciplinary skills development and deep learning

5

Ethical, human-centered (H2H), and psychologically safe learning

6

Privacy and security in the global digital environment



Digital Leadership

Leading the ethical use of AI

What is it?

- Critically exploring both the possibilities and risks of AI and other advanced technologies
- Sharing knowledge to encourage transformational learning and to foster digital skills and literacy

What is required?

- Critical thinking and self-directed learning
- Seamless integration of advanced technologies with digital well-being and the ethical use of AI
- Accessible, safe, and secure digital environments

What do learners gain?

- Skills to use digital technologies critically and ethically
- Personalised learning paths and experiences of applying digital tools efficiently and professionally



Business Leadership

Sustainable leadership and value creation

What is it?

- Businesses contributing to sustainable development and solving common human problems
- Creating shared value in dialogue with multiple stakeholders across sectors

What is required?

- Human-centered and transdisciplinary leadership skills
- Digital readiness to build new forms of connectivity and digital communities for shared value creation
- Purpose-driven collaboration among educators, businesses, non-profits, and policymakers

What do learners gain?

- Skills to listen to and analyse stakeholder needs
- Practise to inspire stakeholder engagement and collaborative efforts of thought leadership



Self-Leadership

Personalised goal-setting and growth

What is it?

- Fostering strategies that support self-direction, self-care, goal-setting, accountability, and motivation in personal and professional settings

What is required?

- Strategies and skills to develop self-awareness, stress management, self-motivation, and emotional regulation
- Learning environments that balance cognitive, social, and emotional dimensions of learning
- Tools to promote reflection and self-regulation

What do learners gain?

- Strategies and skills to leverage self-leadership in authentic and collaborative learning contexts
- Digital tools to enhance personalised learning and growth

Collaborative Leadership



Leading team dynamics

What is it?

- A networked, team-based, and partnership oriented approach to leadership in business and educational contexts

What is required?

- Cognitive scaffolding promoting non-hierarchical relations, knowledge sharing in teams, co-creation of novel ideas, and inclusion of diverse mindsets
- Open attitudes and approaches to co-creating dynamic learning ecosystems with diverse stakeholders and teams

What do learners gain?

- Appreciation of other points of view, mindsets, and positions
- Skills to negotiate values to promote interdependence, inclusion, and the cross-fertilisation of ideas

Intercultural Leadership



Bridging cultural and digital divides

What is it?

- Navigating self and others through cultural differences
- Promoting the ethical and inclusive use of digital technologies and environments

What is required?

- Engaging learners in real-world intercultural leadership challenges that integrate cultural knowledge with digital technologies and AI
- Critical awareness of both the possibilities and risks of AI tools and digital platforms for cultural inclusion and diversity

What do learners gain?

- Skills, attitudes, and digital tools for critical thinking, problem-solving, and intercultural professional communication

SHUTTLE Digital Learning Environment

1

Library of open educational resources to boost digital readiness and transformational leadership skills

OERs

Community

2

Living room for community building, human-to-human discussions, reflection, and value co-creation

3

Canteen for sharing recipes and enjoying case stories of digital empowerment, co-learning, shared value creation, and social change

Mentoring for
Transformation

SHUTTLE Results

Open educational resources, digital learning communities, events, and shared experiences

During the project, we create

1. A multidimensional **framework of transformational leadership** and learning
2. A curated and tested collection of **digital learning materials** fostering sustainable development, digital transformation and social change
3. Online and offline **trainings and events**
4. Opportunities to join **inclusive digital learning environments** for study, collaboration, discussion, knowledge-sharing and mentoring
5. Practical case studies, research publications, and presentations of **shared insights and best practices**.



SHUTTLE

Quality Criteria

Inclusive open learning

- **Inspires** sustainable change (=new ways of seeing, thinking, learning, behaving)
- **Empowers** responsible and ethical digital collaboration and participation
- **Fosters** digital, AI-enhanced and human-centred learning
- **Encourages** critical thinking and transdisciplinary problem-solving
- **Develops** empathy and emotional intelligence
- **Promotes** creativity and value co-creation
- **Supports** human well-being and community building in digital learning environments



Project Partners

SHUTTLE – Sharing Future Learning Environments in Higher Education and Lifelong Learning (2024-2027)

The SHUTTLE project brings together a diverse partnership from around Europe:

- University of Applied Sciences in Nysa, Poland (coordinator)
- Polytechnic University of Castelo Branco, Portugal
- Haaga-Helia University of Applied Sciences, Helsinki, Finland
- University of Chemistry and Technology in Prague, Czechia

Welcome to our SHUTTLE webinars, events, and digital learning environments!



**Co-funded by
the European Union**

Title: The Visual SHUTTLE Framework. Transnational Report: Part Two.

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SHUTTLE: Sharing Future Learning Environments in Higher Education and Lifelong Learning
Erasmus+ Cooperation Partnerships (Key Action 2)
Grant Agreement 2024-1-PL01-KA220-HED-000256359

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