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siner advanced skills institute

Erasmus+ Training

BUILDING A SUSTAINABLE FUTURE

CLIMATE EDUCATION & CIRCULAR ECONOMY

Enroll Here

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OID

Registered Provider

Portugal: E10201112
Poland: E10419682 **Spain:** E10417947

Language:
English

Area:
Environmental Education / Sustainability / Climate Action & Global Citizenship

Level:
Basic to Intermediate Professional Literacy

Course Description

Forging a sustainable future requires urgent climate action, environmental stewardship, and transformative education. As global climate change, resource depletion, and biodiversity loss reshape our world, educators play a critical role in equipping the next generation with the knowledge, values, and agency required to build resilient, net-zero communities.

This course explores key sustainability dimensions including circular economy practices, waste management, water conservation, energy efficiency, renewable power, and air quality. Participants will learn to integrate green values and transformative climate pedagogy into school curricula.

Through practical outdoor exercises, cross-curricular project design, and European peer collaboration, educators will develop actionable strategies to promote sustainable lifestyles and eco-friendly school operations. Educators will return home ready to lead green initiatives and foster global citizenship in their schools.

Learning Outcomes

- Analyze core sustainability principles, climate science literacy, and international frameworks (Earth Charter, UN SDGs).
- Evaluate institutional environmental impacts across waste streams, water usage, energy consumption, and air quality.
- Design cross-curricular sustainability projects and transformative learning activities for primary, secondary, or vocational students.
- Implement practical green practices (circular economy, plastic reduction, energy efficiency) in school management and daily life.
- Foster global citizenship values, environmental responsibility, and active eco-stewardship among learners.
- Collaborate with European educators to share green transition strategies and build sustainability networks.
- Enhance professional English communication skills and international mobility project capabilities.

Course Programme

5 DAYS

course code LTBSF024

All our courses include a daily standard Coffee Break

DAY 1

Sustainability Paradigms, Climate Literacy & Waste Management

- Sustainability frameworks: Earth Charter, UN SDGs, and climate crisis literacy
- Understanding waste streams: global plastic waste reduction, circular economy principles
- Auditing school/community environmental footprints

DAY 2

Water Resources, Marine Ecosystems & Conservation

- Water cycle dynamics, water quality threats, daily water conservation strategies
- Analyzing marine ecosystem depletion, microplastics, sustainable consumption
- Designing practical activities around water stewardship

DAY 3

Energy Efficiency, Clean Energy & Green Innovation

- Energy fundamental concepts: primary energy, energy efficiency, carbon footprint reduction
- Renewable energy sources: solar, wind, hydro, green innovations
- Developing student-led energy reduction projects

Our courses typically run ***from 08:30 to 13:30.***

This schedule is a tentative framework. Specific activities, session order and timings are subject to adjustments by the trainer/provider's discretion & objectives.

Course Programme

5 DAYS

course code LTBSF024

All our courses include a daily standard Coffee Break

DAY 4

Air Quality, Public Health & Transformative Climate Pedagogy

- Air pollution dynamics: indoor/outdoor air quality, health impacts, environmental policy
- Methodologies for transformative climate change education
- Group workshop: co-designing sustainability learning modules

DAY 5

Project Showcase, Green School Action Plan & Certification

- Presentation of participant sustainability projects and institutional green action plans
- Reflection on European environmental networks, dissemination strategies
- Course Roundup, Evaluation & Review
- Erasmus documents validation and Certification

Planned Schedule: *Our courses typically run from* ***08:30 to 13:30.***

This schedule is a tentative framework. Specific activities, session order and timings are subject to adjustments by the trainer/provider's discretion & objectives.

Course Programme

6 DAYS
course code LTBSF024

All our courses include a daily standard Coffee Break

DAY 1

Cross-Cultural Exchange, European Educational Context & Course Orientation

- Pre-Session work: Self Preparation to share your school's context, cultural background and completion of the Cultural Quiz.
- Welcome Session: Networking between participants and Erasmus+ team
- Icebreaking activities and sharing of European core values.
- Open space for participants to share ideas and discuss current challenges in the Education sector; collaborative opportunity to exchange future goals (activity).
- Week briefing and planning.

DAY 2

Sustainability Paradigms, Climate Literacy & Waste Management

- Sustainability frameworks: Earth Charter, UN SDGs, and climate crisis literacy
- Understanding waste streams: global plastic waste reduction, circular economy principles
- Auditing school/community environmental footprints

DAY 3

Water Resources, Marine Ecosystems & Conservation

- Water cycle dynamics, water quality threats, and daily water conservation strategies
- Analyzing marine ecosystem depletion, microplastics, sustainable consumption
- Designing practical activities around water stewardship

Day 1 (Sunday) combines flexible pre-session self-work with an in-person evening session starting at 19:00.
Days 2-6 typically run from 08:30 to 13:30.

This schedule is a tentative framework. Specific activities, session order and timings are subject to adjustments by the trainer/provider's discretion & objectives.

Course Programme

6 DAYS
course code LTBSF024

All our courses include a daily standard Coffee Break

DAY 4

Energy Efficiency, Clean Energy & Green Innovation

- Energy fundamental concepts: primary energy, energy efficiency, carbon footprint reduction
- Renewable energy sources: solar, wind, hydro, green innovations
- Developing student-led energy reduction projects

DAY 5

Air Quality, Public Health & Transformative Climate Pedagogy

- Air pollution dynamics: indoor/outdoor air quality, health impacts, environmental policy
- Methodologies for transformative climate change education
- Group workshop: co-designing sustainability learning modules

DAY 6

Project Showcase, Green School Action Plan & Certification

- Presentation of participant sustainability projects and institutional green action plans
- Peer review, reflection on European environmental networks, dissemination strategies
- Course Roundup, Evaluation & Review
- Erasmus documents validation and Certification

***Day 1** (Sunday) combines flexible pre-session self-work with an in-person evening session starting at 19:00.*
***Days 2-6** typically run from 08:30 to 13:30.*

This schedule is a tentative framework. Specific activities, session order and timings are subject to adjustments by the trainer/provider's discretion & objectives.

Full Documentation Learning Agreement; **Certificate of Attendance** (with detailed Learning Outcomes); Europass validation; and other required Erasmus+ supporting paperwork.

100% Eligible for Erasmus+ Funding (2021–2027) - Our courses are eligible to be completely funded by the Erasmus+ program.

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