CIRCULAR ECONOMY IN THE 2021-27 ERDF PROGRAMMING (SO 2.6):
joint workshop with the Warmian-Masurian Voivodeship (Poland)

(3rd October 2023)

Environmental Education

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Who we are

Fondazione Lombardia per l'Ambiente (FLA) - Lombardy Foundation for the Environment *is* an **Italian private** *non-profit foundation*, **with a legal status of body under public law –***established in 1986 (after the Seveso accident) by the Lombardy Regional Administration and five major universities of Lombardy*

it is a research body on environmental issues *to provide technical and scientific advice*

it is a Sectoral agency *for the regional policy-making in the environmental sector.*

Main area of intervention:

Education and communication

Research and planning

International Activities

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Main past experiences - FLA Partnership in European projects

Since 2005, FLA has been actively engaged in the partnership of projects belonging to different European programmes aimed at research and territorial development.

Only in the last planning period (2014-2020), FLA was involved as partner or Leaders in 14 research & cooperation EU projects; during the current programming period we are involved as a partner in 5 projects.

European programme	Project title	Number
ALPINE SPACE	ALPSTAR, OPEN-ALPS, YOURALPS, GOAPPLY, CHEERS (Lead Partner), LUIGI, ECOLE, H2MA, Forest ECOvalue	9
LIFE	(Integrated project) GESTIRE, GESTIRE2020, MASTER ADAPT, BIOSOURCE, (SNAP) NATConnect, (project) PREPAIR, RES2	7
INTERREG IVC and INTERREG EUROPE	ECREIN +, INNOGROW, AQUARES, INVALIS, INNOGROW E.A.	5
YOUTH IN ACTION and ERASMUS+	THINK GREEN THINK YOUNG, ECONAUTILIUS, ENVIRECA (Lead Partner)	3
MED	PROFORBIOMED	1
ADRION	TOUREST	1
INTELLIGENT ENERGY EUROPE	BRICKS	1

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Engagement in international organizations and networks

Since 2000 FLA is accredited as an NGO by UN Convention on Climate Change (UNFCCC)

FLA cooperates also with:

- The Alpine Convention
- The UN-ECE Convention on Transboundary Air Pollution (CLRTAP)
- The Carpathian Convention

- Four Motors of Europe
- Working Group Environment
- The Climate Group - Steering Committee
- Under 2 °C Coalition - Global Climate Leadership
- Memorandum of Understanding
- nrg4SD (now Regions4)
- EU Regions4 Vice
- Regions Adapt
- ENCORE
- WEEC

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Regional System of Environmental Education tools

FLA supports Lombardy Region providing technical advice and management for Environmental Education programs at regional level

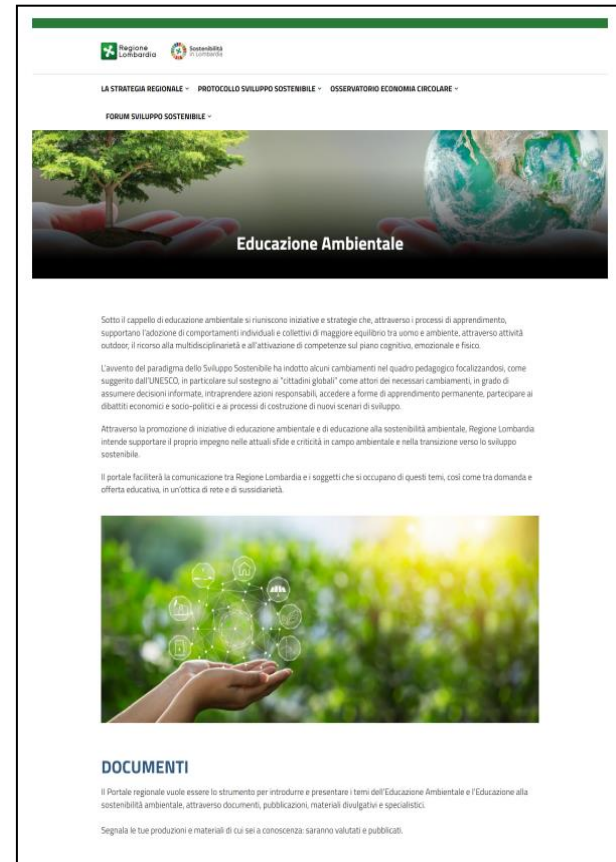## Regional platform on Environmental Education

- To promote regional Environmental Education initiatives, to enhance and give them visibility

- To facilitate communication between RL and the local entities dealing with these issues, as well as between educational supply and demand, from a networking and subsidiarity perspective.

News	Documents	Projects	Events

Fondazione Lombardia per l'Ambiente

Tender on Environmental Education proposals

https://www.bandi.regione.lombardia.it/procedimenti/new/bandi/bandi/ambiente-energia/parchi-aree-protette/proposte-educazione-ambientale-educazione-sostenibilit-2022-seconda-edizione-RLT12022025424

Goals are:
- To select high quality education projects for the development of environmental education and sustainability education in Lombardy;
- To enhance current initiatives or to encourage the creation of new ones;
- To grow the sustainable school model encouraging the system of environmental education networks;
- To support the growth of the culture of sustainability.

Regional Environmental Education Fair

Annual in-person event dedicated to environmental education, aimed at primary and secondary schools, with workshops, free educational courses, stands, exhibitions with guided tours on climate change, biodiversity, renewable energy, sustainable cities, circular economy

- to support the creation of the regional Environmental Education network and program;

- to highlight the activities of local entities that promote environmental education projects;

24-26 October 2023, Milano

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Events – Exibit on Scientific Knowledge

Scienze a Seveso
EXIBITS and MORNING CONFERENCES FOR SCHOOLS
AND EVENING CONFERENCES OPEN TO THE PUBLIC

5-11 November 2023

Fondazione Lombardia per l'Ambiente

Events - The Astronomy week
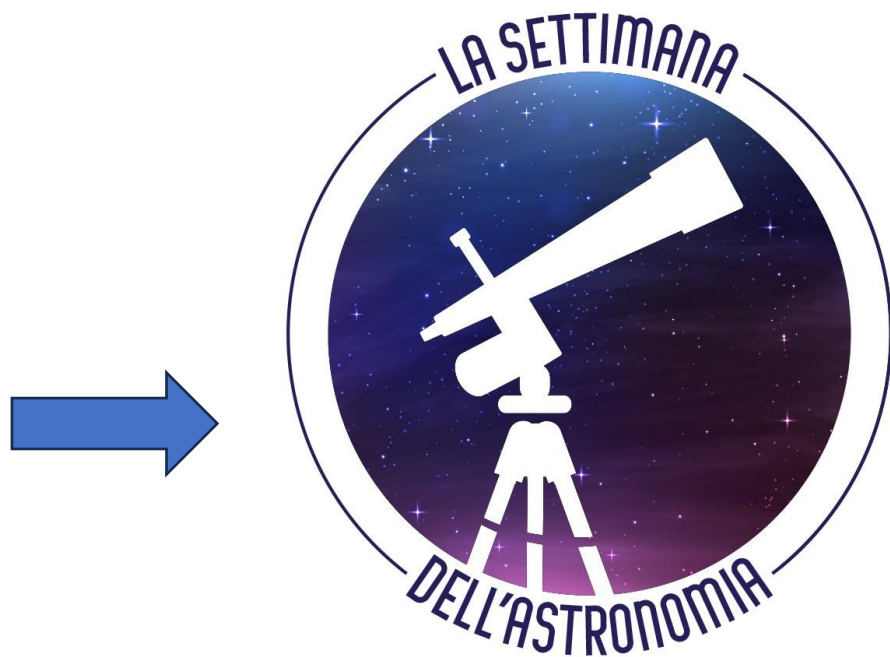
POLVERE DI STELLE. Dalle stelle alla Terra,
un pianeta speciale

- EXIBITS
- MORNING CONFERENCES FOR SCHOOLS, EVENING OPEN TO THE PUBLIC
- OBSERVATIONS OF THE SKY AT THE MERATE OBSERVATORY

17-23 March 2024

Fondazione Lombardia per l'Ambiente
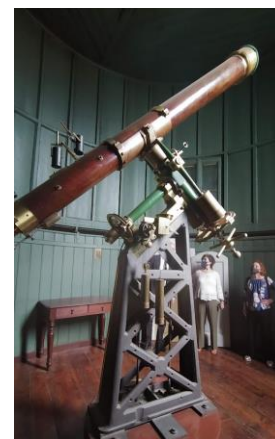
Proposals for the schools - pubblications
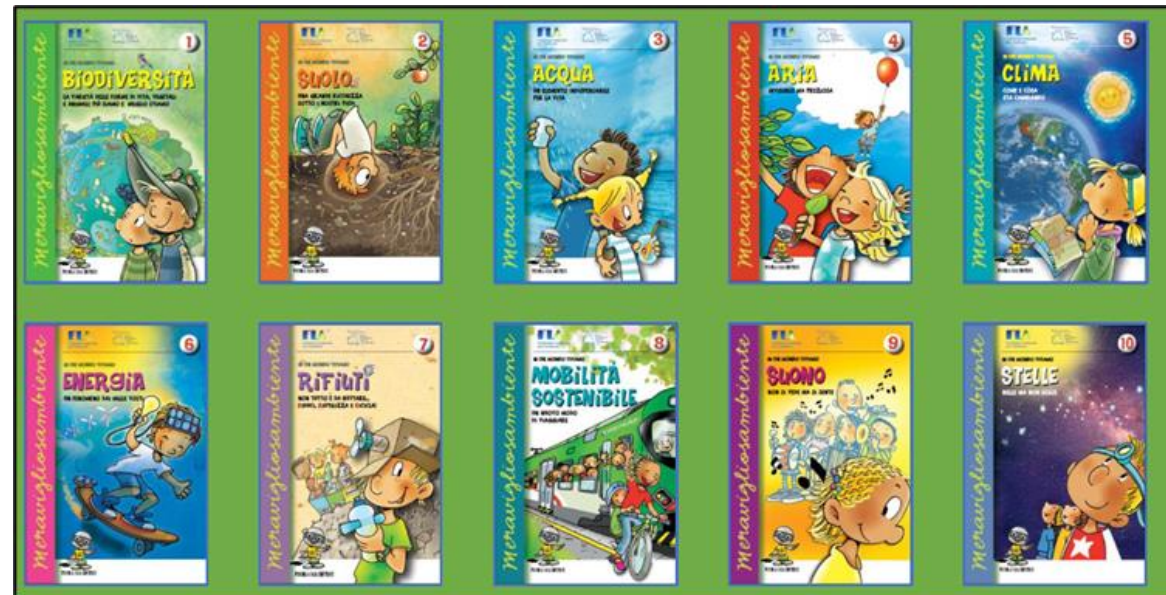
LIFE PROJECT RES2

PROJECT AIMS

The project aims to map and then overcome the green and digital skills gap in the Italian smart-building market, promoting the sustainability of the construction sector in Italy involving decision makers, businesses, NGOs, workers and administrations to develop 2030 roadmap towards the implementation of the green deal

FLA TASKS

identify the needs of skilled workers and professionals to prepare the necessary roadmap to fill the existing gap in skills and/or workers and/or professionals

HOW?

For the analysis of the needs will be taken into consideration workers and professionals involved in the design, installation and maintenance of all the technologies for energy performance of buildings, inviting them to workshops

Project RES2 – Living lab WORKSHOPS:

The organization of the workshops will follow three specific project phases:

PHASE 1: Workshop to present the status quo and the LIFE RES2 project to the invited stakeholders. In this phase, 11 workshops will be organized (3 in the north of Italy, 3 in the center regions of Italy, 3 in the south of italy, 2 in the islands), to identify the critical issues, highlight the status quo regarding the skills necessary to have a workforce adequately trained for the new needs.

PHASE 2: During the workshop the first draft of the roadmap will be presented. In this phase, 11 workshops will be organized necessary for the presentation of the first draft of the roadmap itself.

PHASE 3: During the workshops the final version of the roadmap will be presented. In this phase, 2 final workshops will be organized (hypothetically one in Milan, the other in Rome) for the presentation of the project results.

All the activities will be organized with a format that will create a win-to-win discussion, able to gather the desired information and feedback to proceed with other tasks and deliverables.

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Project Alpine Space ECOLE

Project general information

PARTNERSHIP COMPOSITION & COMPETENCES

- **Project ID:** ASP0100091
- **Project title:** ECO industrial park network for the Alpine Regions Leveraging smart and Circular Economy
- **Project acronym: ECOLE**
- **Programme priority:** Carbon neutral and resource sensitive Alpine region
- **Specific objective:** SO 2.2: Promoting the transition to a circular and resource efficient economy
- **Project duration:** 36 months
- **Project budget:** € 2,591,200
- **ERDF:** € 1,943,400
- **Start** 1/11/2022 – **End** 31/10/2025

TARGET		PARTNER	TARGET		PARTNER
Infrastructure and (public) service provider (PUB)	IT	LP - Consorzio ZAI Interporto Quadrante Europa	Higher education and research (PUB)	DE	Landshut University of Applied Sciences
Sectoral agency (PUB)		Trieste Economic Development Agency COSELAG	Business support organizations (PRI)		Italian-German Chamber of Commerce
Sectoral agency (PUB)	SI	Development Agency Sora	Higher education and research (PRI)	FR	Etablissement d'Enseignement Supérieur Consulaire Grenoble Ecole de Management
Higher education & research (PUB)		University of Ljubljana	Business support organizations (PRI)		Polymeris
Sectoral agency (PUB)	AT	Energy and Innovation centre of WEIZ	Higher education and research (PUB)	CH	University of Applied Sciences and Arts Western CH – School of Engineering & Architecture of Fribourg
Higher education and research (PUB)		University of Applied Sciences Upper Austria, Logistikum Steyr FH OÖ Research & Development GmbH	Sectoral agency (PUB)	IT	Lombardy Foundation for the Environment

Consorzio ZAI
Interporto Quadrante Europa

Fondazione Lombardia per l'Ambiente

Interreg Co-funded by

Project approach

HOW does the project tackle identified common challenges?

WHY is transnational cooperation needed to achieve project objectives and results?

Outputs

OVERALL OBJECTIVE: Speeding-up the transition towards more circular and resource-efficient industries in the Alpine Region by establishing an integrated model for Eco Industrial Parks (EIP) applying the circular economy (CE) principles not only to the product value chain, but also to the support functions.

The project will analyse & capitalise on the existing tools, Alpine policies & strategies for EIP as well as for CE considering energy efficiency, value chain, digitalisation but also general infrastructure, communities and governance.

PPs will co-design & co-set action plans for the selected pilot parks (in IT, SI, AT, DE, FR), where tools & methods will be locally adapted in quadruple helix groups.

set of solutions for EIP integrating the CE approach will be proposed as well as recommendations for different stakeholders.

ECOLE brings them a set of technical, economic and organisational solutions already tested by the partners. Transnational cooperation will speed up the adoption of CE in IPs (instead of separated and isolated experiments) thanks to the tools but also to the policy recommendations supporting CE in the territories

The proposed model, network and action plans will create stronger bonds & boost a greener alpine industrial ecosystem.

A **Systemic thinking community model** for the integration of circular economy in industrial parks

Guideline for CE principles in Eco Industrial Parks in the Alps: pilot actions report

Set of **jointly developed solutions** for industry SH combined with policy and strategy recommendations to boost the circular economy transition

Project Alpine Space ECOLE

FLA tasks in the project:

FLA is committed in the support of relevant regional networks composed by Public Administration Institutions, business community organizations, third sector stakeholders. FLA provides these networks with innovative methodologies and tools to improve the management and governance of more effective economic circularity and sustainability.

Expected outcomes:

- Regional governance models based on the role of sectoral regional agencies as technical support of the regional administration in adopting and upscaling innovation solutions and in boosting networks of industrial organizations, R&D representatives, local governments at municipal level;the provision of advices and recommendations to support policy implementation (EIA);

- Policy recommendation at national and transnational level in Alpine regions.

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Thank you!