

Regional Challenge Fund

- ▲ A practical handbook for educators on how to improve the environmental performance of schools



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 Austrian
Development
Cooperation

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On-line event

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THE HANDBOOK

What? - a “handy device” to enable integration of components and values of education for sustainable development in schools (*no matter at what level a school starts, where it is located or its socio-economic and cultural environment).

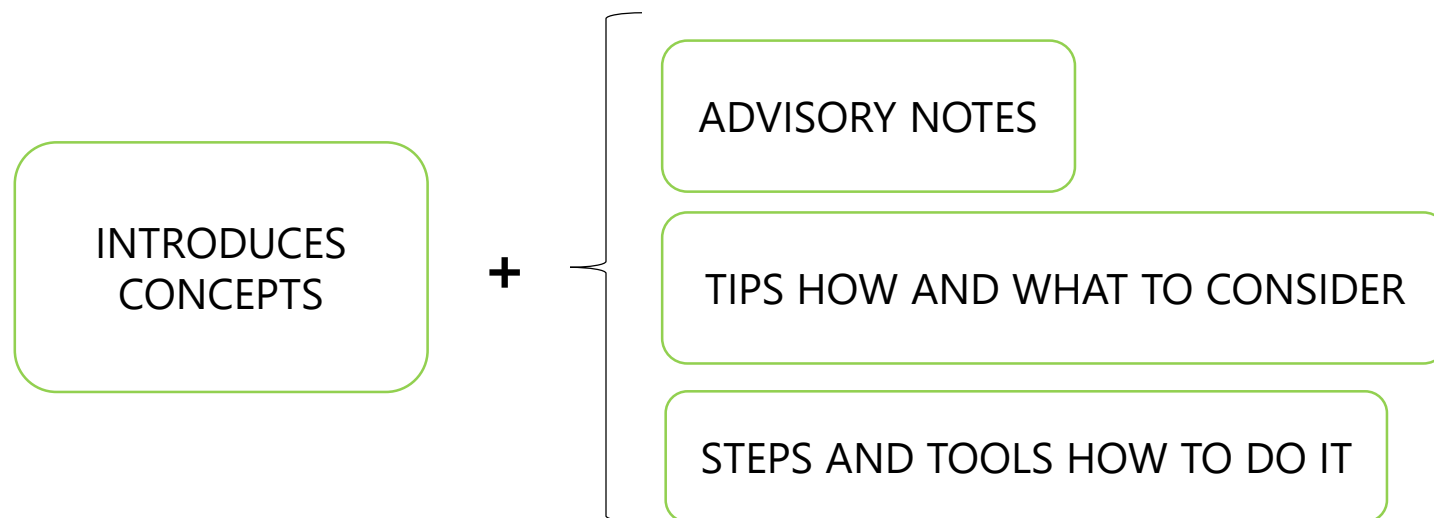
For Whom?

- all educators of primary and secondary education
- external evaluators, professional services of pedagogues and psychologists and others (educational services connected to the work of schools)

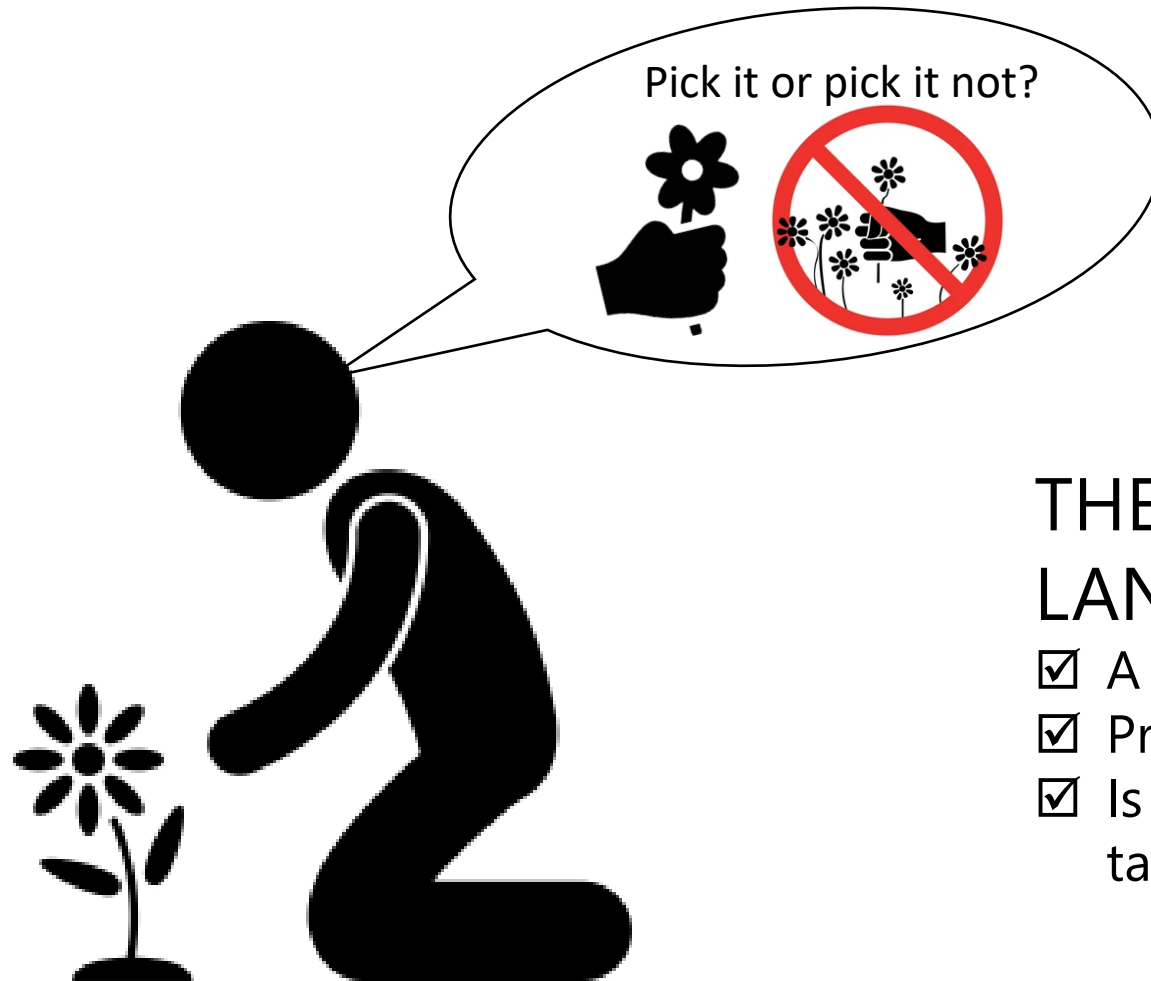
Visionary aim? - to inspire as many of you to start a domino effect of green schools in the Western Balkans and Republic of Moldova.

CONTENT & STRUCTURE

- ◎ SUSTAINABLE DEVELOPMENT (*milestones, SDGs, Agenda 2030, principles of sustainability*)
- ◎ SUSTAINABILITY AND EDUCATION: Concepts and strategies (*ESD, Why? How? Env. literacy*)
- ◎ SCHOOLS AS MODELS FOR SUSTAINABILITY – Steps towards an Eco-School (*Competences, School ESD Action Plan, Circular economy elements*)
- ◎ SCHOOL SELF-AUDIT ON RAISING A SUSTAINABLE SOCIETY (*Checklist*)



THE NARRATION AXIS



THE COMMUNICATION LANGUAGE OF THE HANDBOOK

- ✓ A dialogue with the reader
- ✓ Provides space for the freedom of choice
- ✓ Is positive and aims to boost motivation for taking action

SUSTAINABLE DEVELOPMENT

The handbook pays attention to provide with clear, comprehensive and up to date information on the concept of sustainable development and the global and country commitments towards the SDGs.

Clear and practical understanding of the sustainable development frames and commitments is considered crucial for the motivation and boost of schools into practicing education for sustainable development and improving environmental performance.



The sustainable EU path towards 2030

AGENDA 2030



EU GREEN DEAL



THE GREEN AGENDA FOR THE WB



GAWB rests on five main pillars which relate to the 12 SDGs targeted by the EU Green Deal initiative:

- 1) **Climate protection and decarbonization**, with the aim of reducing greenhouse gas emissions and aligning with EU's carbon neutrality by 2050;
- 2) **Moving toward a circular economy**;
- 3) **Reducing air, water, and soil pollution**;
- 4) **Promoting sustainable methods of food production**;
- 5) **Protecting biodiversity and ecosystems**.

SUSTAINABILITY AND EDUCATION:

Concepts and strategies

Why educate for SD?

As educators, you have a unique opportunity to shape your students to recognize and act in line with SDGs from very early age towards their adulthood, which will help them shape into informed, aware, proactive citizens responsive to the main issues defined by the SDGs.

How to educate for SD?

Sustainability is a global challenge and a responsibility of present and future generations. There are no right or wrong didactics on how to educate for sustainable development, but there is a broad consensus that this education should bring into the learning environment the active participation and meaningful engagement of the learner.

Schools - the irreplaceable units of environmental literacy

An environmentally literate person "Someone who demonstrates the knowledge, dispositions, competencies, and behavior to actively engage—individually or as a group—in addressing environmental challenges." There are different approaches on how to check if your school is contributing to an environmental literate society. In this Handbook we are showing some of them - Whole-School approach to sustainability and School Self Audit (with the checklist provided in the annexes of this Handbook)

SCHOOLS AS MODELS FOR SUSTAINABILITY – Steps towards an Eco-School

SHOULDN'T SCHOOLS PRACTICE WHAT THEY PREACH?



SCHOOLS AS MODELS FOR SUSTAINABILITY – Steps towards an Eco-School

◎ COMPETENCES FOR EDUCATORS IN EDUCATION FOR SUSTAINABLE DEVELOPMENT

1. Crosstabulation of quality learning with main characteristics of ESD
2. Important are personal aspects to check with your inner self

◎ DEVELOPING AN ESD ACTION/STRATEGY FOR YOUR SCHOOL

1. Getting started – Your school can be a green school!
2. Your school Initial Environmental Review
3. Green School Action Plan
4. Monitor, adapt and upgrade

◎ INTEGRATE CIRCULAR ECONOMY PRINCIPLES IN YOUR INITIATIVE OF GREEN SCHOOLS

DEVELOPING AN ESD ACTION/STRATEGY FOR YOUR SCHOOL

1. Getting started – Your school can be a green school!

- a) Do you dream of your green school? Share that thought and create the “Green Team”
- b) Set clear but flexible rules of operation for the “Green Team”

2. Your school Initial Environmental Review

- a) Review your school policies!
- b) Assess at what level sustainability is incorporated in the school curricula
- c) Review sustainability in school management and operations based on *Eco-mapping*
 - c.1 The big picture of your school site – what does it show?
 - c.2 Inflow and outflow analyses - What goes in and out of your school
 - c.3 Opinion poll
 - c. 4-9 Map out your school (*Waste Water, Water, Energy, Air quality, odor, noise and Biodiversity*)
 - c. 10 Organize, manage and communicate

3. Green School Action Plan

4. Monitor, adapt and upgrade

DEVELOPING AN ESD ACTION/STRATEGY FOR YOUR SCHOOL - Tools

1. ECO-MAPPING + ACTION PLAN
2. SELF-AUDIT CHECKLIST

- THEY ARE PRACTICAL
- EASILY ADAPTABLE – AND APPLY NOT ONLY TO SCHOOLS BUT TO COMPANIES, BUSINESSES, INSTITUTIONS, ORGANISATIONS AND ALL OTHER UNITS

Review sustainability with Eco-mapping

WHAT IS ECO-MAPPING?

a simple, visual and practical tool for scanning environmental good and bad practice, problems and impacts of an organization and to create an understanding of its current environmental situation. *Designed by eco-consultant Heinz-Werner Engel*

WHY ECO-MAPPING?

- It helps to define and prioritize their environmental problems and issues to act upon because:
 - 1) it is easy to understand;
 - 2) allows participation and involvement of more people and staff at this early phase of green approach;
 - 3) there is no need for huge environmental expertise to properly use it
- Eco-mapping is realized in 10 steps and includes a timeframe of one year

POLL

1. Have you ever heard about Eco-Mapping?
2. Have you ever used it?

SIMPLIFIED TEMPLATE

Environmental Theme: _____

Purpose of the review: Baseline Assessment Internal Audit Annual Review

DESIGN YOUR SCHOOL MAP HERE

✔ SIMPLIFIED TEMPLATE FOR SCHOOLS
(REPLICABLE)
✔ START SIMPLE – WASTE MANAGEMENT
AS A TOPIC

Environmental Problems:







Environmental Problems because of: Behavior Equipment Process Know-How

What is the most urgent action needed that you would propose?

ACTION PLAN

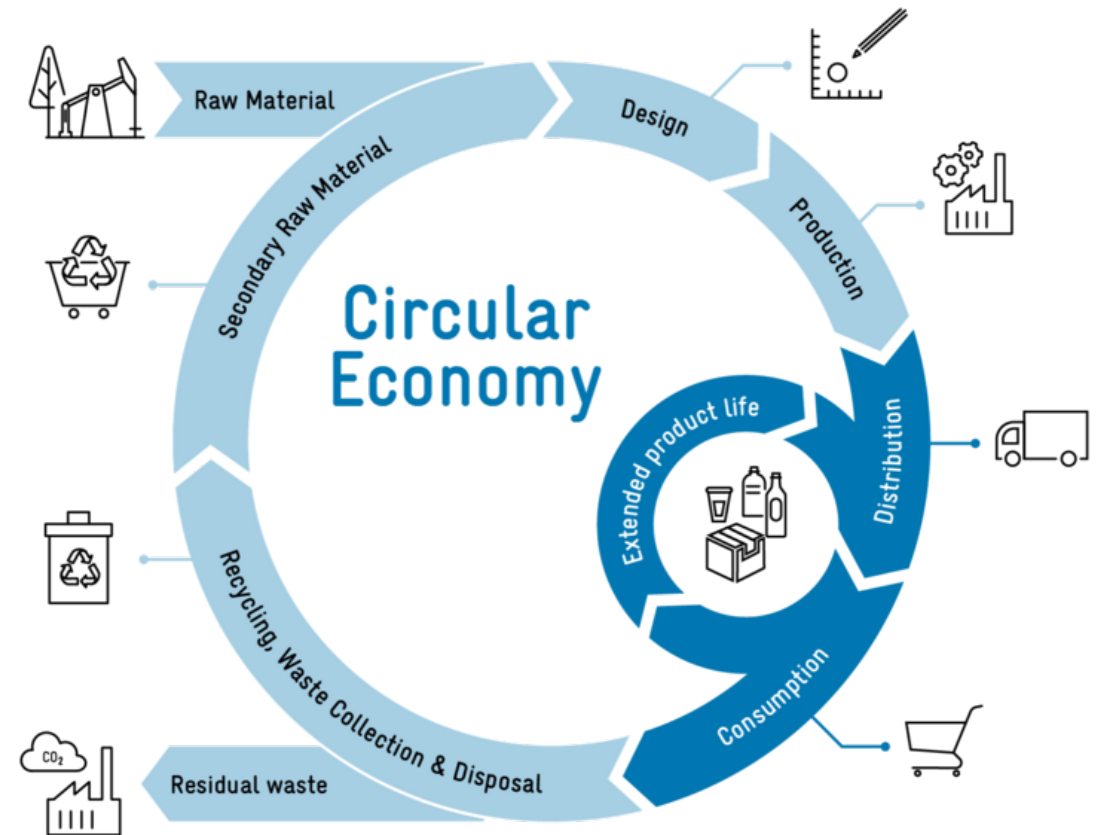
Theme:	Waste					
Identified problem 1:						
Objective:						
Expected Outcome	Activities that will help to achieve the outcome (What)	Responsible person (Who)	Deadline (When)	Financial cost (How much)	Actual Result	Suggested improvements
Outcome 1: _____						
<i>Indicators</i>						
1 _____						
2 _____						
3 _____						
Outcome 2: _____						
<i>Indicators</i>						
1 _____						
2 _____						
3 _____						

DEVELOPING AN ESD ACTION/STRATEGY FOR YOUR SCHOOL

"The circular economy is a system where materials never become waste and nature is regenerated.

Simply? The circular economy principle *invites* citizens, institutions, companies and *your school* to *act with "Zero Waste!"* approach.

👉 Does it require extra work and knowledge? Not really 😊!



Source: www.giz.de

SELF-AUDIT ON THE IMPACT FOR CREATING A SUSTAINABLE SOCIETY

...a simple checklist using, as a framework, the 9 principle of a sustainable society proposed from "Caring for the earth"

- 1) Respect and care for the community of life
- 2) Improve the quality of life
- 3) Conserve the Earth's vitality and diversity
- 4) Minimize the depletion of nonrenewable resources –
- 5) Keep within the Earth's carrying capacity
- 6) Change personal attitudes and practices
- 7) Enable communities to care for their own environment
- 8) Provide a national framework for integrating development and conservation
- 9) Create a global alliance

CONTRIBUTING IN RAISING A SUSTAINABLE SOCIETY					
☑ CHECKLIST					
Sustainability Principles	Does the School...	😊	😐	☹	Notes
Respect and care for the community of life	Have no discharges in the environment and especially neighborhood environment?				
	Provide shelter and care for different forms of life?				
	Build partnerships with environmentally friendly stakeholders?				
	Develop as a model in which pupils and local community act and grow together to enable sustainable development goals				
	Have a green policy and action plan?				
...					
Improve the quality of life	Provide a healthy environment for the pupils and all school members?				
	Provide with equal access to resources and information?				
	Ensure freedom of speech and a safety place?				
	Support pupils and school members to realize and upgrade their potential?				
	Conduct outreach programs focusing on health security?				
.....					
th's sity	Shelter and increase natural biodiversity in its indoor and outdoor environments?				
	Conduct outdoor activities to understand and preserve natural ecosystems?				



SELF-AUDIT ON THE IMPACT FOR CREATING A SUSTAINABLE SOCIETY

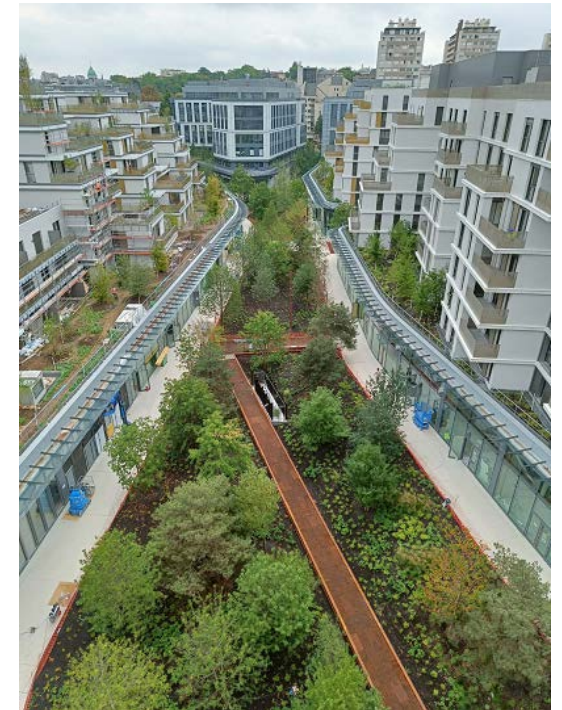
Sustainability Principles	Does the School...	😊	😐	😞	Notes
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	Build partnerships with environmentally friendly stakeholders?				
	Develop as a model in which pupils and local community act and grow together to enable sustainable development goals				
	Have a green policy and action plan?				
	...				

6. Change personal attitudes and practices	Play as a role model of ethics of living sustainably?				
	Follows a whole school approach for education for sustainable development?				
	Have a green action plan and yearly green objectives?				
	Does any member of the school participate and have leading opportunities in the Green School Initiative?				
	Demonstrate progress with sustainable objectives?				
	Have an open access communication and information lines?				
				

POLL

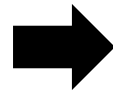
1. Have you as individual undertaken a green initiative?
2. Would you like to develop it further and make it the starting point to improve the environmental performance of your company?

SUCCESS STORIES



Issy-les-Moulineaux is a municipality on the outskirts of Paris which **has placed ecology at the core of its public policies**. Since the 1980s, the city has undergone an extraordinary urban transformation, resulting in particular from the reconversion of industrial wasteland along the banks of the Seine. Innovation and ecology is at the heart of Issy-les-Moulineaux's identity.

SUCCESS STORIES



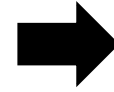
TE DASHUR BANORE TE PALLATIT,

QENDRA EDEN KA FILLUAR NDARJEN E MBETJEVE TE RICIKLUESHME NE ZYRAT E SAJ.

NESE KENI MBETJE QELQI, KARTONI, PLASTIKE DHE ALUMINI DHE DONI TI JEPNI ATYRE NJE PERDORIM TE RI, NE KOSHAT TONE KA VEND EDHE PER MBETJET TUAJA.

JENI TE MIREPRITUR SI SILLNI ATO NE ZYRAT TONA CDO DITE, NGA E HENA NE TE PREMTE, ORA 09 :00 – 16 :00.

JU FALEMINDERIT !



120L plastic waste x 2bins x 2 times/month

= **480L** plastic waste/month

= **5760L** plastic waste/year

= **691,200 plastic bottles of 1.5 L/ year**

120 L = 120 crushed plastic bottles of 1.5 L

Personal stories from ERI SEE Trainings...

Trainees started to collect cans after the training !!!

FINAL WORDS

- ✓ The handbook considers the educator as the engine of the practice for improving the environmental performance of schools
- ✓ It provides the educator with information on what and why to do and elaborates more on the practical terms on how to do it by considering each school reality and composition.
- ✓ It reminds to regularly check how the school environmental program is contributing to a sustainable society.

How to get the best from the use of this handbook:

- 👉 *Start from where you feel comfortable!* You may start your green school action from step 9, from page 12, page 32 or page 5. From the checklist in the last chapter or the general steps in the first chapter. It is not important indeed because all the steps are placed in the whole school approach circle and not in a line 😊
- 👉 *Contact us if you feel stuck!* 😊