

Environmental Education – OERs for Rural Citizens

EnvEdu-OERs project presentation

Camelia Draghici

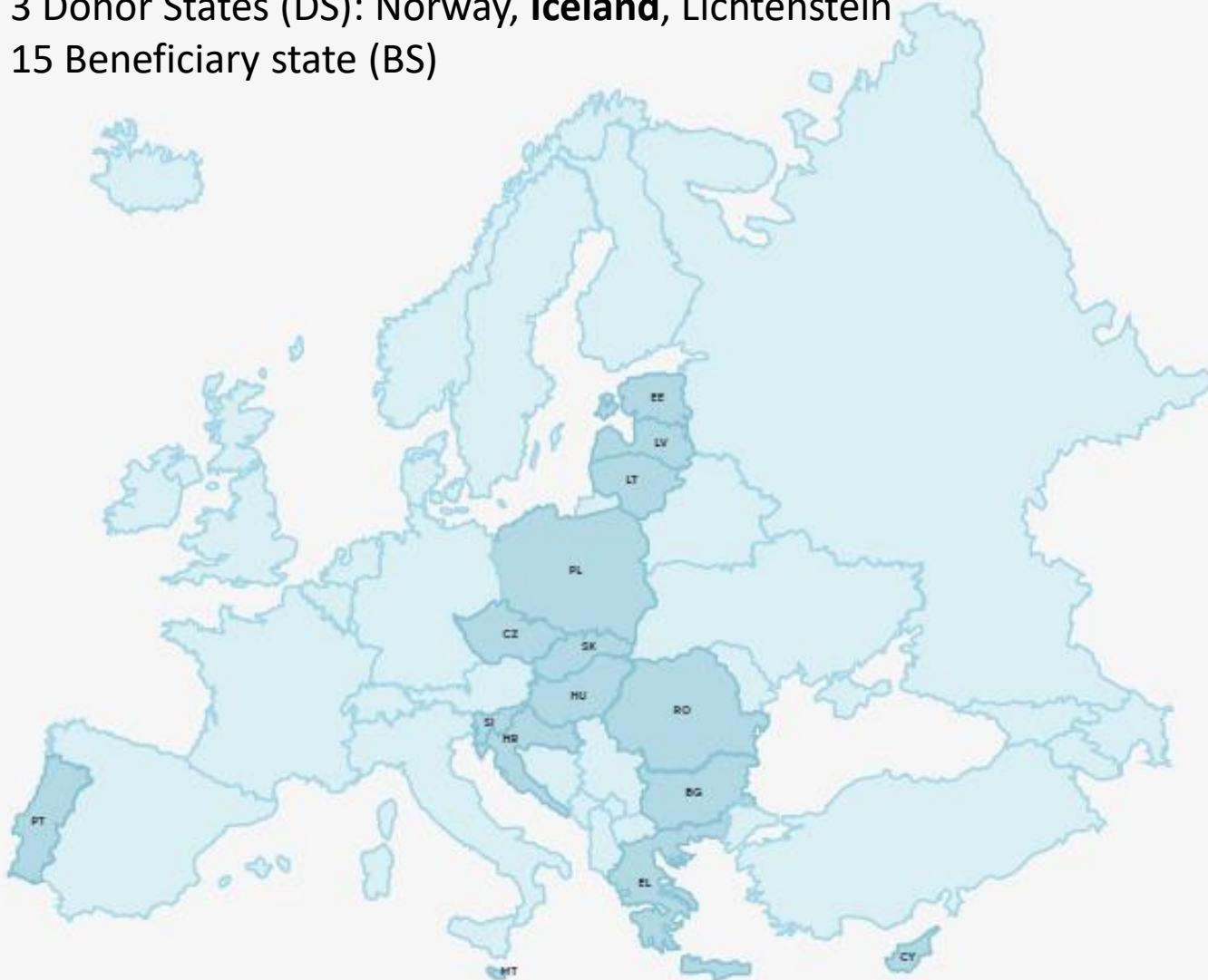


Transilvania
University
of Brasov


















EEA Financial Mechanism – eligible states

3 Donor States (DS): Norway, Iceland, Lichtenstein
15 Beneficiary state (BS)



Countries List

-  Bulgaria (BG)
-  Croatia (HR)
-  Cyprus (CY)
-  Czech Republic (CZ)
-  Estonia (EE)
-  Greece (EL)
-  Hungary (HU)
-  Latvia (LV)
-  Lithuania (LT)
-  Malta (MT)
-  Poland (PL)
-  Portugal (PT)
-  Romania (RO)
-  Slovakia (SK)
-  Slovenia (SI)



EEA Financial Mechanism for Romania

- 1. 2007-2009 - €98.5 million**
 - funded 69 projects
 - in areas as environment, health, cultural heritage

- 2. 2009-2014 - €305.95 million**
 - funded 830 projects
 - in 22 financing programmes

- 3. 2014-2021 – €502 million**
 - in 12 financing programmes (in progress)



EEA Financial Mechanism - 2014-2021

12 financing programmes established in the areas:

1. local development, reduction of poverty, Roma inclusion, children and youth at risk, human rights
2. renewable energy, energy efficiency, energy security
3. business development, innovation and SMEs
4. public health
5. research
6. cultural heritage, cultural entrepreneurship and cultural cooperation
7. justice, correctional services, fighting domestic and gender-based violence
8. home affairs, police cooperation and combating crime
- 9. education, scholarships, apprenticeship and entrepreneurship for youth**
10. social dialogue and decent work
11. active citizens – civil society
12. environment and climate change



The Education, Scholarships, Apprenticeships and Youth Entrepreneurship Programme (ESAYEP), 2014-2021

- **ESAYEP – for high education**
 - mobility projects in higher education
 - **cooperation projects in higher education**
 - preparatory visits for projects in higher education



Financed projects 2020 - Romania

Nr. crt.	Ref. number	Project title	Project promoter	Place	DS partner	Eval. points	Proposed buget (EUR)	Approved buget (EUR)	Reduced buget (EUR/ %)
1	19-COP-0031	HE-RO-IS strategic cooperation in hematology	Universitatea de Medicina si Farmacie „Iuliu Hatieganu”	Cluj-Napoca	Reykjavik University	98	191806	144153 (1)	47653 24.84%
2	19-COP-0025	Innovative Teaching methods for tomorrow’s Renewable Energy Specialists	Universitatea din Bucuresti	București	Reykjavík University	90	91551	65681 (5)	25870 28.26%
3	19-COP-0024	Neuroaesthetics Curriculum and Module	Universitatea „Stefan cel Mare”	Suceava	University of Bergen, Norwegian University of Sci. and Technology	86	198460	118483 (3)	79977 40.30%
4	19-COP-0042	SUBFLY – Students Democracy	Universitatea” Babes-Bolyai”	Cluj-Napoca	University College of Southeast Norway	85	140806	113986 (4)	26820 19.05%
5	19-COP-0038	Environmental Education – OERs for Rural Citizens	Universitatea Transilvania	Brașov	Reykjavik University	84	159580	128160 (2)	31420 19.69%
						total buget	782203	570463	211,740 27.07%

approved budget – second position (128160 EUR)
% of less budget reduction – second position (19,69%)

Project partners (2 and 3)

- Transilvania University of Brasov
 - UNITBV – Camelia Draghici

- Reykjavik University
 - RU – David Finger

- Bucharest University of Economic Studies
 - BUES – Cezar Simion

- “Gheorghe Asachi” Technical University of Iasi
 - TUIASI – Carmen Teodosiu

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Project relevance towards the objectives of the EEA Grants Program (5.1)

- Enhancing the human capital and knowledge base in Romania – areas of support:
 - **The enhancement of the quality and relevance of education and training**
 - **Professional development of teachers**



Project objectives (5.2)

- to develop specific training resources
 - 6 teaching modules (O1)
 - 4 conference papers (O2)
 - 1 learning platform (O3)
 - project website
 - 1 set of policy recommendations (O4)

- to implement project events
 - 2 multiplier events (ME) – TUIASI + UNITBV
 - 2 workshops – RU + BUES



Intellectual outputs – Teaching Modules (5.7)

- **TM1: Sustainable communities and social communication**
 - **UNITBV + RU**
- **TM2: Environmental Quality**
 - **UNITBV + RU**
- **TM3: Environmental Management, Impact and Risk Assessment**
 - **TUIASI**
- **TM4: Waste Management in Rural Communities**
 - **TUIASI + UNITBV**
- **TM5: Water Resources and Water Balance for Sustainable Community**
 - **RU**
- **TM6 Environmental Projects Management**
 - **BUES**



Teaching Modules 1 and 2 (6.6)

January 2021

TM1 Sustainable communities and social communication – Topics

- 1.1 Sustainable rural community development
- 1.2 Development of communication skills
- 1.3 Case studies in Romanian and Icelandic communities

TM2 Environmental Quality – Topics

- 2.1 Environmental Quality - Air, Water and Soil
- 2.2 Legislation Related to Environmental Quality
- 2.3 Case studies in Romanian and Icelandic communities



Teaching modules 3 and 4 (6.6)

January 2021

TM3 Environmental Management, Impact and Risk Assessment – Topics

- 3.1 Environmental Pollution and Integrated Management Practices
- 3.2 Environmental Impact and Risk Assessment (EIRA)

TM4 Waste Management in Rural Communities – Topics

- 4.1 Waste Management in Rural Communities
- 4.2 Biomass Waste. Household Waste
- 4.3 Waste Collection, Treatment and Valorization



Teaching modules 5 and 6 (6.6)

January 2021

TM5 Water Resources and Water Balance for Sustainable Community – Topics

- 5.1 Water Resources
- 5.2 Waste Water Management in Local Communities
- 5.3 Sustainable Practices for Improving the Water Cycle in Local Communities

TM6 Environmental Projects Management – Topics

- 6.1. Phases of Environmental Projects.
- 6.2. Resources Management. Risk Management
- 6.3. Good Practice Examples



OERs development / module (2 ECTS) (6.6)

January 2021

- textual introduction to the module – M coordinator
- 1 **video** introduction to the module – M coordinator
 - **at least 3 min.**
- **min. 60 min** of **video lessons** and/or commented slides – OERs developer/ author
- **text-based learning resources** – OERs developer/ author
 - **min. 30 pages**
- **2-3 intermediate tests** (self-evaluation) – OERs developer/ author
- **1 final test** (final evaluation) – OERs developer/ author
- **bibliography** – OERs developer/ author



OERs development / 2 ECTS (6.6)

January 2021

- **Languages**
 - Romanian
 - English
 - translation



Conferences participation/ papers (6.6)

September 2021

- **International Conference on Environmental Engineering and Management (ICEEM)**
 - organized by TUIASI
 - 8-10 September 2021 at MuttENZ, Switzerland
- **International Management Conference (IMC)**
 - organized by BUES
 - November 2021 at Bucharest
- **Chimia 2021 si Chimia 2022**
 - organized by Ovidius University
 - May 2021/ 2022 at Constanta
- **Others... as identified during the project life time**



Conferences participation/ papers (6.6) September 2021

Papers related to – Environmental education

- Modules/ topics subjects
- Environmental project management
- Others... on the project subject



Project website and learning platform (6.6)

January 2021

- **Will be hosted on the UNITBV server**
- Will be developed, administrated and maintained by UNITBV team
- **Anca and Eugen – UNITBV**



Policy recommendations (6.6)

May 2021

- One set of policy recommendations (PR), in three important areas:
 - **involvement of citizens in maintaining the environment clean in rural communities**
 - responsible partner **UNITBV**
 - **sustainable practices in waste management for rural communities**
 - responsible partner **TUIASI**
 - **environmental projects conception, planning and implementation**
 - responsible partner **BUES**



Multiplier events (6.7)

May 2021

- **ME1 Sustainable practices in waste management for rural communities**
 - organized by TUIASI
 - May 2021
- **ME2 On site working with the local rural representatives**
 - organized by UNITBV
 - April 2022



Workshops (6.8)

June 2021

- **C1 Workshop** to share Icelandic experience in transition to sustainable practices in local communities and lessons learned by policymakers in developing regional and local strategies
 - organized by RU
 - June 2021
- **C2 Workshop** in the framework of the International Management Conference – IMC
 - organized by BUES
 - November 2021



Timeline of Activities (6.9)

	M 1	M 2	M 3	M 4	M 5	M 6	M 7	M 8	M 9	M 10	M 11	M 12	M 13	M 14	M 15	M 16	M 17	M 18	M 19	M 20	M 21	M 22	M 23	M 24		
Project activity*	nov 20	dec 20	ian 21	feb 21	mar 21	apr 21	may 21	jun 21	jul 21	aug 21	sept 21	oct 21	nov 21	dec 21	ian 22	feb 22	mar 22	apr 22	may 22	jun 22	jul 22	aug 22	sept 22	oct 22		
A1 (UNITBV)																										
A2 (RU)																										
A3 (TUIASI)																										
A4 (BUES)																										
TPM1 (UNITBV)																										
TPM2 (RU)																										
TPM3 (BUES)																										
O1 (teaching modules)																										
O2 (conference papers)																										
O3 (learning platform)																										
O4 (policy recommendations)																										
M1 (TUIASI)																										
M2 (UNITBV)																										
C1 (RU)																										
C2 (BUES)																										

A	project management and implementation activities
TPM	transnational project meetings
O	intellectual outputs/ activities
M	multiplier events
C	learning/ teaching/ training activities (workshops)

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Dissemination means (8)

- learning platform (January 2021 – UNITBV)
- website (January 2021 – UNITBV)
- multiplier events (May 2021 - TUIASI)
- workshops (June 2021 - RU)
- participation to conferences (May 2021 – CH)
- published papers (September 2021)
- social media (Facebook, Instagram, Twitter)
- others...



Financial aspects – budget UNITBV

	Budget chapters	@ partner	Intel. outputs	No. part. (hours)	No. days	Per day (hour)	Travel	Per part.	Budget	Obs.
						(EUR)				
1	Project management and implementation (500 EUR/ month)								12000	
2	Transnational project meetings (TPM)	RU (2)		3	5	106	530		3180	
		BUES (3)		3	5	106	180		2130	
3	Intellectual outputs		O1	140		74			10360	TM
			O2	20		74			1480	papers
			O3	130		74			9620	platform
			O4	10		74			740	PR
4	Multiplier events	from RO		80				100	8000	
		from IS		2				200	400	
	TOTAL UNITBV								47910	

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Financial aspects – budget RU

	Budget chapters	@ partner	Intel. outputs	No. part. (hours)	No. days	Per day (hours)	Travel	Per part.	Budget	Obs.
						(EUR)				
1	Project management and implementation (250 EUR/ month)								6000	
2	Transnational project meetings (TPM)	UNITBV (1)		3	5	106	530		3180	
		BUES (3)		3	5	106	530		3180	
3	Intellectual outputs		O1	70		214			14980	TM
			O2	20		214			4280	papers
	TOTAL RU								31620	

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Financial aspects – budget TUIASI

	Budget chapters	@ partner	Intel. outputs	No. part. (hours)	No. days	Per day (hour)	Travel	Per part.	Budget	Obs.
1	Project management and implementation (250 EUR/ month)								6000	
2	Transnational project meetings (TPM)	UNITBV (1)		3	5	106	180		2130	
		RU (2)		3	5	106	530		3180	
		BUES (3)		3	5	106	180		2130	
3	Intellectual outputs		O1	140		74			10360	TM
			O2	20		74			1480	papers
			O4	10		74			740	PR
4	Multiplier events	from RO		35				100	3500	
		from IS		2				200	400	
	TOTAL TUIASI								29920	

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Financial aspects – budget BUES

	Budget chapters	@ partner	Intel. outputs	No. part. (hours)	No. days	Per day (hour)	Travel	Per part.	Budget	Obs.
						(EUR)				
1	Project management and implementation (250 EUR/ month)								6000	
2	Transnational project meetings (TPM)	UNITBV (1)		3	5	106	180		2130	
		RU (2)		3	5	106	530		3180	
3	Intellectual outputs		O1	70		74			5180	TM
			O2	20		74			1480	papers
			O4	10		74			740	PR
	TOTAL BUES								18710	

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To be discussed/ decided/ defined by the consortium – first TPM

- **Extension of the project for one more year – 36 months (vs 24 months)**
 - in order to have the possibility to use travel money too
 - same budget
- **Implies**
 1. request to the NA and the new timeline
 2. renew the contract between NA and UNITBV
 3. renew all the partnership agreements between UNITBV and the partners



To be discussed/ decided/ defined by the consortium – first TPM

1. target group to which the teaching modules are developed for

- local administration representatives
- school teachers, graduate persons
- students (optionally)

2. syllabi, teaching modules

- credits/ ECTS
- contents, learning outcomes, learning activities



To be discussed/ decided/ defined by the consortium – first TPM

3. OERs development

- contents
- relevance of self- and final evaluation

4. languages



To be discussed/ decided/ defined by the consortium – first TPM

5. target group to which the policy recommendations are addressed for
6. expected changes in attitudes and behaviors at local level will be evaluated
 - will be developed by the UNITBV – SC group
 - and agreed by the project group



To be discussed/ decided/ defined by the consortium – first TPM

7. **responsible for the project quality assurance** – BUES will be proposed
8. **SWOT analysis** (strengths, weaknesses, opportunities and threats) – BUES



To be discussed/ decided/ defined by the consortium – first TPM

9. partners' commitment regarding the project results' exploitation, beyond the project life time
 - teaching modules, learning platform, policy recommendations

10. questionnaires for the local administration
 - Romanian and English versions



Possible questions to be addressed to

- To UNITBV

- To the Romanian National Agency (NA)



Congratulations to our colleagues

Florin Nechita – UNITBV

Cezar Simion – BUES

This week were appointed to
assistant professor position!!!

Very good start for our project