





Open Educational Resources for Environmental Education and Environmental Citizenship

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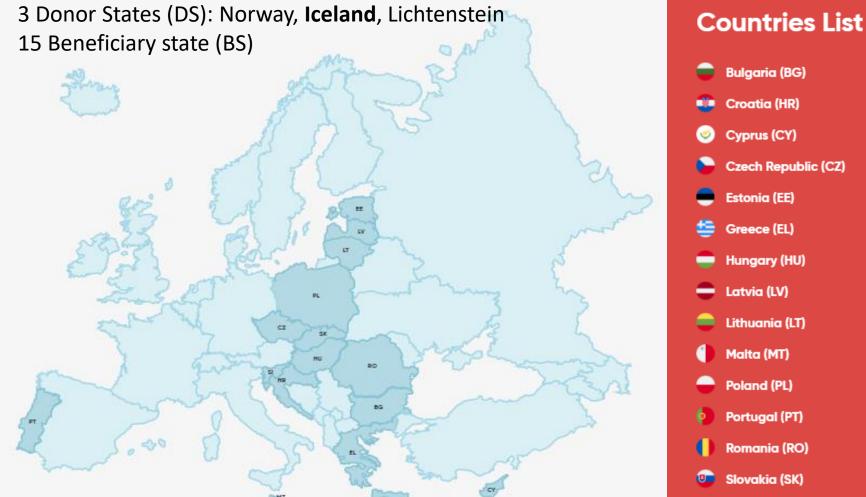






Slovenia (SI)

Economic European Area – EEA Financial Mechanism



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Environmental Education – OERs for Rural Citizens (EnvEdu – OERs) <u>https://eeagrants.org/countries</u>







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 youth entrepreneurship
- 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)

Cooperation projects in higher education

13 applications in 2019; 5 financed projects starting with 2020

Nr.	Ref. number	Project title	Project promoter	Place	DS partner
1		07	Universitatea de Medicina si Farmacie "Iuliu Hatieganu"	Cluj-Napoca	Reykjavik University
2			Universitatea din Bucuresti	Bucureşti	Reykjavík University
3			Universitatea "Stefan cel Mare"	Suceava	University of Bergen, Norwegian University of Sci. and Technology
4	19-COP-0042	· · · ·	Universitatea" Babes- Bolyai"	Cluj-Napoca	University College of Southeast Norway
5			Universitatea Transilvania din Brasov	Brașov	Reykjavik University

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Environmental Education – OERs for Rural Citizens Project partners

- Transilvania University of Brasov, Romania
 UNITBV Camelia Draghici
- Reykjavik University, Iceland
 - RU David Finger
- Bucharest University of Economic Studies, Romania
 BUES Cezar Petre Simion
- "Gheorghe Asachi" Technical University of Iasi, Romania
 TUIASI Carmen Teodosiu







Project objectives

- Development of the intellectual outputs
 - O1 teaching modules
 - O2 conference papers
 - O3 learning platform
 - project website
 - O4 policy recommendations
- Implementation of the project events
 3 transpational project meetings (TPM)
 - 3 transnational project meetings (TPM) 2*UNITBV + RU
 - 3 multiplier events (ME) TUIASI + 2*UNITBV
 - 2 workshops RU + BUES







Intellectual outputs – O1 Teaching Modules

TM1: Sustainable communities and social communication

UNITBV + contribution from RU (case studies)

TM2: Environmental Quality

UNITBV + contribution from RU (case studies)

TM3: Environmental Management, Impact and Risk Assessment TUIASI

TM4: Waste Management in Rural Communities

TUIASI + contribution from UNITBV

TM5: Water Resources and Water Balance for Sustainable Community

RU + contribution from TUIASI

TM6: Environmental Projects Management



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O1 Teaching Modules – OERs development/ module

- **1 video** introduction to the module TM coordinator
- video lessons and/ or commented slides OERs developer/ author
- text-based learning resources OERs developer/ author
- 2-3 intermediate tests (self-evaluation) OERs developer/ author
- 1 final test (final evaluation) OERs developer/ author
- bibliography OERs developer/ author

Languages: English + Romanian (translation needed)







Intellectual outputs – O2 conferences papers

1. Finger D.C., Draghici C., Perniu D., Smederevac-Lalic M., Halbac-Cotoara-Zamfir R., Sehic A., Kapović Solomun M., **The Importance of International Collaboration to Enhance Education for Environmental Citizenship**, Sustainability 2021, 131, 326 <u>https://doi.org/10.3390/su131810326</u>

2. Simion C. P., Draghici C., Vrincuț M., Jiroveanu D.-C., Anghel F., **A Comparative Analysis of Time, Cost** and Risk Approaches in Romanian and Icelandic Environmental Project Management <u>http://conferinta.management.ase.ro/archives/2021/pdf%20IMC%202021/1%20pdf%20S1%20IMC%20</u> 2021/1 9.pdf

3. Simion C.P., Anghel F., Vrîncuț M., Jiroveanu D., Draghici C., Finger D.C, Environmental Projects Management in Romania and Iceland – Comparative Analysis Based on Case Studies and Good Practice Elements <u>http://conferinta.management.ase.ro/archives/2022/pdf_IMC_2022/1_20.pdf</u>

4. Salca Rotaru C., Draghici., Finger D.C, **Tools for the Adequate Application of the Environmental** Legislation for the Waste Management

http://conferinta.management.ase.ro/archives/2022/pdf_IMC_2022/1_22.pdf

5. Draghici C., Simion C. P., Teodosiu C., Finger D.C., Environmental Education – OERs for Rural Citizens. Project Management and Result

http://conferinta.management.ase.ro/archives/2022/pdf_IMC_2022/2_14.pdf







Intellectual outputs – O3 learning platform

- hosted by the UNITBV server
- <u>https://edu.unitbv.ro/course/index.php?categoryid=44</u>
 - UNITBV team
 - training online meeting
 - tutorials for creating the account and connecting to the Moodle platform (both for teachers and students)
 - administration and maintenance
 - BUES, TUIASI & RU teams
 - connected as teachers
 - uploading documents







Intellectual outputs – O4 Policy recommendations

Two printed brochures, Romanian and English versions

- 1. Waste Management in Rural Communities. Legal Approach and Recommendations
 - responsible partner TUIASI
 - contribution from UNITBV
- 2. Policy Recommendations for the Conception, Planning and Implementation of Environmental Projects as well as for the Involvement of Citizens in Maintaining a Clean Environment in Rural Communities
 - responsible partner BUES and UNITBV
 - contribution from RU







Project events

 Transnational project meetings (TPM) **TPM1** – January 2021, UNITBV, online **TPM2** – 16-18 June 2022, RU **TPM3** – 9-11 March 2023, UNITBV – Multiplier events (ME) **ME1** – 27 May 2022, TUIASI ME2 – 20 October 2022, UNITBV **ME3** – 27 October 2022, UNITBV – Workshops (C) **C1** – 19 May 2022, RU **C2** – 4 November 2022, BUES (IMC 2022)







Dissemination and communication

Conferences participations and presentation

- Chimia 2020 (Constanta, 2021)
- RESOURCEFUL CITIES 6th Transnational Meeting Mid Term Reflection (Bucharest, 2021)
- International Conference on Environmental Engineering and Management (ICEEM 2021 & 2023)
- International Management Conference (IMC Bucharest, 2021 & 2022)
- Think Green. The Culture of Sustainable Urban Development (Timisoara, 2023)







Dissemination and communication

- learning platform <u>https://edu.unitbv.ro/course/index.php?categoryid=44</u>
- website <u>http://envedu.unitbv.ro/en_US/</u>
- published papers
- dissemination by the project operator (National Agency ANPCDEFP
- multiplier events (TUIASI & UNITBV) press communications
- UNITBV News Letter
- social media (Facebook, Instagram, Twitter)
- day-by-day dissemination...

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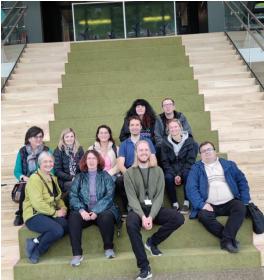


Transnational project meeting and workshop @ RU visits @ SOPRA & Hellisheiði Geothermal Plant









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Multiplier event @ TUIASI





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Multiplier event @ Prejmer village, Brasov county

Multiplier event @ Bod village, Brasov county





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Workshop @ IMC 2022, Bucharest



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You are invited to visit the EnvEdu-OERs project website <u>http://envedu.unitbv.ro/en_US/</u>



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