

OPEN EDUCATIONAL RESOURCES FOR LEARNING WASTE MANAGEMENT IN RURAL COMMUNITIES

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1. Motivation and study aim

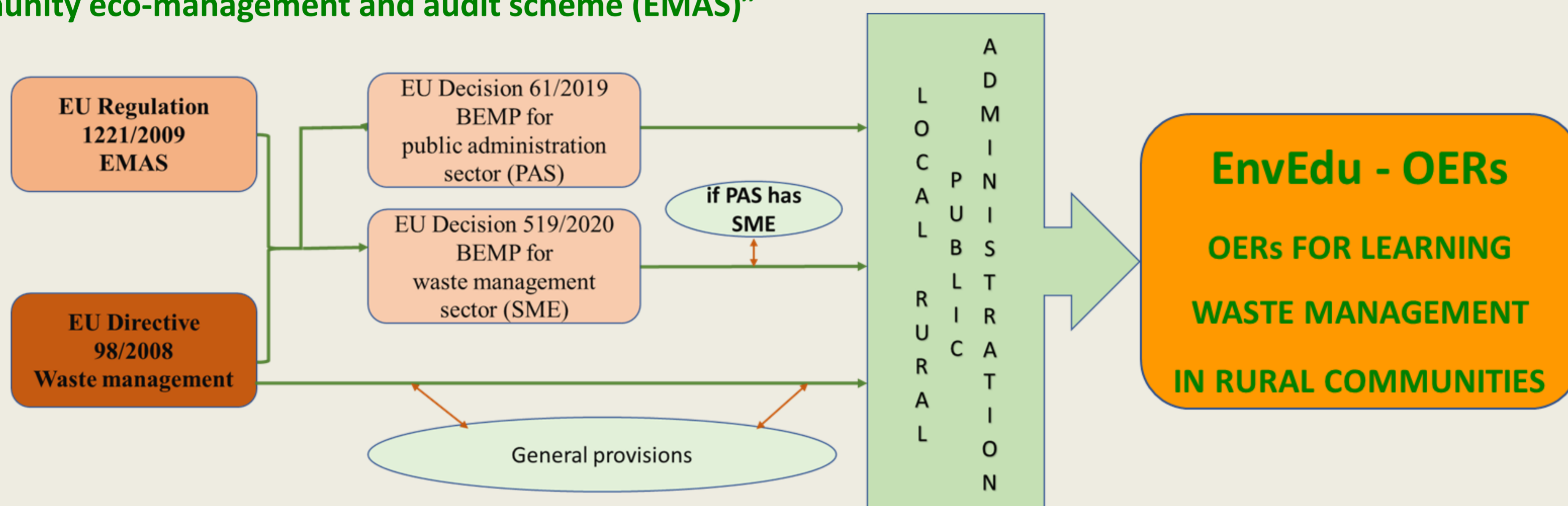
- ! lack of waste management education at the local rural public authorities and rural communities
- ! harmonization of two EU Decisions is needed, so that their effective implementation should avoid the overload of the activity of the local rural public administration

The present study aims to highlight the opportunities and barriers identified to the implementation of two EU Decisions at the level of local rural public authorities

Waste management is a general responsibility of the society, regardless the organization form, especially of the following types of organizations:

- ✓ any public or private organization that generates wastes – with specific regulations in the EU Directive 98/2008
- ✓ public administration sector (at national/ local level), responsible for the development and implementation of the public policies in domain – with specific regulations in the EU Decision 61/2019
- ✓ waste management sector/ companies (public/ private/ SME), organizations that have nomenclature of economic activities codes (NACE) in this field – with specific regulations in the EU Decision 519/2020

The two decisions are under the EU Regulation (EC) 1221/2009 “on the voluntary participation by organizations in a community eco-management and audit scheme (EMAS)”



2. EnvEdu – OERs – project partnership

- ✓ Transilvania University of Brasov (Romania) UNITBV – coordinator
- ✓ Reykjavik University (Iceland) RU
- ✓ Bucharest University of Economic Studies (Romania) BUES
- ✓ Gheorghe Asachi Technical University of Iasi (Romania) TUIASI

3. Project objectives (selection)

- ✓ to develop specific training resources
- ✓ 6 teaching modules (O1)
- ✓ 1 learning platform (O3) – Moodle UNITBV
- ✓ 1 set of policy recommendations (O4)

4. Teaching modules

- ✓ 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

TM4: Waste Management in Rural Communities

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

5. Conclusions

- ✓ EnvEdu – OERs will develop training modules/ topics/ units for Environmental Education as OERs.
- ✓ EnvEdu – OERs will manage a virtual space on which the Moodle platform will be organized, where all the OERs will be available for free
- ✓ EnvEdu – OERs will develop a set of policy recommendations for sustainable practices in waste management for rural communities

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