





# OPEN EDUCATIONAL RESOURCES FOR LEARNING WASTE MANAGEMENT IN RURAL COMMUNITIES

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### Waste management general responsibility of the society

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

!!!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)







### Study aim

To present the needs to develop

- open educational resources (OERs) and
- a set of policy recommendations

that gives indications how the public administration obligations should be harmonized in order to obtain a unitary application of the two EU decisions: Decision 2019/61 and Decision 2020/519







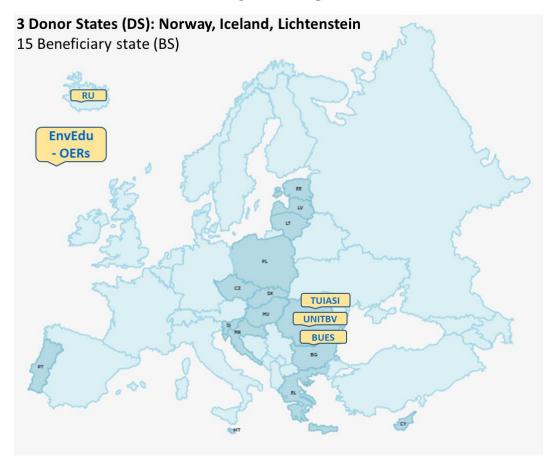




## Environmental Education – OERs for Rural Citizens (EnvEdu – OERs) EEA project

#### **HEIs partnership:**

- Transilvania University of Brasov
   (Romania) UNITBV
- 2. Reykjavik University (Iceland) RU
- 3. Bucharest University of Economic Studies (Romania) BUES
- 4. Gheorghe Asachi Technical University of Iasi (Romania) TUIASI









### Environmental Education – OERs for Rural Citizens (EnvEdu – OERs) project

Project objectives – development of intellectual outputs (selection):

- > 6 teaching modules (TM), as open educational resource (OERs)
  - ➤ TM2 Environmental Quality of which one topic will be related to the environmental quality legislation (including waste management legislation)
- ➤ e-learning platform where the developed OERs will be available for the target groups
- > policy recommendations for the local rural public administration







### Survey on the perception of the public administration representatives and rural citizens

- 1. Initial survey before the project application
- 2. Survey developed and distributed to the public administration representatives and rural citizens
- general aim: to find out the perception of the public administration representatives from rural communities concerning the environmental opportunities and problems in their communities
- questions: 19 open questions + 6 questions for socio-demographic data
- language: Romanian + English (work in progress)
- target groups: public administration representatives and rural citizens 27 respondents (19 with HE degree)
- survey distribution period: April June 2021
- selected questions: for the perception on environmental legislation and waste management related one

https://docs.google.com/forms/d/1xuTuTC8Oyy1oKPl3DPUYj5dK2hcF6id8VVcQ2Gk0o04/edit

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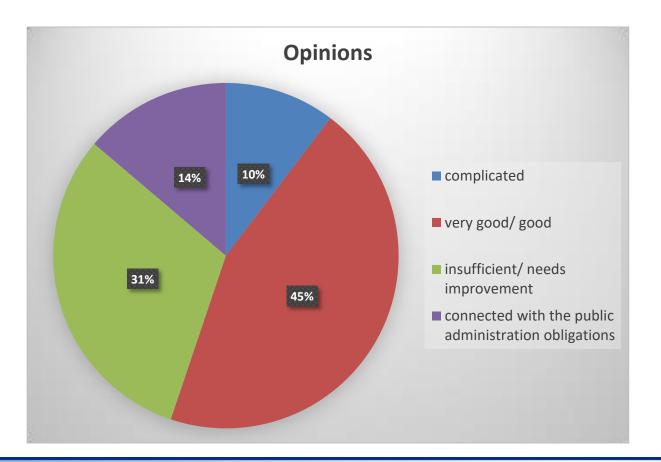


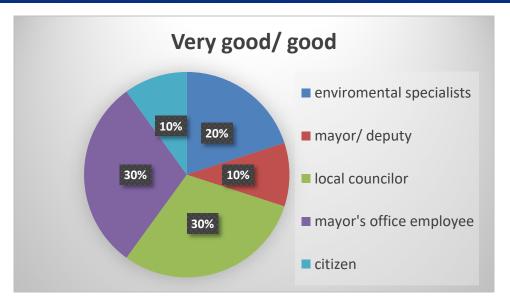


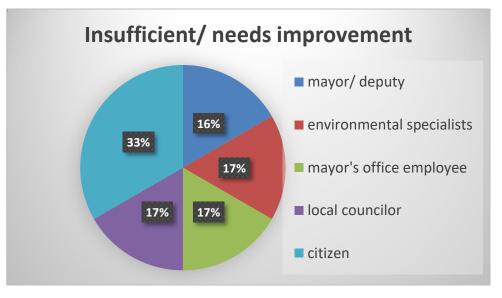
#### **Transilvania** University of Brasov

#### Survey results – selection

Q11 What do you think about the current legislation on the quality and protection of the environment?





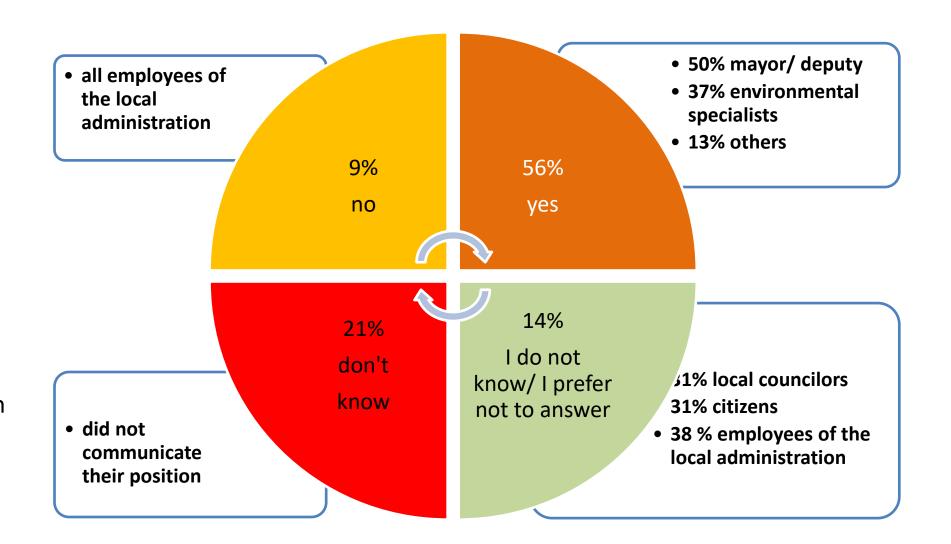








Q12 Are there any decisions of the local council concerning environmental protection or its resource valorisation?







Q12.2 If not, which subject(s) would you consider for a future decision initiative of the local council?

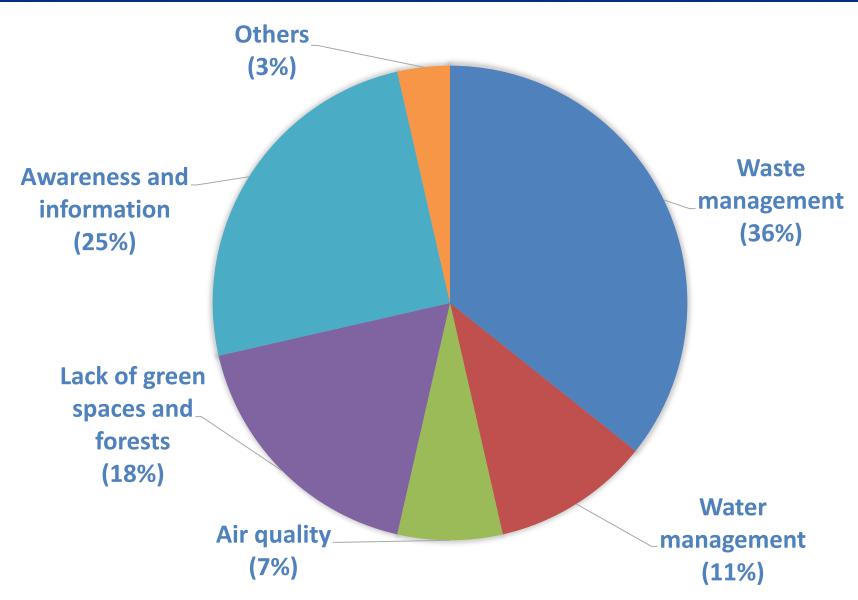
Answers	Yes (56%)	I do not know (21%)	I do not know/ I prefer not to answer (14%)	No (9%)
will not make a legislative proposal	75%	100%	54%	-
an update of the legislation is required	12.5% (environmental specialists)	-	-	-
legislation for selective waste collection is required	-	-	23%	50%
public awareness is needed	12.5%	-	7%	50%
others	-	-	16%	-







Q16 What do you think should be the first intervention for improving the environmental quality (status) in your community?

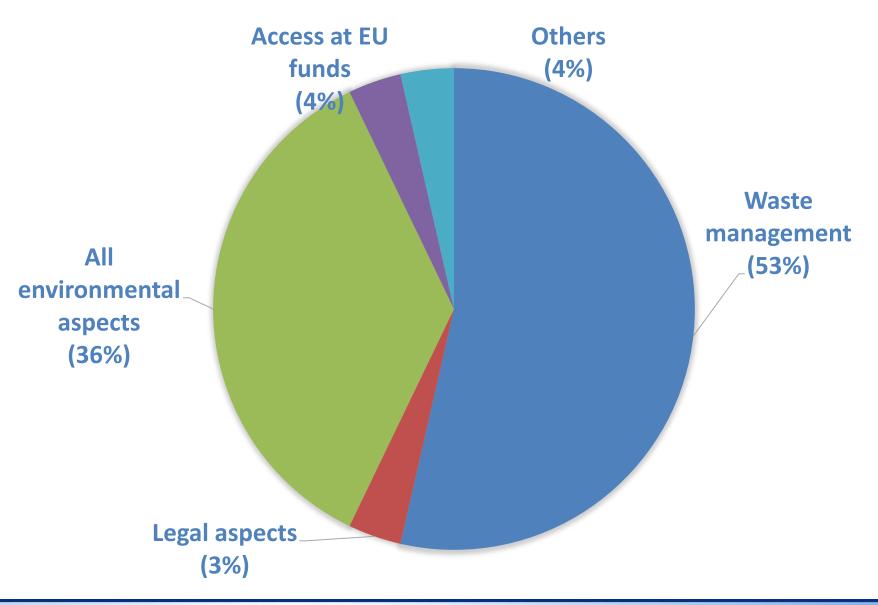








Q17 What are the topics for which it would be necessary to organize informative sessions led by specialists, in your community?









#### Conclusion

The survey gives an image about the perception of the local administration representatives and rural citizens about the environmental legislation, and on waste management legislation

#### Based on the survey results, EnvEdu – OERs project will provide

- ✓ OERs presenting the environmental quality legislation including waste management related legislation
- ✓ a set of policy recommendations useful for the harmonization of the applicability of the EU directive and the two EU decisions, at the local rural public administration level







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