



WARSAW UNIVERSITY OF LIFE SCIENCES – SGGW

Who needs education in the field of green economy?- experience of European countries

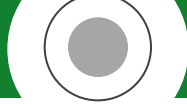
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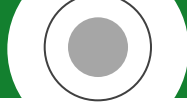


Introduction

- ❑ striving for progress at the expense of nature for many years - the cause of environmental degradation and deterioration of living conditions (Kozłowski 2000)
- ❑ people's values are diverse
- ❑ there are different determinants in people's attitudes
 - ✓ external
 - ✓ internal (social, demographic and economic)
- ❑ role of education in shaping attitudes (Ratajczyk 2007, Perepeczko 2012)



(awareness, understanding, action)



Materials and Methods

The aim of the study is to indicate the socio-economic characteristics of the inhabitants that determine the different perception of nature as a good.

- 1) review of the literature on the subject (analysis of research by other authors)
- 2) own research in Poland and Lithuania

the question:
to whom should
educational activities be
directed?

The importance of socio-economic and demographic characteristics in caring for nature

Authors (year)	Characteristics						
	Age	Gender	Living context / environment	Place of living	Income	Socioeconomic status	Education
Mónus (2022)	+	+	+	+		+	+
Anderson and Krettenauer (2021)	+	+	+	+			
Bashan, Colléony, Shwartz (2021)			+	+		+	
DeVile et al. (2021)	+		+	+	+	+	
Stewart, Eccleston (2020)	+		+	+		+	
Duron-Ramos et al., (2020)	+	+		+		+	
Nestorová Dická et al. (2020)	+		+	+	+	+	+
Mears et al. (2019)	+			+	+	+	+
Gress and Hall (2017)			+	+		+	
Farjon H. et al. (2016)			+		+	+	+
Gifford and Nilsson (2014)	+	+		+		+	+
Raymond, Brown and Weber (2010)			+	+		+	

What differentiates attitudes towards nature/climate change? - conclusions from the analysis of literature

- ❑ inhabitants' perception of nature as a value changes with generational change,
- ❑ the perception of nature as a value is influenced experiences in relation to nature are fairly important (childhood),
- ❑ nature becomes a value for people when it contributes to their lives (including fear of the effects of random weather events),
- ❑ **the territorial context** (e.g. city, rural) is important for our attitude,
- ❑ other factors: government policy, trust, media coverage, cultural context, perceived well-being (also in the future)...

The relationship between the appraisal of nature as a value and rural inhabitants characteristics (2018)

Variables	Poland		Lithuania	
	χ^2 Statistics*	Cramer's V	χ^2 Statistics*	Cramer's V
Work in organisation or association	3.24	0.07	6.37	0.09
Gender	5.45	0.09	29.47	0.20
Age	28.33	0.12	15.32	0.08
Type of relationship	12.08	0.17	7.74	0.14
Children	5.79	0.13	13.39	0.16
Education completed	23.35	0.14	14.54	0.10
Type of organization (workplace)	10.61	0.08	33.43	0.13
Paid work in another country	1.5	0.05	11.38	0.13
Income	9.88	0.07	21.34	0.10
Feeling about household's income	26.21	0.12	16.18	0.10

*Note: bold values denote statistical significance at the level of 0.05

Source: Wojewódzka-Wiewiórska, A.; Vaznoniene, G.; Vaznonis, B. Who Cares for Nature in Rural Areas? Exploration of Relationships between People's Socio-Economic Characteristics and the Perception of Nature as a Value in Poland and Lithuania. Sustainability 2022, 14, 10048.

Methodology – own research (2022)

- The European Social Survey (ESS) data from Round 9 (2018) for Poland and Lithuania
- Tell how much each person is or is not like you:

He strongly believes that people should care for nature. Looking after the environment is important to him.

**Very
much
like me**

1

Like me

2

**Some-
what
like me**

3

**A little
like me**

4

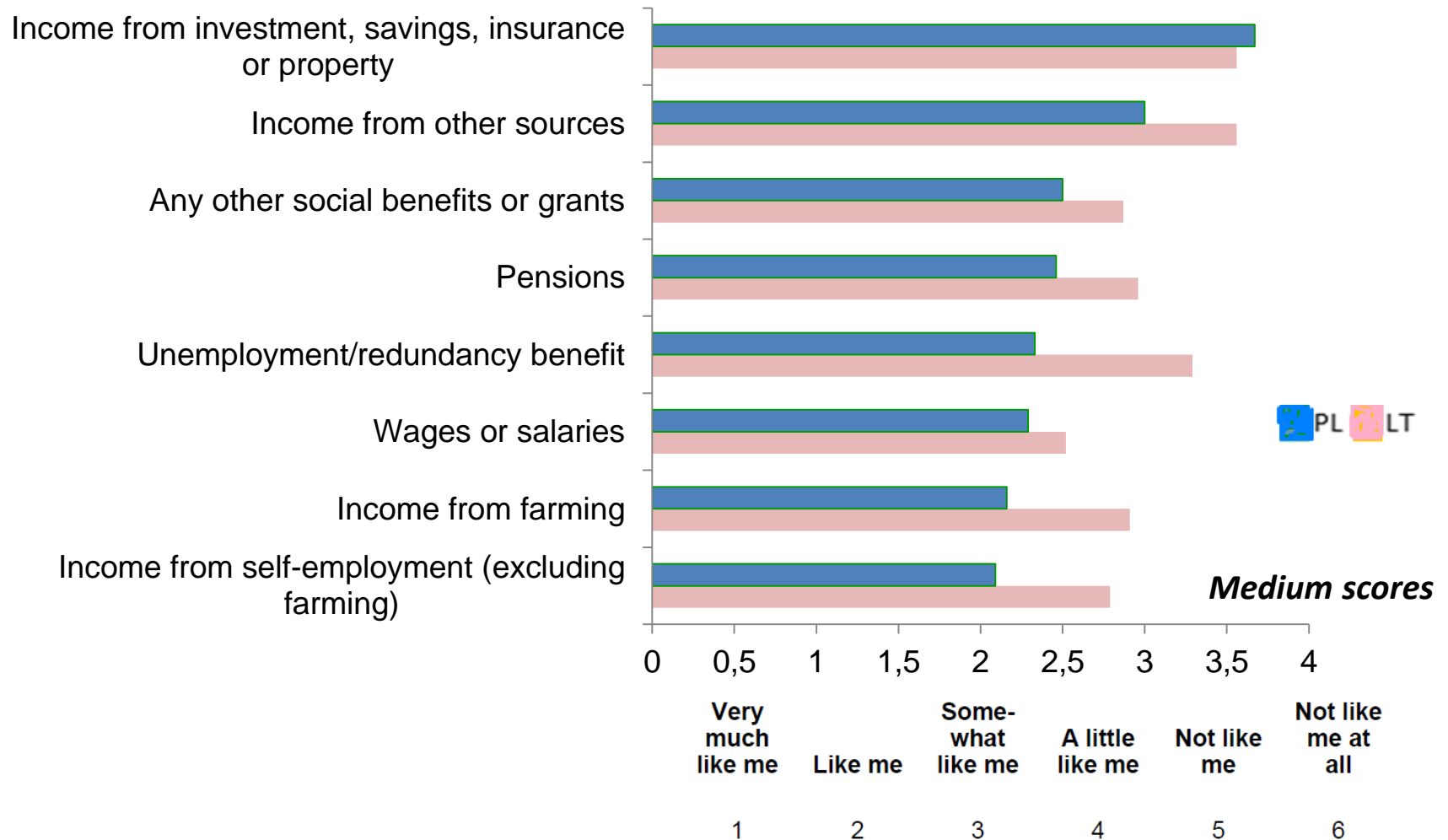
**Not like
me**

5

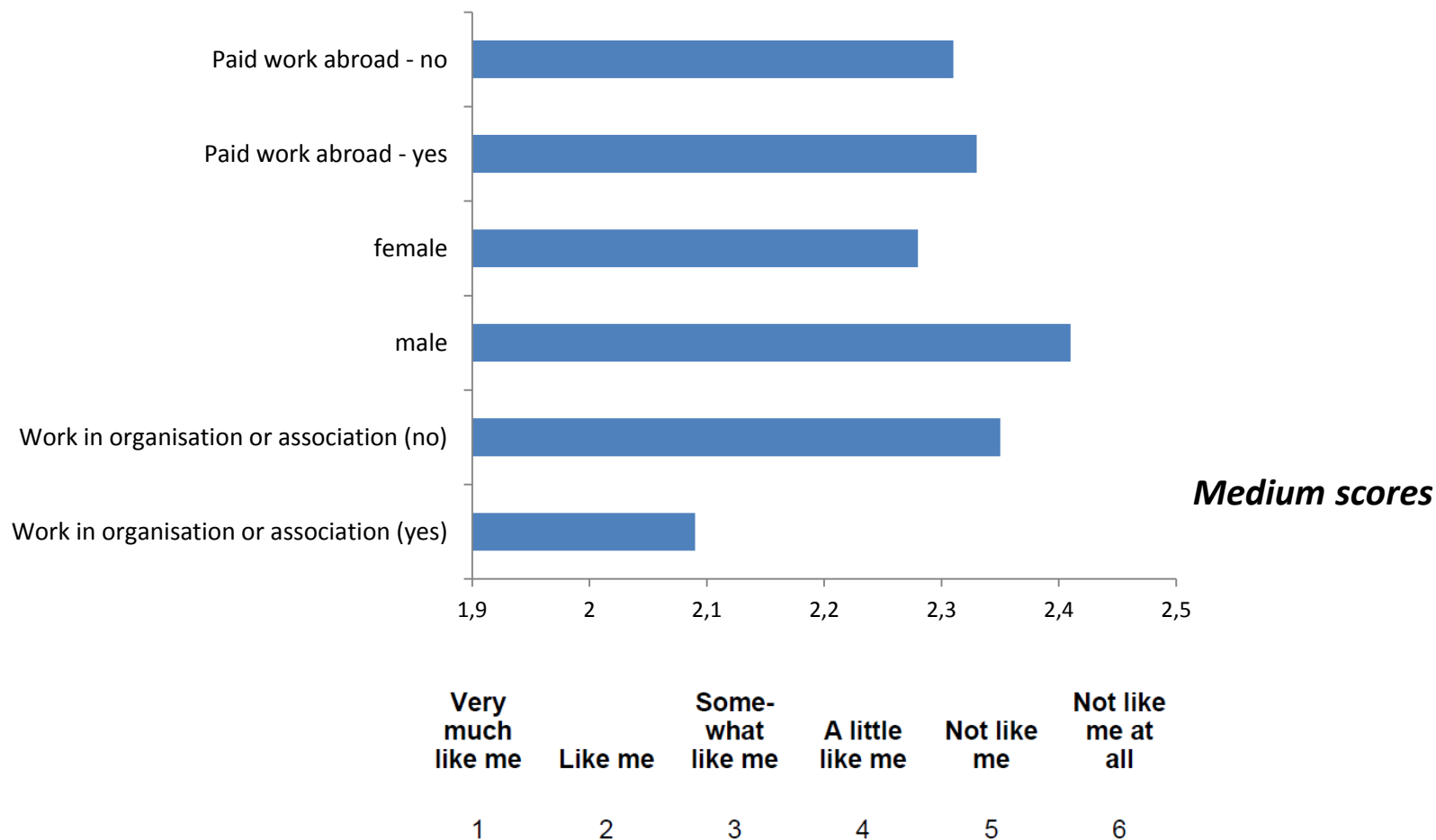
**Not like
me at
all**

6

Rural residents' responses in Poland (PL) and Lithuania (LT) by income in 2018

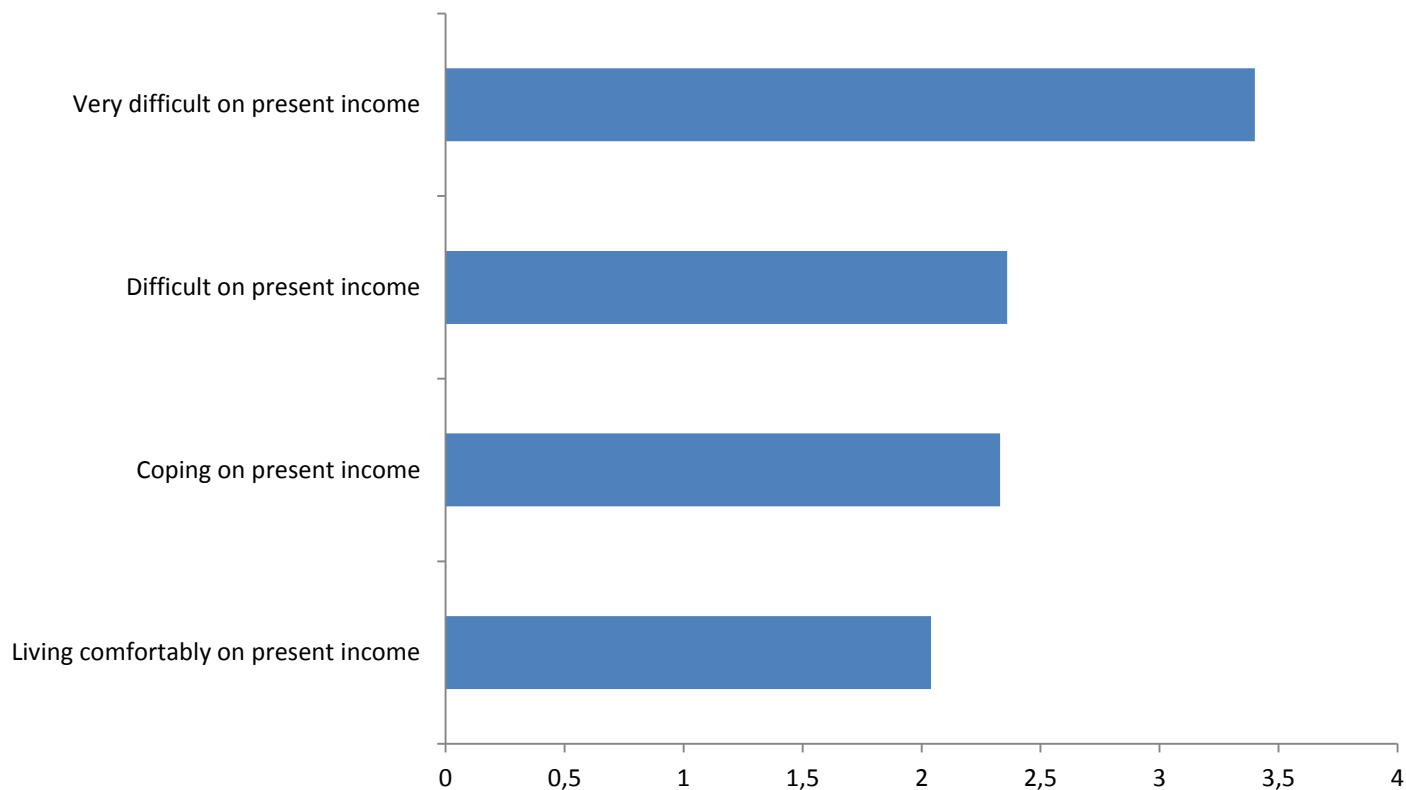


Looking after the environment is important to him. **Rural residents' responses by selected variables in 2018 (Poland)**



Source: own elaboration.

Looking after the environment is important to him. **Rural residents' responses by feeling about household's income in 2018 (Poland)**

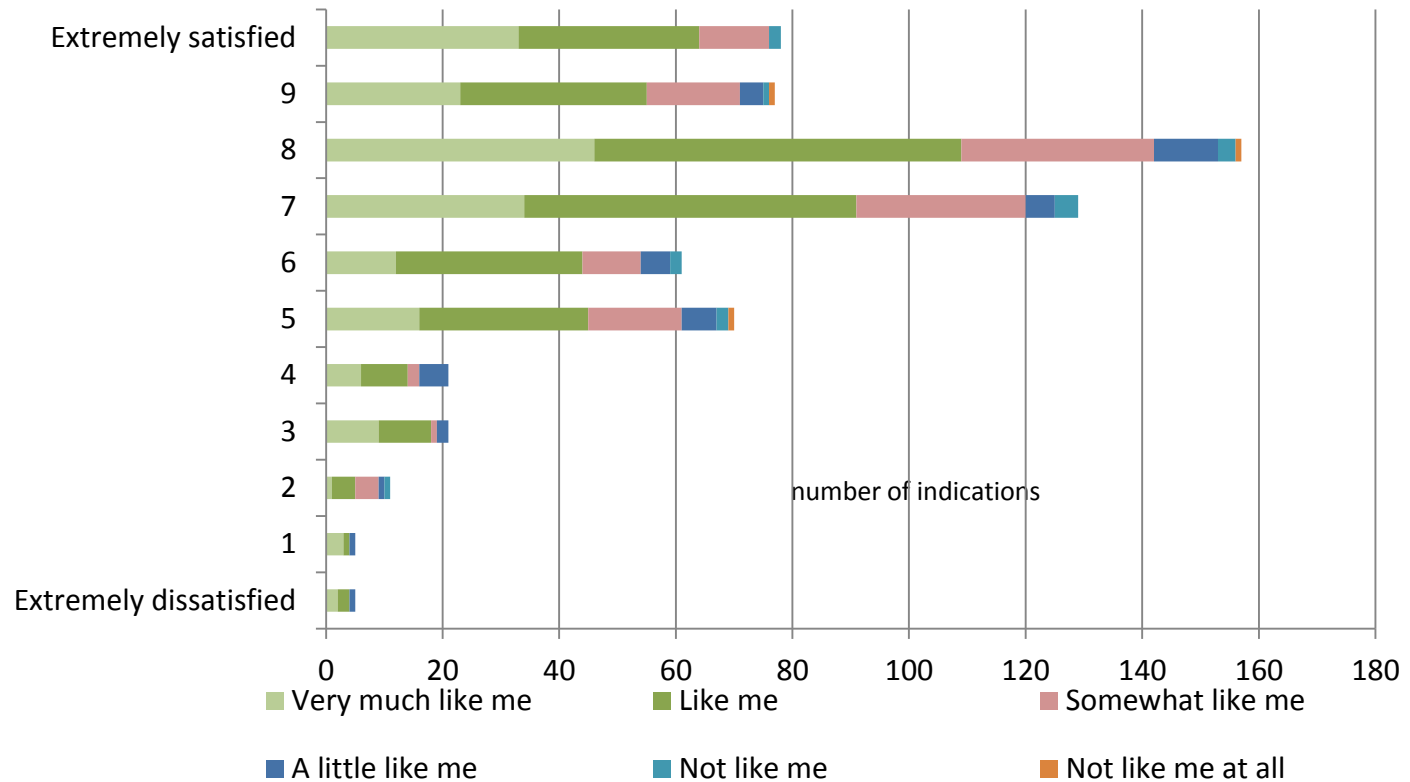


Medium scores

Very much like me	Like me	Some- what like me	A little like me	Not like me	Not like me at all
1	2	3	4	5	6

Source: own elaboration.

Looking after the environment is important to him. Rural residents' responses by satisfaction of life in 2018 (Poland)



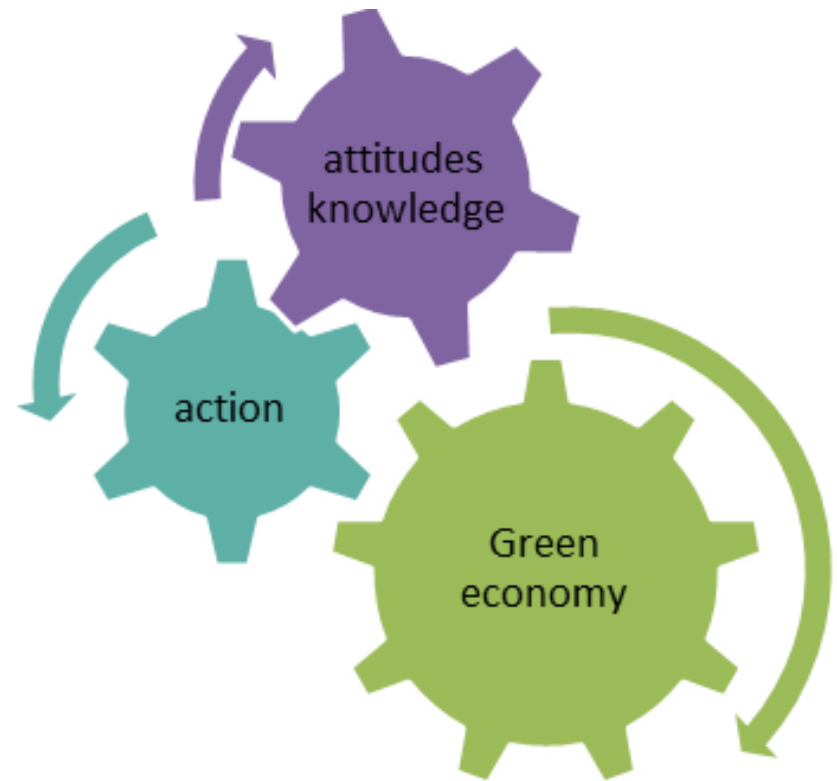
Satisfaction with life

In general, are you satisfied with your current life?

Likert scale 0-10

Recommendations for education in the field of green economy

- ✓ take into account the identified socio-economic determinants - e.g. life satisfaction, direct tools to selected target groups, e.g. men
- ✓ conduct research (different groups depending on the country, region, place of residence)
- ✓ to emphasize in education the economic aspect (benefits)





Thank you for your attention!

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