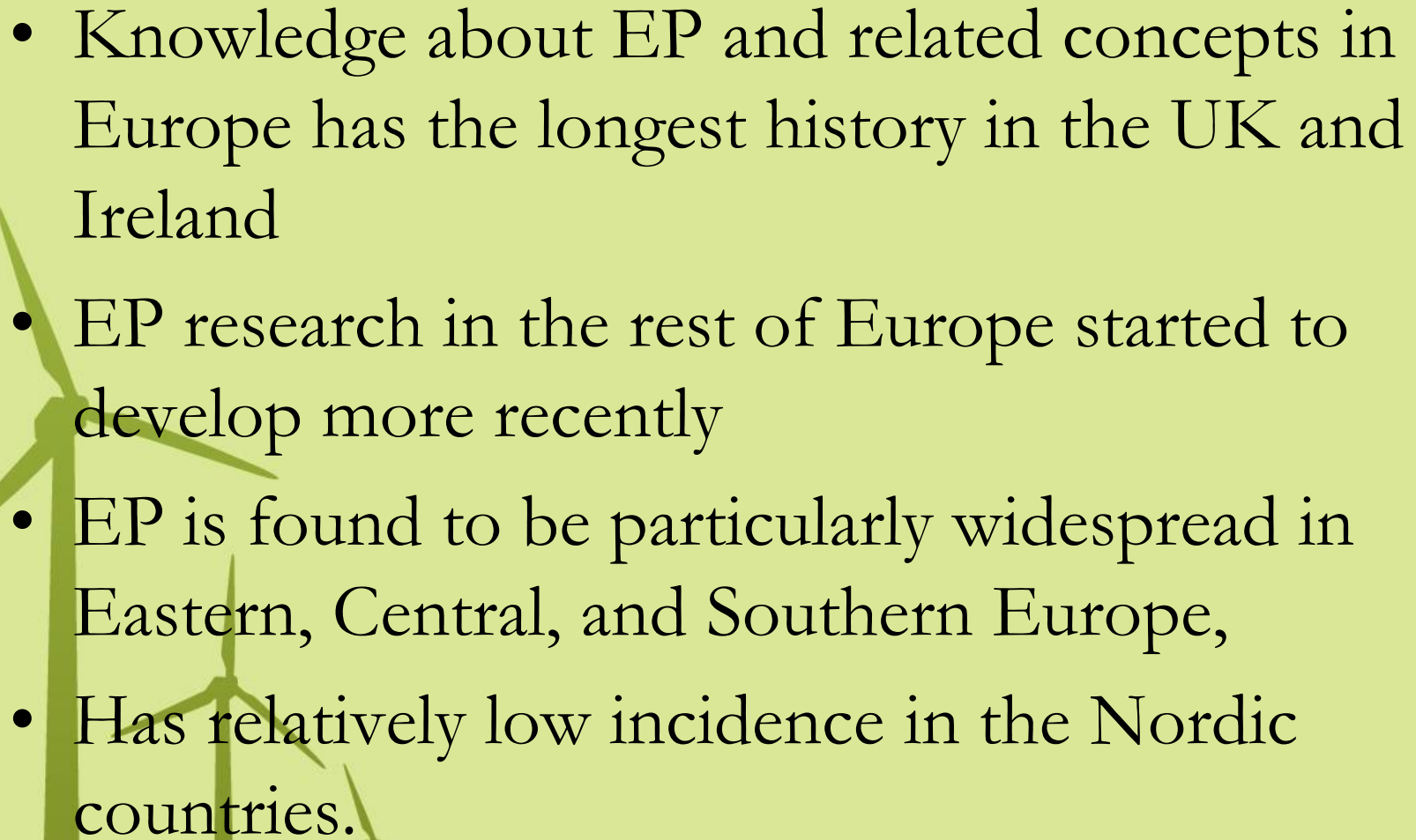


Energy poverty research perspectives in Serbia

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INTRODUCTION

- Energy poverty - household`s inability to secure socially and materially necessitated levels of energy service in the home
- EP is predicated upon
 - high energy prices,
 - low household incomes,
 - inefficient buildings and appliances
 - specific household energy needs

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- The background of the slide features a light green gradient with silhouettes of four wind turbines of varying heights and positions, creating a sense of depth. The turbines are positioned on the left side, with the tallest one in the foreground and others receding into the background.
- Knowledge about EP and related concepts in Europe has the longest history in the UK and Ireland
 - EP research in the rest of Europe started to develop more recently
 - EP is found to be particularly widespread in Eastern, Central, and Southern Europe,
 - Has relatively low incidence in the Nordic countries.

EP IN SERBIA

- Some insights about energy poverty in Serbia could be gained from projects conducted by national, international organizations, NGO-s and other agencies
- In Serbia causes of energy poverty are various:
 - recession,
 - increased energy prices
 - energy inefficient households,
 - low income,
 - inadequate living conditions,
 - condensation, humidity and dancing,
 - unsustainable consumption and production

DATA ON EP IN SERBIA

- Indicators of EP in Serbia
 - personal consumption of households
 - multiple deprivation in housing
 - possibility to warm the home to a socially and materially acceptable level
 - condensation and mold in the apartment
 - possibility to pay or delay payment of communal services
 - adequate lightning of the apartment

Personal consumption of households for 2011 and 2012

Indicators	Overall		Urban settlements		Other	
	2011	2012	2011	2012	2011	2012
Housing, water, electricity, gas and other fuels	15,6	15,8	16,0	16,2	15,2	14,9
Flat and maintenance equipment	4,3	4,3	4,1	4,1	4,5	4,5
Overall	19,9	20,1	20,1	20,3	19,4	19,4

Source: Statistical Office of the Republic of Serbia

Some indicators for measuring EP in Serbia

SILC indicator	2013 (%)	2014 (%)
Financial problems in adequately warm up the home	18,3	18
Problems with leaking and humidity	22,3	27,1
Debts for communal services	36,9	39,3
Dark or insufficiently lit apartment	8,6	9

Source: Social inclusion and poverty reduction Unit, SILC 2013, SILC 2014

POTENTIAL FOR ACADEMIC TEMATIZATION

- Identify
 - energy poverty in Serbia,
 - vulnerable groups and households,
 - how is EP manifested in Serbia,
 - what indicators to apply in its exploration.

SECURITY PERSPECTIVE

Urban security

Investigate how EP is manifested in the urban environment;
identify vulnerable neighborhoods;
investigate the sources of EP in particular neighborhoods;
relation to other security challenges in the city

Human security

How EP is associated with basic dimensions of human security;
Freedom from want

Energy security

How availability of natural resources for energy consumption on national level affects households' ability to secure socially and materially necessitated levels of energy service in the home

Thank you for your attention.

