

Energy Efficiency in Buildings conference



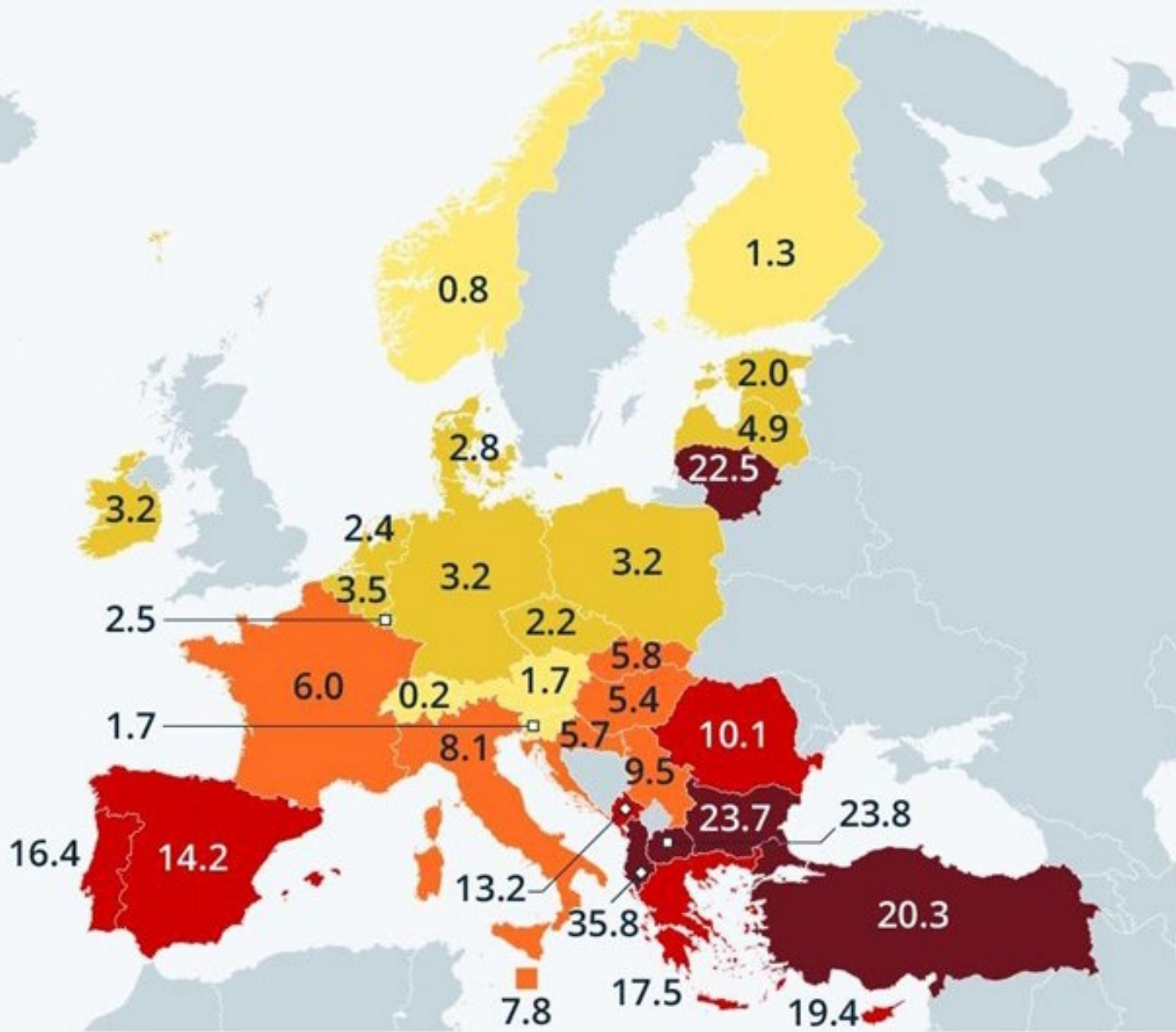
Alleviating Energy Poverty

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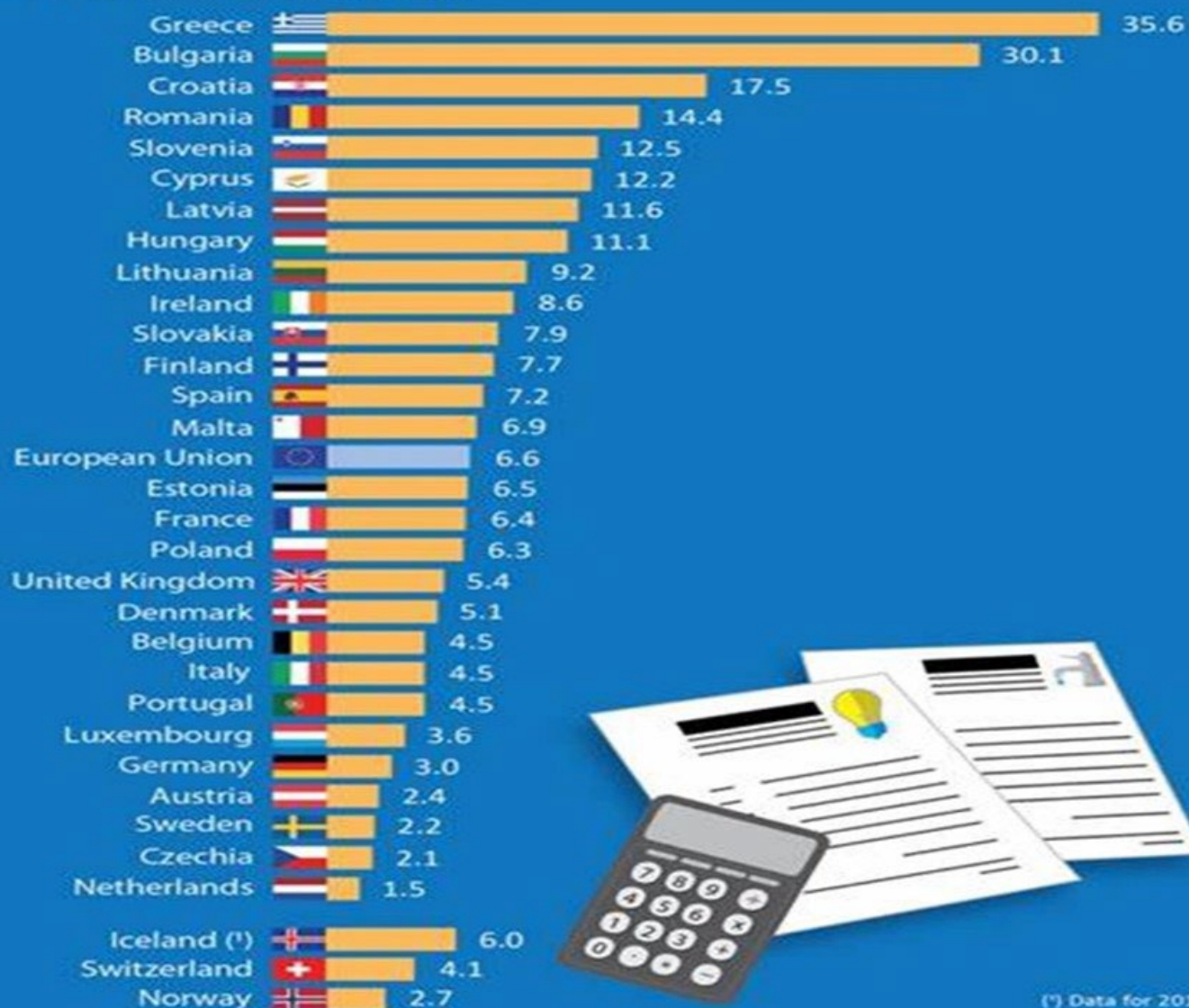
4/4/2023

Share of households unable to adequately heat their homes in 2021 (in %)*



Households unable to pay utility bills on time in the past 12 months

(% of all households, 2018)



(*) Data for 2016

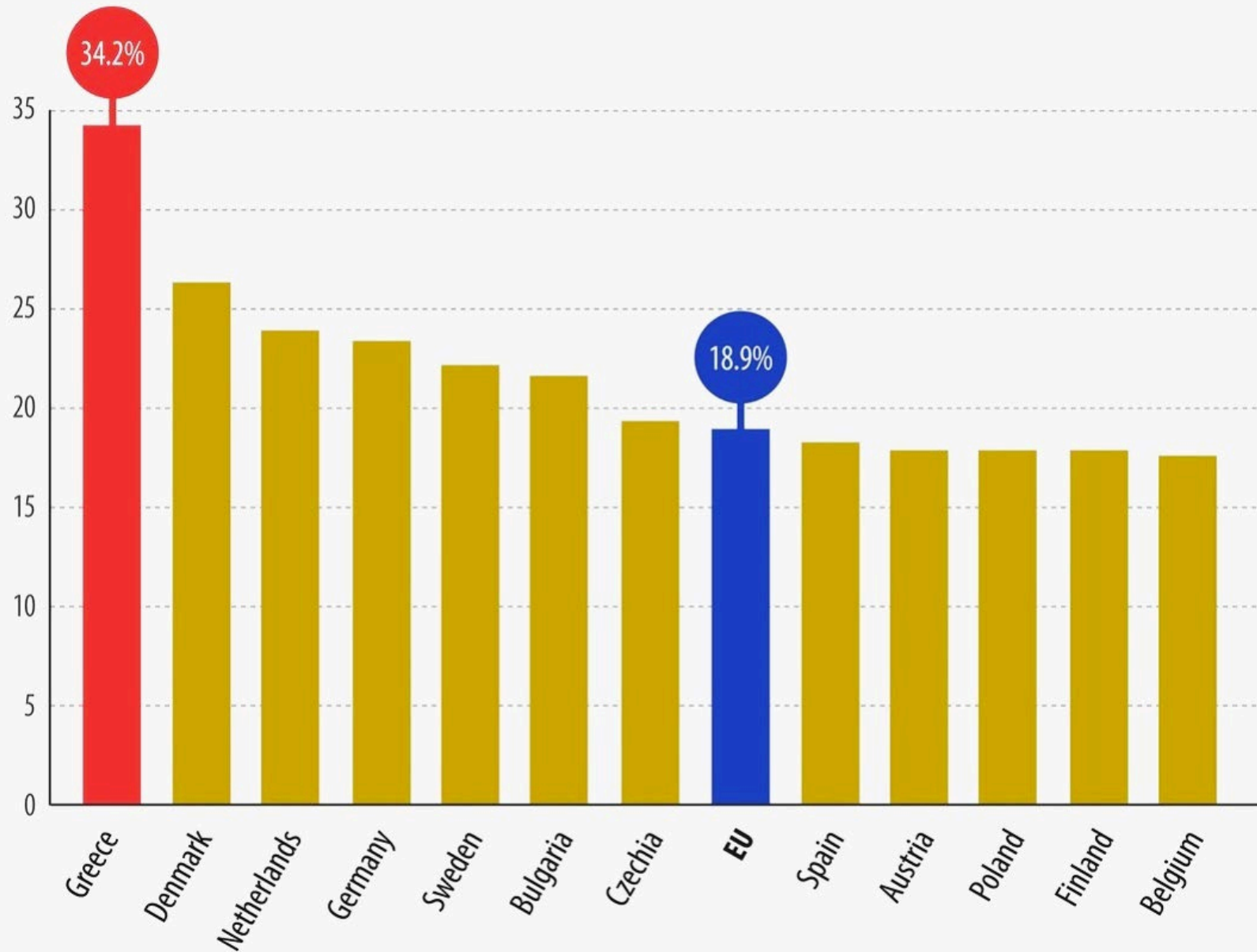
Research Questions



- What does sustainability mean for a typical old apartment inhabited by an average citizen?
- How critical is the hourly step for calculating the energy performance of buildings / KENAK?
- How many of the famous "Exoikonomo" programs really concern block of flats and how many energy-vulnerable households are benefited from them?

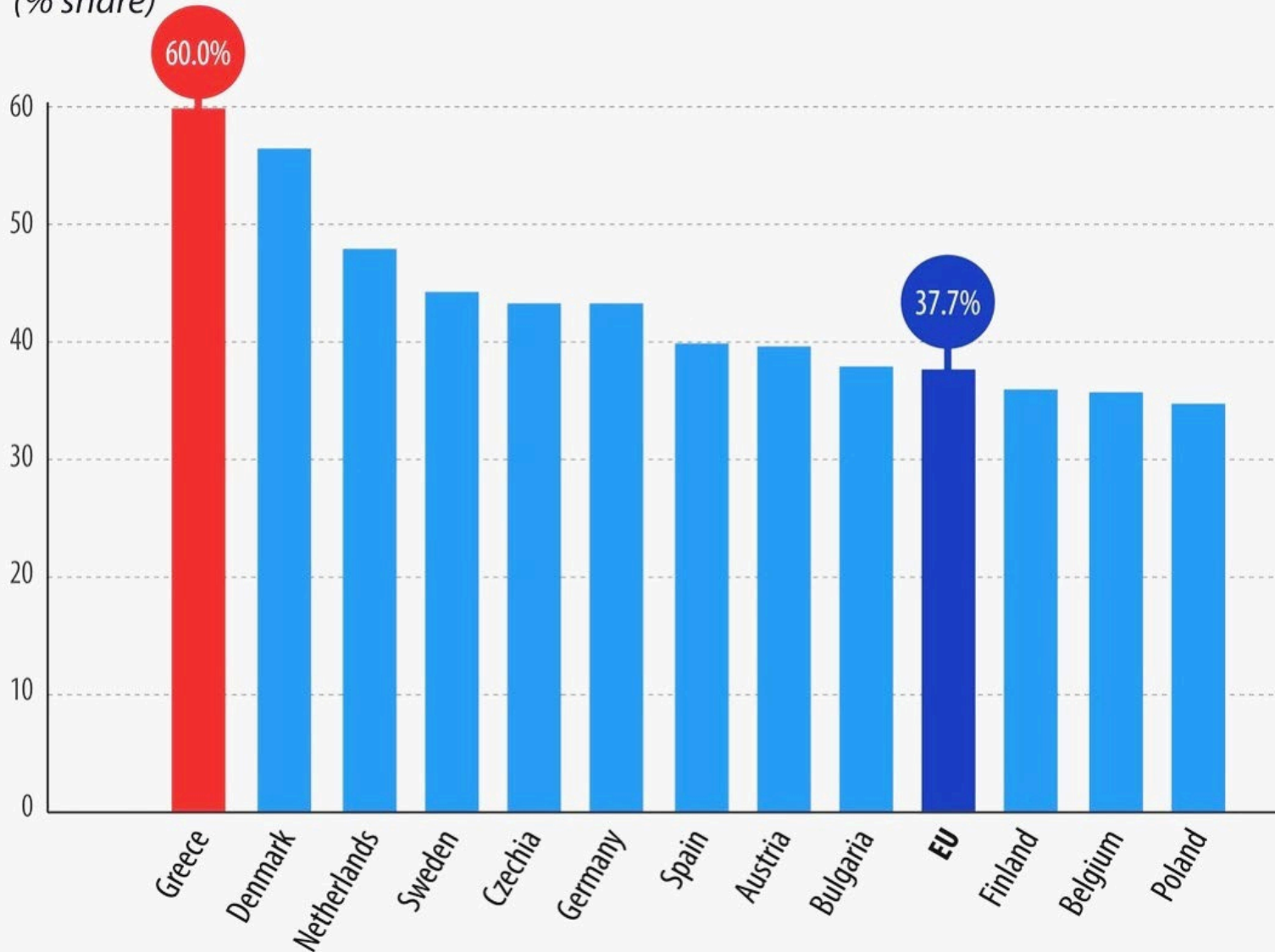
Share of housing costs in disposable income, 2021

(% share; total population)



Housing costs in disposable income for people at risk of poverty in the EU, 2021

(% share)



EU is an estimate. Data for France and Slovakia not available. Data for Poland is provisional.



HEAT



OR EAT?

Who is winning the Energy War?

NET INCOME

(2022)

ExxonMobil	\$55.7 bil.	▲141%
Chevron	\$35.4 bil.	▲126%
Shell	\$42.4 bil.	▲110%
TotalEnergies	\$20.5 bil.	▲28%

An industrial facility, likely a refinery or chemical plant, featuring several large, cylindrical storage tanks in the background. The tanks are white with some blue and green markings. In the foreground, there are numerous large, horizontal pipes supported by metal stands. Some pipes have small white labels with black text, such as 'UJ-2'. The sky is clear and blue. The text 'first place belongs to...' is overlaid in the center of the image.

first place belongs to...

Empowering energy poor citizens through joint energy initiatives

- ✓ More than 1,600 people have attended the 59 training seminars across EU
- ✓ More than 1,090 people became certified Energy Supporters and Mentors
- ✓ Support to about 15,000 households in 52 municipalities, 22 of which have also established an Energy Poverty Alleviation Office

Energy Supporters engage energy-poor citizens and assist them in planning, securing funding and implementing energy efficiency interventions.

Energy Mentors provide support and expertise in all the key areas associated to the operation and/or creation of an energy community / cooperative of energy poor citizens.

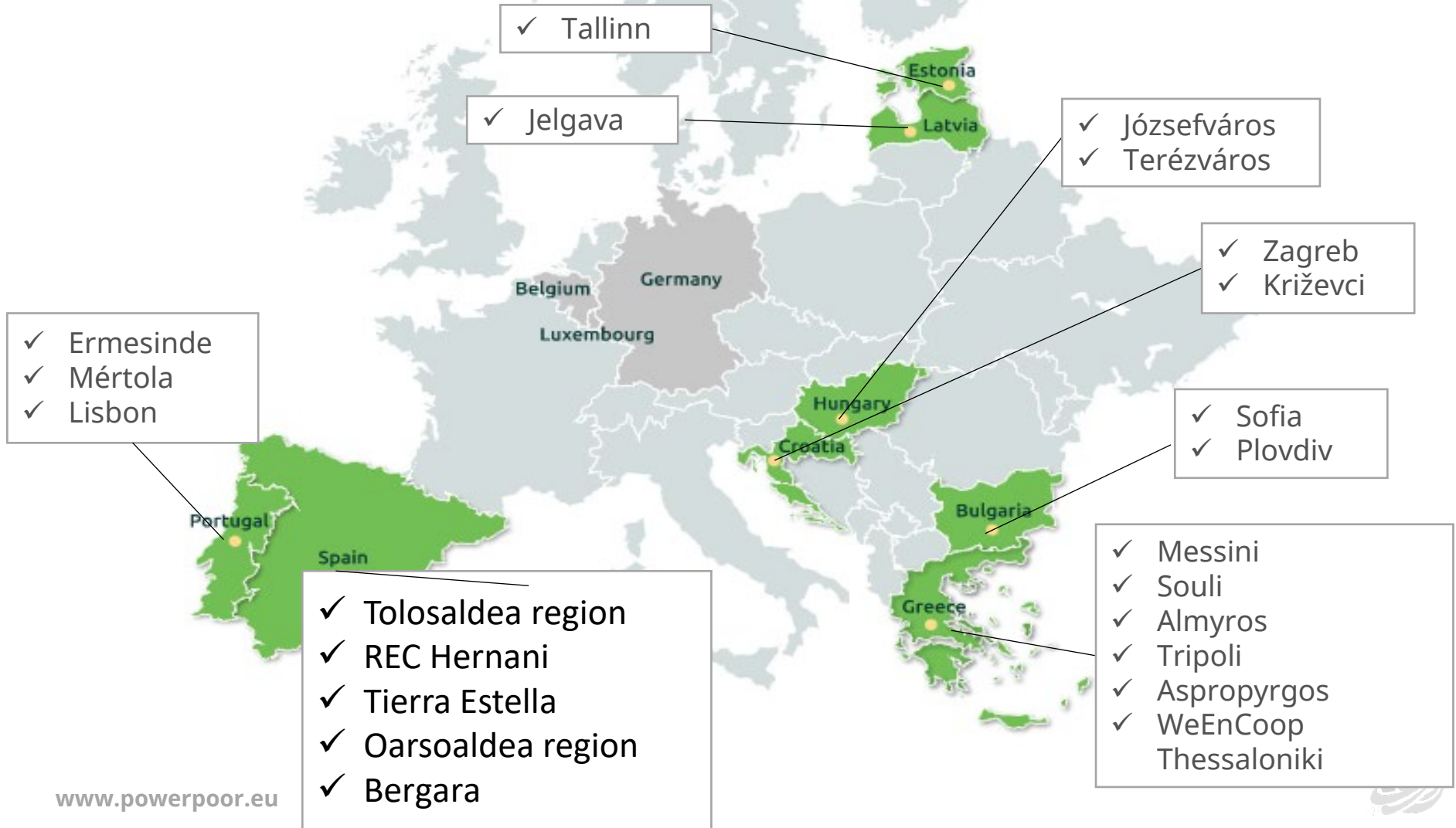




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The Energy Poverty Alleviation Offices



Challenges

- Sustainability is not about Lifestyle.
- Sustainability has to do with investments in spaces that citizens reside, to achieve livable/viable houses for all.
- Sustainability has to do with continuous measurement and verification.

Thank you very much!

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