

Investing in Energy Efficiency

Institute of Energy of South-East Europe (IENE)


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Energy Poverty: Citizens' Level of Awareness Conclusions vol. 1



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We spend 90% of our lives
inside buildings.

9 out of 10 of the existing buildings
in EU will still be standing
and occupied by 2050.

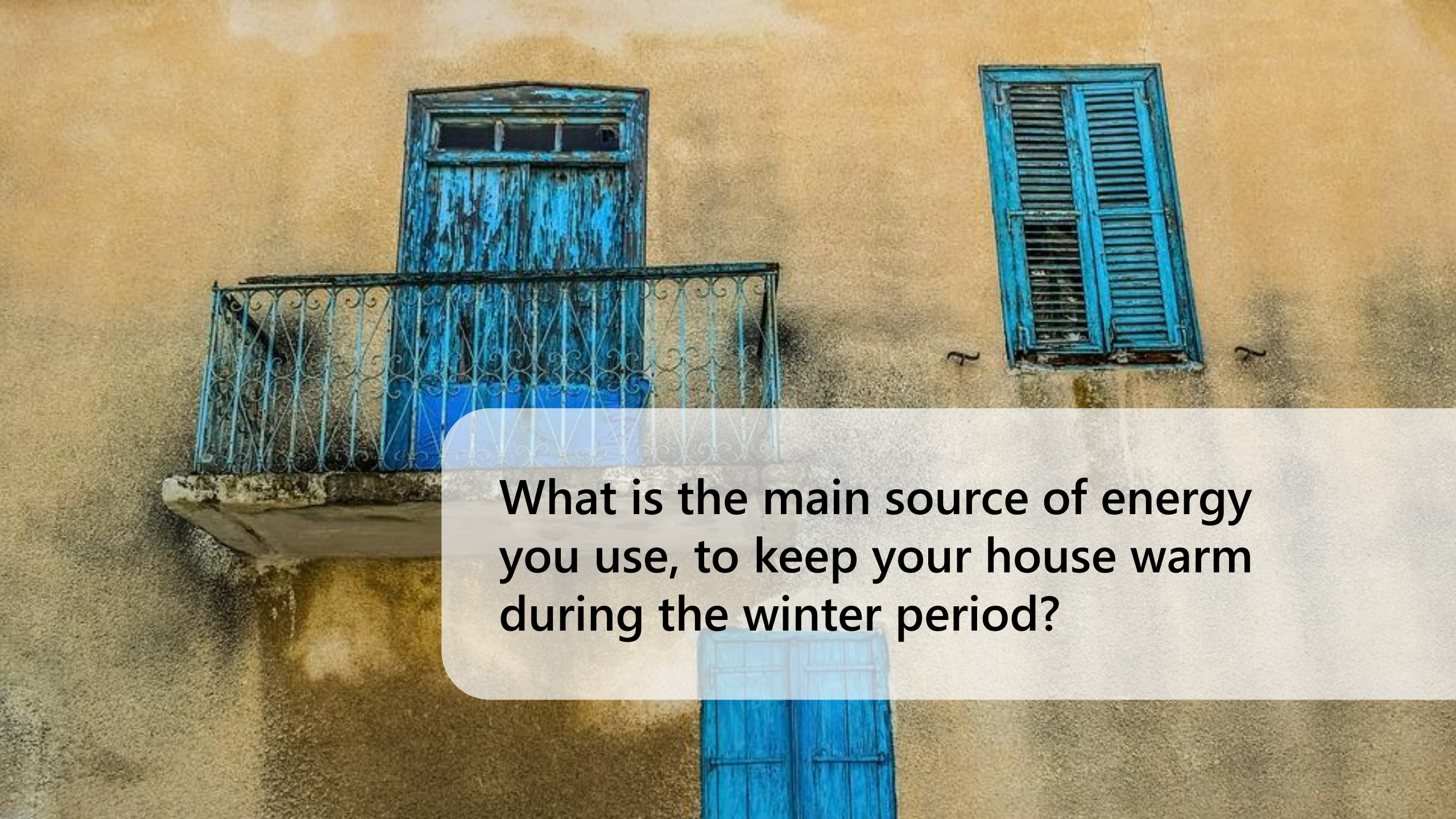


In 2016 alone, roughly 50 million Europeans were unable to keep their home warm.
This means 1 European out of 10.

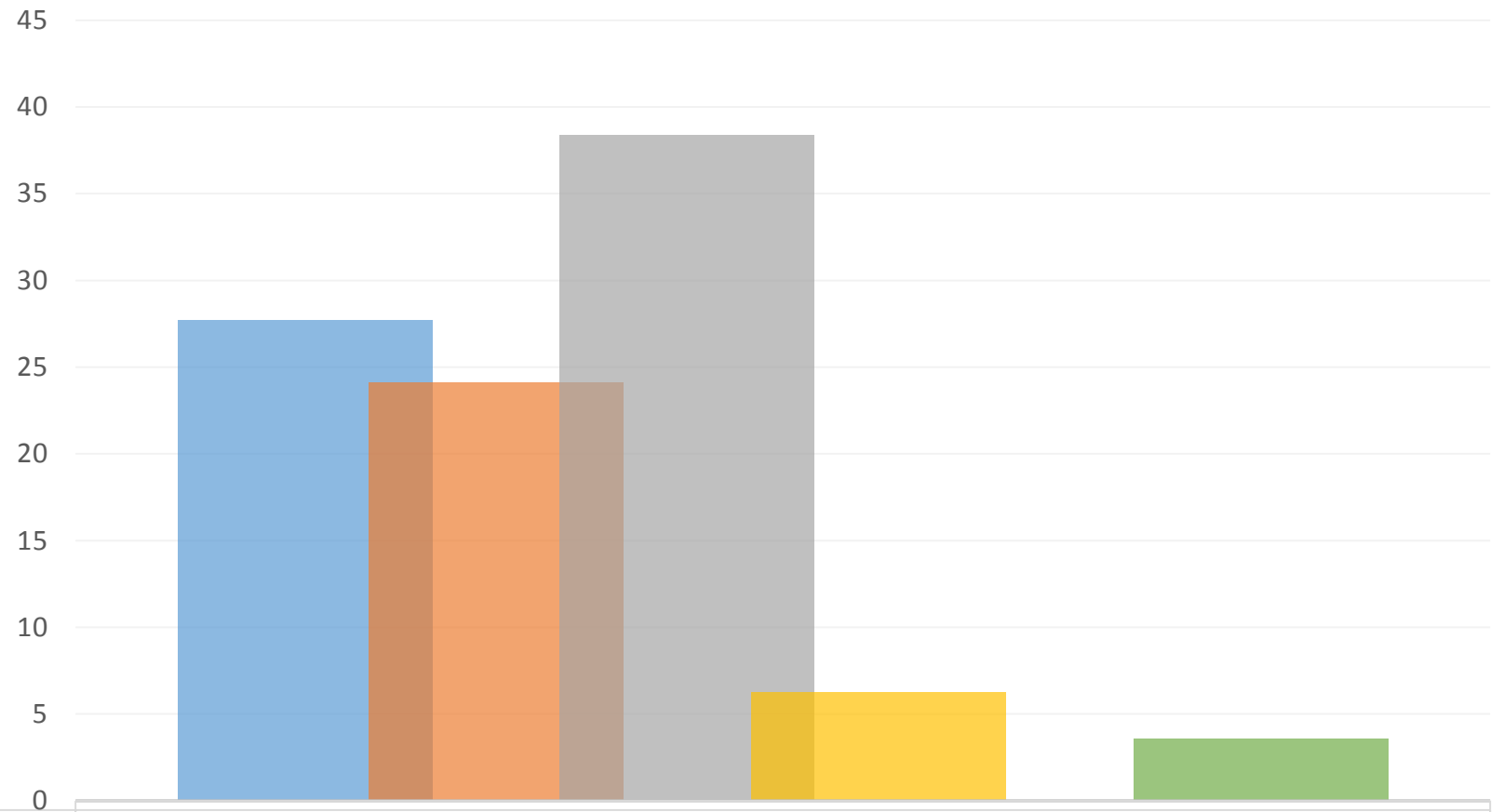
Energy Poverty



CITIZENS NEED TO BE ENGAGED



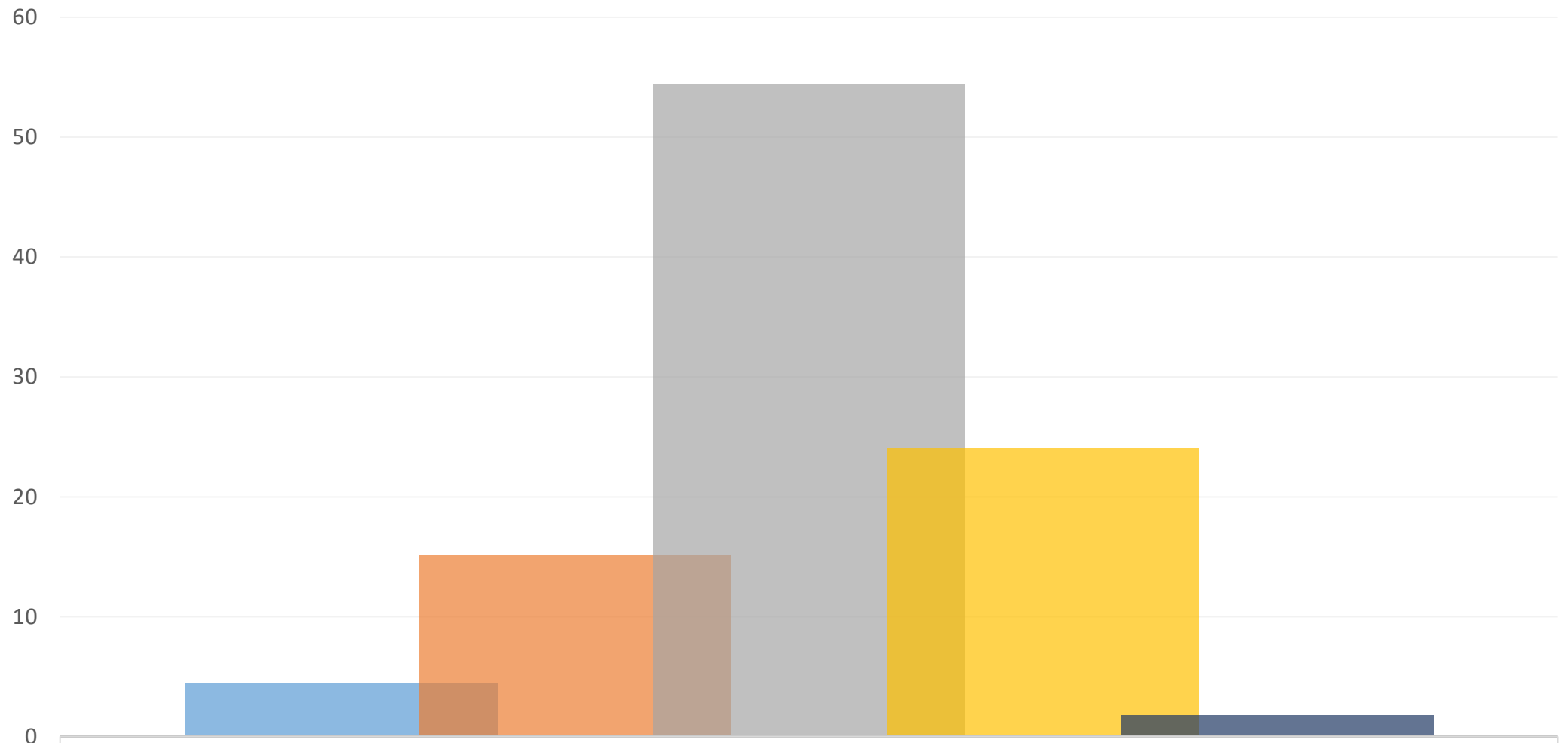
What is the main source of energy you use, to keep your house warm during the winter period?



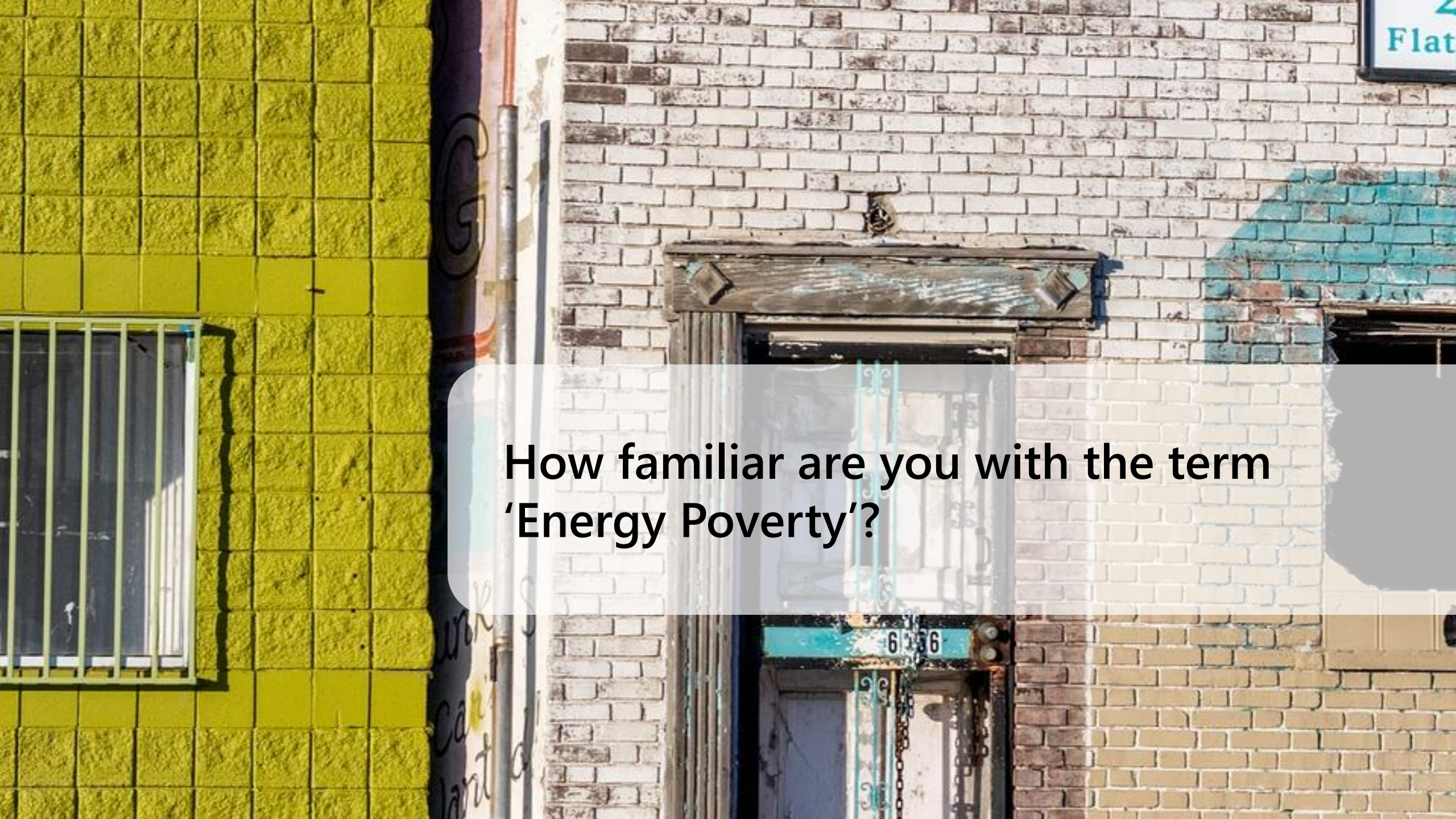
■ Electricity	27,68
■ Gas	24,11
■ Heating oil	38,39
■ Wood/Pellet	6,25
■ No heating options for my house	0
■ Other	3,57

An aerial photograph of a densely packed urban neighborhood. The buildings are multi-story and feature a variety of colors, including red, orange, yellow, and white. The architecture is diverse, with some buildings having flat roofs and others with more ornate facades. The overall scene is a vibrant and busy cityscape.

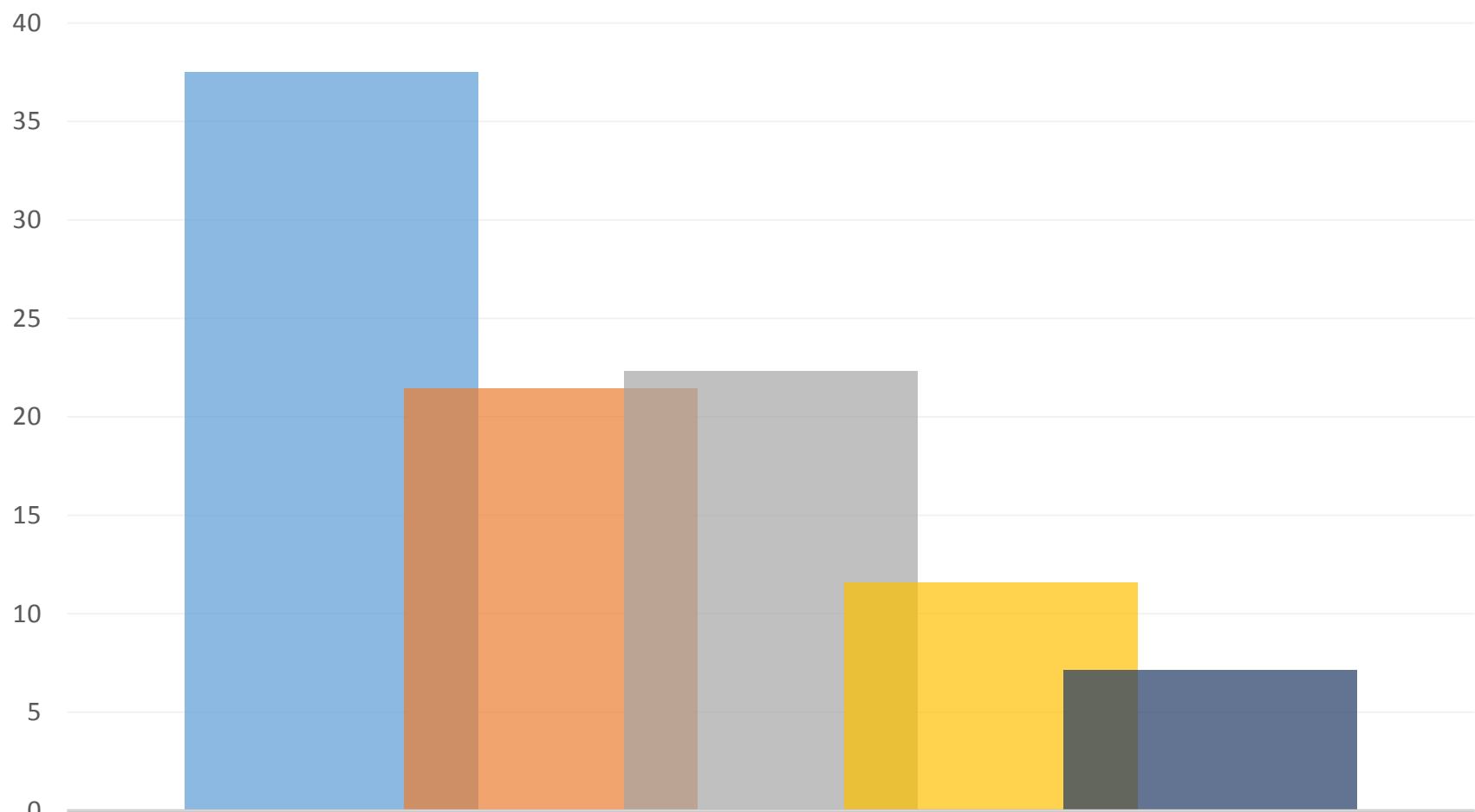
**Do you feel uncomfortably cold/hot
in your home during the winter/summer
period?**



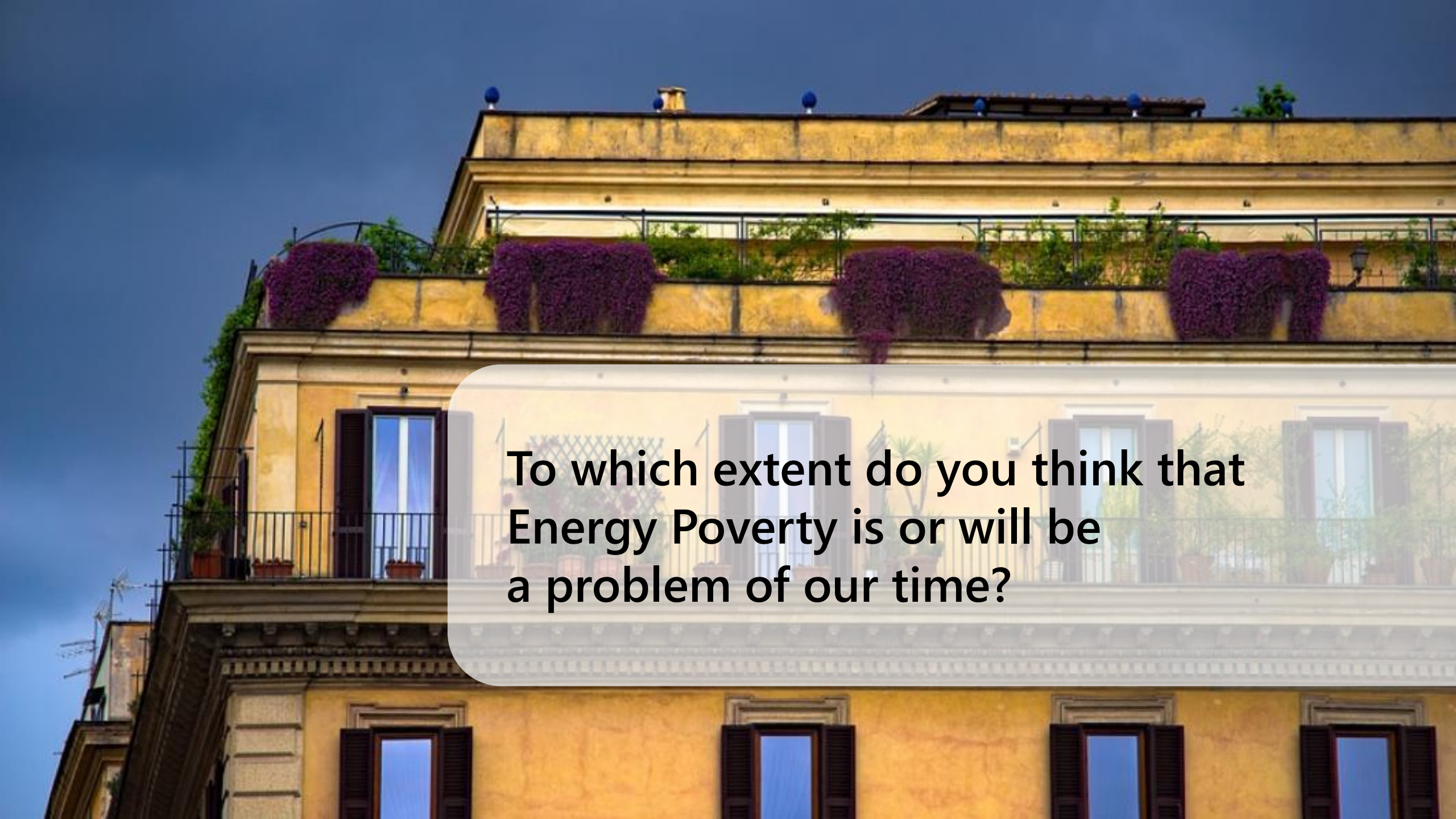
Very often	4,46
Often	15,18
Sometimes	54,46
Not at all	24,11
Other	1,79



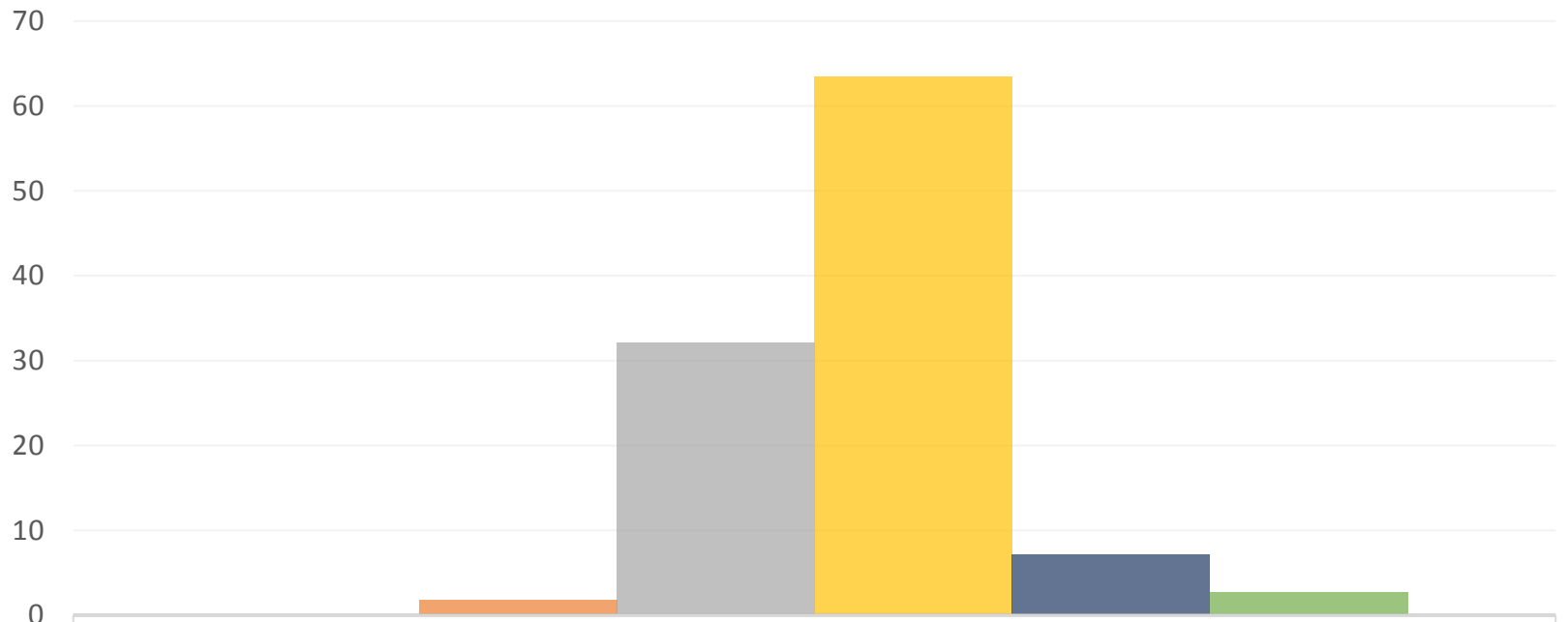
**How familiar are you with the term
'Energy Poverty'?**




Very familiar	37,5
Quite familiar	21,43
I've heard a few things	22,32
Slightly familiar	11,61
Not familiar at all	7,14

A photograph of a multi-story yellow building with balconies. The balconies are decorated with large, dense clusters of purple flowers. The building has several windows with dark shutters. The sky is a clear, deep blue. A semi-transparent white box with rounded corners is overlaid on the middle of the image, containing text.

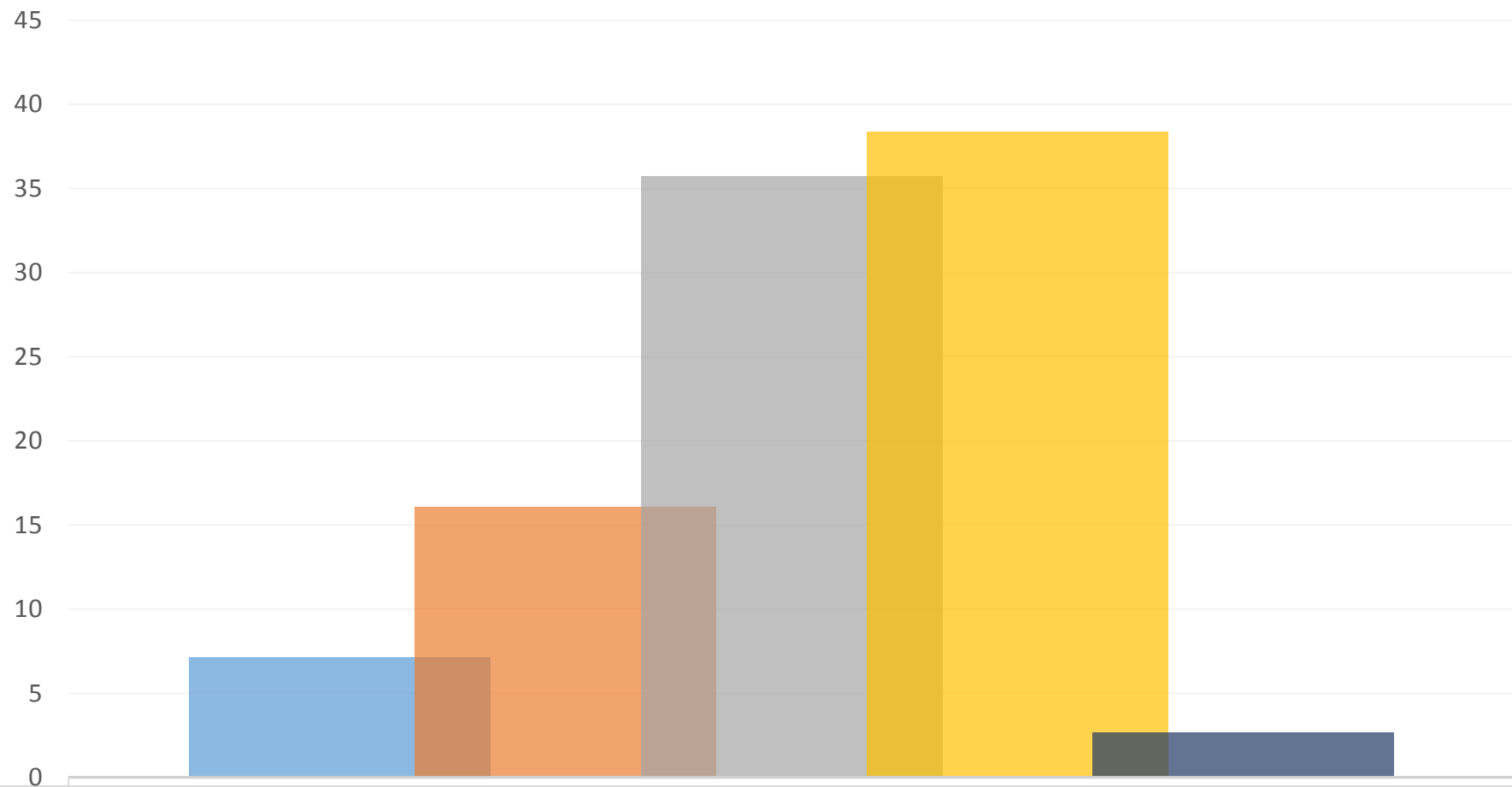
**To which extent do you think that
Energy Poverty is or will be
a problem of our time?**



■ Not at all. Energy Poverty is not a problem in EU	0
■ Low. Energy Poverty reflects to only few household categories in EU	1,79
■ Medium. It seems that impacts a quite numbers of households in EU	32,14
■ High. Energy Poverty should be a concern of all Europeans	63,39
■ I am not familiar at all	7,14
■ Other	2,68



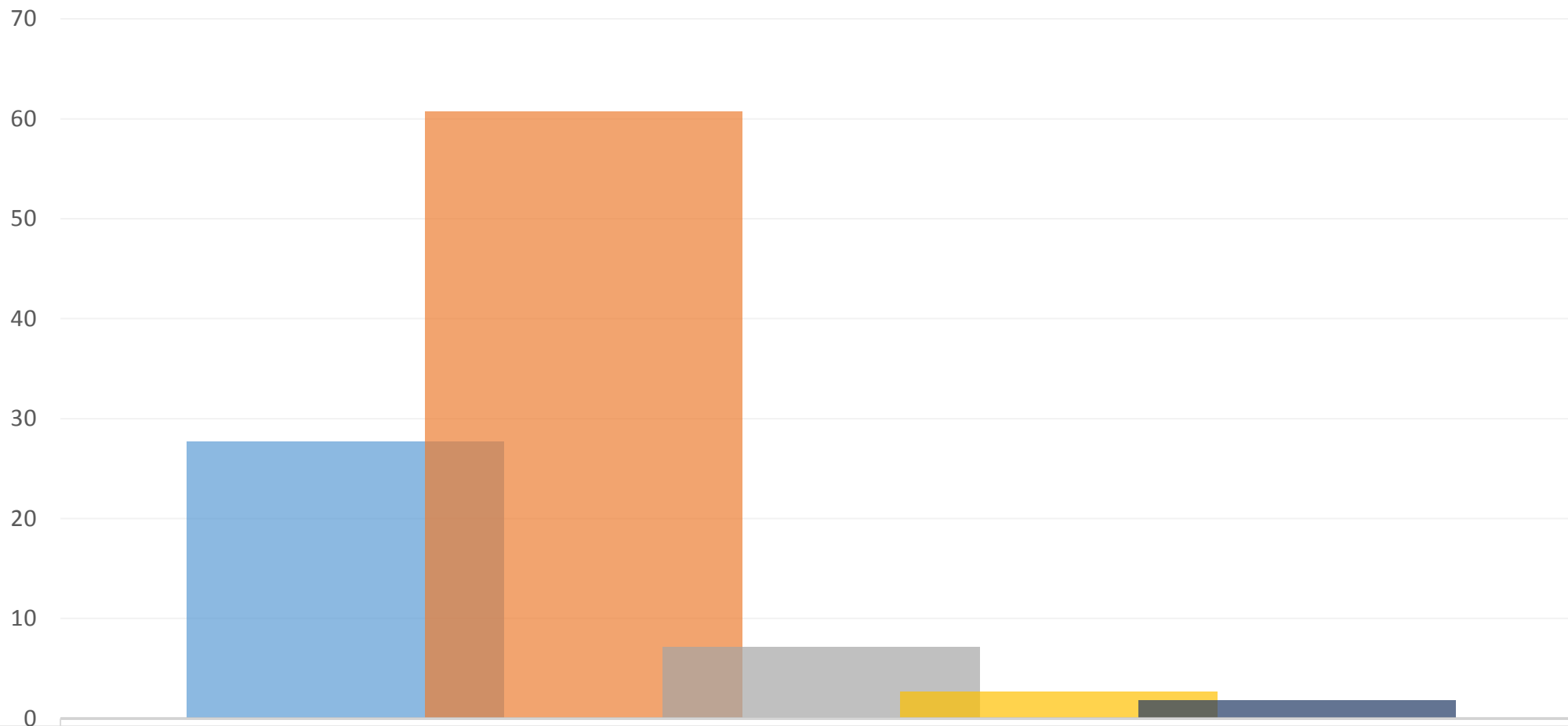
**During the past 24 months,
have you faced difficulties in paying
the bills related to energy services?**



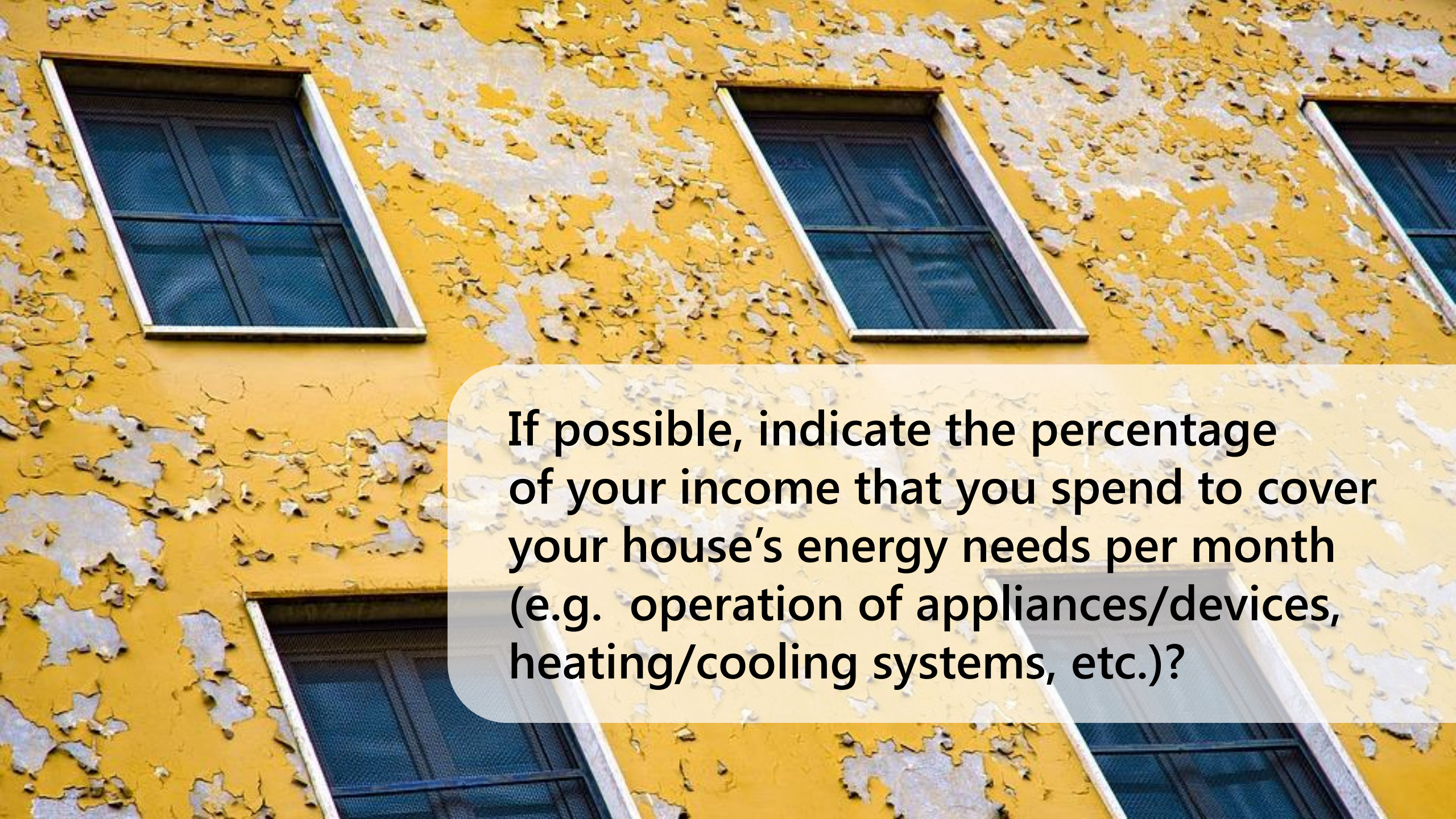
I faced difficulties very often	7,14
I faced difficulties often	16,07
I faced difficulties sometimes	35,71
I didn't face any difficulties	38,39
Other	2,68



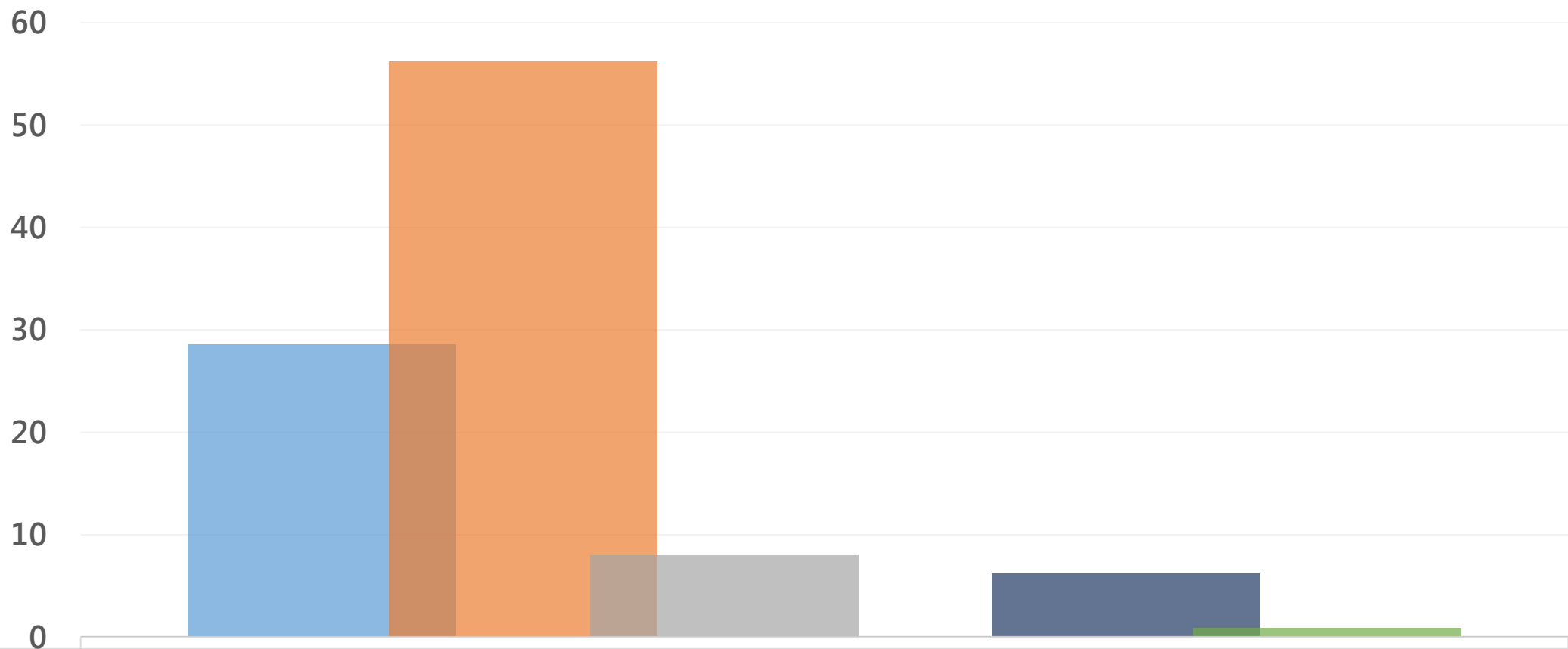
How would you describe the cost of energy in your country in relation to your annual/monthly income?



Very high	27,68
High	60,71
Satisfactory low	7,14
Low	2,68
Other	1,79

The background of the image is a photograph of a building's exterior wall. The wall is painted a bright yellow color, but the paint is severely peeling and chipped away in many places, revealing a greyish-white substrate underneath. There are three windows visible, each with a dark, possibly black or dark blue, frame. The windows are rectangular and appear to be double-hung. The overall scene suggests a state of significant disrepair or neglect.

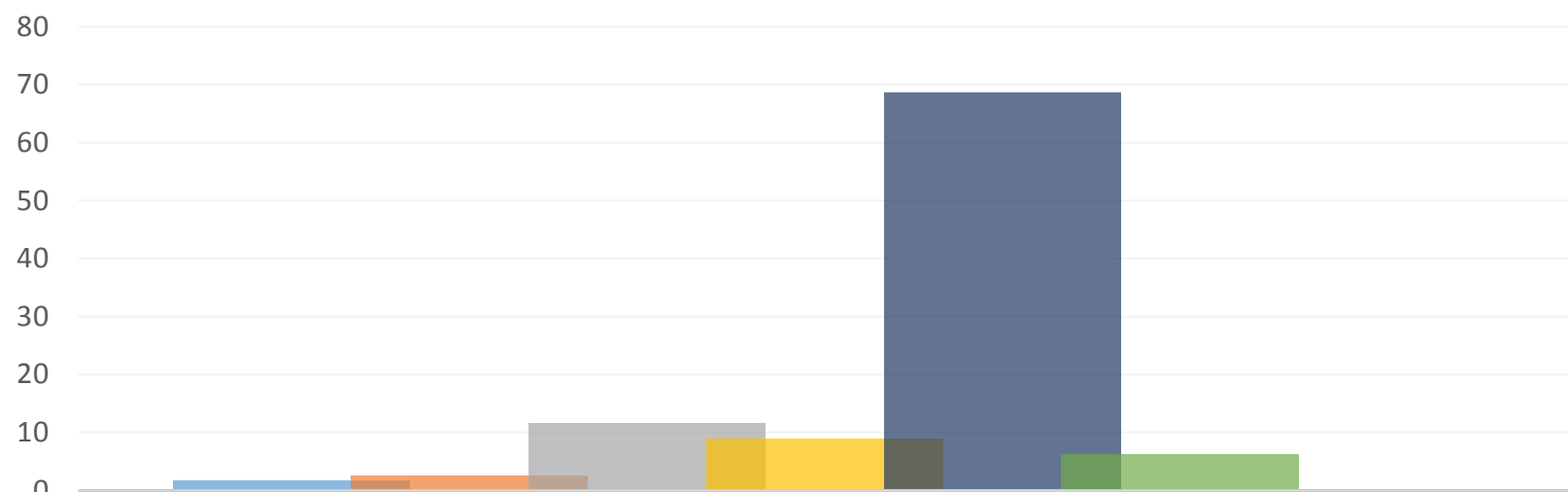
If possible, indicate the percentage of your income that you spend to cover your house's energy needs per month (e.g. operation of appliances/devices, heating/cooling systems, etc.)?



■ 1% - 10%	28,57
■ 11% - 30%	56,25
■ 31% - 50%	8,04
■ More than 50%	0
■ I don't know	6,25
■ Other	0,89

An aerial photograph of a dense urban skyline, likely New York City, showing numerous skyscrapers and buildings. A semi-transparent white box is overlaid on the lower right portion of the image, containing the text. The text is in a bold, black, sans-serif font.

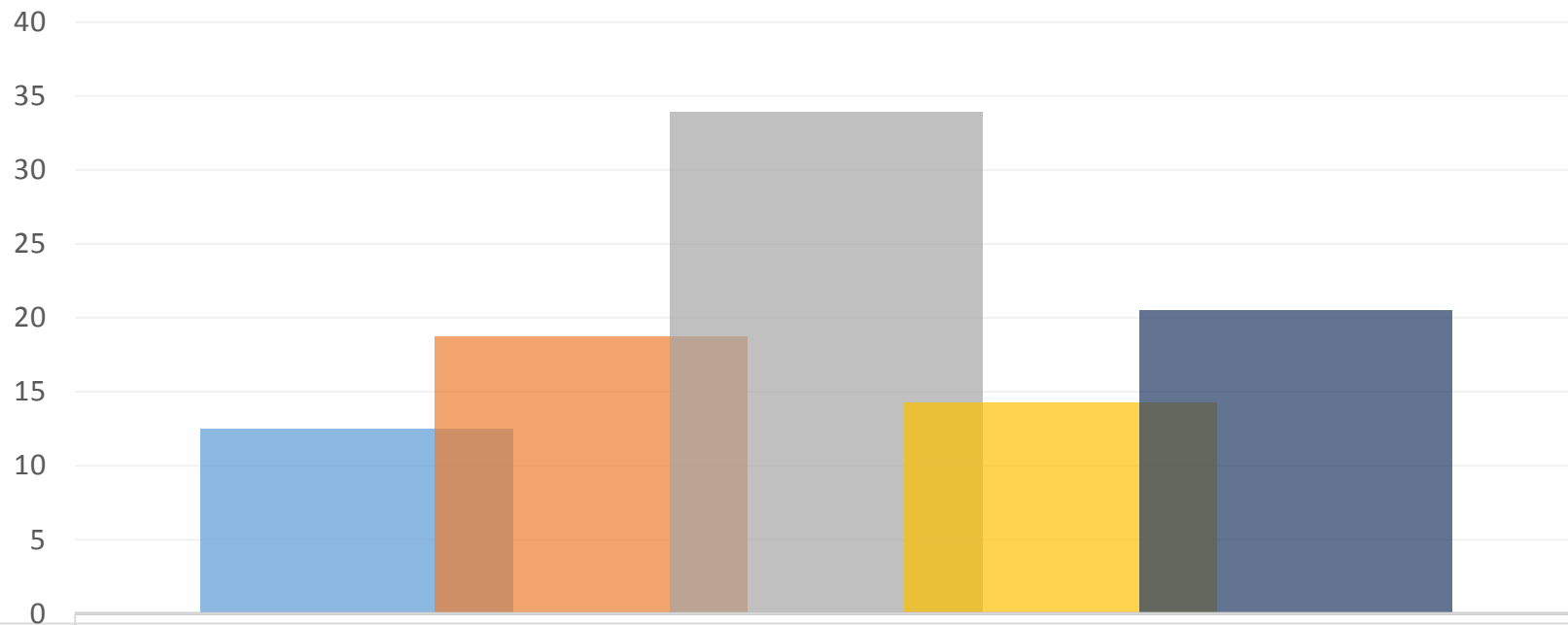
**Which of the following do you consider
as the most effective measures to tackle
Energy Poverty?**



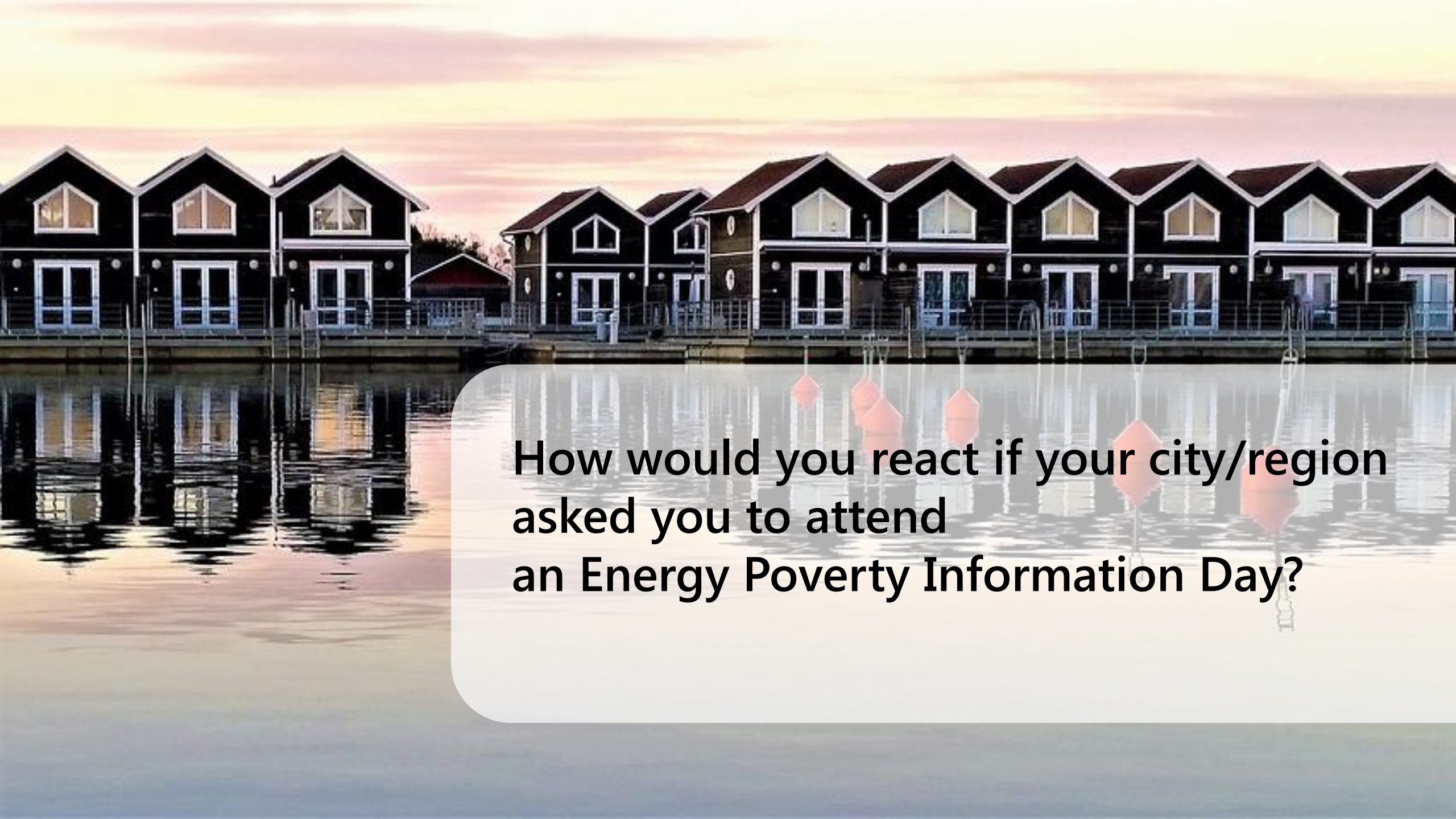
 Behavioural change measures (e.g. turn the lights off when you leave the house, use water heater less time)	1,79
 Low-cost measures (e.g. draught proofing, installation of smart meters, use of low-energy lighting, energy efficient appliances, etc.)	2,68
 Both (behavioural change measures and low-cost measures)	11,61
 Actions for the improvement of the building's energy performance (new retrofit technologies, HVAC, RES, etc)	8,93
 All of the above (behavioural change measures, low-cost measures, and improvement of the building's energy performance)	68,75
 None of the above	6,25
 Other	

A photograph of a modern glass skyscraper reflecting a historic building with a red-tiled roof. The reflection is clear and detailed, showing the architectural details of the older building. The sky is a clear, bright blue.

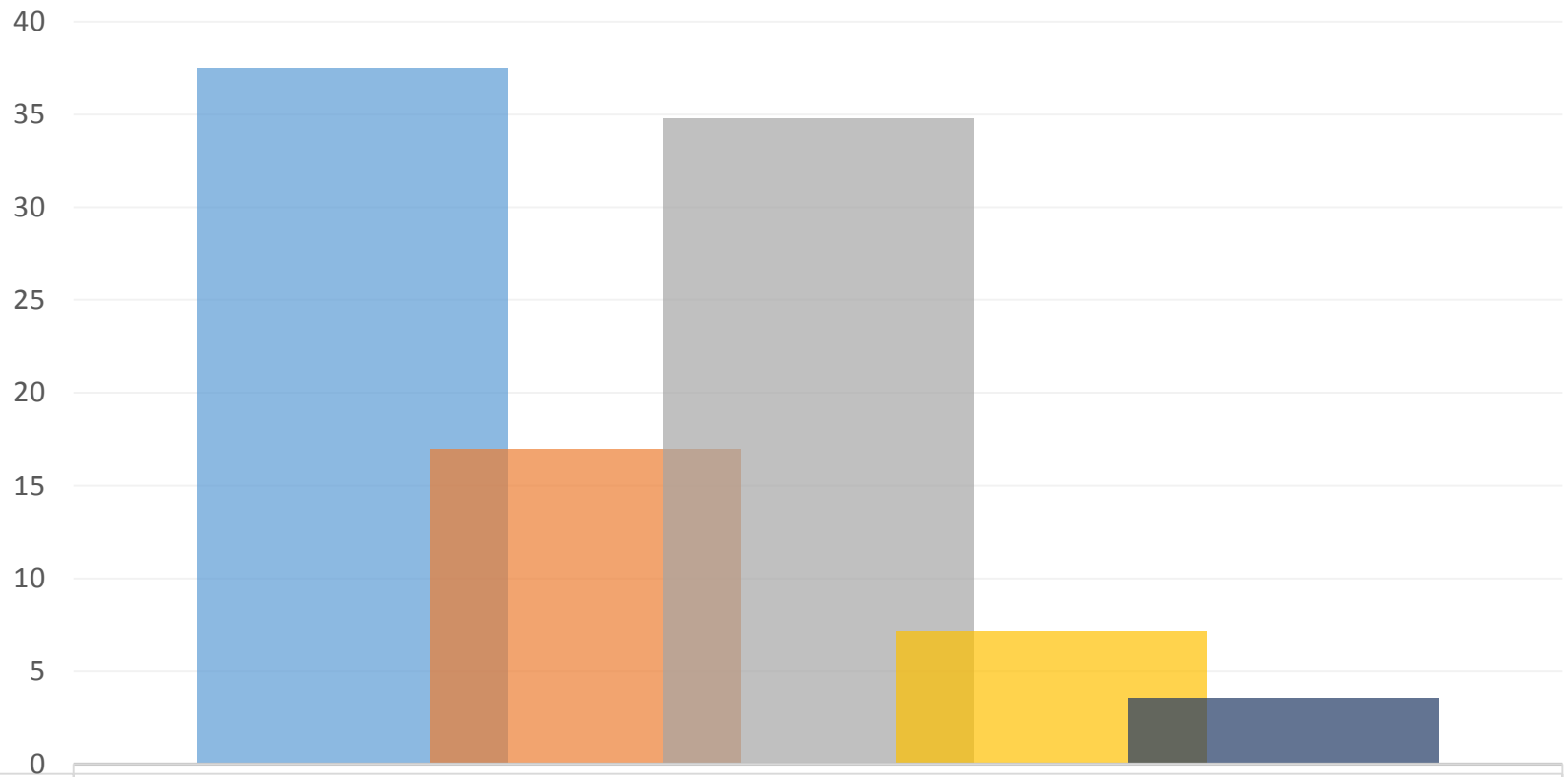
Does your country have any financial programmes to tackle Energy Poverty?



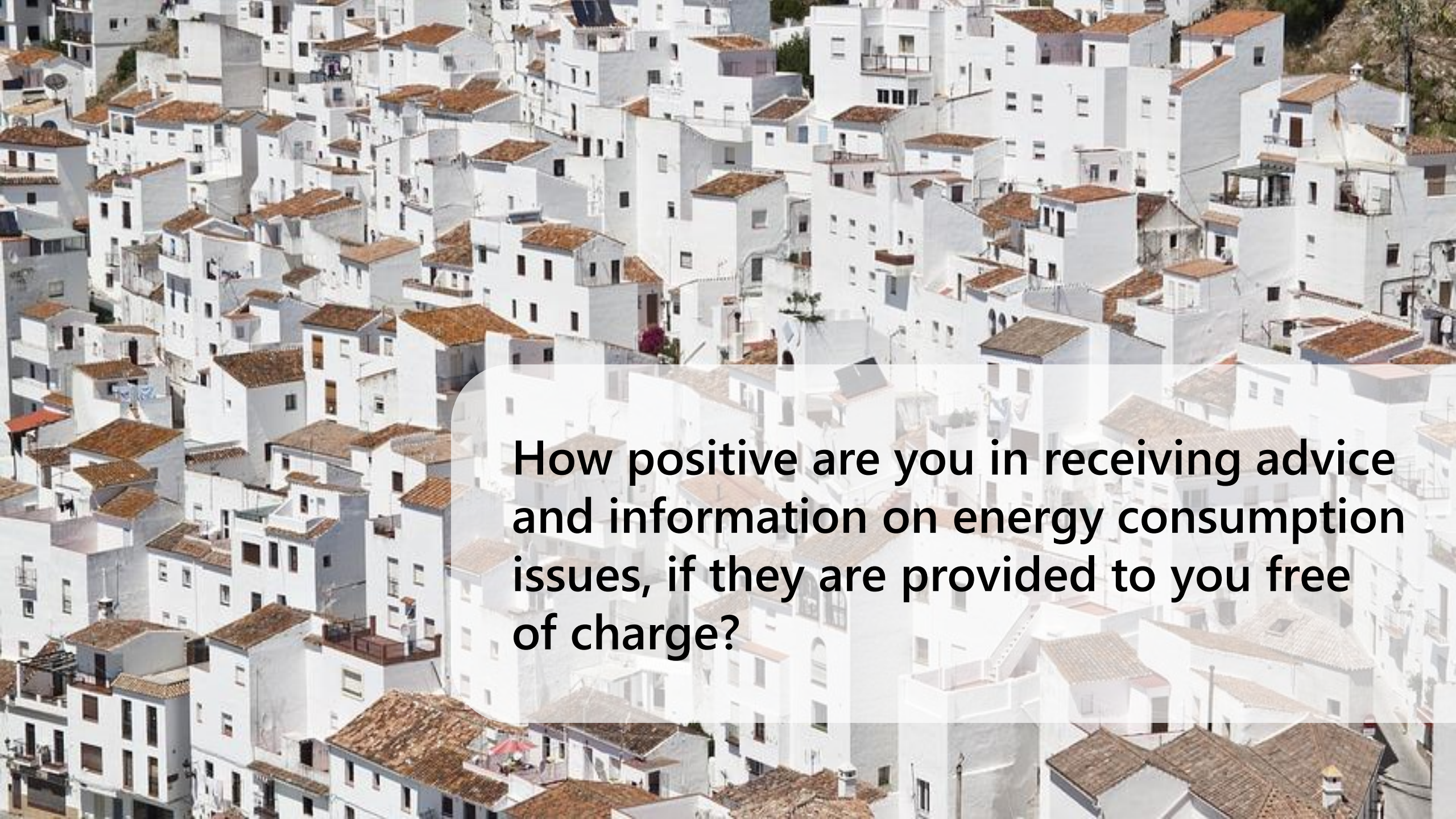
■ Yes, it has and these programmes are widely known to the citizens	12,5
■ Yes, it has but citizens don't know many details	18,75
■ Yes, but time-consuming bureaucratic procedures do not allow massive participation	33,93
■ No, there are not any financing programmes	14,29
■ I don't know	20,54



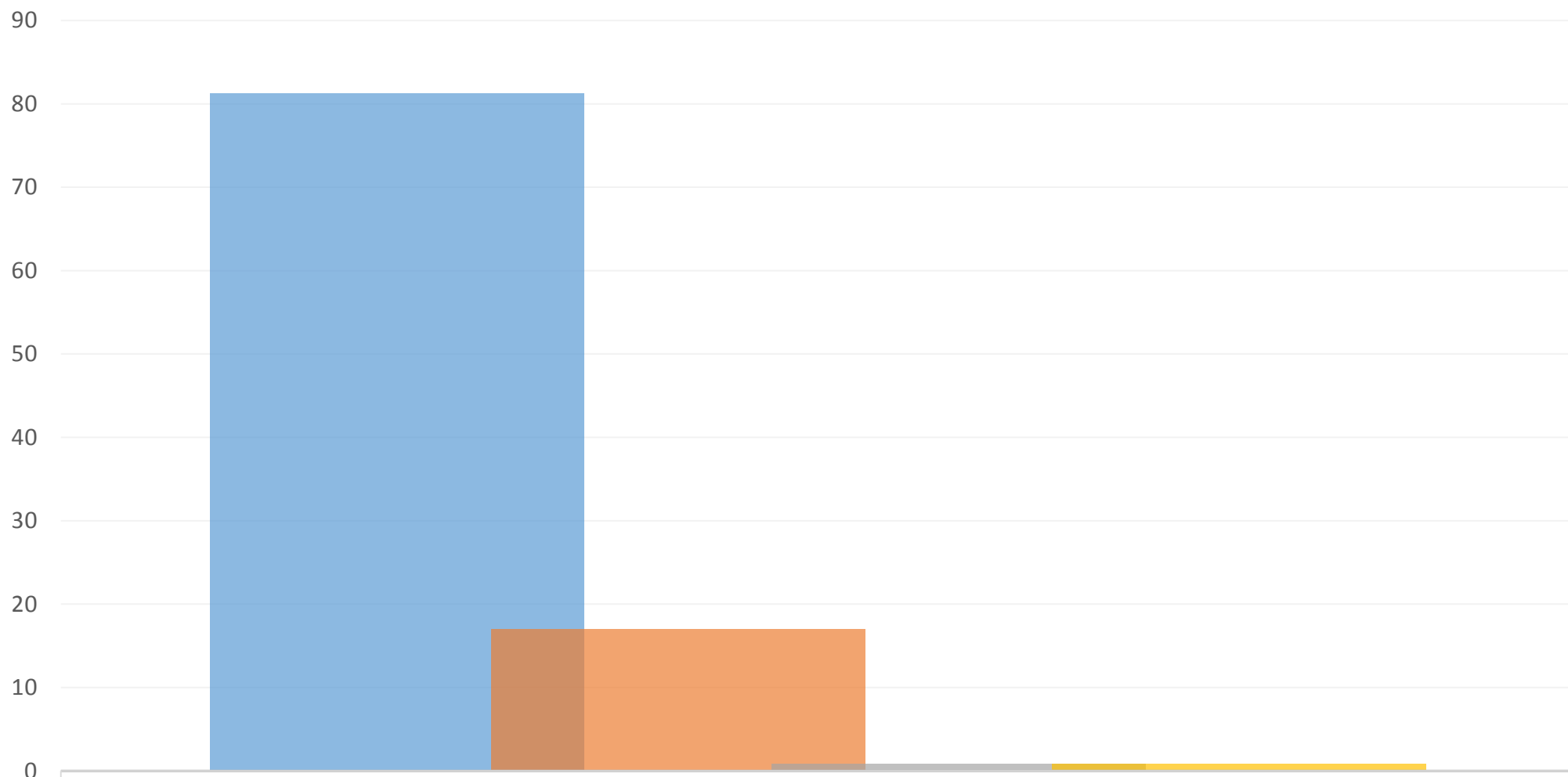
How would you react if your city/region asked you to attend an Energy Poverty Information Day?






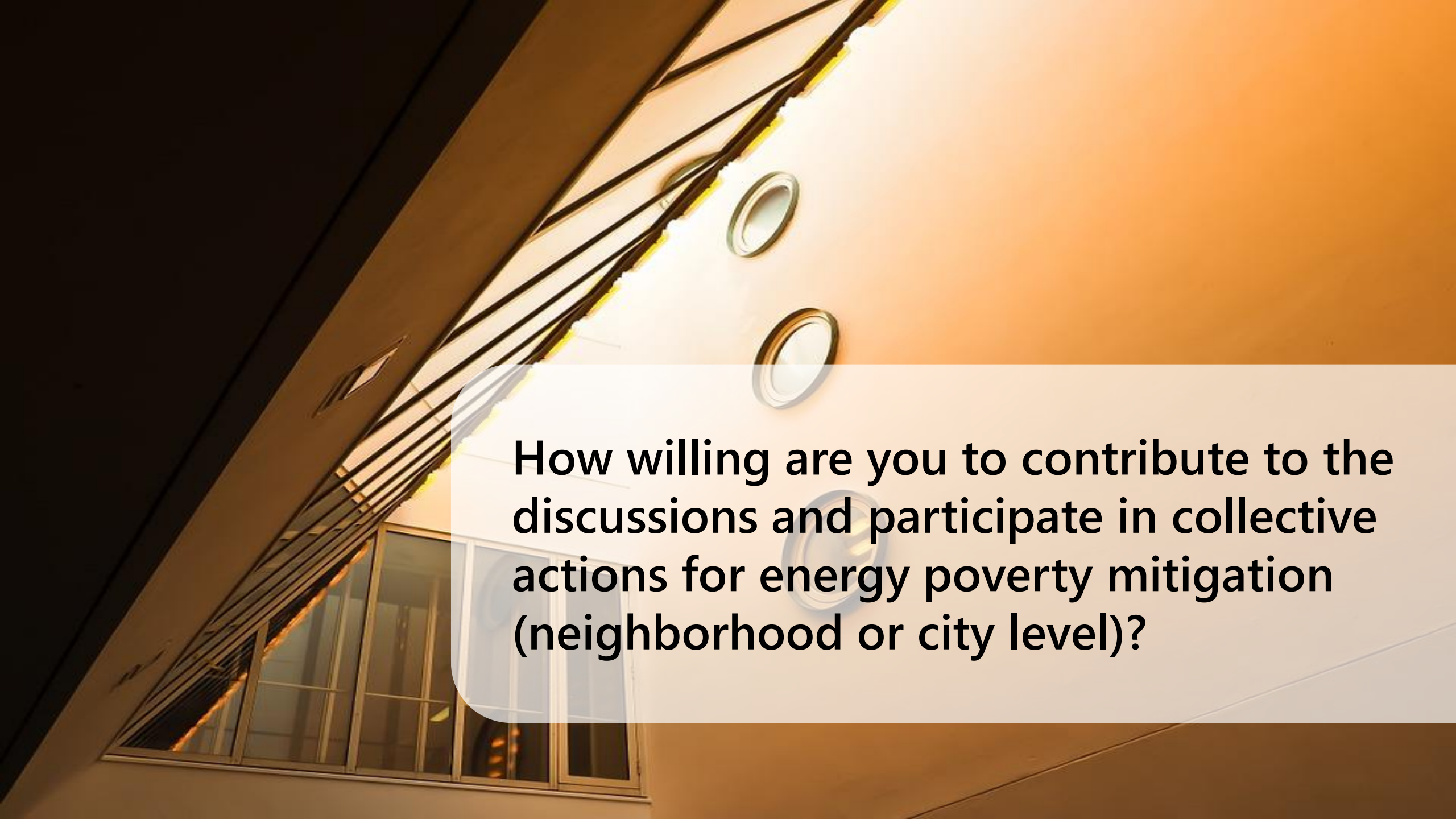
I will gladly attend	37,5
I will join and I will invite my friends to participate as well	16,96
Probably I will attend	34,82
Probably I will not attend	7,14
No, I will not attend. I think these activities are pretty boring	3,57

An aerial photograph of a densely packed town with white-walled buildings and terracotta roofs. The buildings are built on a hillside, creating a complex, layered appearance. The roofs are a mix of reddish-brown and brown tones. The overall scene is bright and sunny, with clear shadows and highlights on the white walls.

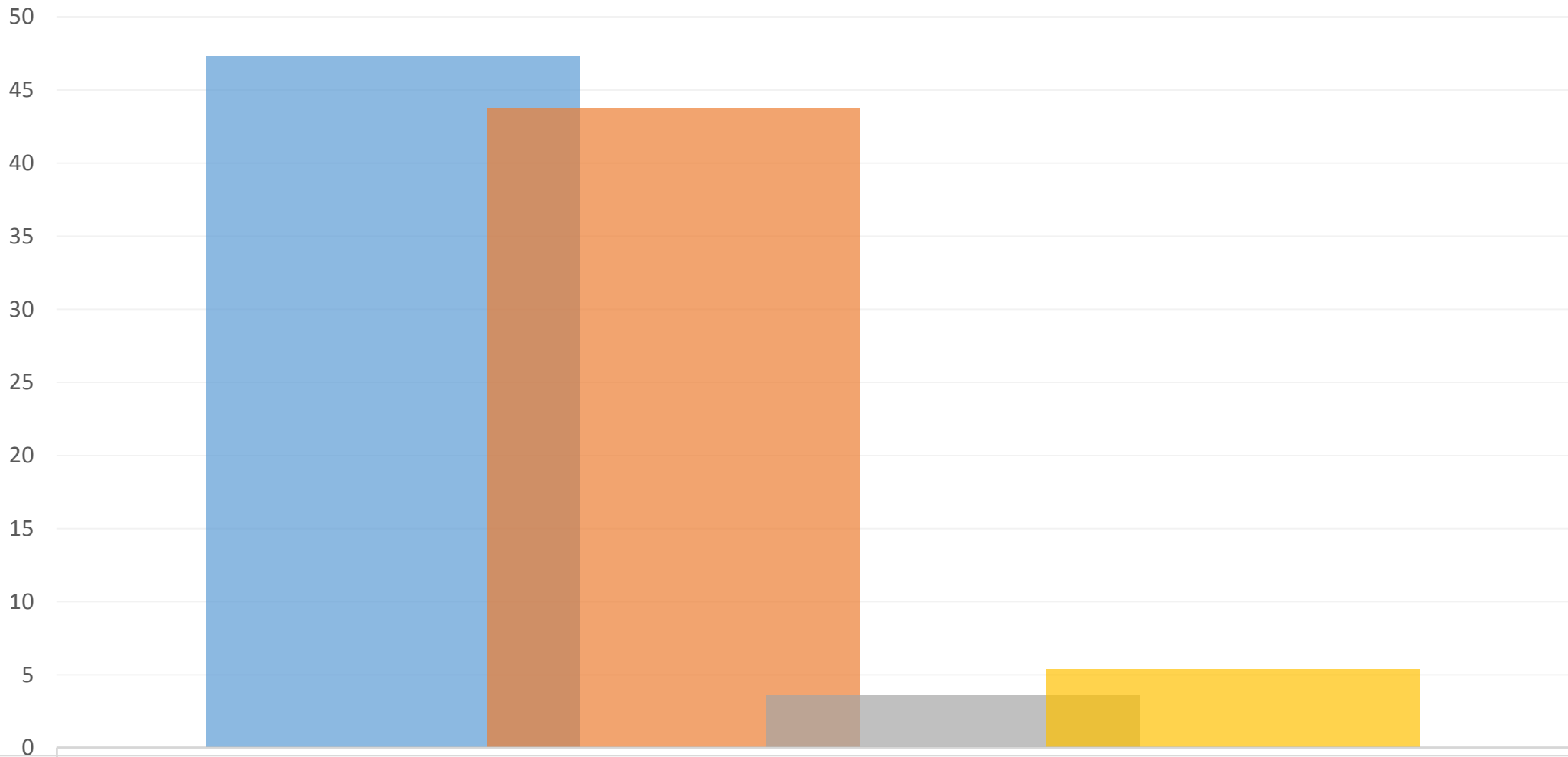
How positive are you in receiving advice and information on energy consumption issues, if they are provided to you free of charge?



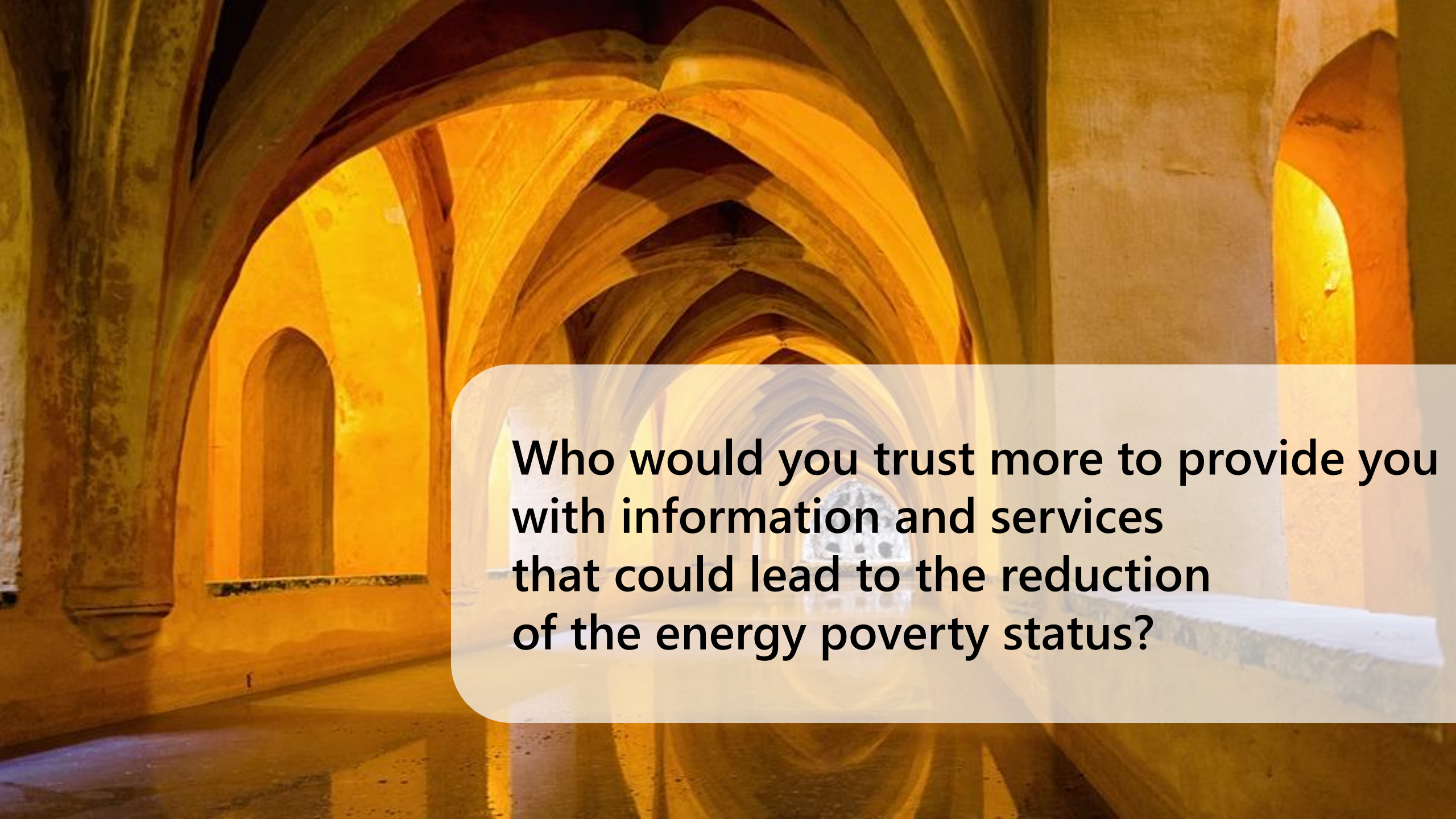
 Very positive	81,25
 Slightly positive	16,96
 Negative	0,89
 I don't know	0,89

A photograph of a modern building's exterior, featuring a large window and a curved facade. The image is overlaid with a white text box containing a question.

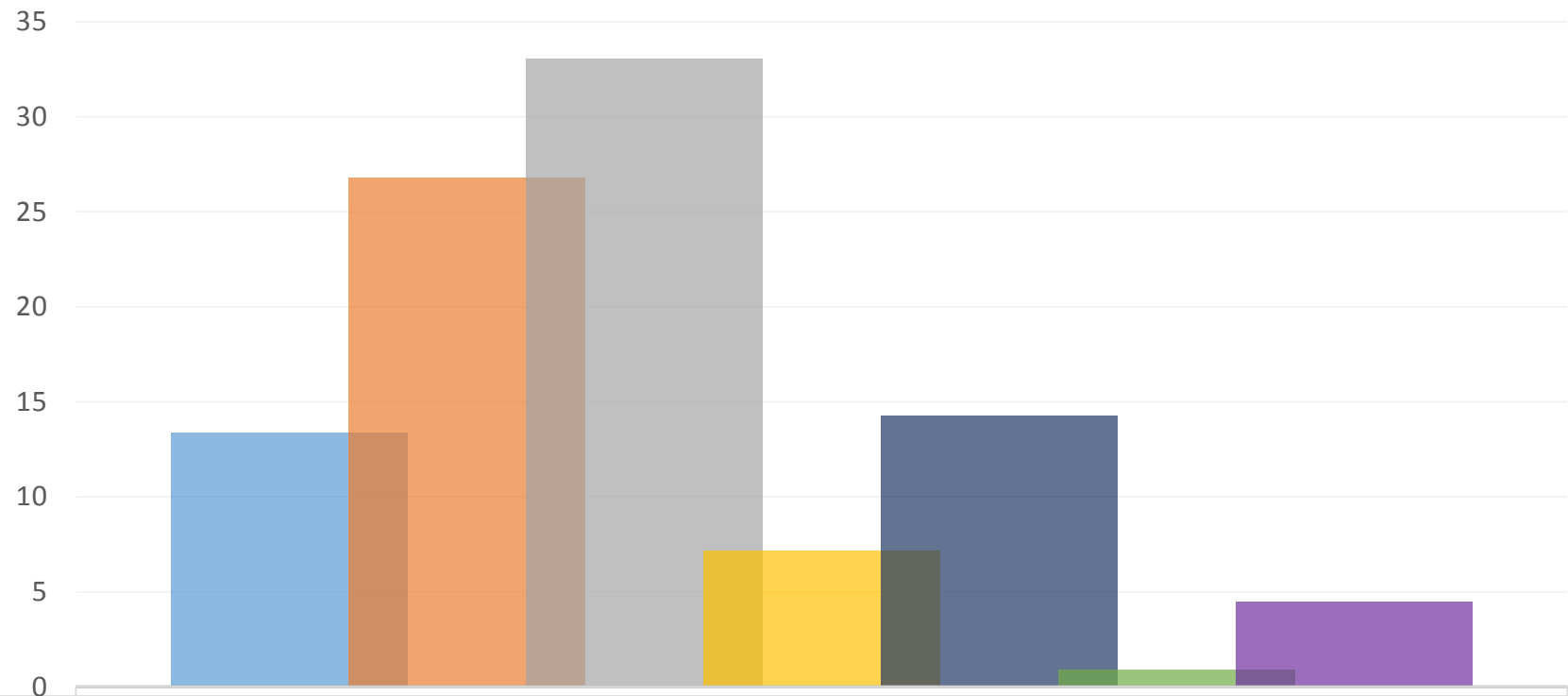
How willing are you to contribute to the discussions and participate in collective actions for energy poverty mitigation (neighborhood or city level)?



■ Very willing	47,32
■ Slightly willing	43,74
■ Negative	3,57
■ I don't know	5,36



Who would you trust more to provide you with information and services that could lead to the reduction of the energy poverty status?



■ A private company	13,39
■ A consumer association	26,79
■ A local authority (municipality/local energy agency)	33,04
■ An energy utility/supplier	7,14
■ An energy cooperative	14,29
■ Other energy company	0,89
■ Other	4,46

REAL ACTIONS ARE NEEDED

Motivation

Collaboration with citizens

Awareness campaigns

Engagement strategies

Innovation




We flew
40 000 KM
WITHOUT FUEL

A first for energy
Take it further!

Photo Source: <http://bertrandpiccard.com>



Thank you
for your
attention!