

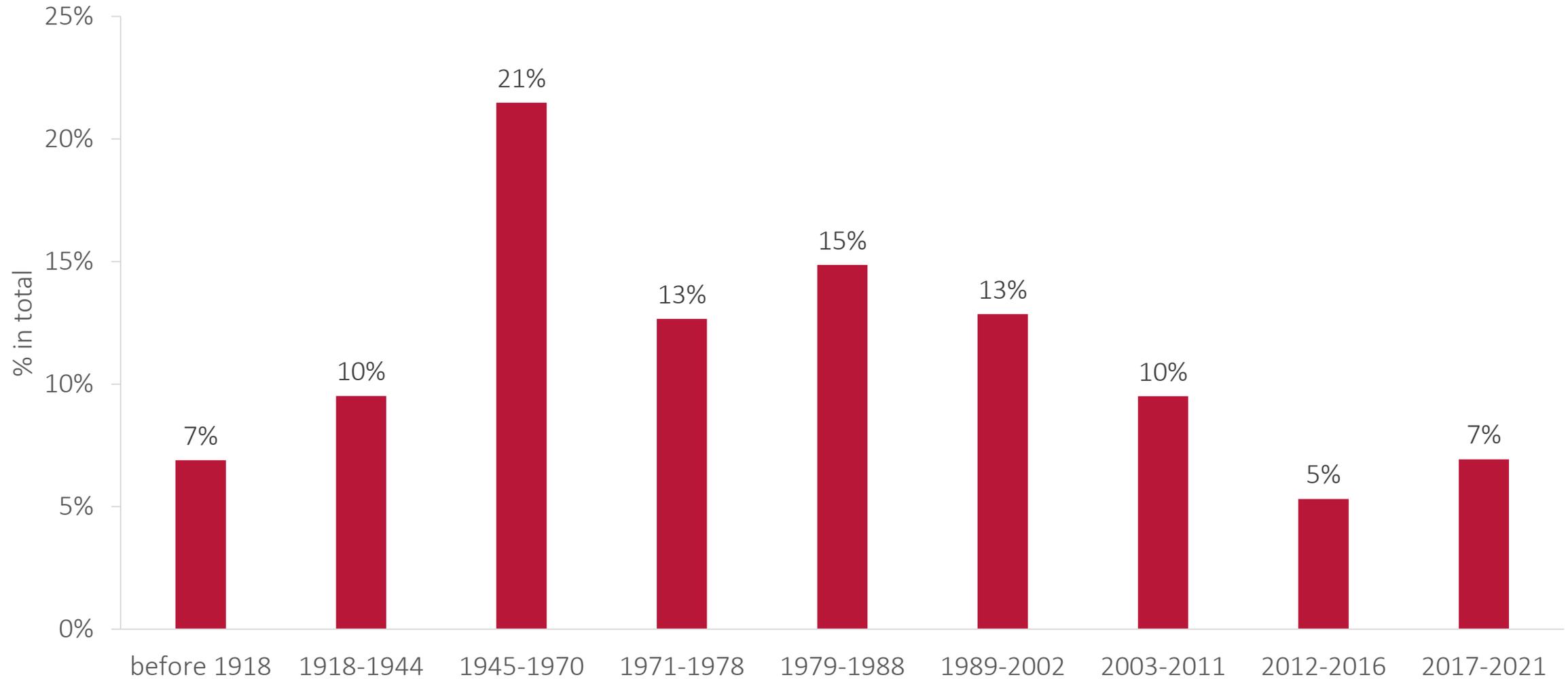
# Financing renovations where it is most needed: Investment plans for renovations

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There are about 15 million housing units in Poland. More than 1 million of them is older than 100 years. Half of them was built during communist rule in Poland

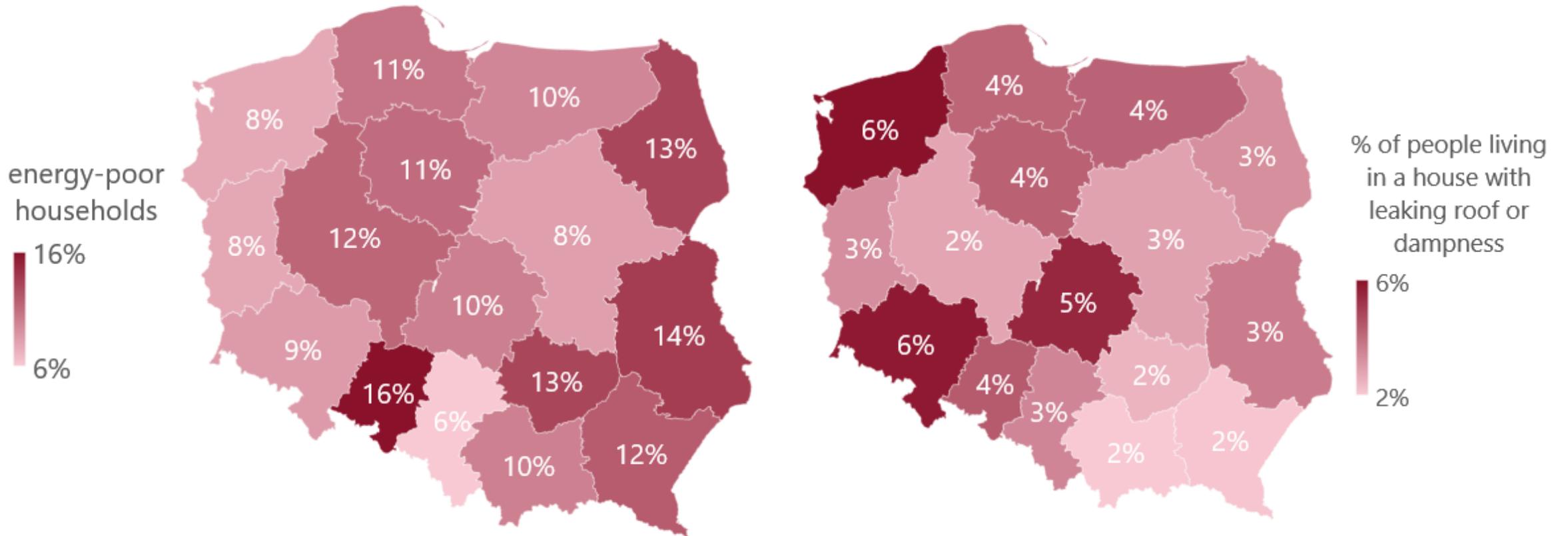


Source: Energy poverty and unfit housing in Poland. An investment strategy to renovate the worst-performing segment of the housing stock (2023).

Over 1.5 million energy-poor households in Poland (10%), with higher prevalence in the east due to low incomes and in the west due to poor housing conditions.

Low income, High Cost

Housing faults

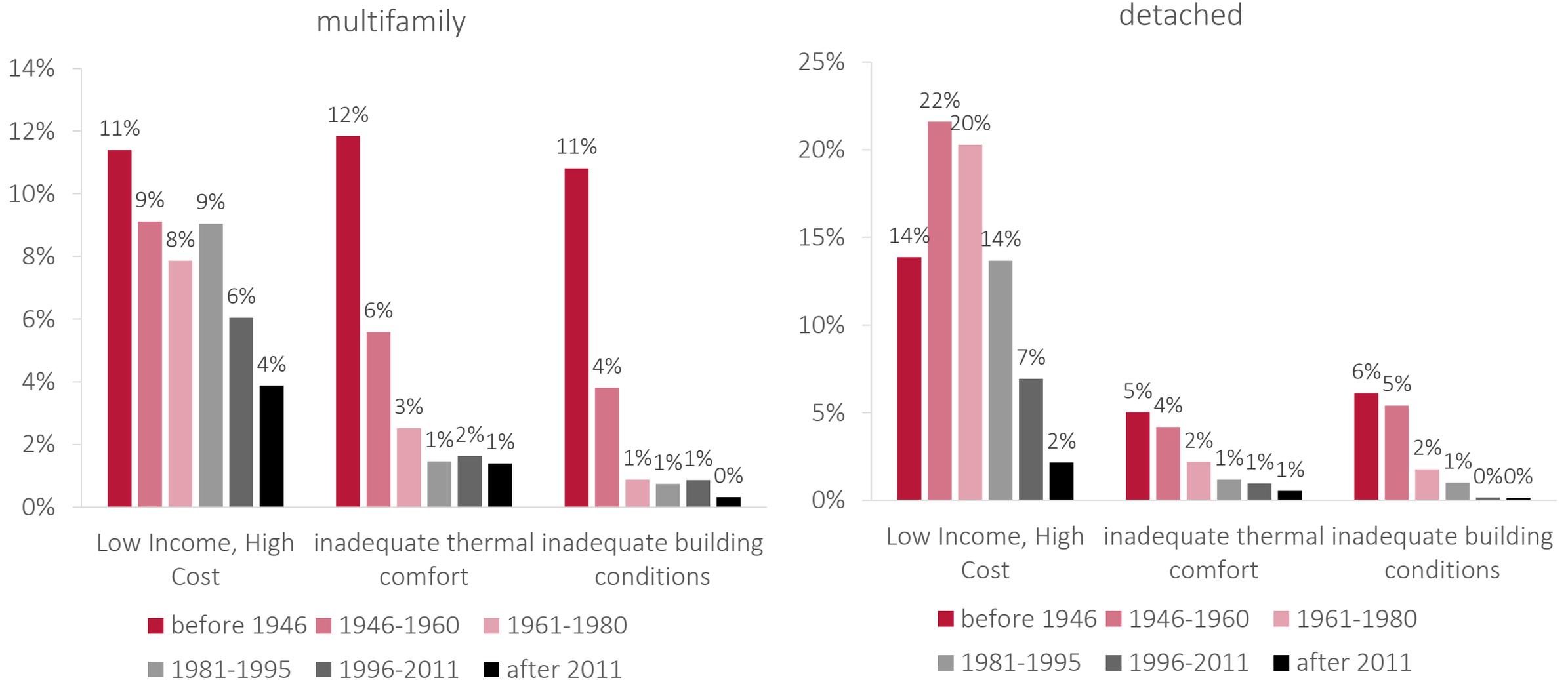


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Source: Energy poverty and unfit housing in Poland. An investment strategy to renovate the worst-performing segment of the housing stock (2023).

# In older multifamily buildings, residents face higher energy poverty risks, while in detached buildings from the 1960s-1980s, income and energy costs are key concerns



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## By 2030, thermal refurbishment of residential and public buildings in Poland will require an investment of 85 billion EUR

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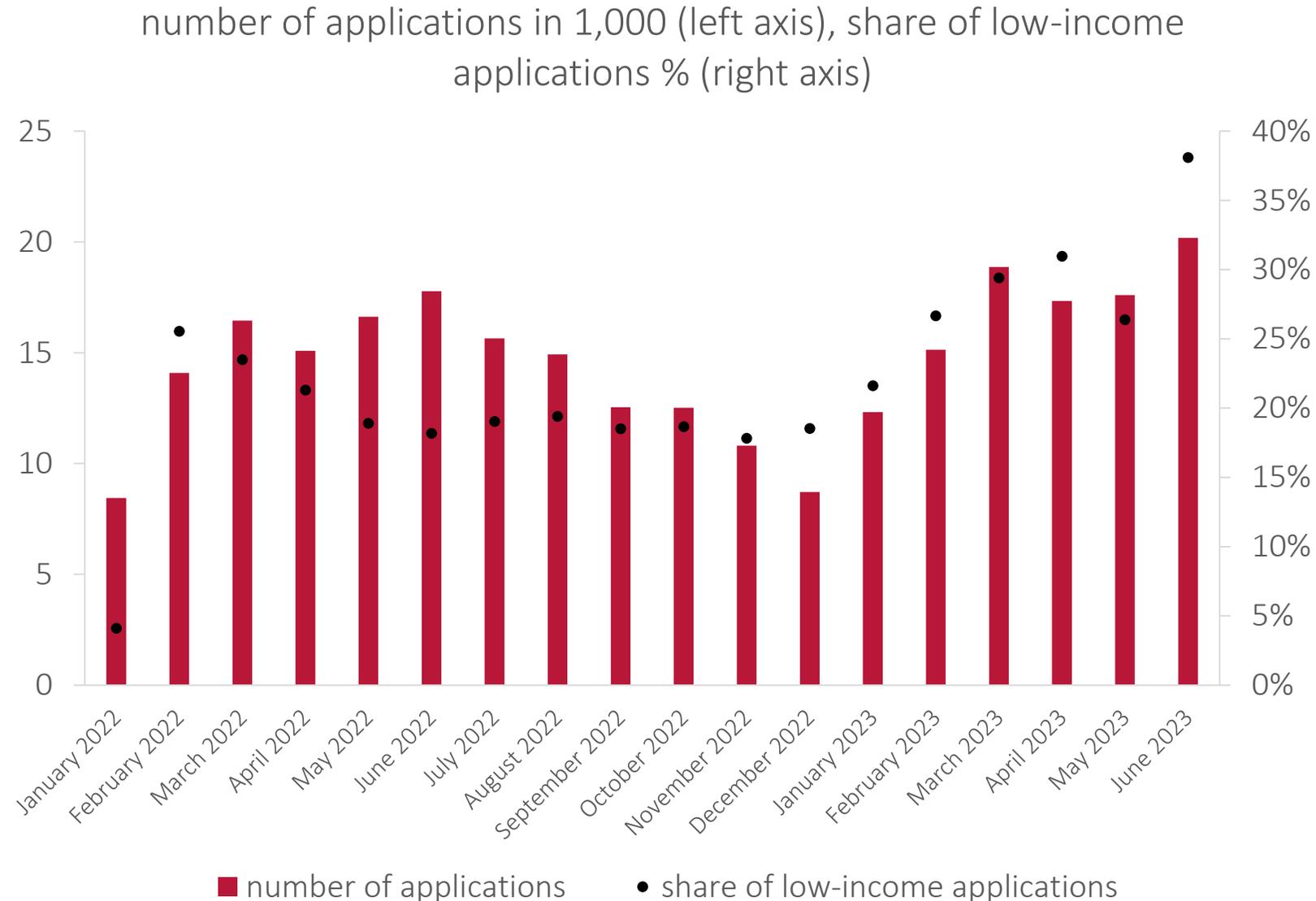


- According to the LTRS, approximately 65 billion EUR will be secured by EU funds.
  - Of this amount, approximately 13 billion EUR (15%) would be needed to renovate the worst-performing building stock inhabited mostly by people in energy poverty
- Core challenge is allocating these funds to reach the most vulnerable households;
- The initial phase of the renovation efforts should prioritise 900,000 of the worst-performing housing stock (150,000 dwellings / per year)
  - It is feasible: the number of low-income people applying for financing in the Clean Air Programme is 7,000 per month (12,500 required).
- Not only individual efforts: use the energy transition funds for social housing.

## Clean air (and Warm Home) programme is a key instrument for funding clean heating and thermal-retrofits of private buildings

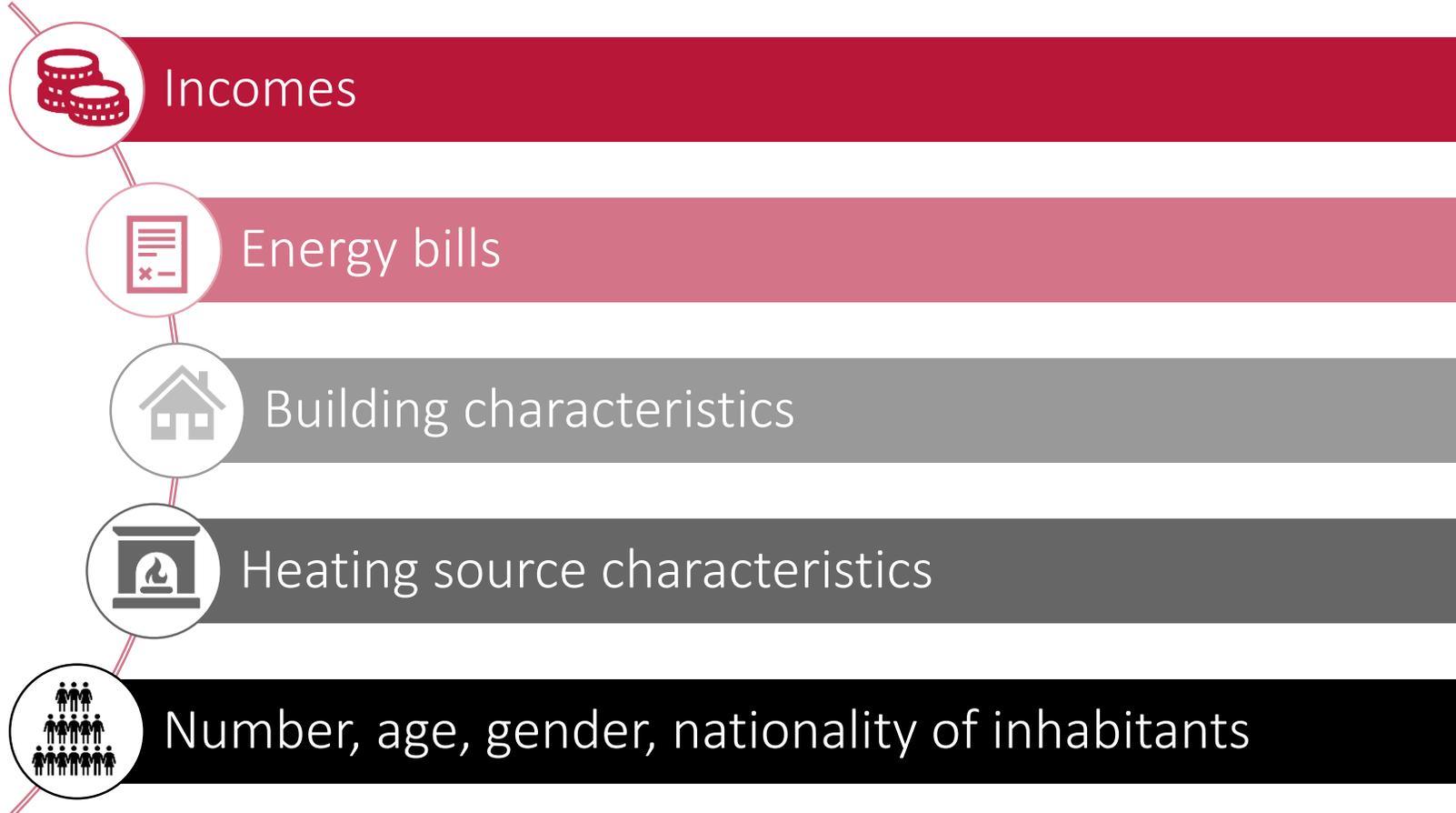
- More than **20 billion EUR** of funding
- Constant **improvements** over time
- Up to **100%** of **financing** for low-income households
- **Pre-financing** for low-income households

Source: Energy poverty and unfit housing in Poland. An investment strategy to renovate the worst-performing segment of the housing stock (2023).



# The funding is there, what is missing is system of identification of priority areas of intervention and a clear signal on how to prioritise the investments

The more administrative data you have, the more precise your calculation will be



Find areas that require most immediate intervention and areas that will bring the most social, environmental or economic benefits

Based on administrative data in Warsaw we can find areas where interventions bring the most social and environmental benefits



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