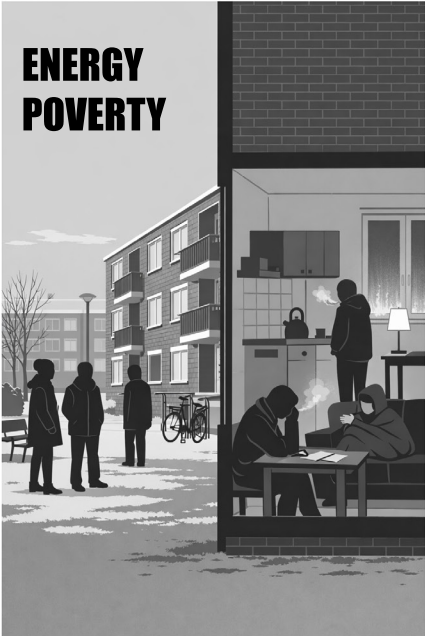


CASE 01 **Financial precarity and energy poverty**



Energy Performance Certificates

Rented flat with low rent
EPC often F or G rating
Old appliances with high consumption

“Children have to learn at school or in the library because it just can’t be done there [at home] and for showering they have to go to the gym at school.”
(ELZO Workshop)

Key patterns

Job insecurity

Gas bill is unmanageable in the winter

Poor indoor air quality, mold

Mental capacity already full: new burdens unmanageable

Low trust in landlords

Subsidies not reaching the poorest households



Affected group of people

Working poor

Hardly have time and money because of low income and difficult working conditions

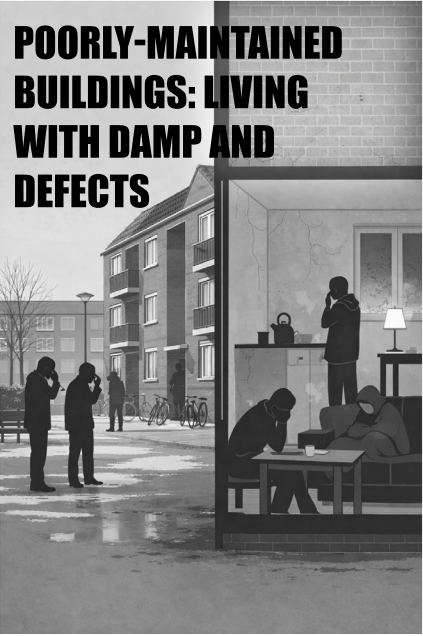
Single parent

Low income and one or more children still dependent. They need care and entertainment

Elderly households

Fragile health, much time at home and a small pension

CASE 02 **Material and spatial deficiencies**



Energy Performance Certificates

Rented flat with relatively low rent
EPC often D or C rating
Old appliances with mid-high consumption
Unhealthy building

“There was a path that everyone used: the paving stones were completely crooked, and people couldn’t get through. That immediately killed all willingness to cooperate with the renovation project.”
(ELZO Workshop)

Key patterns

High energy bills

Feel of shame for visual appearance

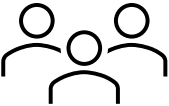
Poor indoor air quality, mold

Stairwells and entries feel unsafe

Inaccessible public space

Narrow spaces inside apartments

High intolerance to disruption



Affected group of people

Households with spare time

Have time but limited budget

Young generation

Students and trainees with high environmental awareness, spare time, but only a small budget

Old households

Limited mobility, much time at home and a small pension



Energy Performance Certificates

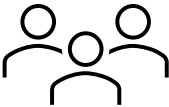
Rented flat with low rent
EPC often D or C rating
Old appliances with high consumption

“Residents starting from the end of March last year didn’t get below 28 degrees.”

“So many renovations give heat stress because ventilation options are cut to save costs.”
(ELZO Workshop)

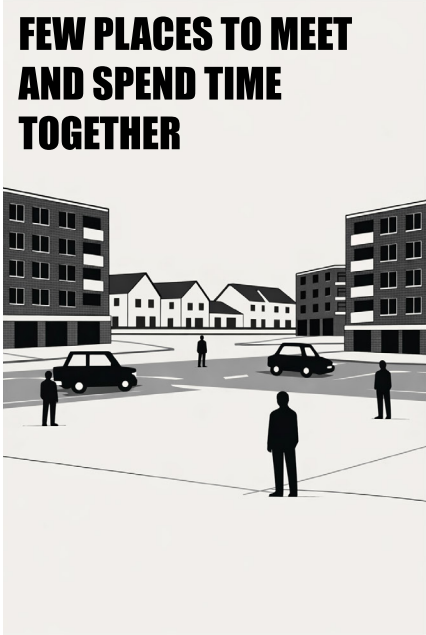
Key patterns

- Gas bill is unmanageable in the winter
- Low thermal mass
- Top-floor flats overheating
- Low trust in institutions
- No trees or external shading



Affected group of people

- Working poor**
Hardly have time and money because of low income and difficult working conditions
- Big families**
Many children with many expenses
- Elderly households**
Fragile health, much time at home and a small pension



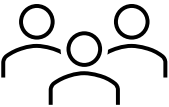
Energy Performance Certificates

Rented flat with low rent
EPC often D or C rating
Old appliances with high consumption
Unused spaces

“If you have the feeling like, I cannot open the window, I don’t know, because something will be thrown inside, then you are not going to do it.”
(ELZO Workshop)

Key patterns

- Gallery corridor as non-place
- Retreating behind own front door
- No building-street level connection
- Feeling unsafe in semi-public space
- Individualized energy systems, no collective stake



Affected group of people

- Households with spare time**
Have time but only a very limited budget available
- Big families**
Many children with many expenses
- Young generation**
Students and trainees with high environmental awareness, spare time, but only a small budget



Energy Performance Certificates

Rented flat with low rent
EPC often D or C rating
Old appliances with high consumption
Unused spaces

"If you have the feeling like, I cannot open the window, I don't know, because something will be thrown inside, then you are not going to do it."
(ELZO Workshop)

Key patterns

Gallery corridor as non-place

Retreating behind own front door

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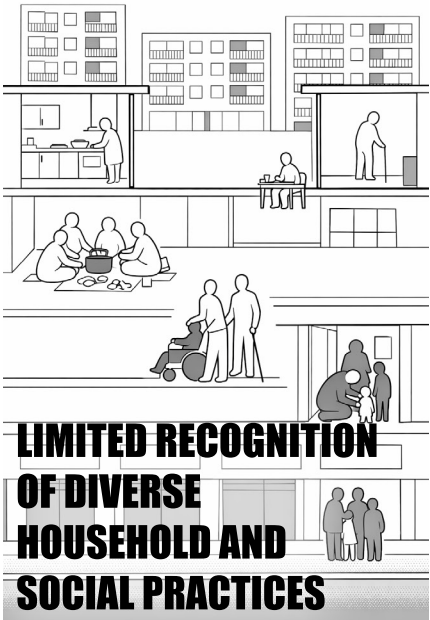


Affected group of people

Households with spare time
Have time but only a very limited budget available

Big families
Many children with many expenses

Young generation
Students and trainees with high environmental awareness, spare time, but only a small budget



Energy Performance Certificates

Rented flat with low rent
EPC often E or F rating
Old appliances with high consumption
Unused spaces

"What you also often see with non-Western immigrants is that the thermal comfort requirement is very different."
(ELZO Workshop)

Key patterns

Lack of external spaces

Residents used to gas system

No building-street level connection

Non-homogeneous domestic routine

Cannot read or operate home technology



Affected group of people

Households with spare time
Have time but only a very limited budget available

Big families
Many children with many expenses

Single parent
Low income and one or more children still dependent. They need care and entertainment