RENOVATION AND ENERGY POVERTY IN THE HUNGARIAN RECOVERY AND RESILIENCE PLAN
Habitat for Humanity Hungary

Energy and Climate Policies

Social Policies

Housing

Energy Poverty

Affordable, Decent Housing for All!
ENERGY POVERTY PRIORITIES

1. Renovation of worst performing buildings (WPB) of low income households

2. Sustainable and affordable heating for households without grid connection

3. Expansion and renovation of social housing stock
ENERGY POVERTY PRIORITIES

1. Renovate WPB

Dwellings by year of construction and building material
source: Hungarian HBS 2018
ENERGY POVERTY PRIORITIES

1. Renovate WPB

- Renovation wave target: 100-130k dwellings/year

- **MULTI-UNIT DWELLINGS (33%)**
  - all concrete block housing (15%)
  - before 1989 (16%)
  - 1990 (2%)
  - after 1990 (11%)

- **SINGLE-UNIT DWELLINGS (67%)**
  - all adobe houses (15%)
  - before 1959 (11%)
  - 1960-1979 (20%)
  - 1980-1989 (10%)

83% built before 1990

Dwellings by year of construction and building material
source: Hungarian HBS 2018
ENERGY POVERTY PRIORITIES

1. Renovate WPB

Highest energy demand
Worst condition
Highest % LIH
Special renovation requirements

MULTI-UNIT DWELLINGS (33%)
SINGLE-UNIT DWELLINGS (67%)

590,000 adobe (mud brick) houses

Dwellings by year of construction and building material
source: Hungarian HBS 2018
2. Sustainable heating

Solid fuel heating by income groups
Source: Hungarian HBS 2018
3. Social Housing

Number of municipally owned dwellings

2.6% of housing stock

EU average: 8%
EXISTING SUBSIDIES

- Renovation and energy subsidies favour (upper) middle class households
- Housing subsidies are part of „family polices”

- Utility price cut (artificially low household energy prices)
- Renovation programmes
  currently 2 large-scale programs from national budget
  - Pre-financing, large bureaucracy (managed by banks)
  - No energy efficiency requirement

- COVID19: very low level of government economic aid

- No renovation subsidies for low-income households
- No renovation component in planned Operational Programs (Cohesion Funds)
Catching-up municipalities (or Emerging Settlements) – BUDGET: 3%
- Social and renewable energy *investments* and *reforms*
- In the 300 most disadvantaged communities
- Coordinated by the Maltese Charity Service

Energy - Green Transition – BUDGET: 10% (households: 6%)
- Energy *investments* and *reforms*

Total 9% of budget housing related

Majority on heating electrification

NO RENOVATION COMPONENT!
Catching-up municipalities (or Emerging Settlements)

1. Construction and renovation of social housing, improvement of housing conditions
   - Basic improvements on 2500 houses
     - without energy renovation
   - 600 social housing units built (owned, managed by Maltese Charity Service)
     - Not municipality/publicly owned
     - Very low number of social housing (100k current stock)
Catching-up municipalities (or Emerging Settlements)

2. Social solar power plants
   - 26.5 MWp total capacity (50-55 settlements, 50-60 families each)
   - Target: families with young children
     - 1 room is heated by new electric heater, which is connected to a prepaid meter with a free top up of €350/heating season
     - Owned by Maltese charity (not residents)
   - Inefficient solution

Parallel institutional system, only selected issues and settlements/regions are covered
Energy - Green Transition

1. Electrification of residential heating systems in combination with solar power systems
   - Target: energy poor households
   - 35k / 12k households, 100% non-refundable
   - Can include plastic (!) window replacement
     - Only Renovation Wave reference!

   - No energy renovation => inefficient
   - Higher fossil fuel/nuclear based energy demand in winter
   - Only for houses in sufficient condition for receiving the new system
## Priorities and Recommendations

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<td>VERY FAR FROM RENOVATION WAVE TARGETS</td>
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Very limited access to energy poor households
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**VERY FAR FROM RENOVATION WAVE TARGETS**

**VERY LIMITED ACCESS TO ENERGY POOR HOUSEHOLDS**
THANK YOU
FOR YOUR ATTENTION!