HOUSEHOLDS UNDER PRESSURE: ENERGY IN(EFFICENCY) THE CASE OF HUNGARY

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Source: Bajomi, Feldmár, 2018

How are the poorest housed?

Detached houses built before 1945

Villages

551 kwh/year/m^2

6.3% of the housing stock

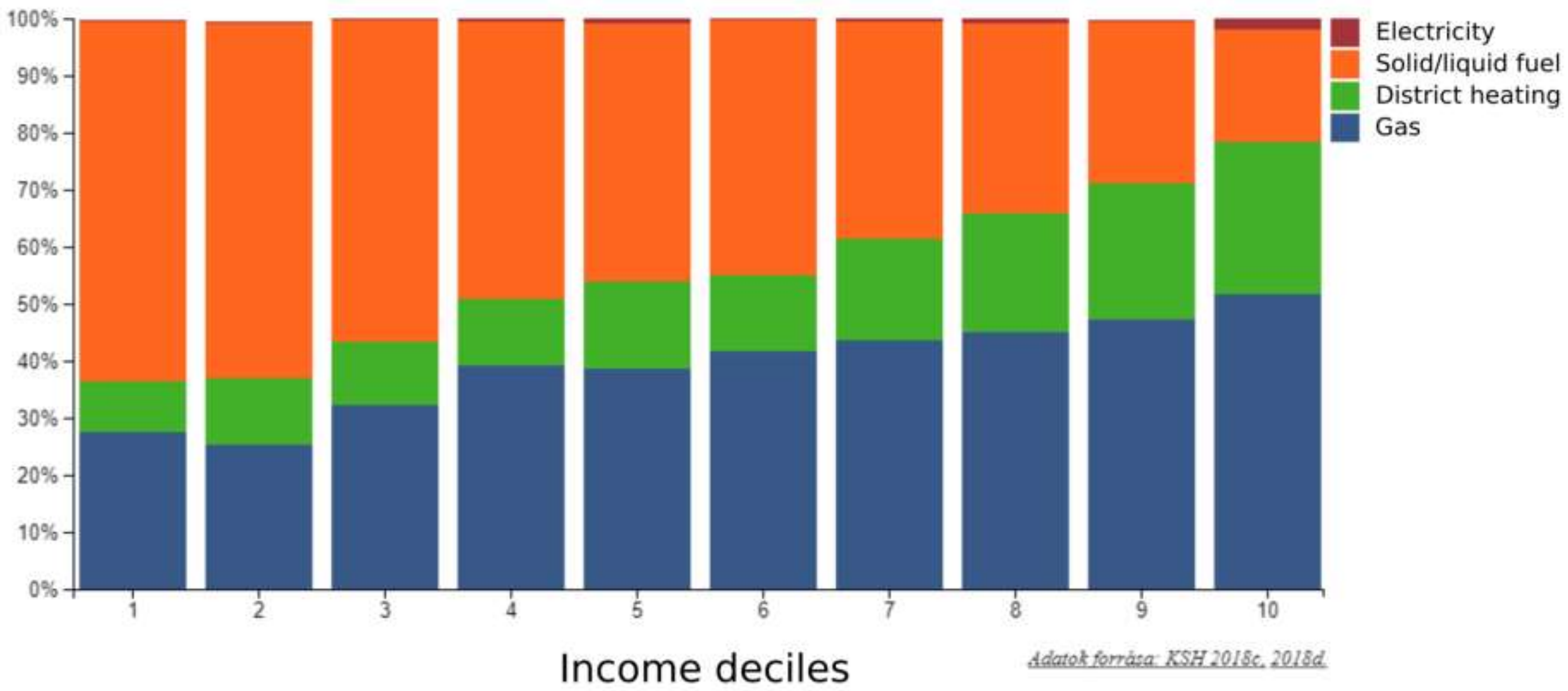
23% unable to keep their home warm.

Elderly, single households

Roma

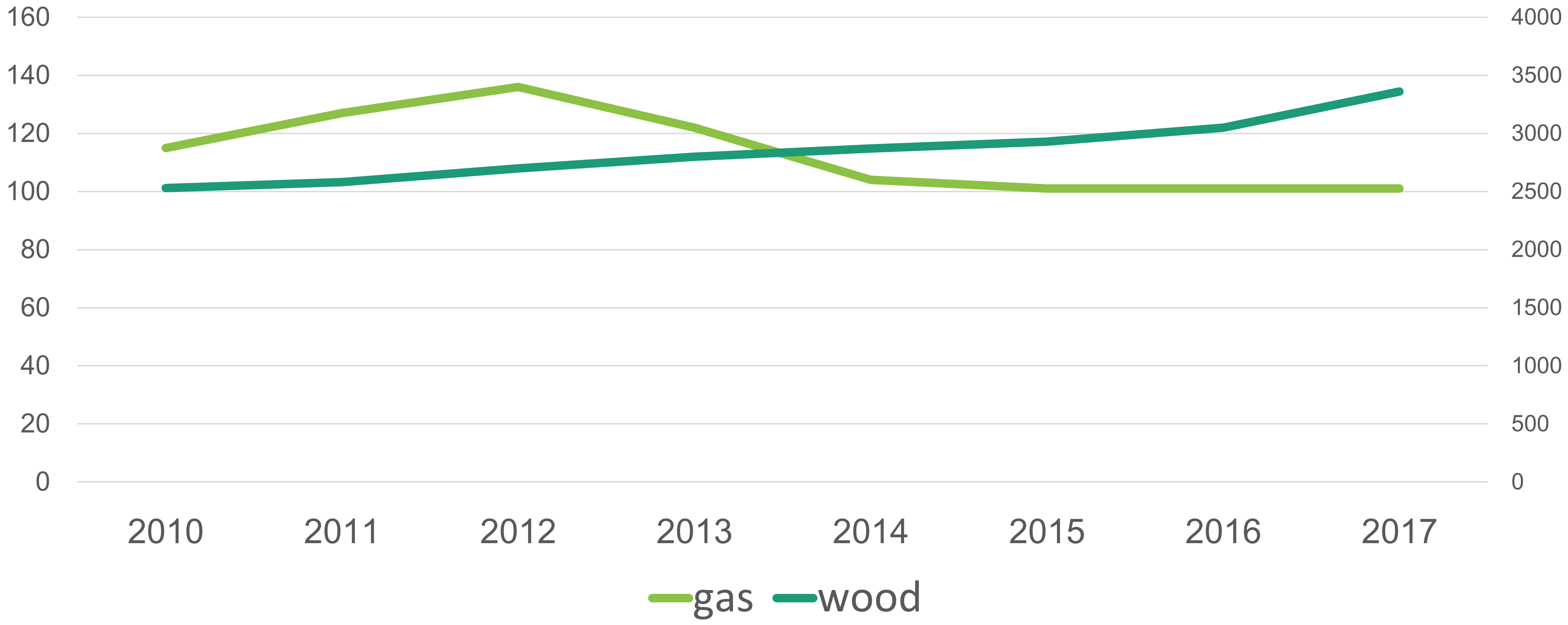
Source: Bajomi, Feldmár, 2018

How do the poorest heat their homes?



Source: Bajomi, Feldmár, 2018

Price of heating fuels



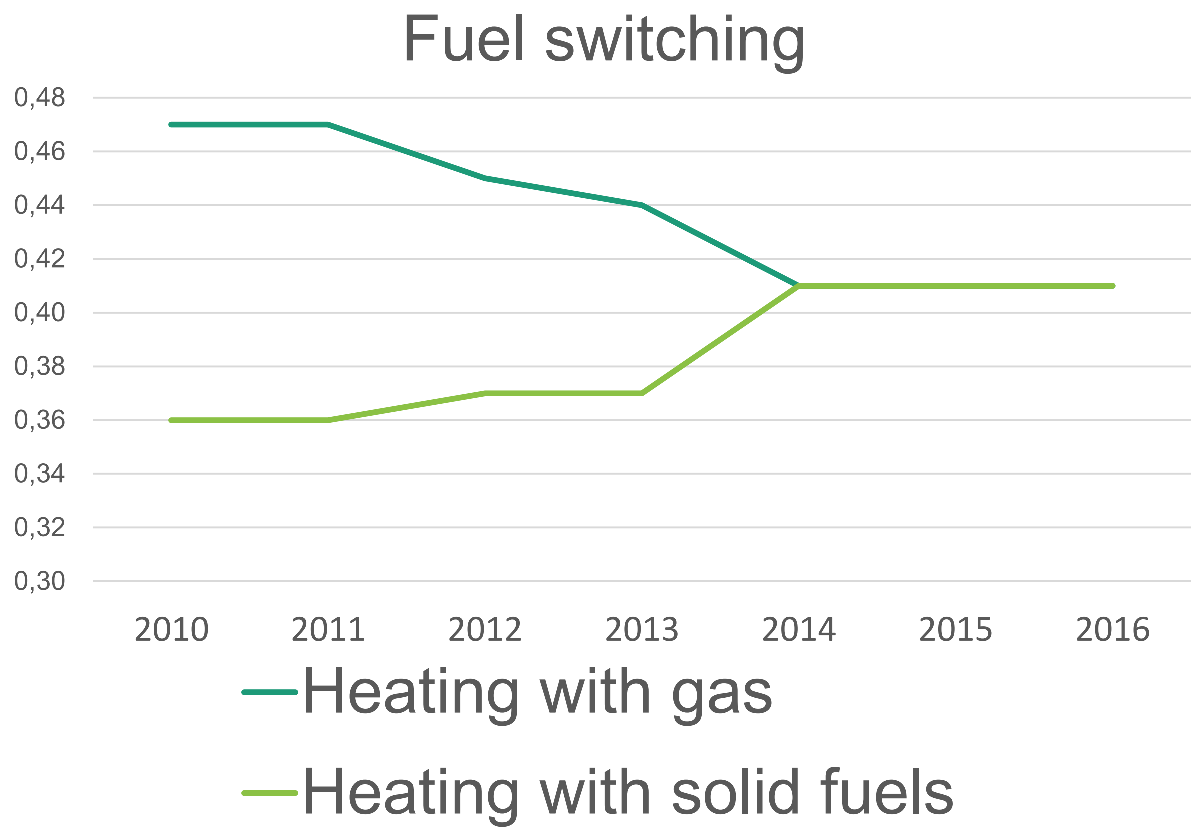
Source: Bajomi, Feldmár, 2018

Coping strategies

Fuel switching

Delay in payment (13-19% of HH)

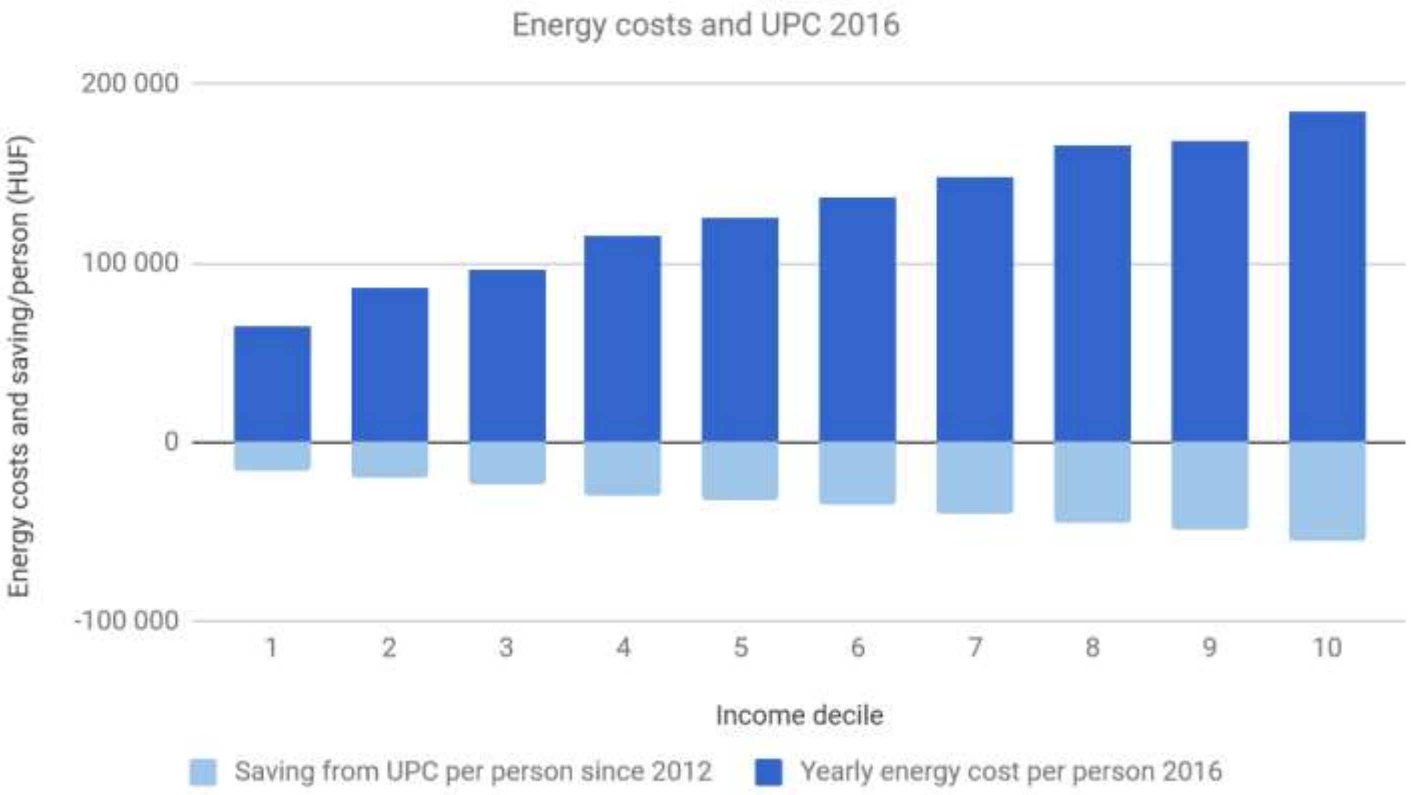
Substitution of fuels with non-adequate heating-materials



Source: Bajomi, Feldmár, 2018

Macro level policies I.

Derecognition of (unsustainable) heating subsidy – introducing a utility price cup which is unsustainable another way
Removing central housing subsidy and debt-managment program
Introduction of a social fuel subsidy with unequal distribution



Source: Bajomi, Feldmár, 2018

Macro level polices II.

Removing 30% state support housing saving schemes: unique opportunity for households to save for (EE) renovations

Other subsidies and loans for EE renovations are hectic, microscale (0,42% + 0,5%) and targeted for upper classes.

80% of the housing stock do not meet the basic energy efficency requirements (300 kWh/m2) (NFM, 2015)

Source: Nők lapja Café

Consequences of the interplay between micro level housing strategies and policy interventions?

1) Negative externalities of coping strategies such as under heating, delays of payment or and air pollution:

- 10,000 persons die prematurely yearly due to air pollution
- Hypothermia
- Other physical and mental health consequences
- Lower performance in school and work

2) The highly need energy efficient renovations are not carried out as there are no financment schemes. Aim until 2020: 700.000 refurbished flats. 5% reached.

Source: Bajomi, Feldmár, 2018

Source

Bajomi, A. ZS., Feldmár, N (2018): Lakásminőség és energiaszegénység. In: Éves jelentés a lakhatási szegénységről 2018. Habitat For Humanity Hungary

Nemzeti Fejlesztési Minisztérium. (2015). Hungary’s National Energy Efficiency Action Plan until 2020.