

ENERGY IN TRANSITION IN CENTRAL AND EASTERN EUROPE

The challenge of energy vulnerability

SERGIO TIRADO HERRERO

STEFAN BOUZAROVSKI

School of Environment, Education and
Development (SEED)

The University of Manchester

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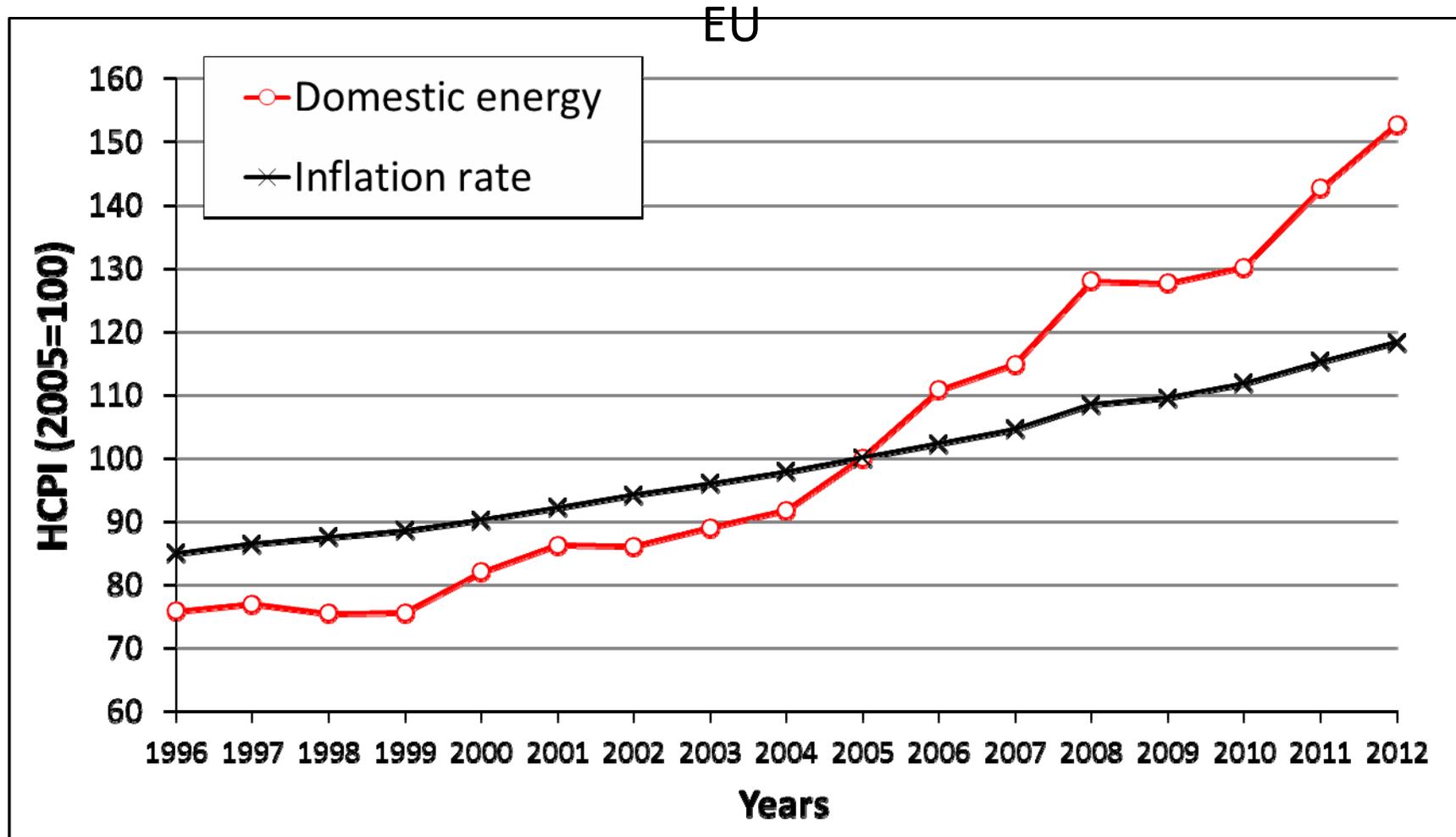


Motivation

- **Post-socialist transition vs. multiple transformations in Central and Eastern Europe (CEE)** (Pavlínek 2003)
 - Unproblematic teleological **linear change** in the 1990s
 - Adoption of market and democratic institutions
 - Complex, contested change as an **on-going process**
 - Multiple transformations, path dependencies, hybrid realities
- **Energy deprivation as an on-going challenge in CEE**
 - CEE: 15% population **unable to keep home adequately warm** (16 M ppl) vs. 10% in rest of the EU (33 M ppl)
- **Transition to a EU low-carbon competitive economy**
 - Roadmap 2050: 80% reduction of 1990 GHG emission levels
 - Further **internalisation of external costs** of energy use

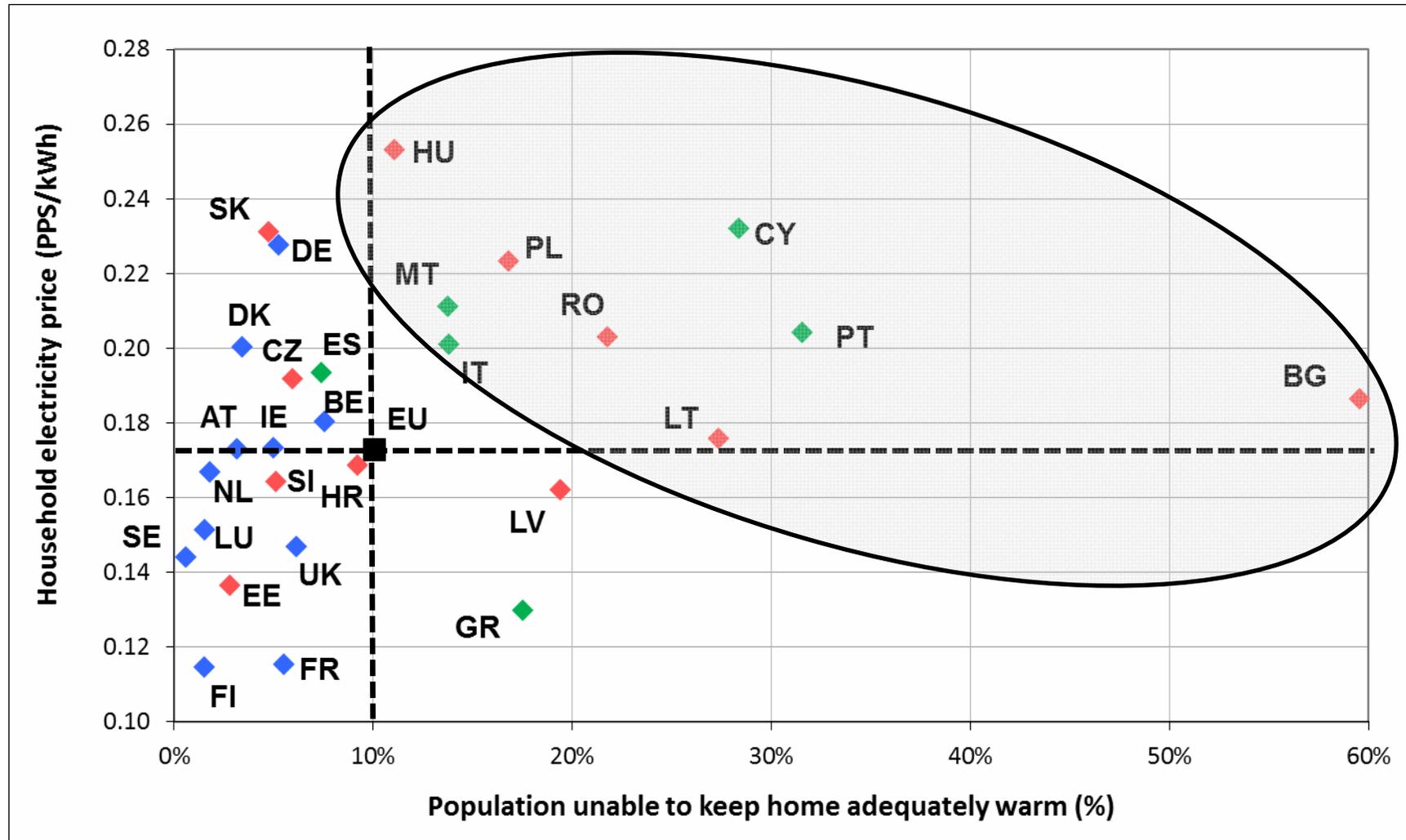
Challenges and barriers (1)

Inflation rate vs. rate of increase domestic energy costs in the



Challenges and barriers (2)

Electricity price vs. pop. unable to keep home adequately warm



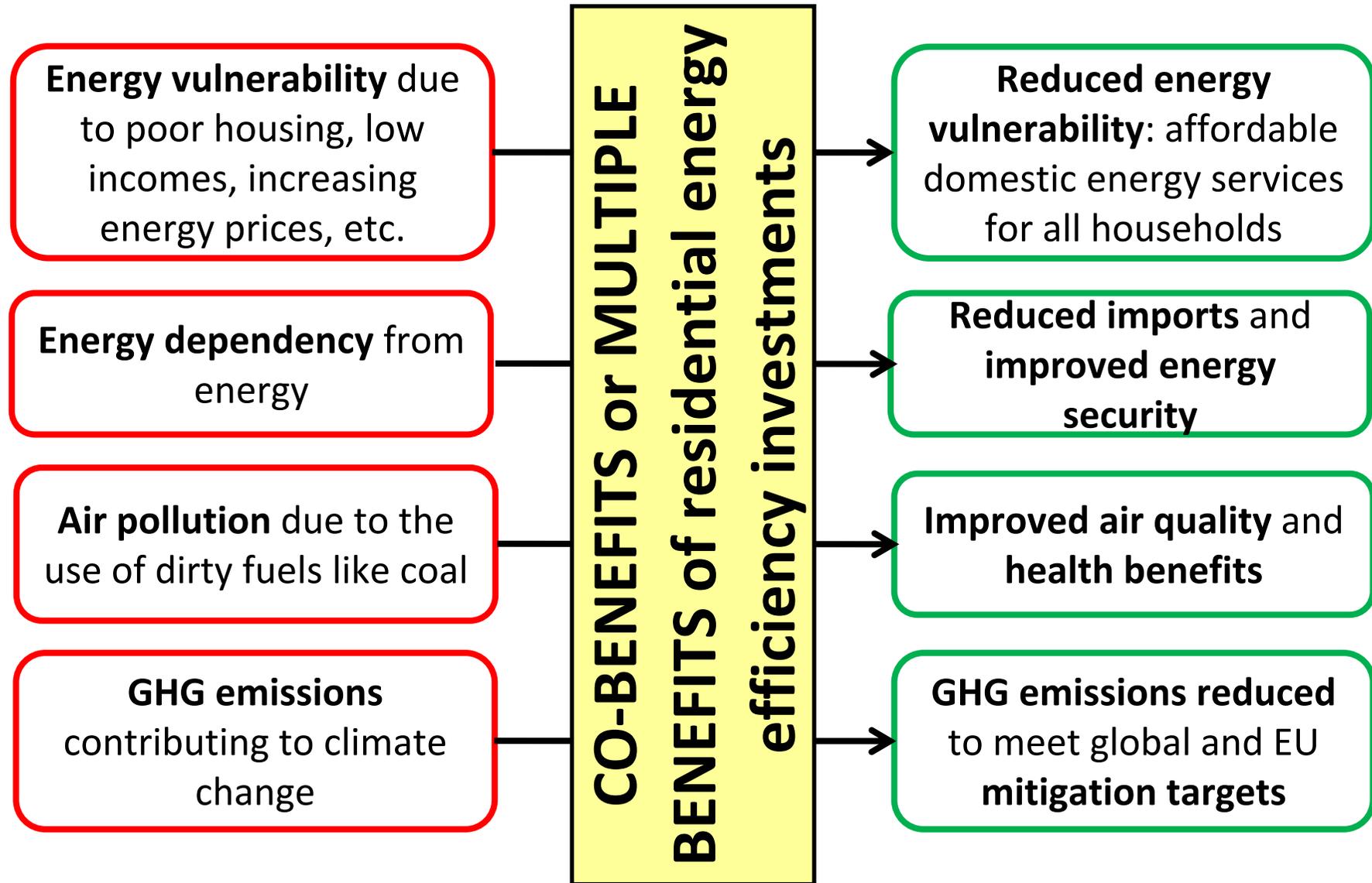
Challenges and barriers (3)

- From **fuel/energy poverty** to **energy vulnerability**
 - “Propensity of a household to suffer from a lack of adequate energy services in the home” (Bouzarovski 2013)
 - **Dynamic nature** and **multiple scales**
 - “Fuel poverty as **injustice**”: distribution, recognition and procedure (Walker and Day, 2012)
- From **endurance** (coping strategies)..
 - e.g., using firewood
- ...to **resistance**
 - Bulgaria protests Jan-Feb 2013



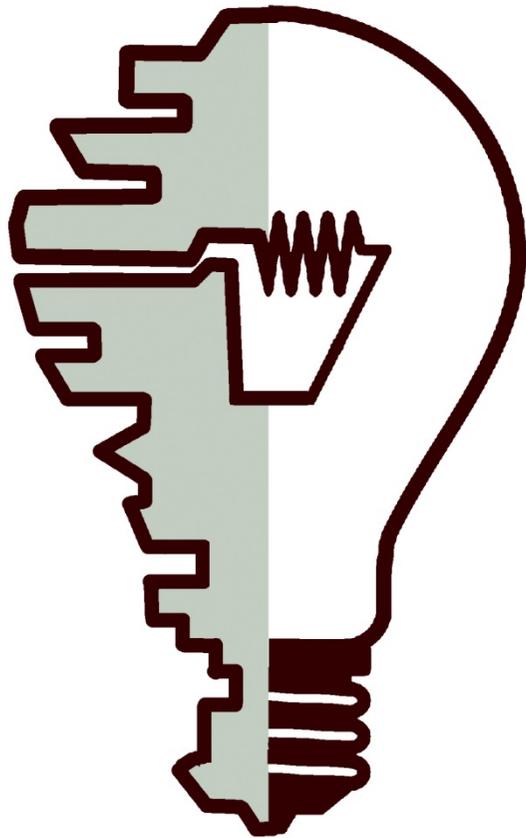
Source: <http://www.presstv.ir/>

Opportunities



Proposals

- Large-scale **re-organisation of energy supply and demand**
 - **Linear transition** to a low-carbon economy...
 - ...or **complex, contested transformation?**
- **Impact** of the transition to a low-carbon economy in terms of **domestic energy affordability?**
 - Germany's *Energiewende* (Neuhoff et al., 2013)
 - Can CEE Member States **meet climate targets** and secure the provision of **affordable domestic energy?**
 - Residential energy efficiency as a **multi-objective policy**
 - Risk of the transition to a low-carbon economy being **perceived as socially unjust**



EVALUATE

**THANK YOU for
your attention**

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