



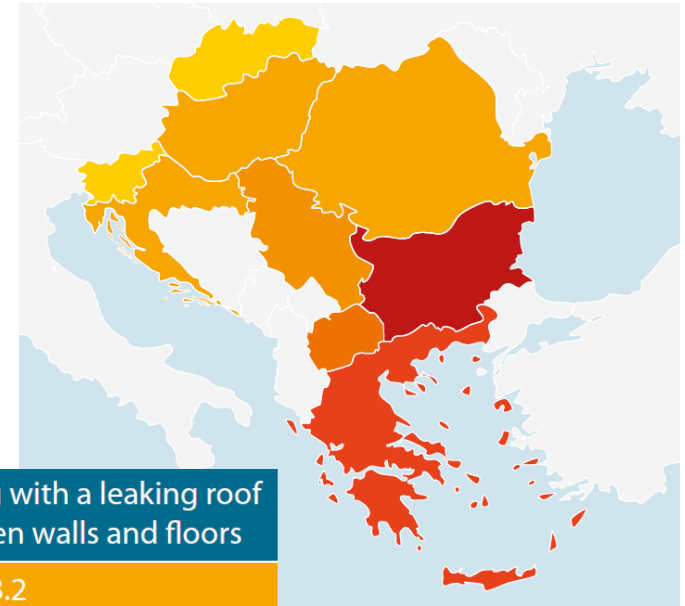
Opportunities to Boost Buildings' Efficiency in South-East Europe

High-Level Conference *"Unlocking the Potential for Renewable Energy and Energy Efficiency in South-Eastern Europe"*

Brussels, 29 March 2017

DRIVERS TO IMPROVE ENERGY EFFICIENCY IN THE SEE BUILDING STOCK

Energy Poverty in South-East Europe



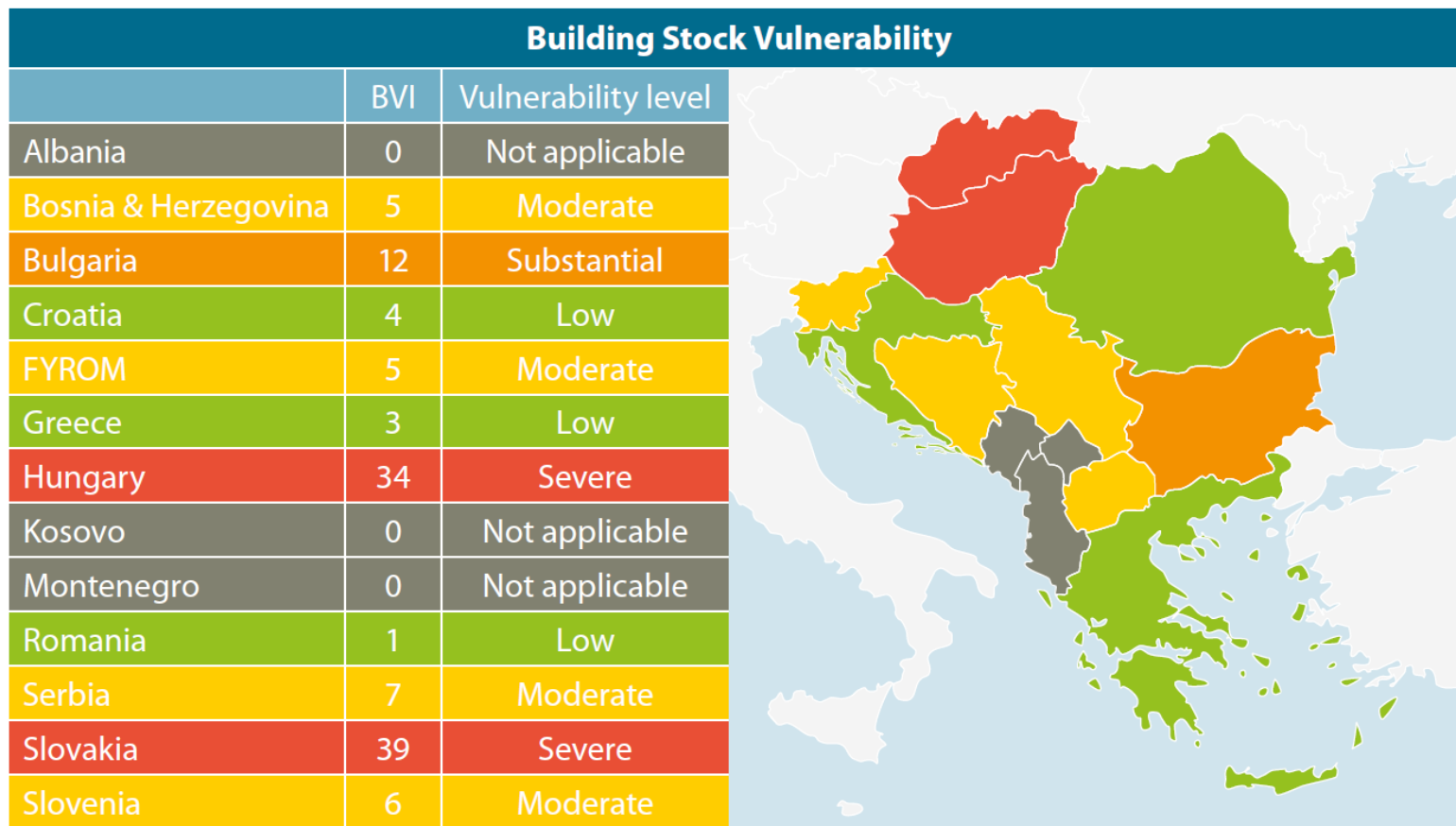
Country	Inability to keep home adequately warm	Arrears on utility bills	Living in a dwelling with a leaking roof and damp or rotten walls and floors
Bulgaria	40.5	32.9	13.2
Serbia	17.1	41.4	26.2
Greece	32.9	37.3	13.7
FYROM	26.1	38.8	15.2
Hungary	11.6	22.3	26.9
Slovenia	5.6	20.3	29.9
Croatia	9.7	29.1	11.7
Romania	12.3	21.1	12.7
Slovakia	6.1	6.1	7.0

Scale: Percentage of population

0%-8%	8%-17%	17%-25%	25%-33%	32%-42%	42%-50%	> 50%
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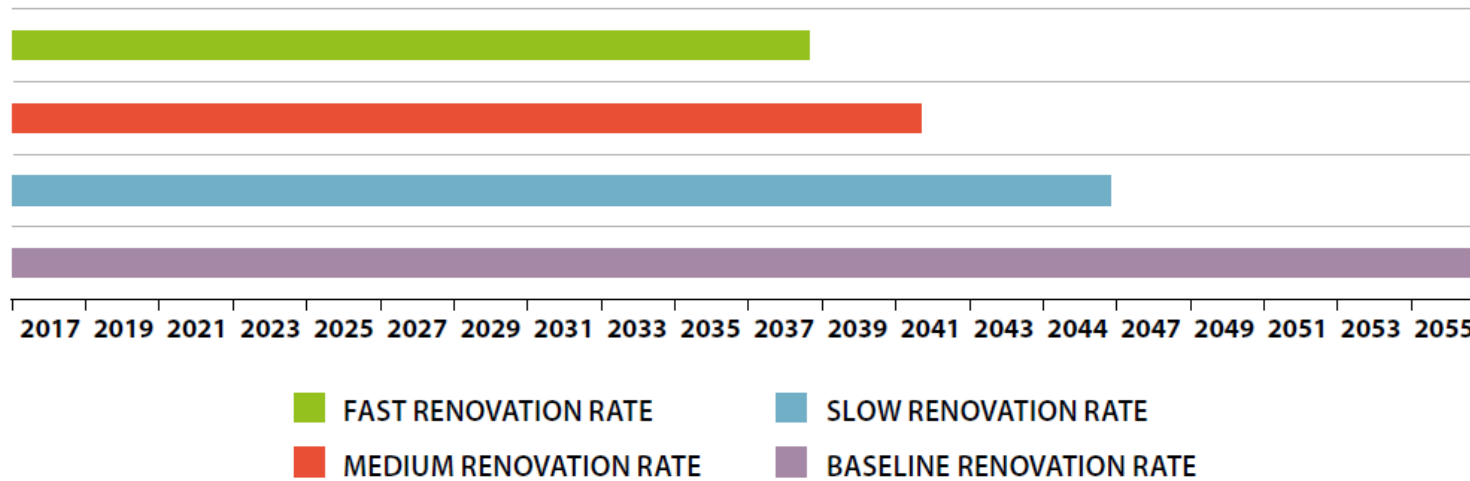
Building Stock Vulnerability for Gas-supply Disruption

(Source: BPIE 2016)

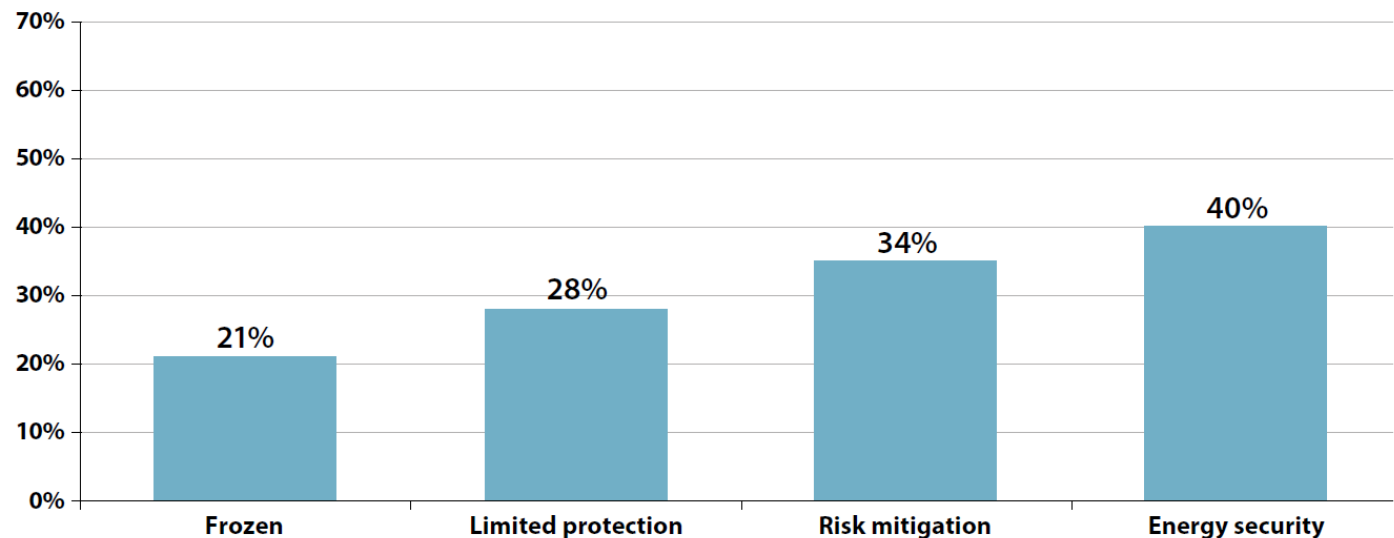


Scale:	N/A BVI = 0	Low 0 < BVI < 5	Moderate 5 < BVI < 10	Substantial 10 < BVI < 20	Severe 20 < BVI < 40	Critical BVI > 40
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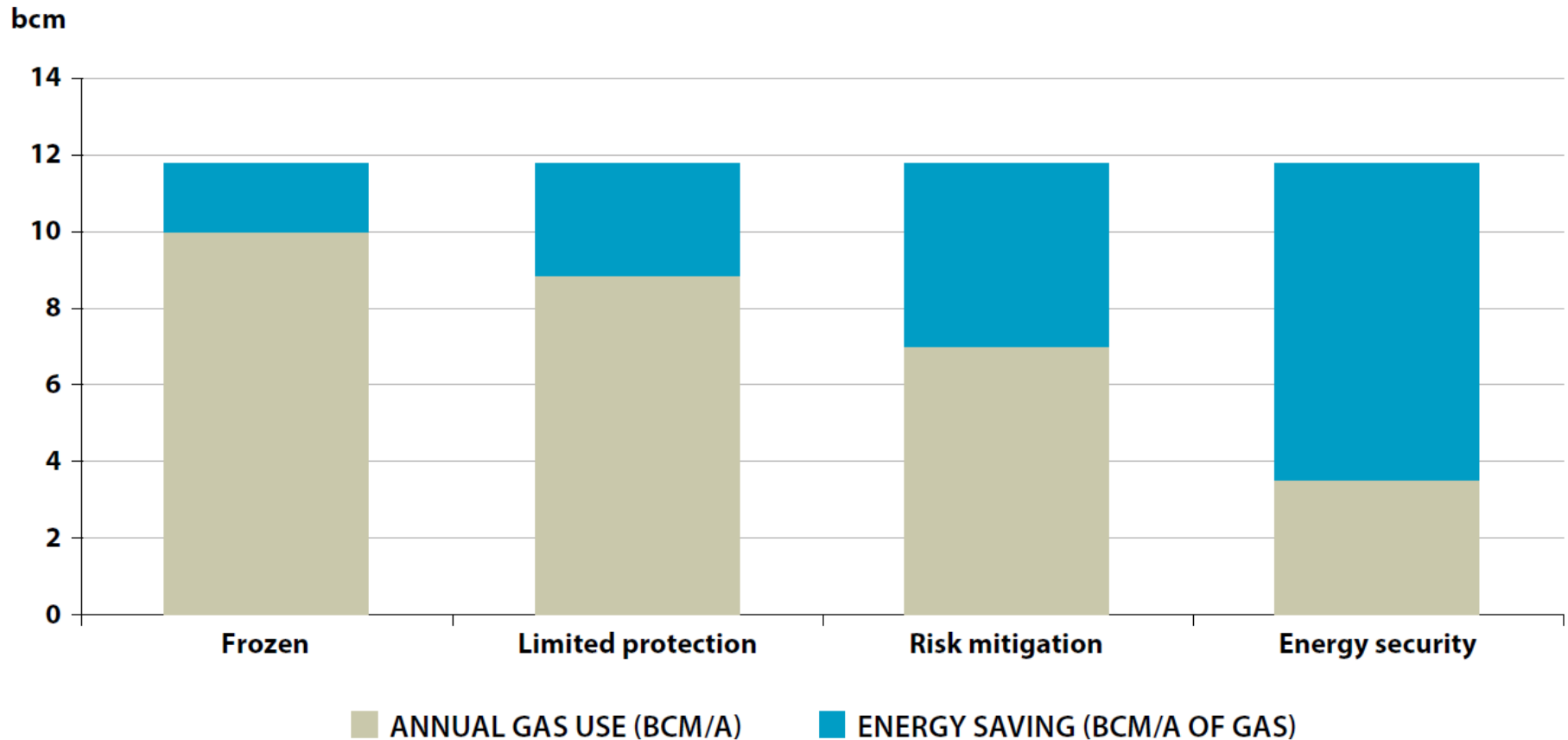
Years When all Gas-using Buildings are Renovated



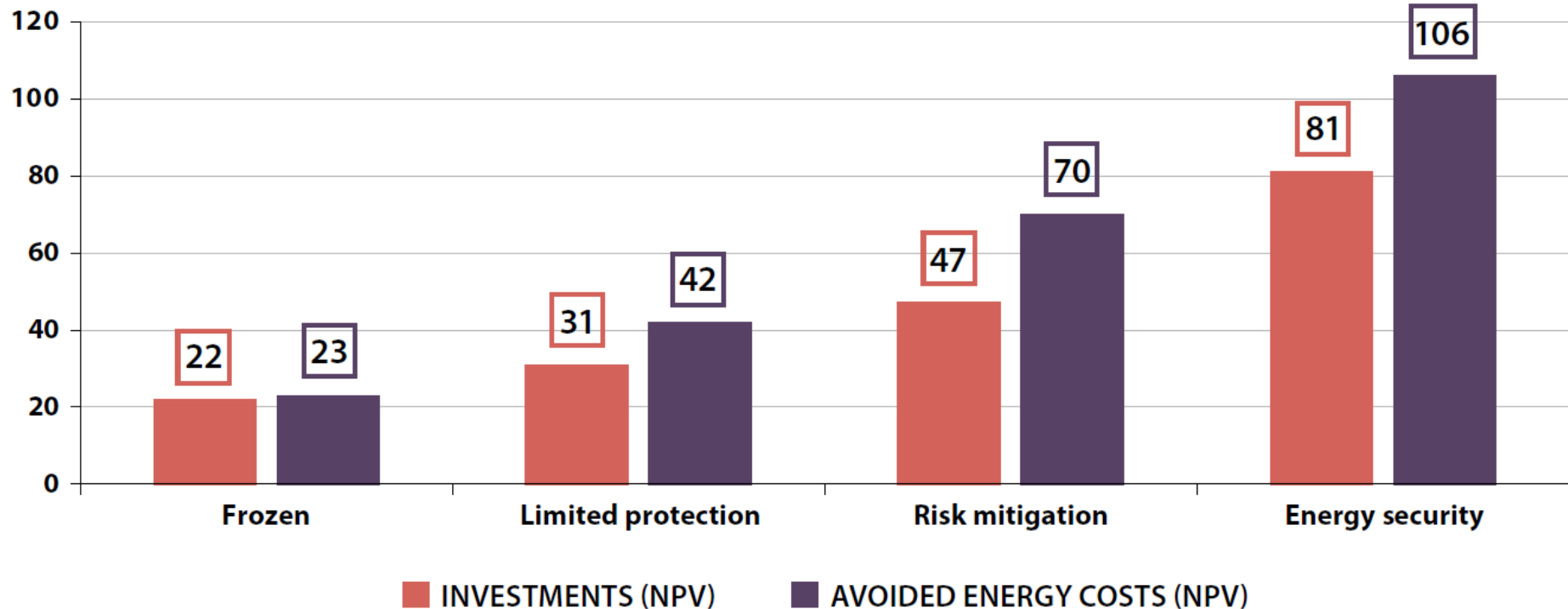
Share of the Total Building Stock that can be Renovated



Gas Demand in Buildings Reduced Through Energy Efficiency Measures



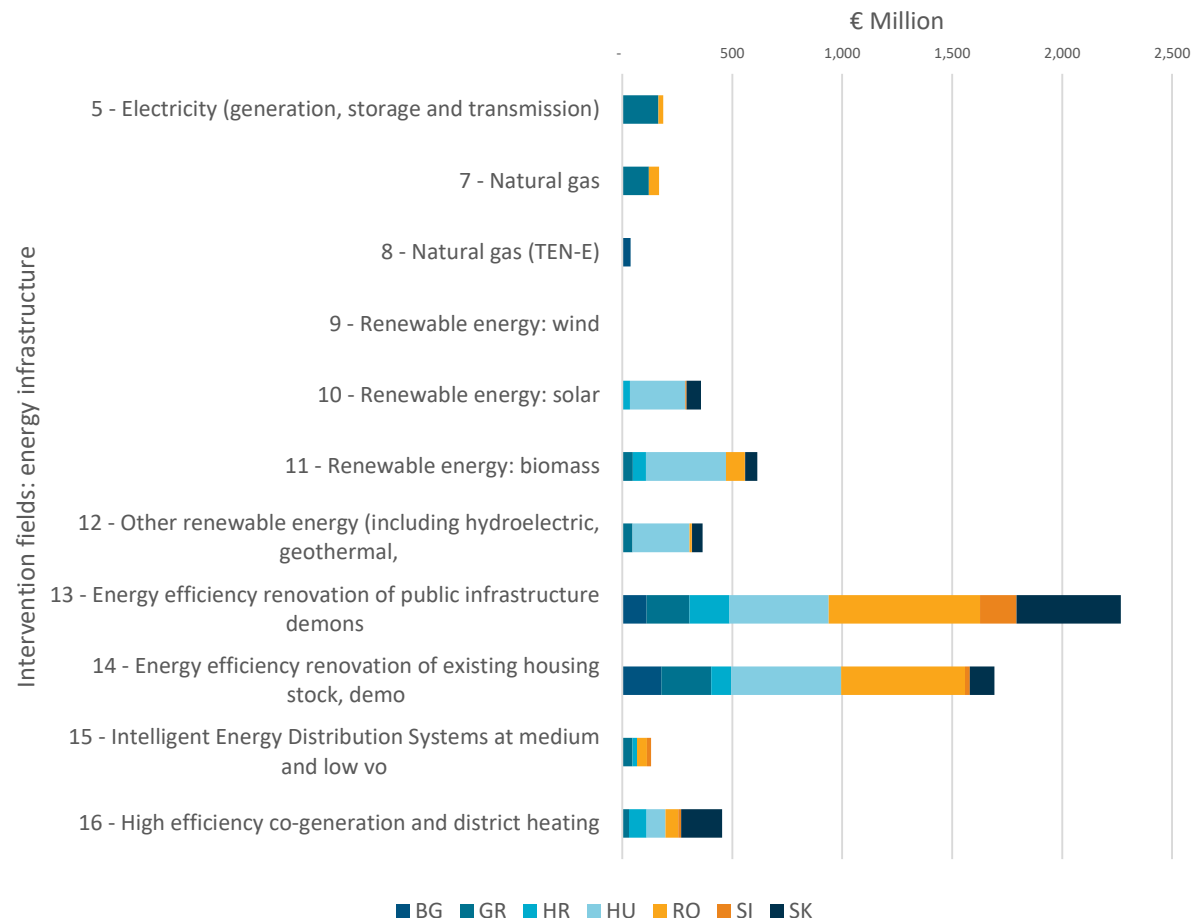
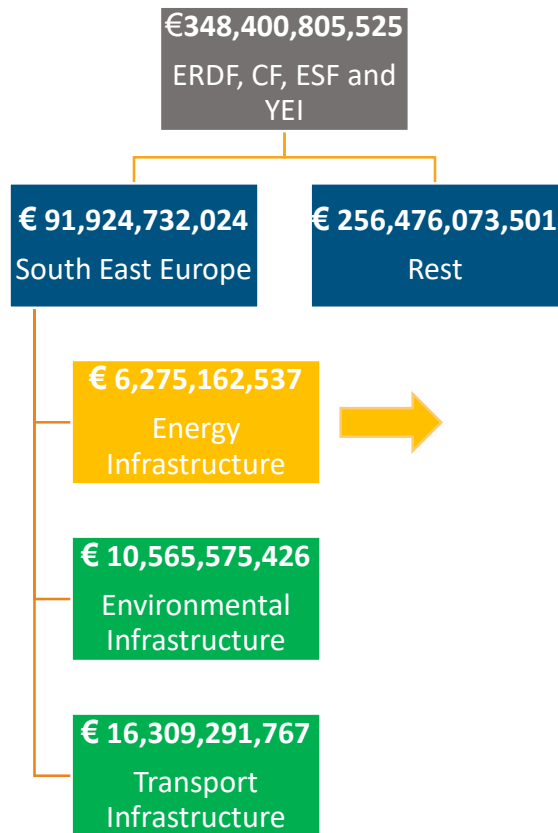
Estimated Investment Costs for Deployment of Energy Efficiency and Avoided Energy Costs in € Billion



THE USE OF EUROPEAN STRUCTURAL AND INVESTMENT FUNDS FOR THE BUILDINGS SECTOR

Allocation of ESI Funds (Structural and Cohesion Funds)

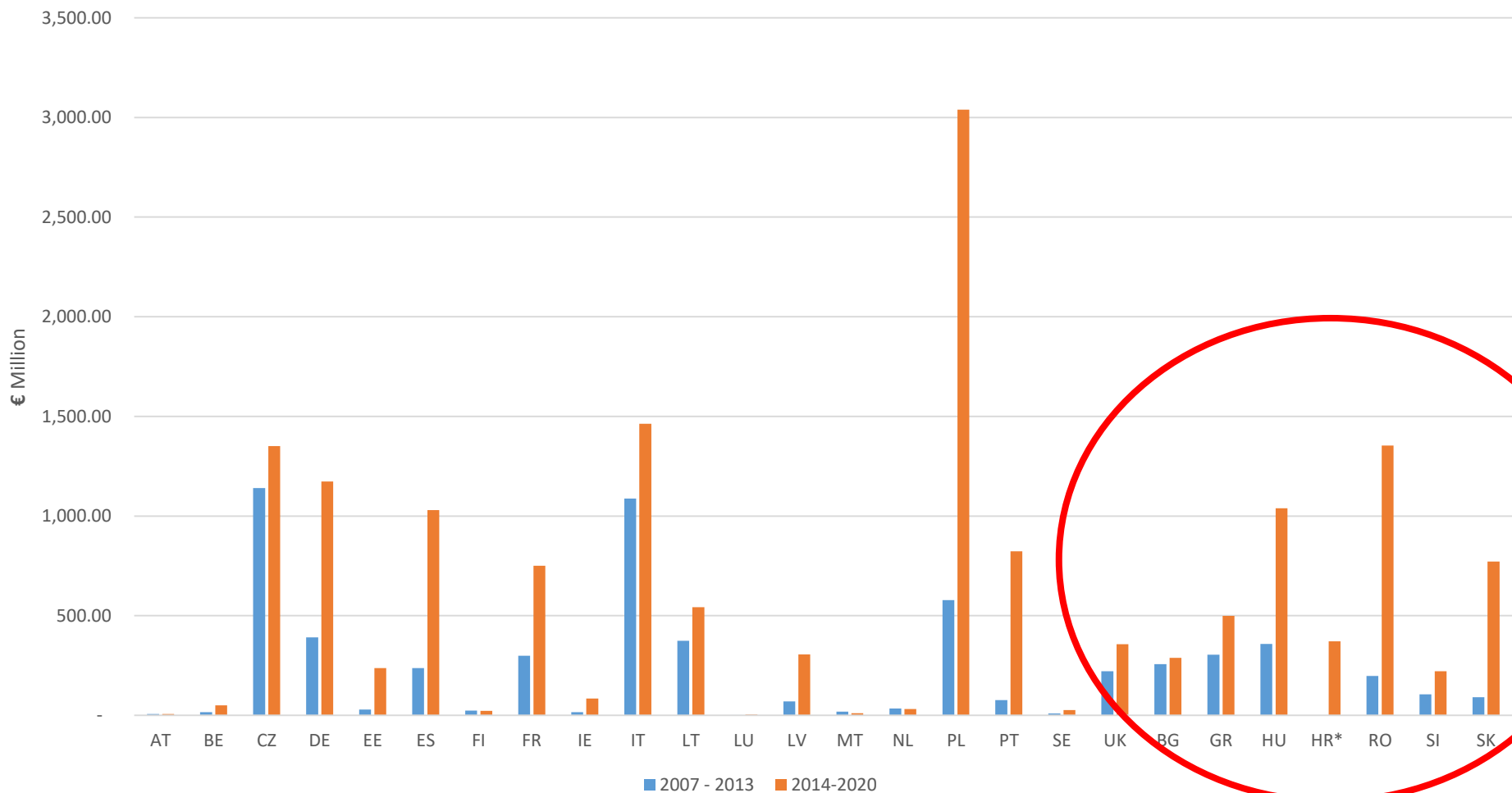
Budget Allocation to Energy Infrastructure, South East Europe



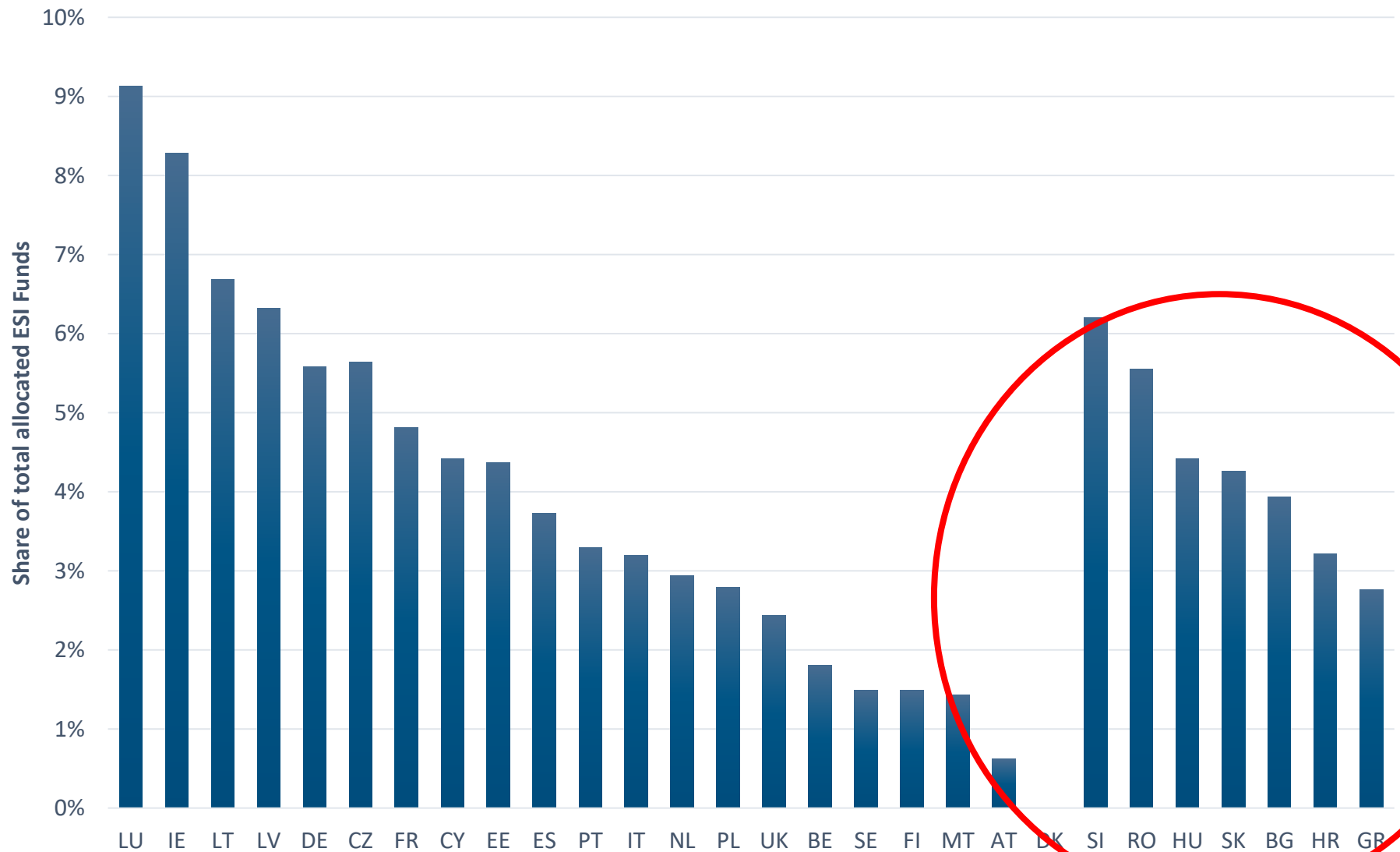
ESI Funds Allocated for Energy Efficiency

(Comparison between current and previous period)

SI Funds Allocated for Energy Efficiency,
Comparison Between Current and Previous Period



Share of Allocated ESI Funds (2014 -2020) Directed to Renovation of Buildings, per Country



Conclusions and Questions for discussion

- Countries are encouraged to look into preventive demand-side measures in the form of a comprehensive and deep renovation of buildings
- A dedicated renovation programme could, within 20 years, address all gas-consuming buildings in the region
- How can it be ensured that allocated funds trigger investments in buildings efficiency
- How can the leverage factor of EU funds be increased?
- What barriers in SEE need to be overcome?

Thank you
for your attention!

BPIE

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