



RES Foundation
Partnerships
for Resilience

Energy poverty in the Western Balkans
Sustainability Forum of the Energy Community, Vienna, 22
June 2018.

Facts.
Figures.
People?

18 million people

5 million households

3 million wood burning devices using
mainly outdated technology

21 thousands premature deaths
annually due to household air pollution

Facts.
Figures.
People?

12 % of overall household
expenditure goes for energy – Serbia

50% of households cannot afford
sufficient warmth- Kosovo*

37 square meter of heated space per
household- FYROM

January 2017 mortality higher 50%
than January 2016 mortality- Serbia

Facts.
Figures.
People?

Largest share of households with central heating installations in the region: 38.4 % - Serbia

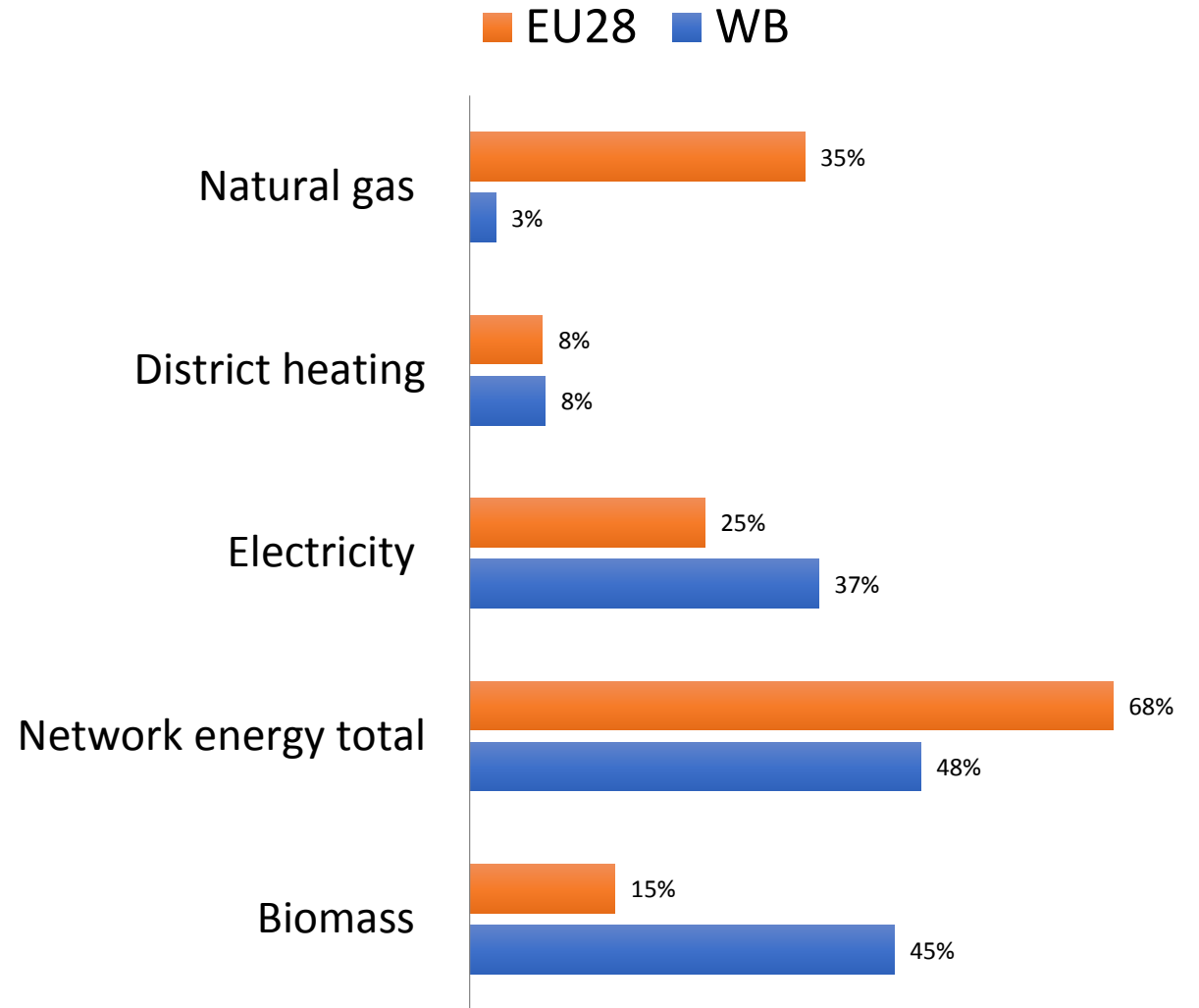
15% of households with central heating installations- Albania

More than 67% of all households in the region use solid fuels OR fuel wood for heating (fuel wood and coal are jointly presented as solid fuel in some national statistics)

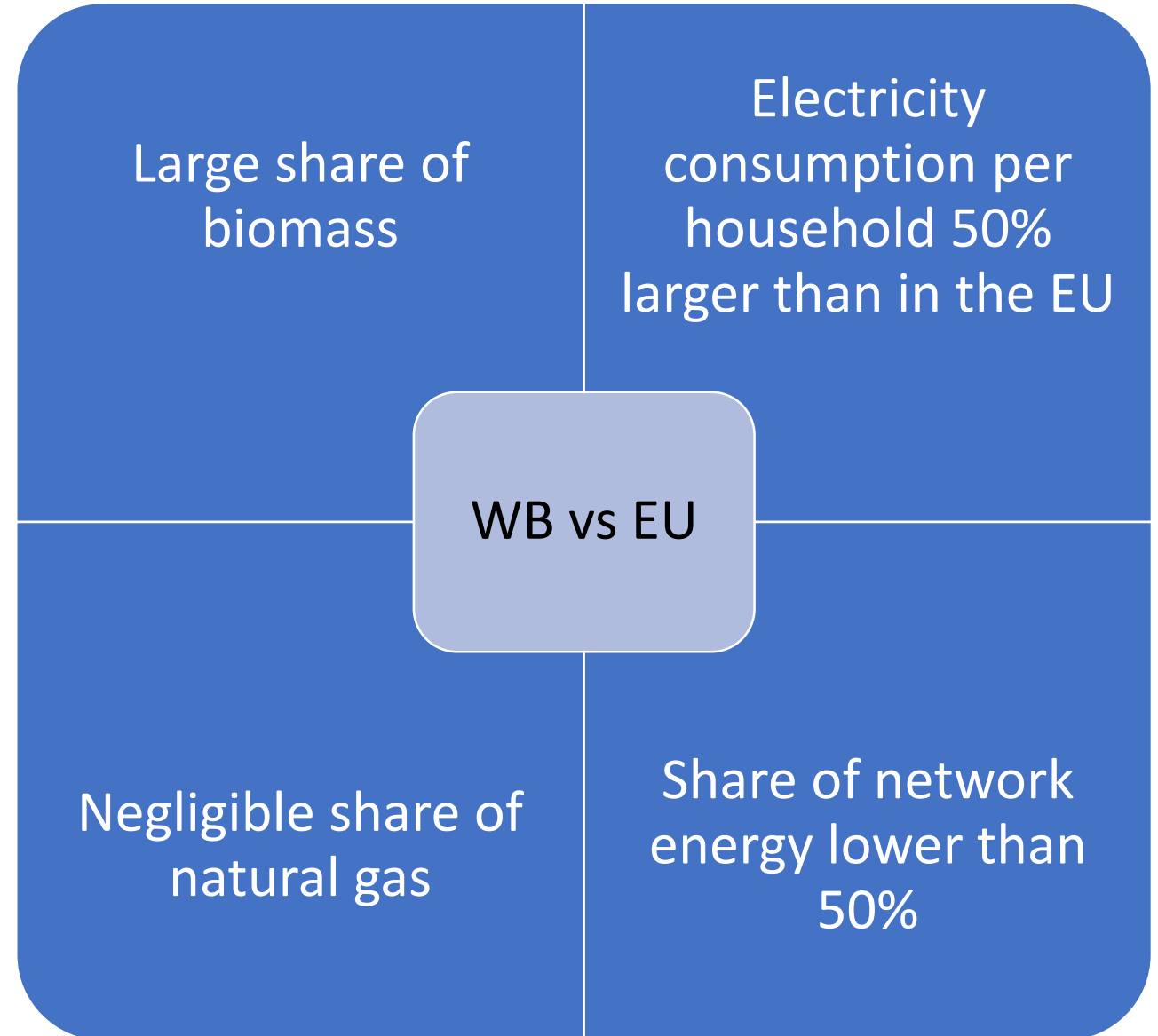
WB - EU?

NOT THE
SAME.

Shares of fuels in household energy consumption

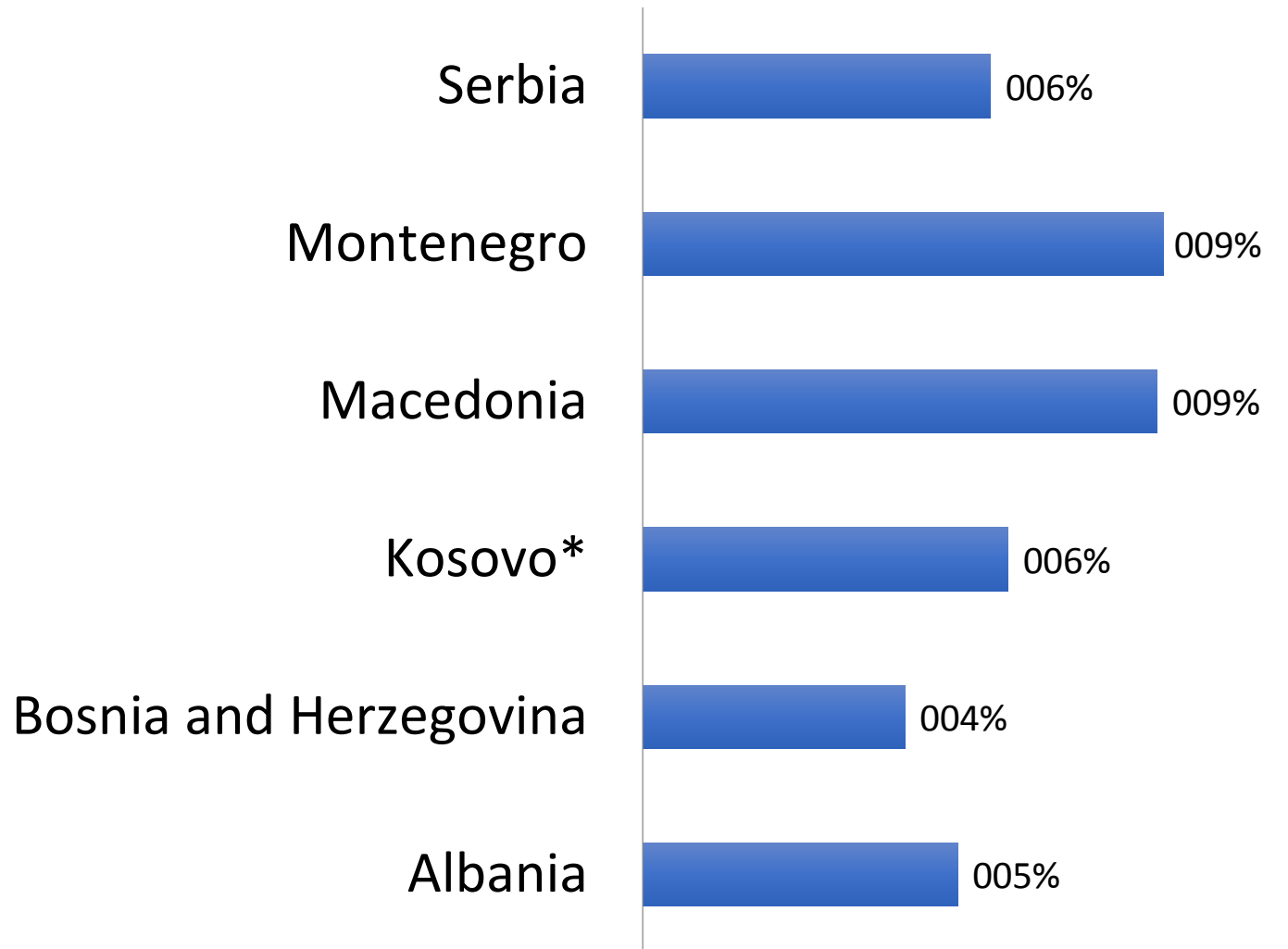


NOT the same!

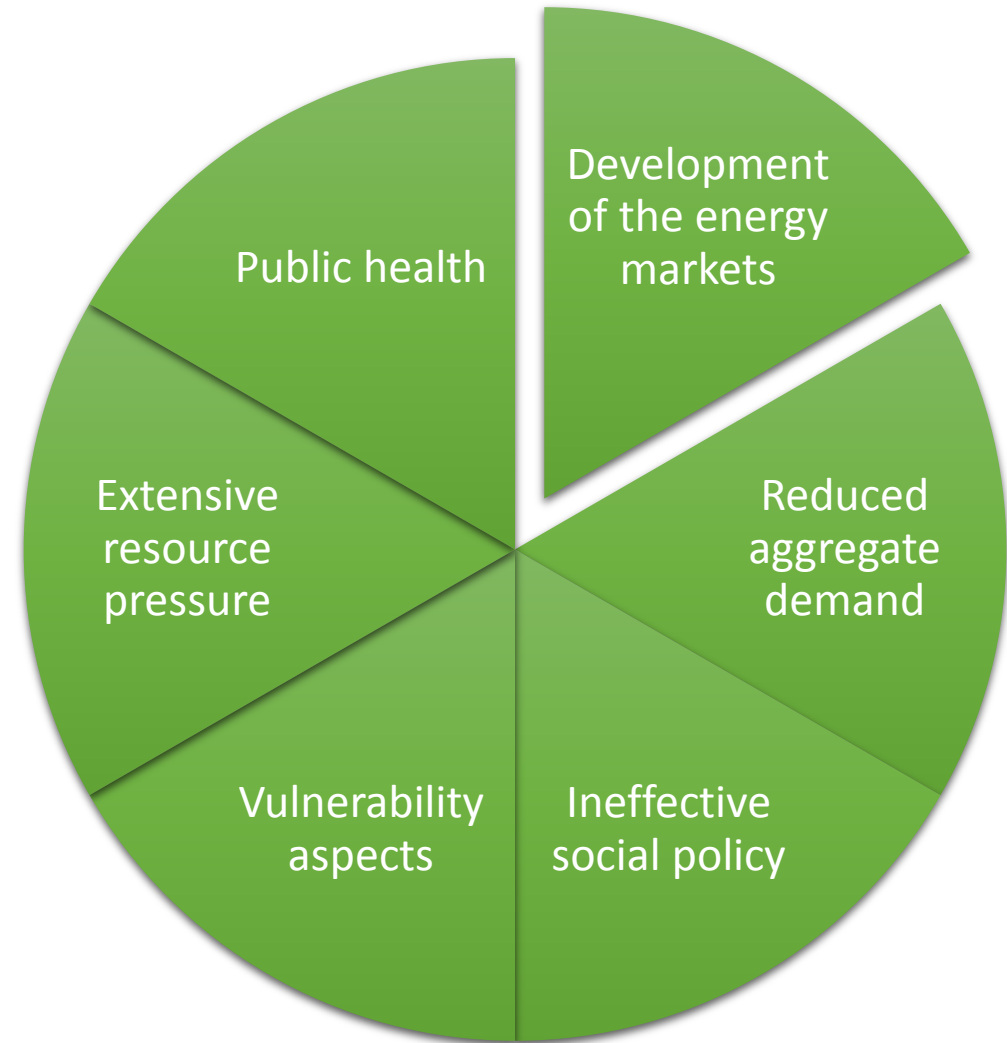


Fuel poverty
and energy
poverty
widespread

Share of electricity costs in total annual consumption



Development challenge



Stoves. Efficiency. Emissions. People?

48% ready to
replace with
the support

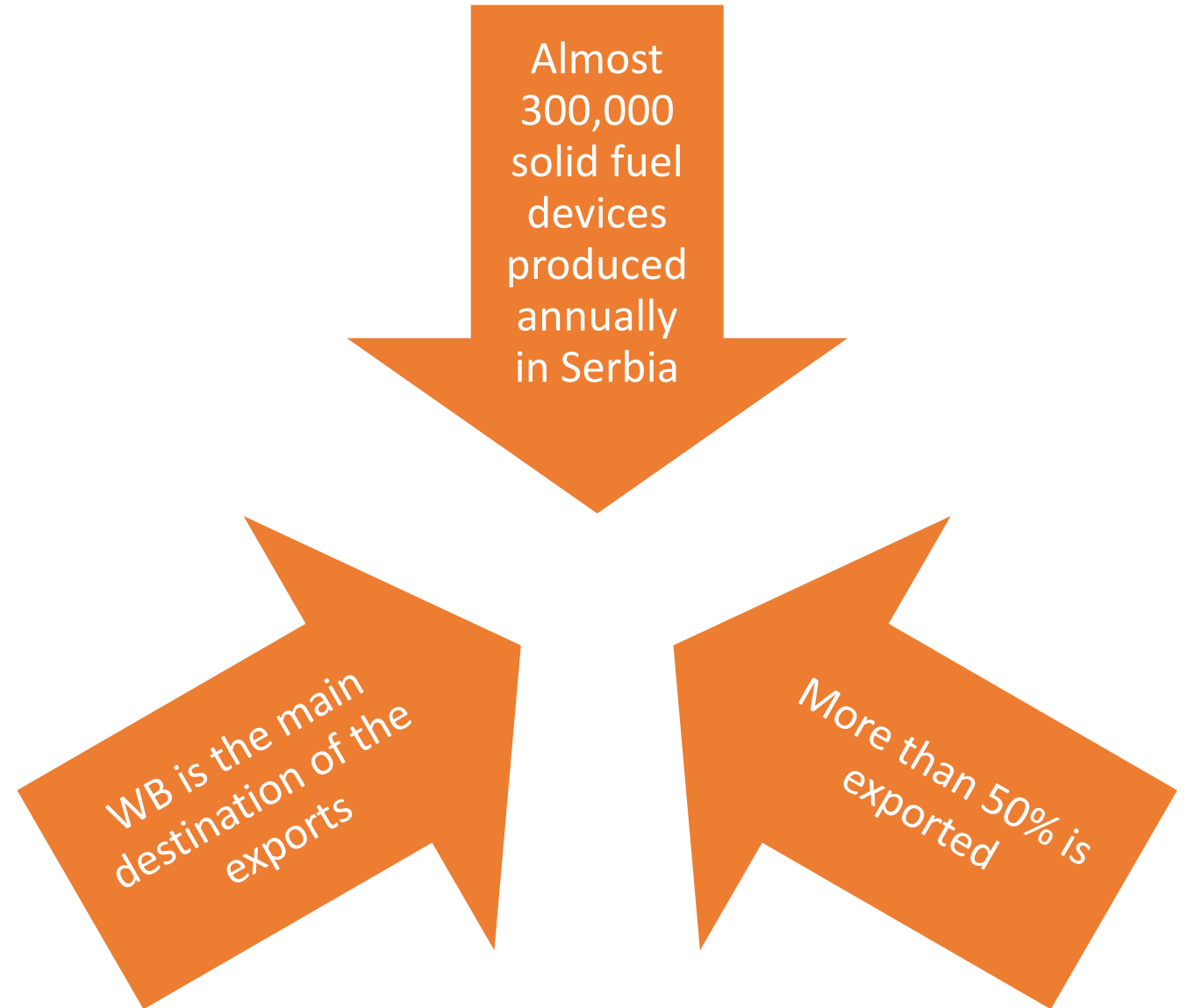
Efficiency in
real life 32.59%

Results from two Serbian
regions.

57% of
households do
not have funds
to replace the
device

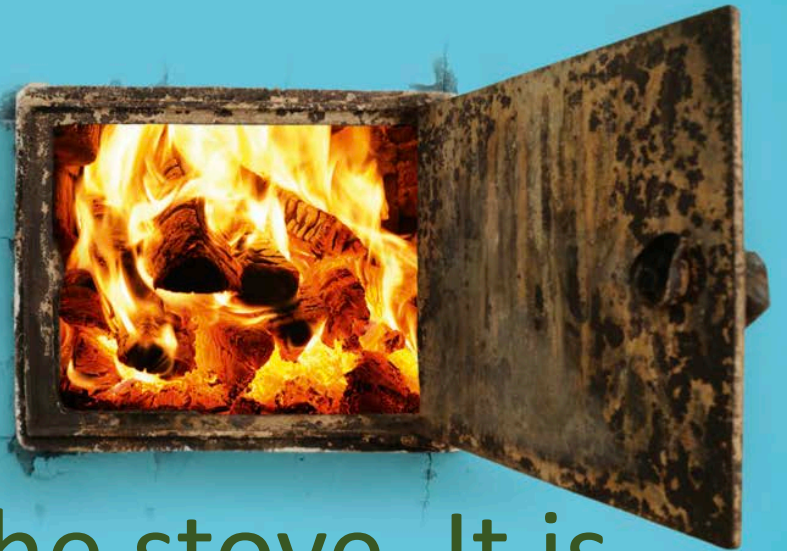
Emissions in
laboratory two
to four times
higher than
allowed

Standards?
Production.
Employment?



Replace the stove.
It is difficult to beat.

- 53% of cost savings.
- Annual savings larger than the support for payment of bills provided by the state.
- Huge multiplication effect across the domains.



Replace the stove. It is
difficult to beat.