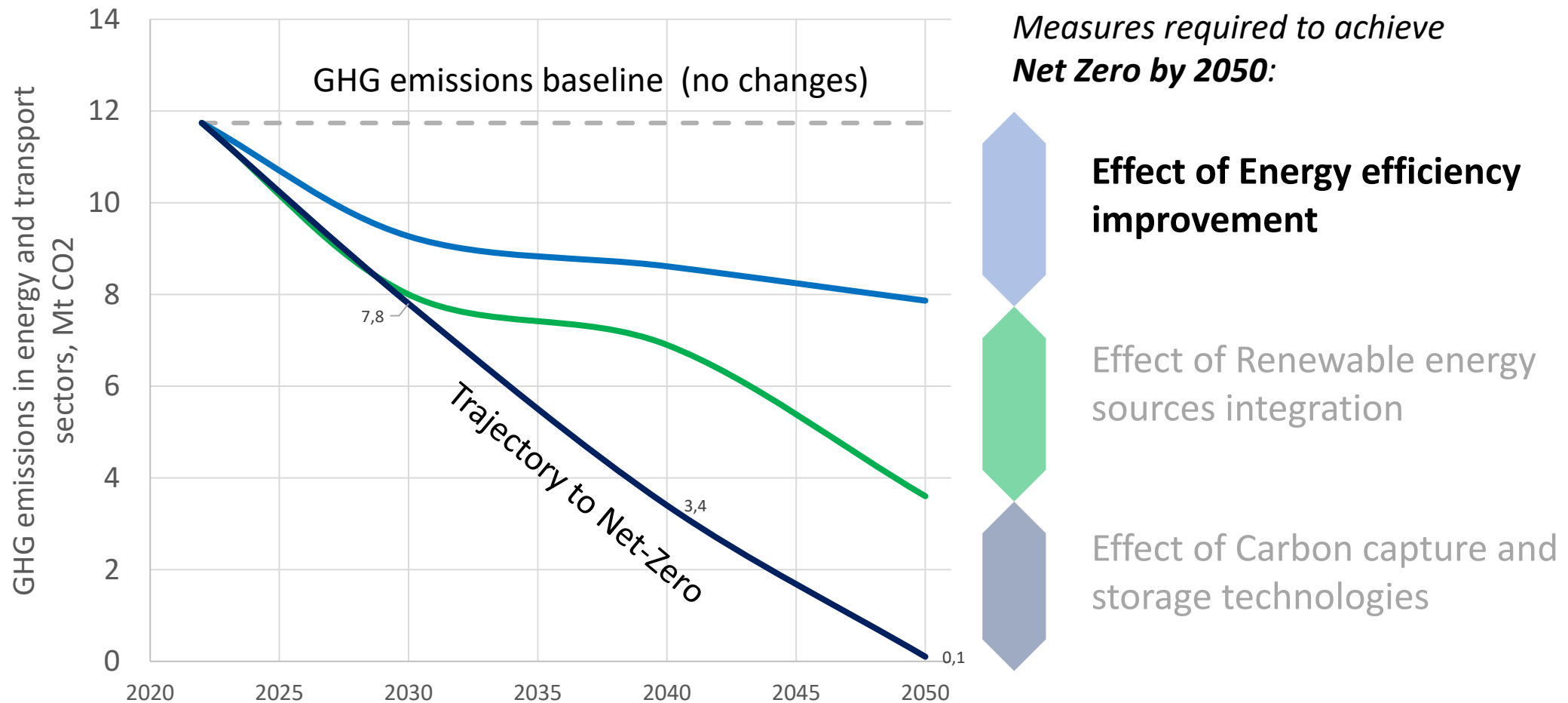


Energy efficiency and related regulatory challenges: **Case study – Lithuania** *(NRA perspective)*

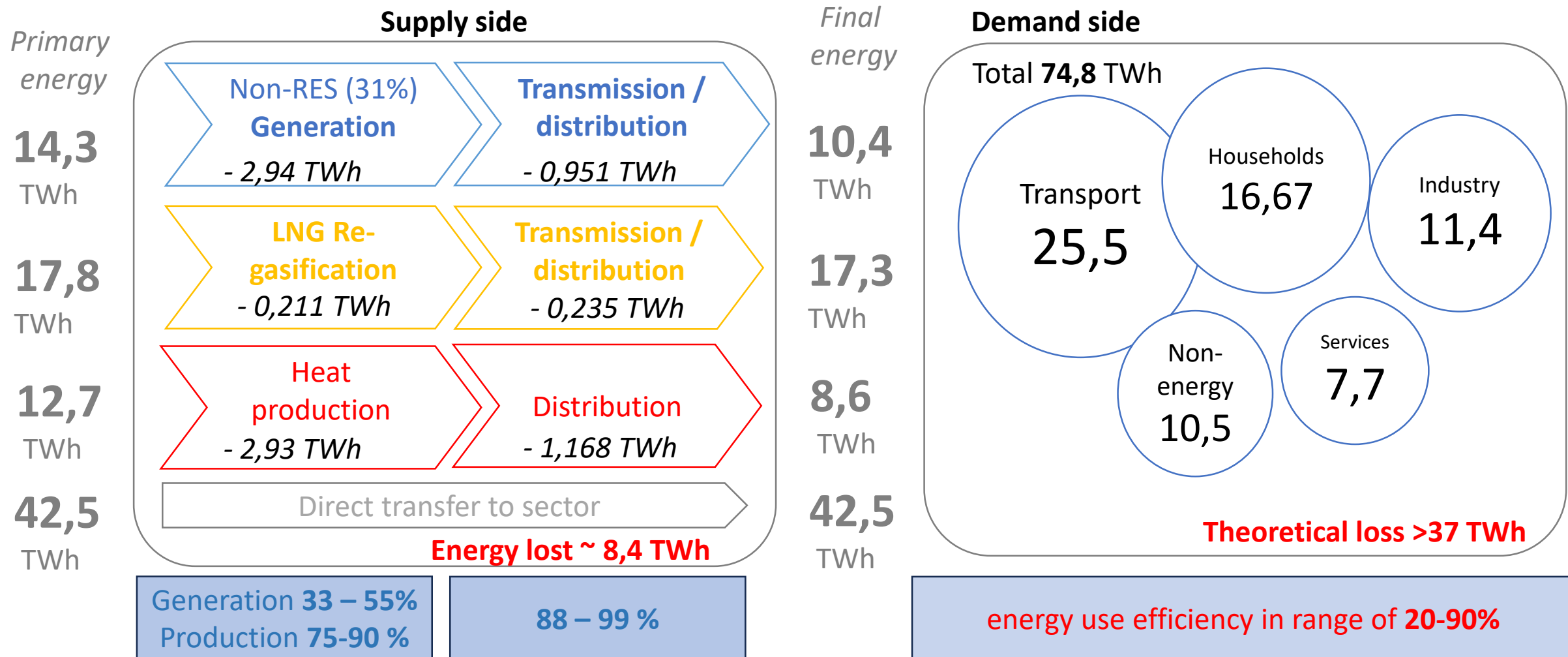
Karolis Januševičius, PhD
Board member
NERC

THE ROLE OF ENERGY EFFICIENCY TOWARDS DECARBONISATION



Source: Adaptation from the National energy independence strategy of Lithuania, 2024

THE ENERGY EFFICIENCY IMPROVEMENT POTENTIAL (LITHUANIA CASE)



THE KEY ACTIVITIES OF NRA ON IMPROVING ENERGY EFFICIENCY IN LT

Enables investment to improve the energy efficiency in *the supply side*

Enables cost coverage for awareness-raising campaigns (include costs to the approved tariff)

Supervises implementation of the “Energy Efficiency First” principle

Penalizes the non-compliance of efficiency improvement measures**

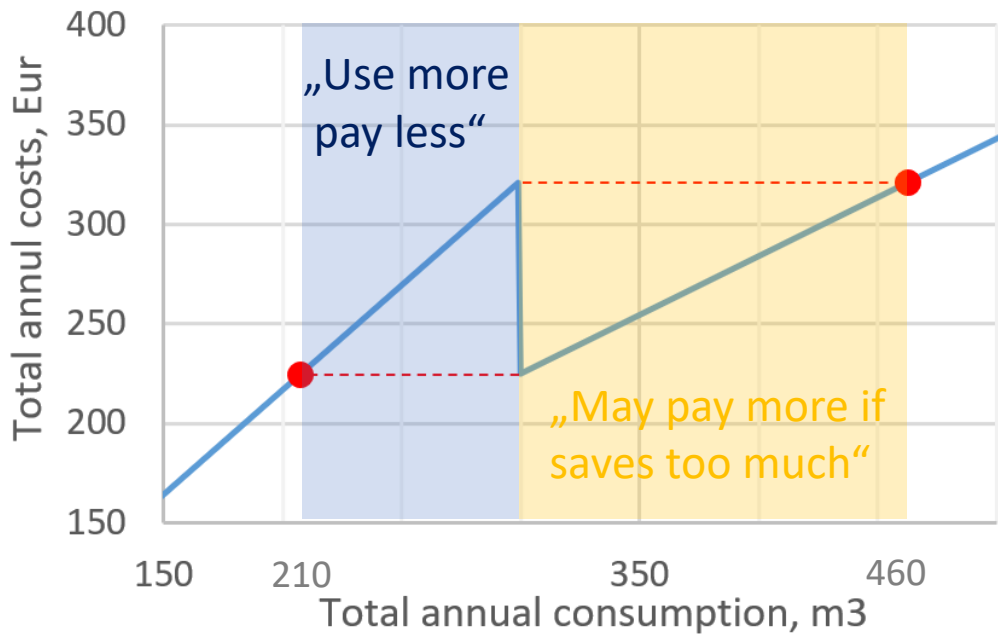
Supervises heating and cooling system inspection process in Lithuania (according to EPBD)

* *by reviewing the benefits and including the investment costs to the tariff if approved*

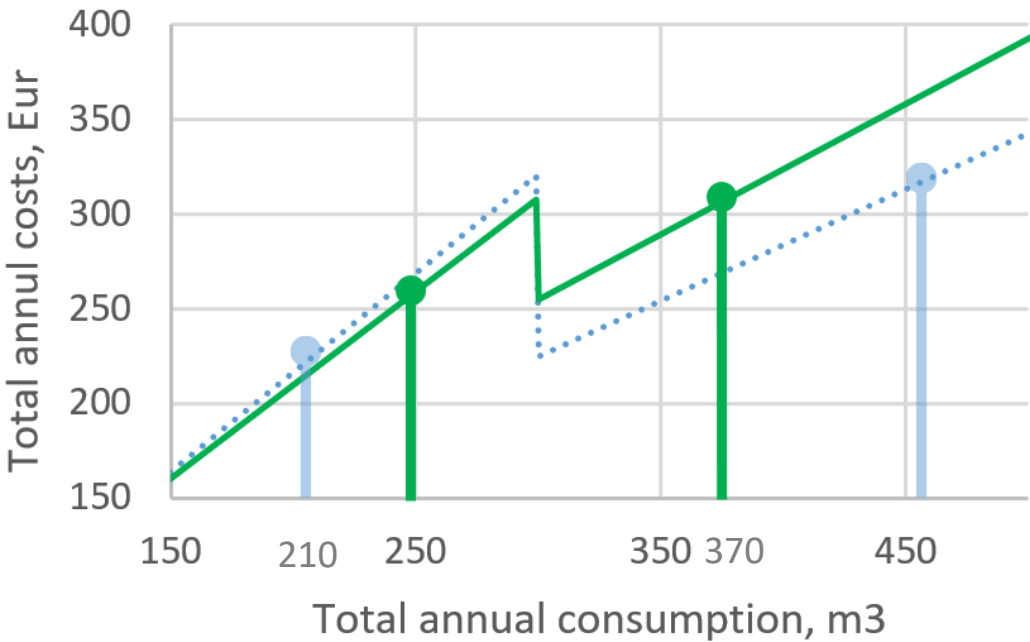
** saving agreements, consumer awareness rising, not performing energy audits or not implementing energy management systems, not providing data | monitored and verified by the Energy Agency

CHALLENGES: TARIFF STRUCTURE

Paradox: Higher savings may result in higher unit price

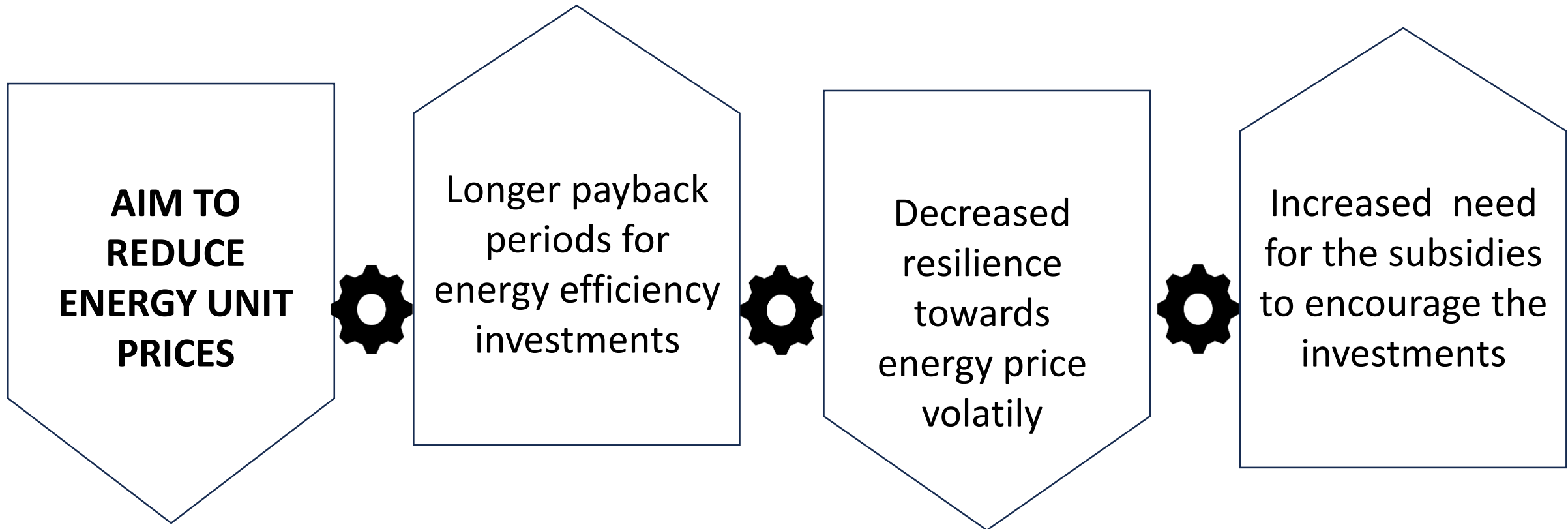


	Up to 300 m3	From 300 to 20 t.m3
Monthly fee	0,56 Eur	3,99 Eur
Price per unit	1,05 Eur/m3	0,59 Eur/m3



	Up to 300 m3	From 300 to 20 t.m3
Monthly fee	0,56 Eur	3,99 Eur
Price per unit	1,05 Eur/m3	0,59 Eur/m3

CHALLENGES: CONFLICTING PRIORITIES



OBSERVED OPORTUNITIES

Increased Energy efficiency leads to:

Reduction in
energy poverty*

Increase of **Energy
security and energy
independence**

Reduce the amount of
**renewable energy
generators** needed

**If adopted for the consumers exposed to energy poverty*



**THANK YOU !
QUESTIONS?**

karolis.janusevicius@vert.lt