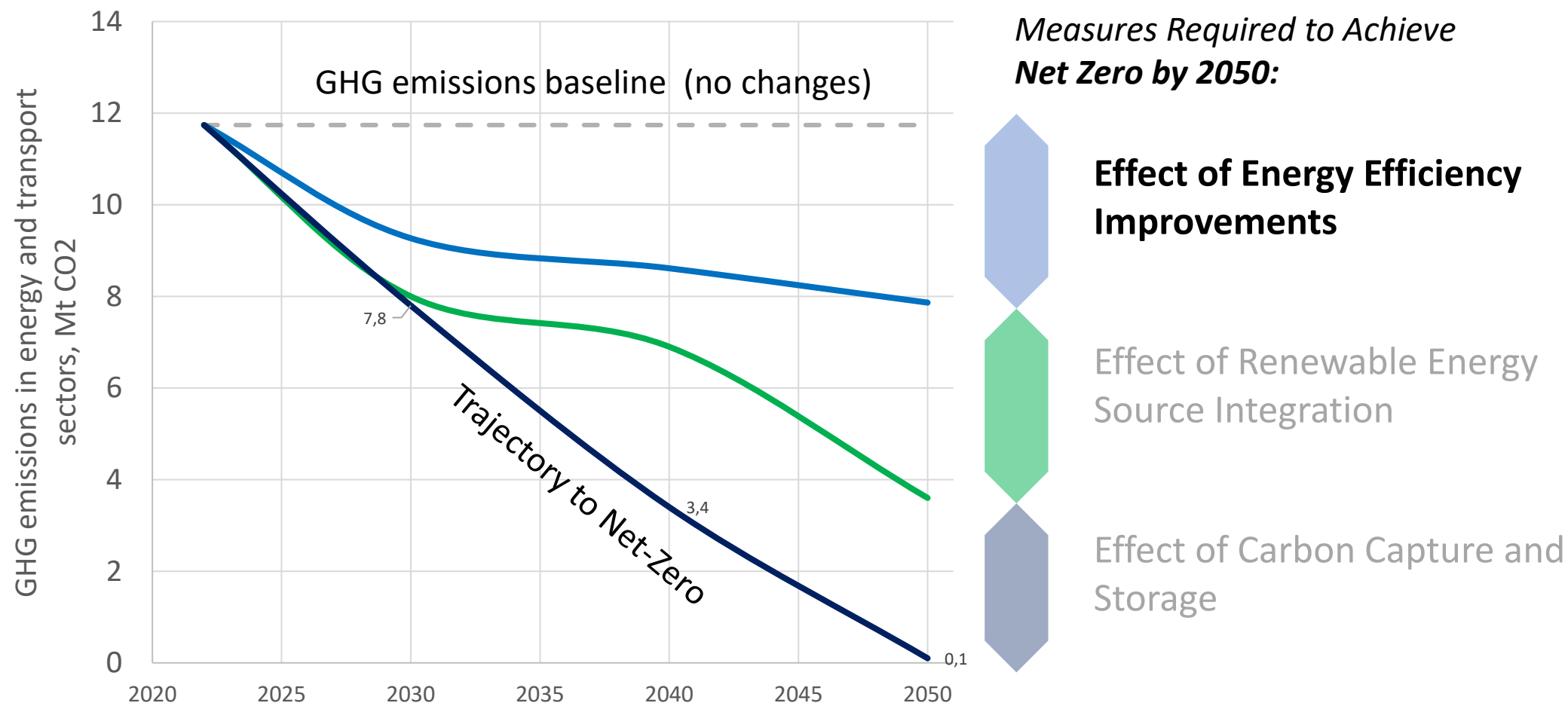


Energy Efficiency and Related Regulatory Challenges: **Case Study – Lithuania (NRA Perspective)**

Karolis Januševičius, PhD
Board member
NERC

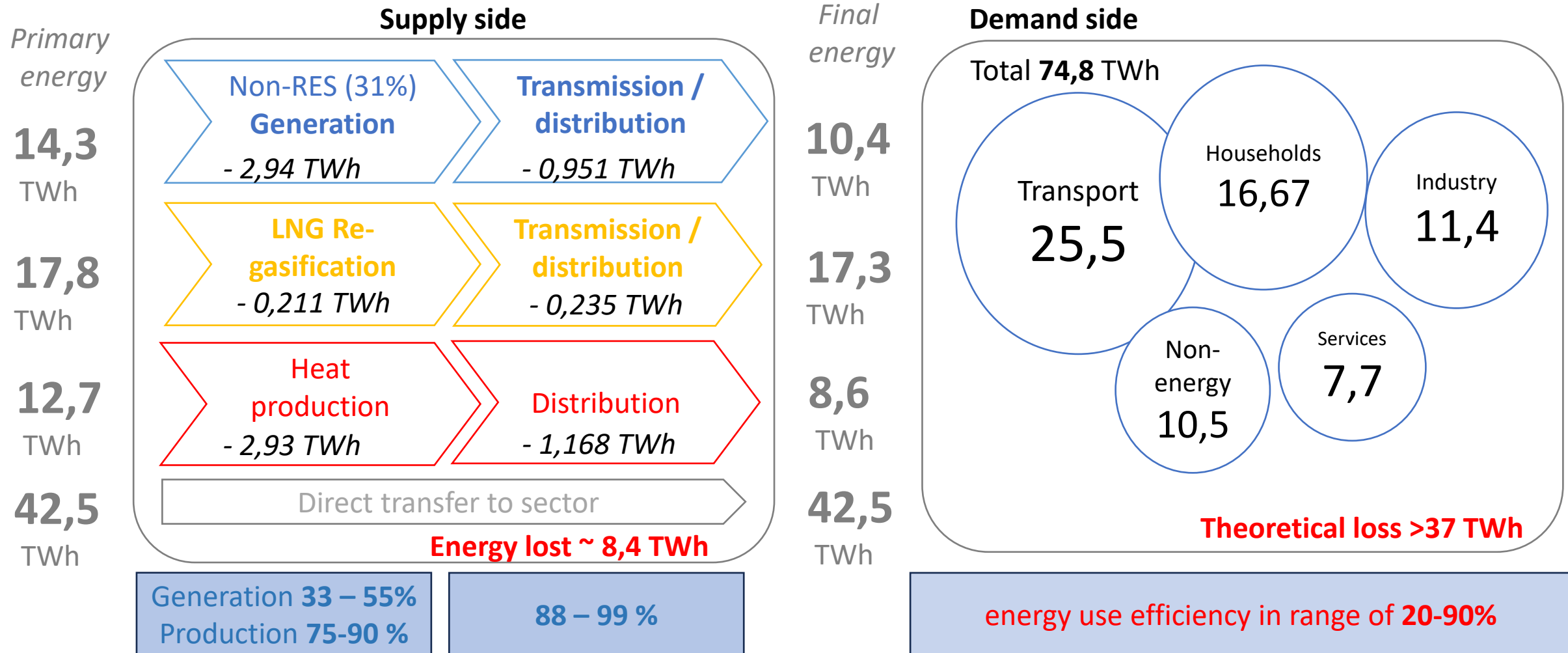


THE ROLE OF ENERGY EFFICIENCY IN DECARBONISATION



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

ENERGY EFFICIENCY IMPROVEMENT POTENTIAL (CASE OF LITHUANIA)



KEY ACTIVITIES OF THE NRA FOR IMPROVING ENERGY EFFICIENCY IN LITHUANIA

Enables investments to improve energy efficiency on the supply side

Enables cost coverage for awareness-raising campaigns (included in approved tariffs)

Supervises the implementation of the **“Energy Efficiency First”** principle

Penalizes non-compliance with efficiency improvement measures**

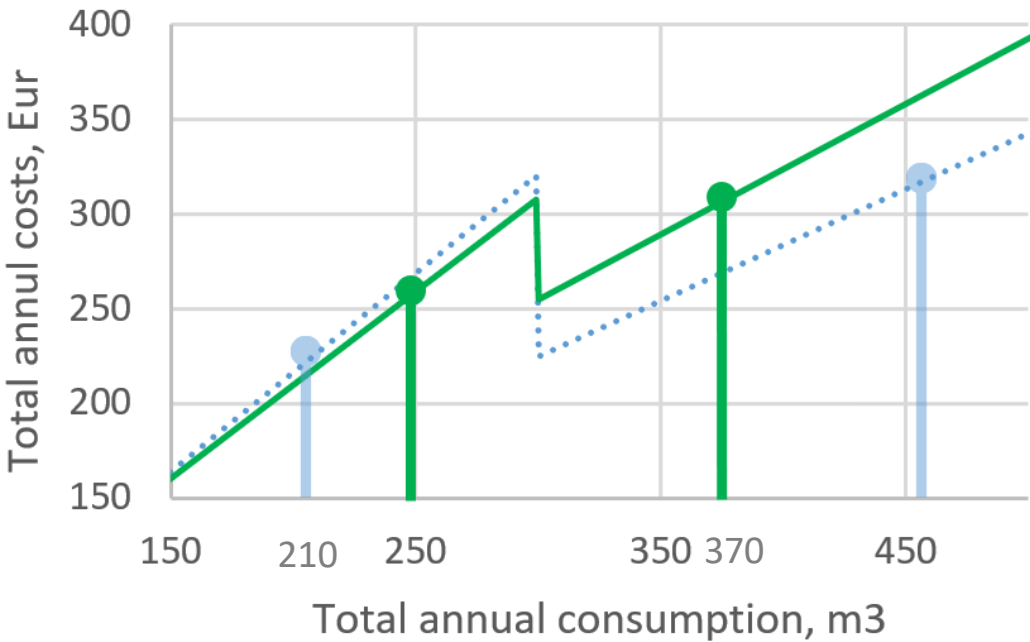
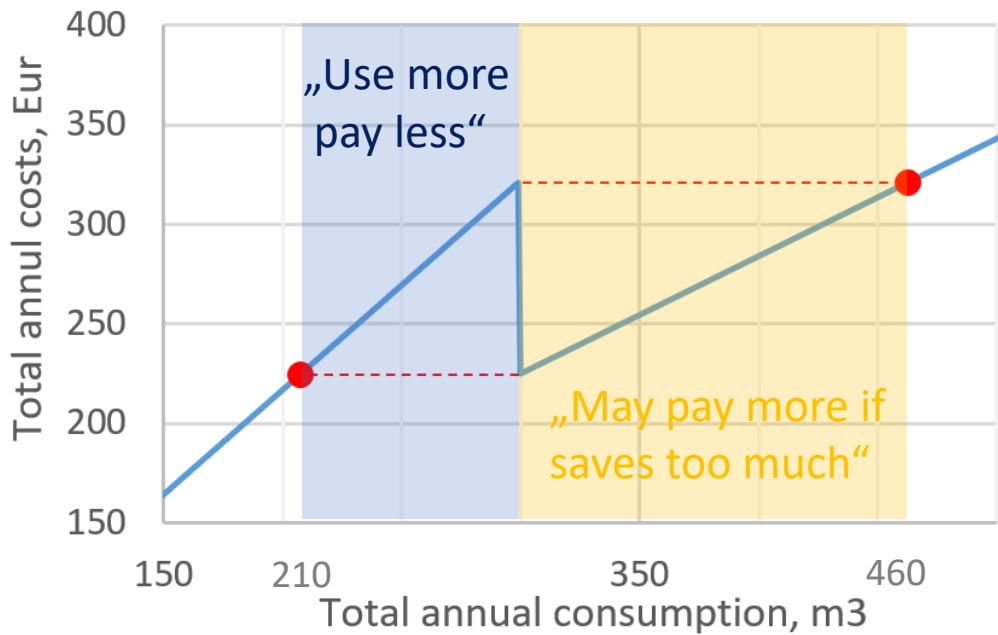
Supervises the inspection process of heating and cooling systems for systems >70 kW (according to EPBD)

* by reviewing the benefits and including investment costs in 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

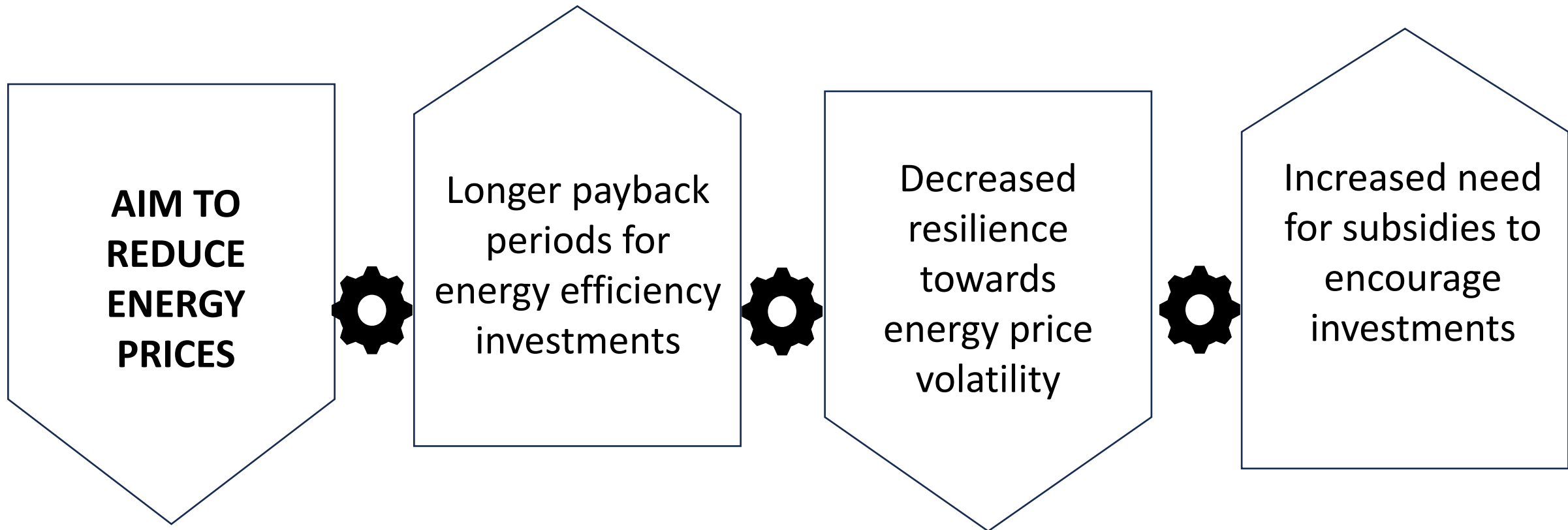
CHALLENGES: TARIFF STRUCTURE

Paradox: Higher savings may result in higher unit prices



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

CHALLENGES: CONFLICTING PRIORITIES



OBSERVED OPPORTUNITIES

Increased energy efficiency leads to:

Reduction in
energy poverty*

Increased **Energy
Security and Energy
Independence**

Reduced Need for
Renewable Energy
Generation Capacity

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



**THANK YOU !
QUESTIONS?**

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