





EEOS in Hungary

First Meeting of OdysseeMure fit-4-55

Ármin Bőhm

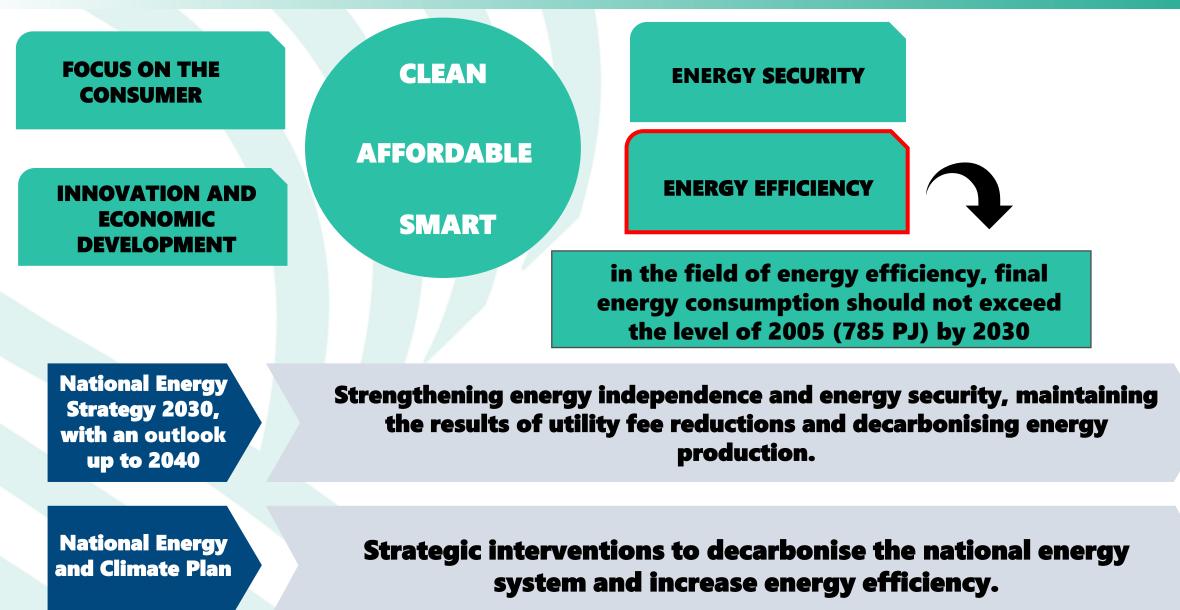
25th April 2023

Zagreb, Croatia

Hungarian Energy and Public Utility Regulatory Authority Clean energy, sustainable environment

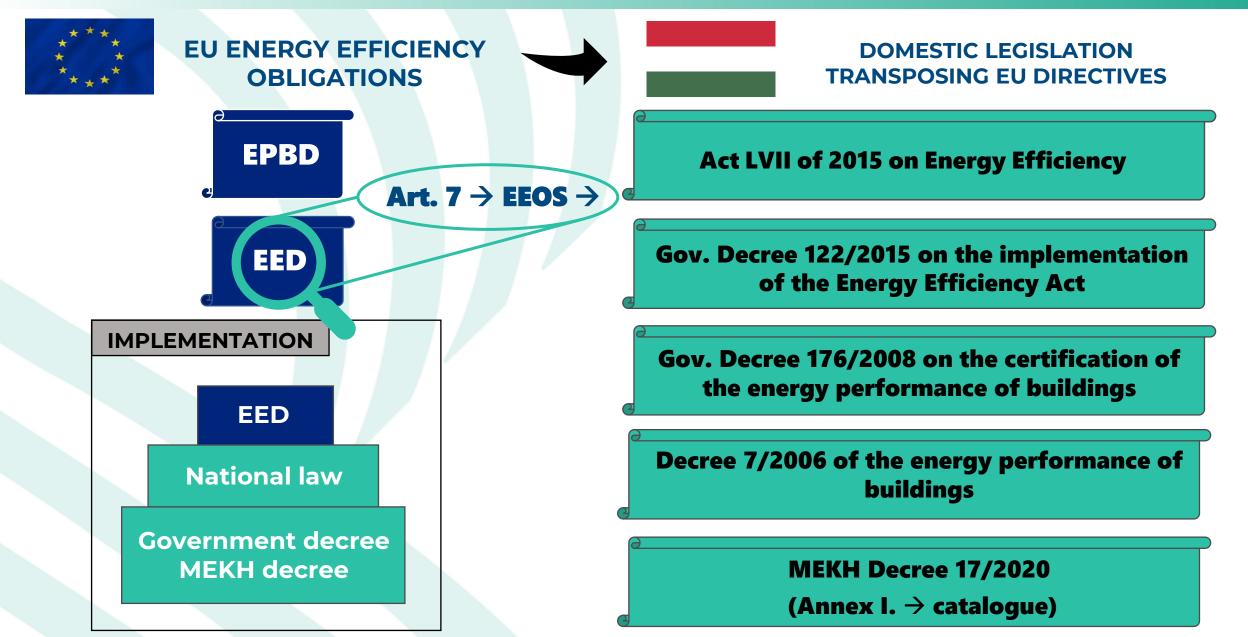
















EEOS IN HUNAGARY FROM 2021



Under the "*polluter pays principle*", companies involved in energy supply are required to achieve the energy savings targets set for them ...by implementing EE investments

... by paying contributions



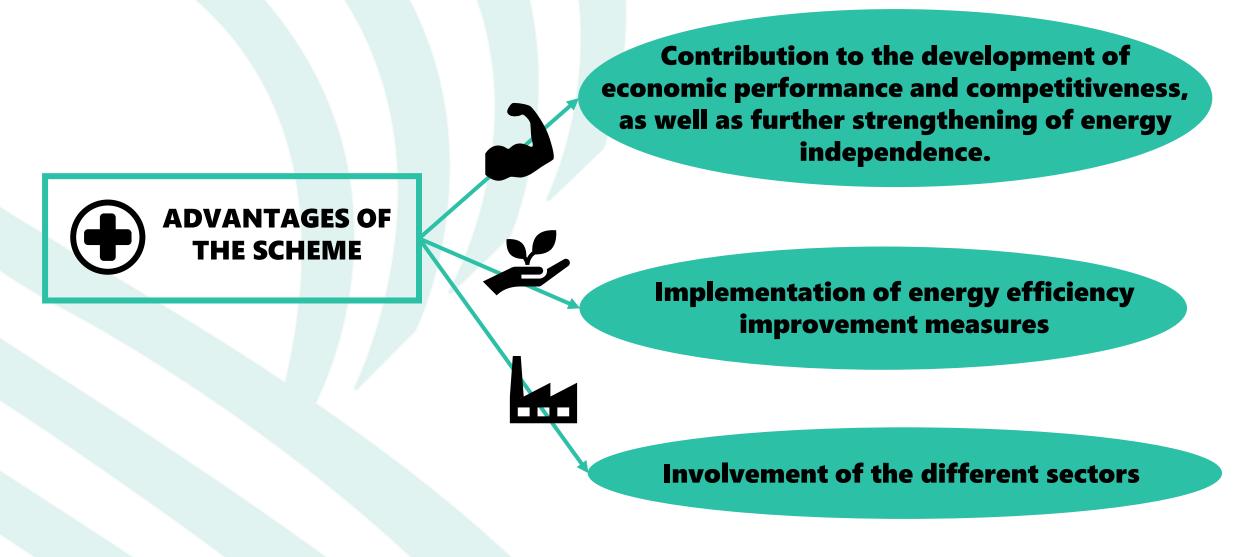
Measures listed in the catalog compiled by the managing authority (MEKH) - the most common energy efficiency investments and measures

Specific measures – not included into the catalog





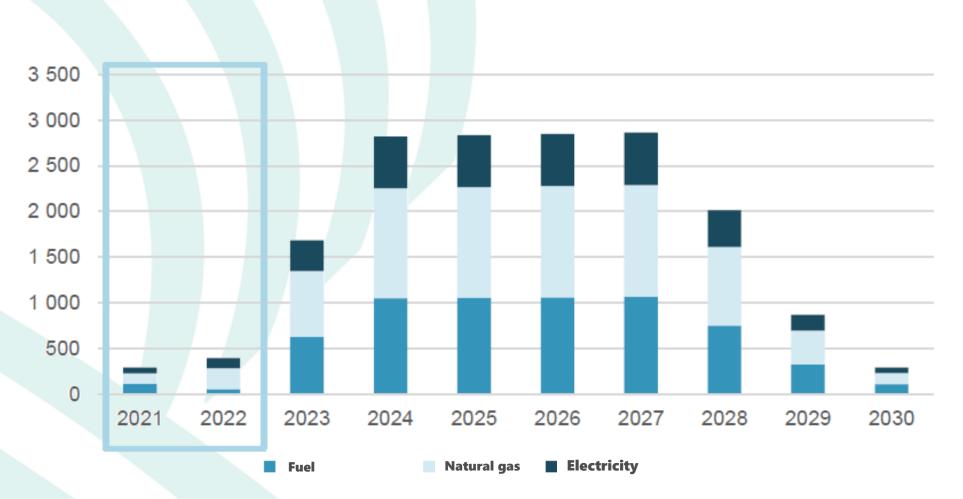
EEOS IN HUNAGARY FROM 2021







OBLIGATED PARTIES





A B

ODYSSEE-MURE



40% reduction of GHG emission PERIOD 2021 21% share of renewable energy 2022 2023 for the period from 1 January 2021 to 31 December 2030, new savings of 0.8% of annual final energy consumption shall be achieved on average over the last three years preceding 1 January 2019 the scheme is projected to deliver 20 PJ of final energy savings by 2030

OUR ENERGY AND CLIMATE POLICY GOALS FOR 2030

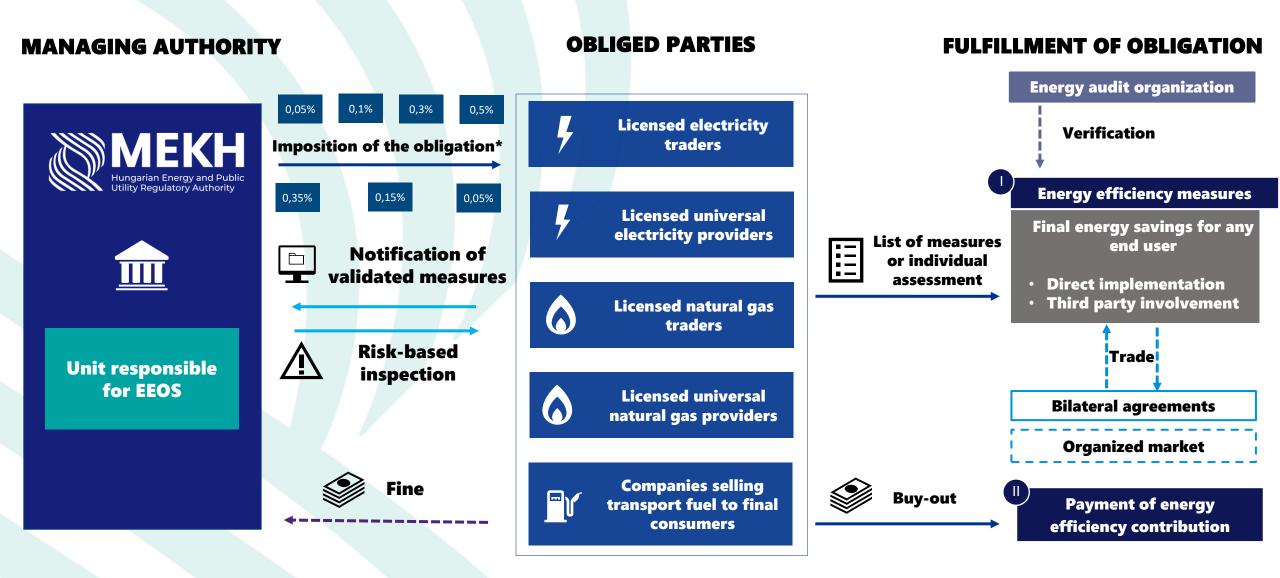
EEOS CUMULATIVE TARGET (2021-2030): 99 PJ

<u>Target savings from obligated parties:</u> Given % of energy (under obligation!) sold to endusers in the base year













		(F)
	Energy efficiency contribution (buyout)	Fine
Due date	On the basis of the decision of the obliged party, it can be paid to fulfill the obligation	Legal consequence of non-performance of the obligation
Amount	50 000 HUF* / each not performed 1 GJ / year	70 000 HUF** / each not performed 1 GJ / year
Timing	The buyout decision can be made until 31 January following the reference year, and it has to be paid within 60 days	If retrospective set-off is no longer possible (in the 3rd year following the reference year)
Recipient of payment	Ministry responsible for energy, defined by decree	MEKH (managing authority)
Buyout of obligation	The obligation can be <u>replaced</u> by paying the contribution	The obligation is <u>fulfilled</u> by paying the fine



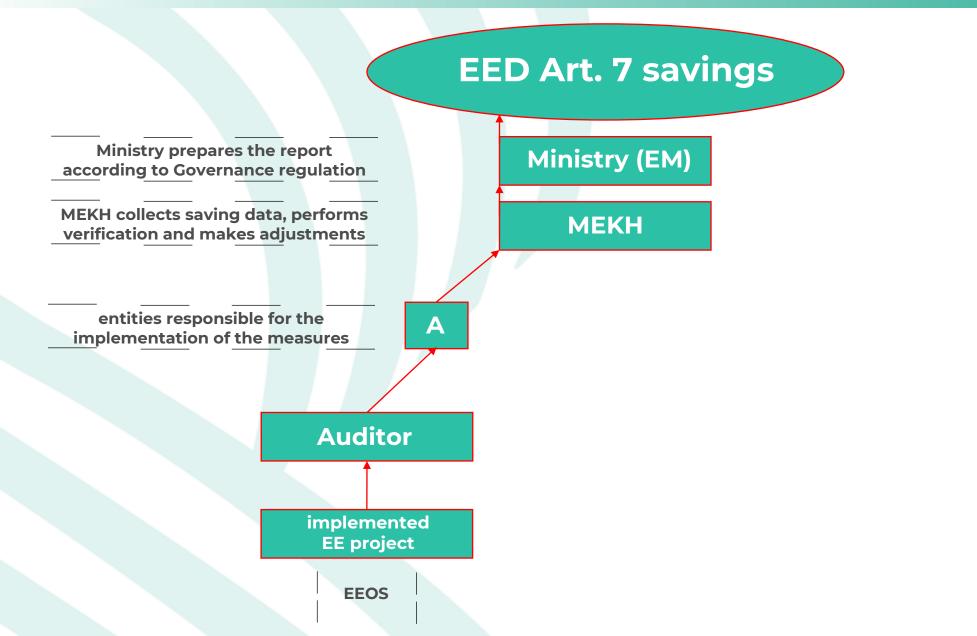


Alternative policy measures

- Awareness raising programs (National Network of Energy Experts)
- Tax relief measures
- Employment of an energy expert at energy-intensive businesses (>400 000 kWh or >100 000 m³ or >3 400 GJ)
- Direct investment support for energy efficiency
 - Environmental and Energy Efficiency OP (KEHOP+)
- Primarily non-energy efficiency operational programs
 - Economic Development and Innovation OP (GINOP+)
 - Territorial and Settlement Development OP (TOP+)
- Recovery and Resilience Facility (RRF)
- Municipality level support programs
 - Modern Cities Program
 - o Hungarian Village Program

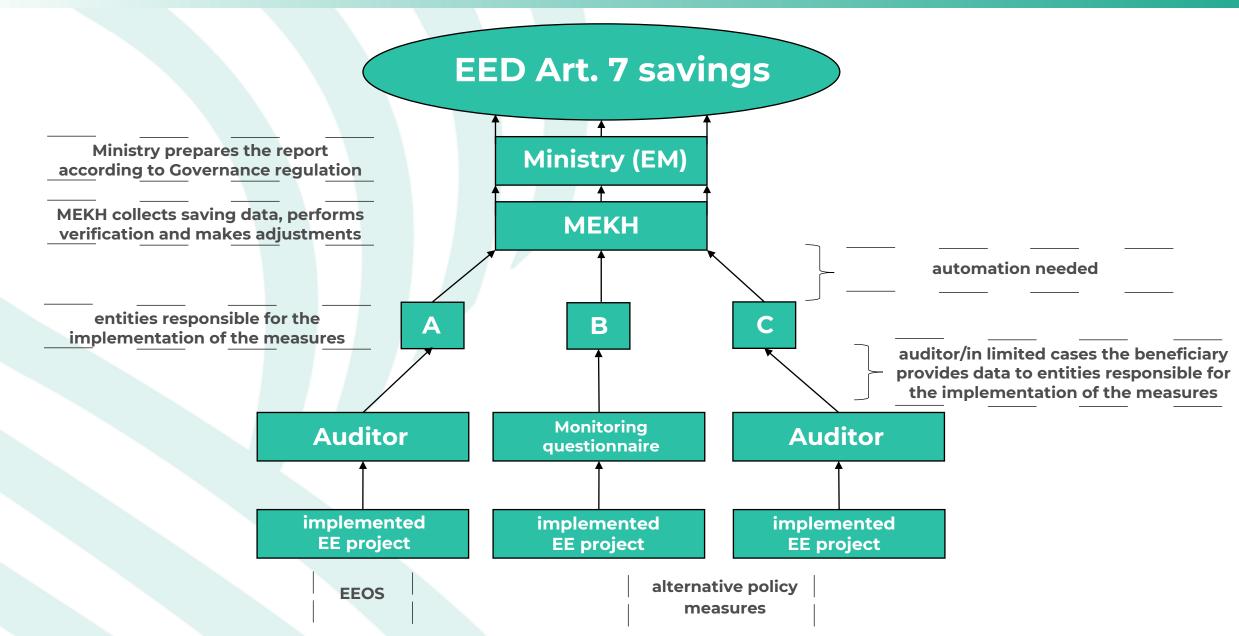










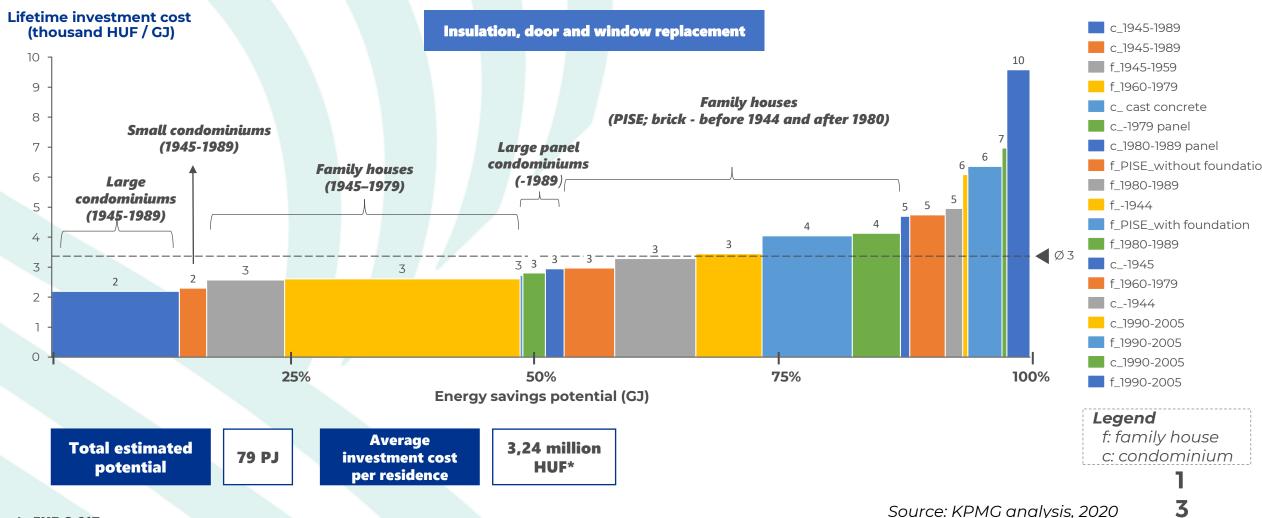






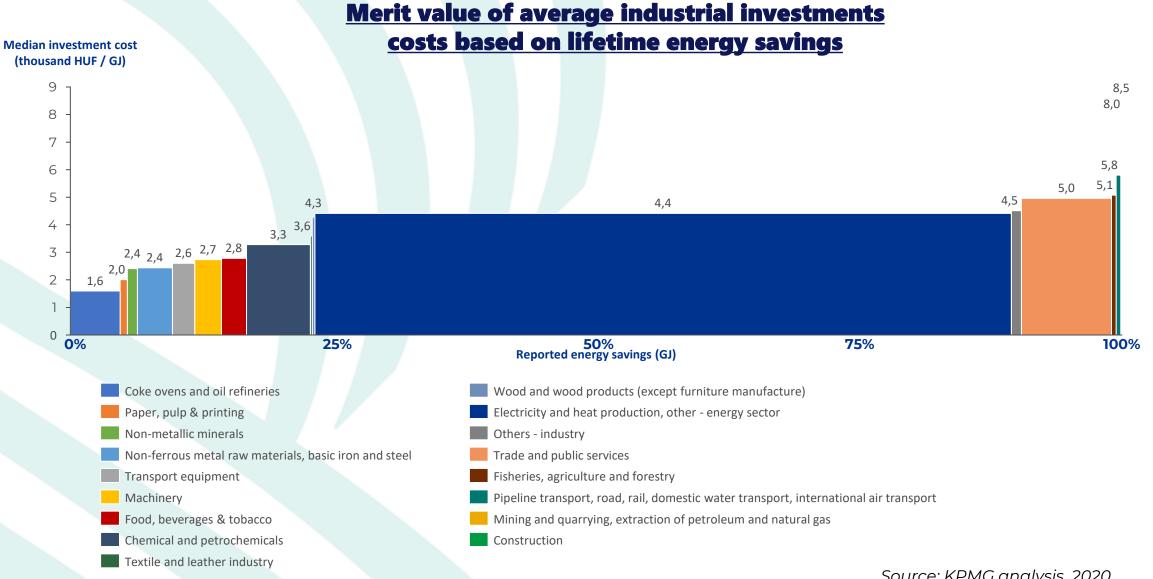


Merit order of residential buildings based on lifetime energy savings









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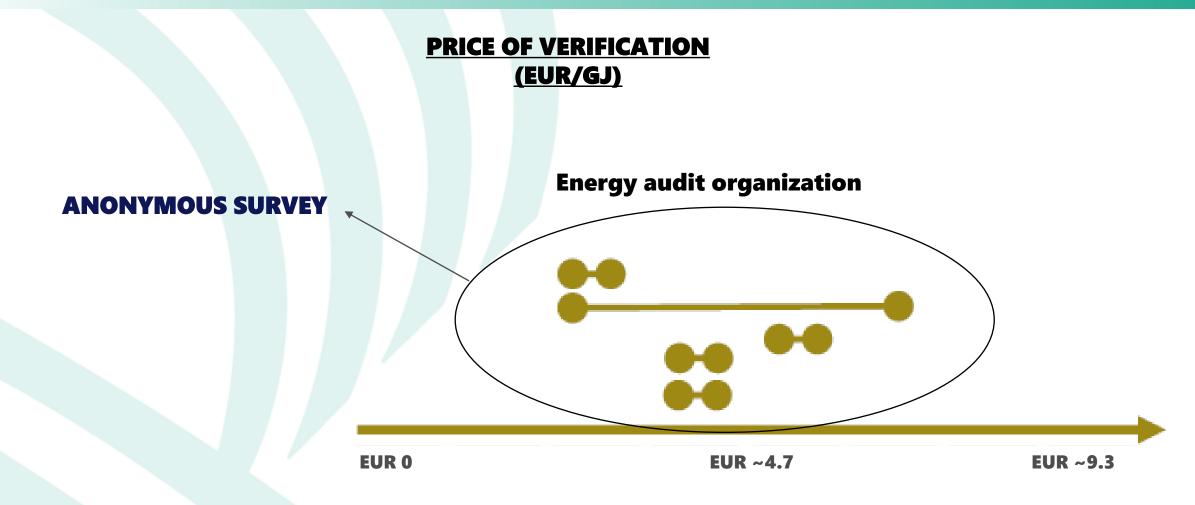


(pcs) (GJ) 450 000 400 000 350 000 300 000 250 000 200 000 150 000 100 000 50 000 Verified energy savig (GJ) — Number of registration (pcs)

LIFETIME OF SAVINGS











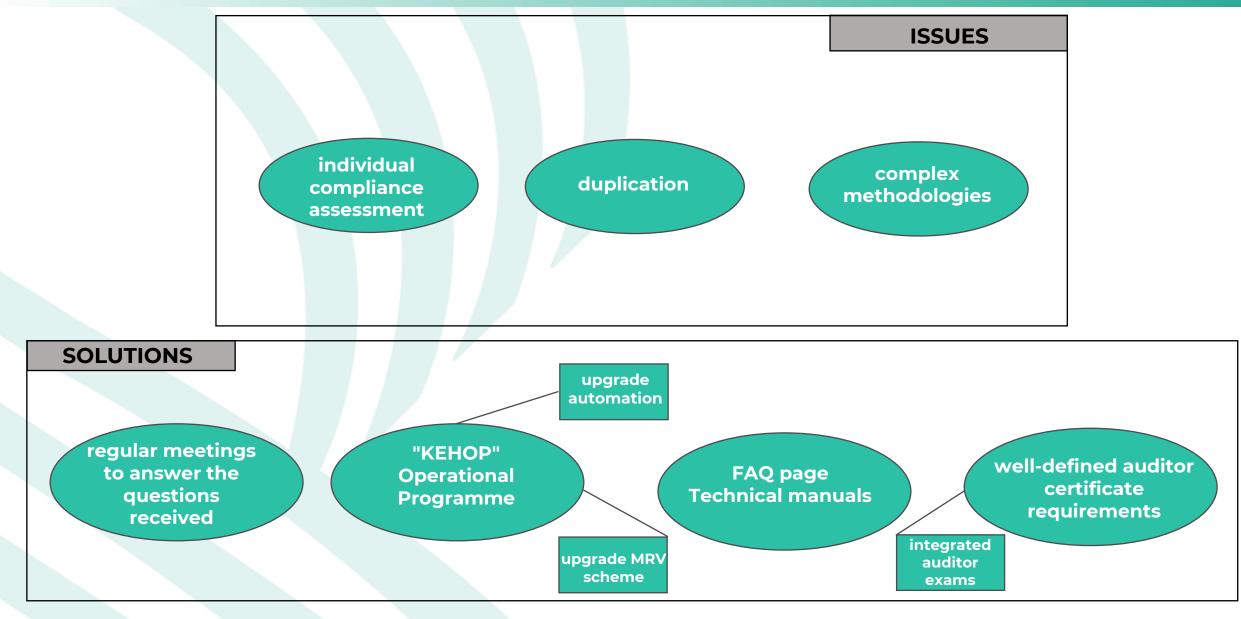


Database of verified energy savings

Számlák		📩 🗘			
Szervezet KOT2 - KOT2	HEM év 2022 💙				
Azonosító	Projekt	Éven túli	Egyenleg	Áthozat	Foglalás
SZ1bd1f958	EASZ/588/2022	Nem	200	0	0
SZb2c656c2	EASZ/999/2022	Nem	0	0	0
SZbdb9dad2	EASZ-01/2022	Nem	0	0	0
SZcfaf51f7	EASZ-001/2022	Nem	0	0	0
SZe0eac43e	EASZ/33/2022	Nem	33	0	0
\$749009600	EAS7/k balvatt a/20	22 Nom	1000	0	0











Thank you for your attention!

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Hungarian Energy and Public Utility Regulatory Authority

Clean energy, sustainable environment