

The logo consists of the letters 'CN' in a bold, black, sans-serif font.

Instituția Publică
**Centrul Național pentru
Energie Durabilă**

The background of the slide is a photograph of a rolling green hill under a cloudy sky. Five wind turbines are visible, spaced out across the ridge of the hill. The hills are covered in lush green grass, and the sky is filled with soft, white clouds.

National Center for Sustainable Energy

The Status of the Moldovan Energy Market and National Energy Efficiency Programmes

Chisinau, 2025



Instituția Publică
Centrul Național pentru
Energie Durabilă

National Center for Sustainable Energy: The center of efficient energy solutions for a sustainable future

Mission

Efficient energy solutions for a sustainable future

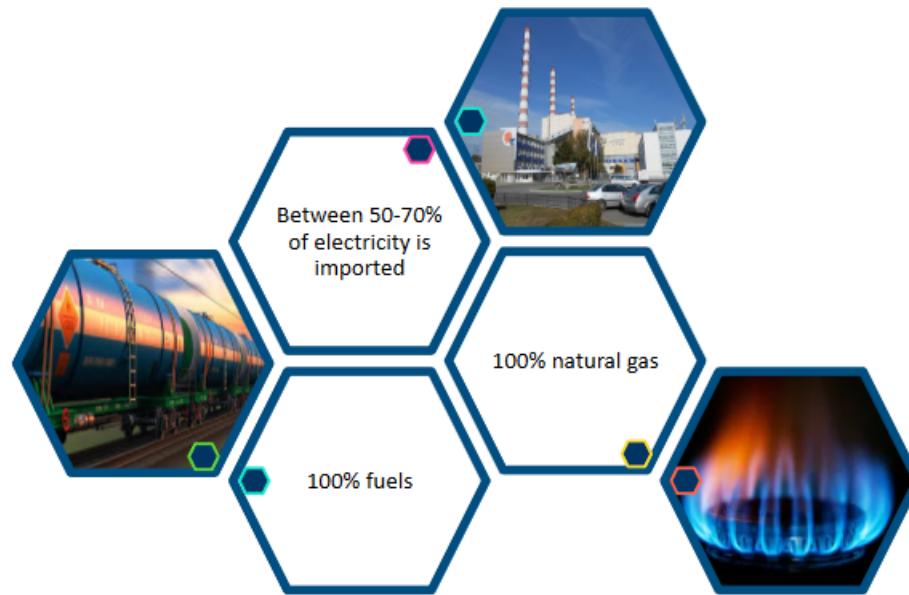
Vision

To lead the energy transition in the Republic of Moldova

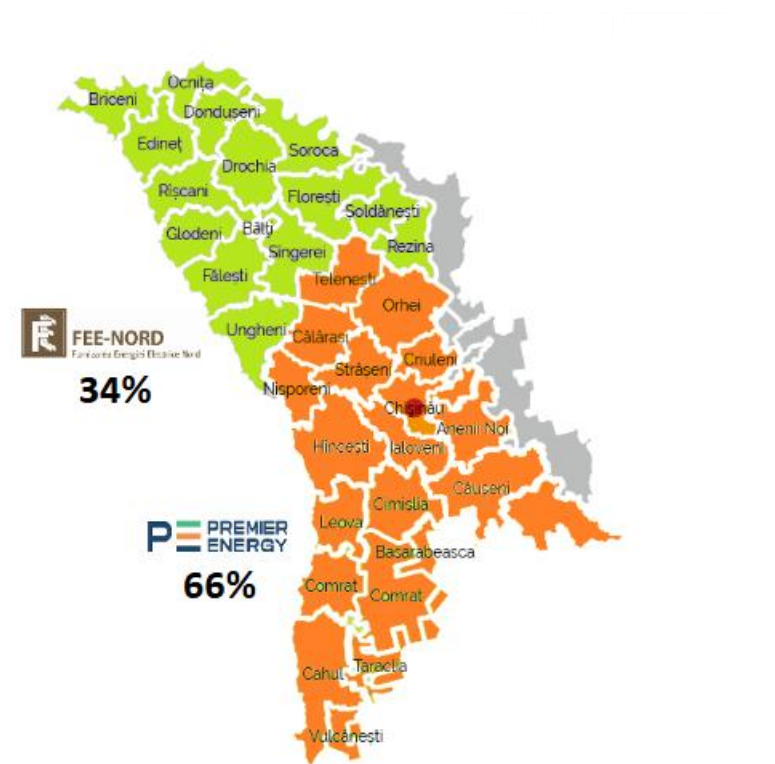
Moldova's Energy Agenda

- **Energy Sector Reforms:** Moldova is actively modernizing its energy infrastructure, investing in renewable energy sources and energy efficiency improvements to ensure a more sustainable and secure energy supply.
- **EU Integration Efforts:** The country is aligning its policies and standards with European Union practices, and membership in EnR is a strategic step that supports our broader aspirations for EU integration.
- **Commitment to Sustainability:** Moldova is dedicated to reducing its carbon footprint by promoting innovative, sustainable energy solutions that benefit both the environment and the economy.

Moldova Energy Market



Dependence on energy imports



In March 2025 the Government approved the **Plan of Measures on strengthening energy independence of the Republic of Moldova** (GD No. 119/2025). The aim of the Plan is to eliminate dependence on supplies of energy resources from the Russian Federation, both in the electricity, natural gas and oil products sectors.

Moldovan Energy Market

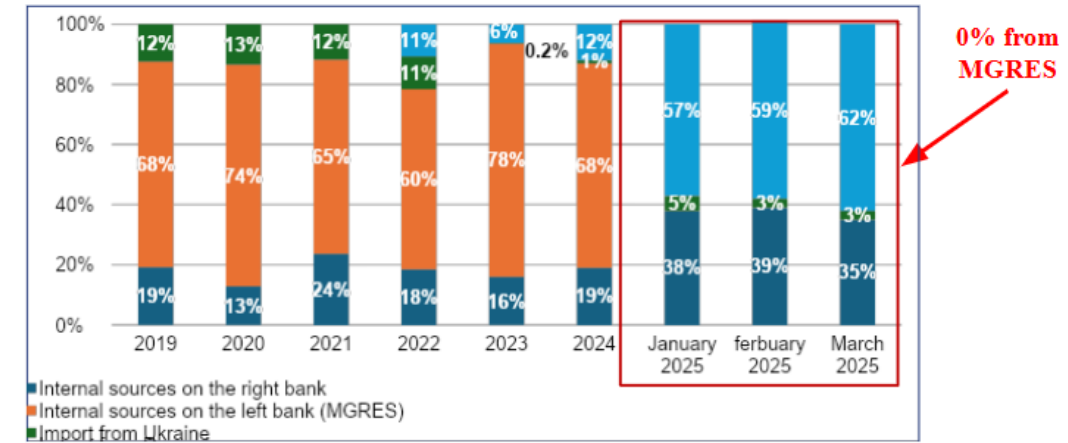
The synchronization of the Electricity systems of the Republic of Moldova and Ukraine with the **Electricity** system of ENTSO;

The **rules regarding the intraday allocation of capacity** for the Moldova-Romania border and the Moldova-Ukraine border were approved;

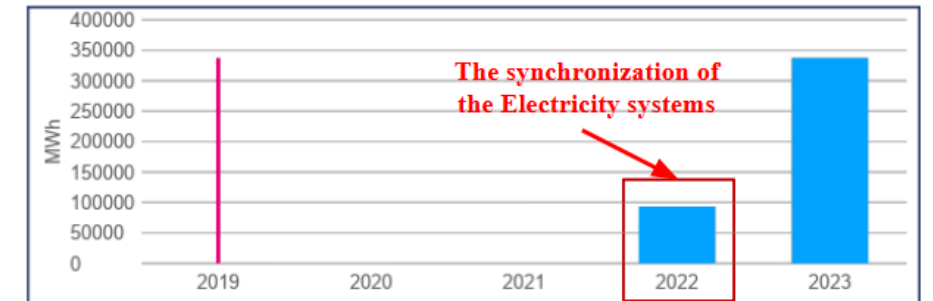
As of April 1, 2025 the import transmission capacity for the UA-MD block has been reduced to 1700 MW, of which **15% or 255 MW is allocated to the Republic of Moldova.**

Moldova completed the implementation of the Third Energy Package in 2023, finalizing the unbundling of electricity transmission, production, and supply activities. This reform guarantees open access to transmission and distribution networks for investors, facilitating internal energy trade and exports.

Additionally, the certification process of the electricity transmission system operator has been completed, in line with Moldova's EU Association Agreement commitments.



Electricity consumption coverage between 2019- January 2025



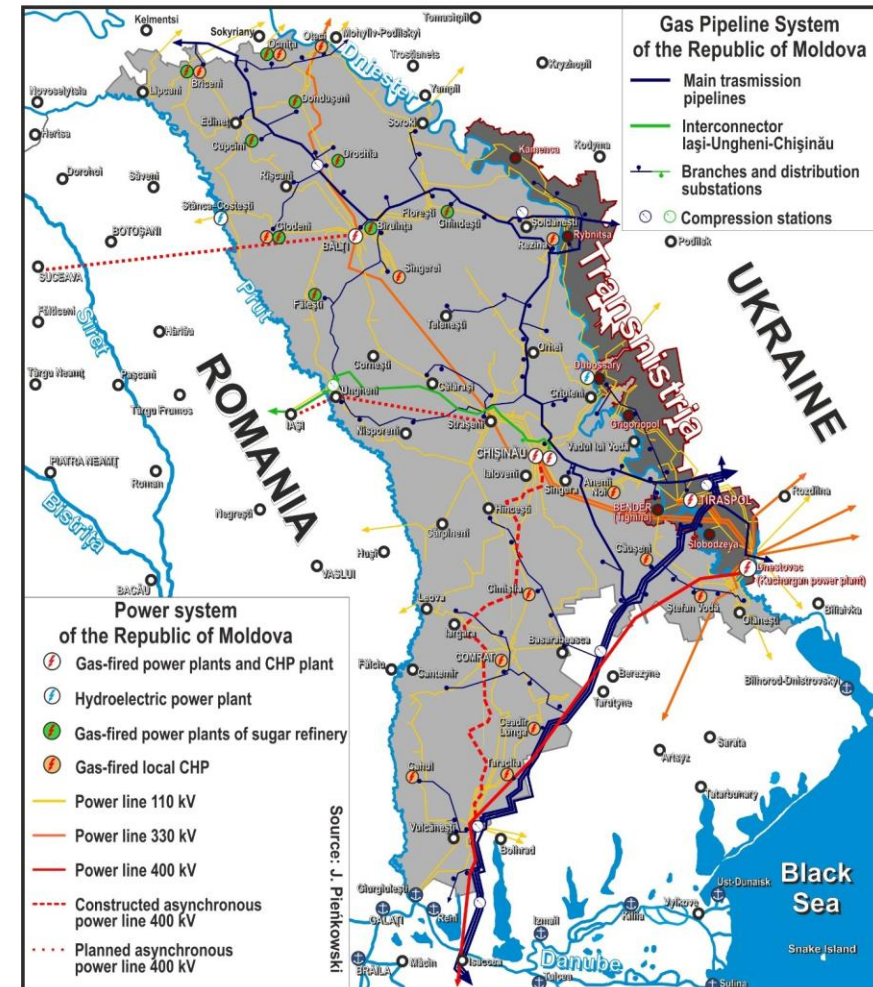
Source: The National Bureau of Statistics

Electricity exports between 2019-2023

Main targets



- ✓ Ensuring a share of at least 27% of energy from RES in the energy balance of the Republic of Moldova by 2030
- ✓ Ensuring a share of 30 % electricity from RES
- ✓ Maximum primary energy consumption of 2.95 Mtoe by 2030, Maximum final energy consumption of 2.76 Mtoe by 2030
- ✓ Limit greenhouse gas emissions to 68.6% of 1990 levels by 2030
- ✓ Preparing the ground for RES to reach a 9 % share in transport by 2030
- ✓ Moldova Net zero by 2050



Legal framework on EE & RES

- Law on Energy Efficiency
https://www.legis.md/cautare/getResults?doc_id=139945&lang=ro
- Law on promoting the use of energy from renewable sources
https://www.legis.md/cautare/getResults?doc_id=144985&lang=ro#
- Law on Energy Performance of the buildings
https://www.legis.md/cautare/getResults?doc_id=139619&lang=ro
- Law on thermal energy and promotion of cogeneration
https://www.legis.md/cautare/getResults?doc_id=144872&lang=ro#
- Government Decision on EEOS for the period 2024-2026
https://www.legis.md/cautare/getResults?doc_id=140905&lang=ro
- Government Decision on creation of the NCSE
https://www.legis.md/cautare/getResults?doc_id=141020&lang=ro

The field of activity



The National Center for Sustainable Energy is a public institution under the Ministry of Energy with the function of **coordinating and organizing the activities** aimed to ensure the **implementation of state policy in the fields of attribution.**

-
- Energy efficiency
 - Renewable energy sources
 - Financial assistance in EE & RES

New type of governance

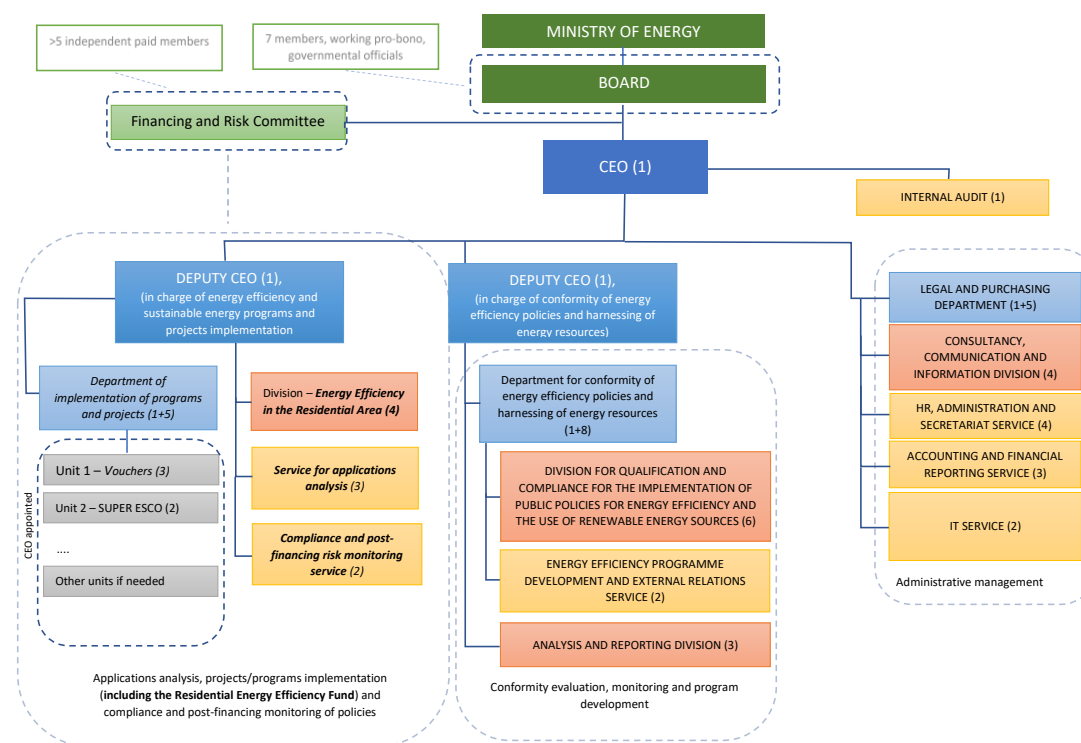


- Legal entity under public law to self-management

- The Council – supervisory body that ensures the continuity of Center’s activity

- Independent funding and risk committee responsible for funding decisions with escalation rights

- Administrates the Energy Efficiency Obligation Scheme.



More flexibility



- Setting up the Projects/Programmes Implementation Units on demand
- The possibility of managing commercial accounts
- The possibility of financing the activity through implemented projects/programs – up to 10%
- Prompt allocation of resources for contributions to possible international projects, etc.

Programs



18 000+

Redeemed Vouchers

62 HoA (81 build, 5346 ap.)

Beneficiaries/Potential beneficiaries at different stages

192 Individual houses

15

Funded startups

3

Pilot buildings for 2026 + Regulatory framework

The logo for CNED features the letters "CNED" in a bold, black, sans-serif font, with a green horizontal bar integrated into the letter "E".

CNED



CNED

Home Appliance Voucher Program

- Government Decision on the Home Appliances Voucher Program – 533/2024
- Granting financial support in the form of a **voucher for the replacement of household appliances** in a household with more energy-efficient ones, in order to make the consumption of energy resources more efficient.

Objective - To to achieve average **annual energy savings of at least 2.04 ktoe**, calculated for the period 2024-2030.



More than 20 000
beneficiaries



More of 20 000
appliances sent for
recycling

Sesiune	Perioada	Statut	Vouchere emise	Valoare voucher, MDL	Valorificate cumulativ
Electrocasnice (20250226CNED151)	26.02.2025 - 23.03.2025	Activă	7873	6000	1607

Sesiuni EcoVoucher 2024

Sesiune	Perioada	Statut	Vouchere emise	Valoare voucher, MDL	Valorificate cumulativ
Electrocasnice (20240930CNED451)	30.09.2024	Închisă	148	6000	69
Electrocasnice (20240930CNED551)	20.10.2024	Închisă	7559	7000	3049
Electrocasnice (20241025CNED352)	25.10.2024	Închisă	167	5000	87
Electrocasnice (20241025CNED452)	24.11.2024	Închisă	408	6000	194
Electrocasnice		Închisă	9023	7000	3824

2 sessions 2024
2 sessions 2025

**Estimated vouchers to be
provided in 2025
17 000 (more than 15 000
already redeemed in 2025,
in total more than 22 000/program)**

Support for financing projects

State budget (2024)

- 2,5 million Euro already collected

Norad + EU (2025)

- 7,5 million Euro + 1 million in process

More to Gather and Even More to Attract...

Sub egida



Ecovoucher implementat de



Ecovoucher finanțat de



E4M inițiat de



E4M implementat de



Ecovoucher dezvoltat de





Eligible appliances and requirements (2025)



CE marking and Declaration of conformity



Refrigerators,
including
integrated
freezer:

Energy
efficiency
class
(A, B, C, D)

Washing
machines

Energy
efficiency
class
(A)



Voucher beneficiaries



To be eligible, beneficiaries must be registered in the Energy Vulnerability Information System.

They will be notified by SMS or e-mail about the availability of vouchers, which can be accessed through the platform compensatii.gov.md.

To redeem the voucher, recipients will have to hand in an old appliance of the same type, which will be replaced with a new, more energy-efficient one.

Priority is given to families with larger number of children and to families retirees, and high electricity consumption

Innovative approach - The voucher is looking for the beneficiary!

- ✓ **Informational system** to identify energy vulnerable households;
- ✓ All relevant **data** about households are **centralized in a single platform**;
- ✓ The human factor excluded from the decision-making process (approves only criteria);
- ✓ Notification the beneficiaries by **SMS**;
- ✓ **No need to apply** for getting a voucher;
- ✓ ID card and the **old appliance + contribution** is enough to go to the authorized shops.

Innovative approach - The voucher is looking for the beneficiary!

- ✓ Under Eco Voucher Program old and obsolete household equipment can be replaced with new, more economic and energy-efficient appliances
- ✓ EcoVoucher electronic platform uses data from the Energy Vulnerability Information System to identify beneficiaries
- ✓ Dedicated Green line and Customer support service: **0 800 55 005** and web site: **ecovoucher.md/en**
- ✓ **Energy Efficiency label from A to D**

Caută

Raport sesiune

Raportul furnizorului

Căutare după nume sesiune

NUME ↕	PERIOADĂ	TOTAL	FOLOSITE	RETRAS	STARE ↕	
Electrocasnice (20250414CNED1S2)	14.04.2025 - 04.05.2025	9330	58	0	Activă	
Electrocasnice (20250226CNED1S1)	26.02.2025 - 23.03.2025	7873	5111	2744	Expirată	
Electrocasnice (20241025CNED3S2)	25.10.2024 - 24.11.2024	167	87	80	Expirată	
Electrocasnice (20241025CNED4S2)	25.10.2024 - 24.11.2024	408	194	214	Expirată	
Electrocasnice (20241025CNED5S2)	25.10.2024 - 24.11.2024	9023	3824	5196	Expirată	

Program capabilities

2025 – 15 M EUR  50 k beneficiaries

2026 – 30 M EUR  120 k beneficiaries

2027 – 40 M EUR  160 k beneficiaries

3 years – 85 M EUR >25% of the households in the country



CNED





GOALS

CNED



The renovation of more than 370 thousand square meters of heated surface in multi-storey apartment buildings

50%

funding for vulnerable consumers



The renovation of more than 130 thousand square meters of heated surface in individual houses

75%

projects in multi-storey apartment buildings



Reduction of CO2 emissions by 5.7 thousand tons

50%

projects in buildings connected to district heating systems



Contributions to the REEF budget

CNED

12 mil. €

EEOS

3.5 mil. €

Energy Vulnerability
Reduction Fund

12 mil. €

EEOS

12 mil. €

External donors (estimated)

5 mil. €

Energy Vulnerability
Reduction Fund

12 mil. €

EEOS

12 mil. €

External donors (estimated)

5 mil. €

Energy Vulnerability
Reduction Fund

2024

2025

2026

Policy implementation, Mandate



-
- ✓ Creation and management of the National Energy Efficiency Information System.
 - ✓ Implementation of the energy performance of buildings framework
 - ✓ Assessing energy efficiency potential and energy services market developments.
 - ✓ Establishing and maintaining electronic registers for energy efficiency specialists.
 - ✓ Implementation of the Energy Efficiency Obligation Mechanism.
 - ✓ Provide information and advisory assistance to the public on energy efficiency.
 - ✓ Monitoring data on installed capacities for renewable energy.
 - ✓ Assistance in drafting, monitoring and implementing legislative and normative acts etc.

CNED`s main activities on Energy Efficiency

(Directive 2012/27/EU and 2018/2002 on energy efficiency transposed)



- National Integrated System on Energy Efficiency – put into operation
- National Integrated Energy and Climate Plan implementation – implementing measures
- Sectorial Long Term Strategy on renovation the national buildings plan – coordination with Ministry of Energy
- Energy Efficiency Obligation Mechanism – budget administration and reporting
- Energy audit for Large enterprises
- Local Energy Management - coordination of the Local NECP`s
- Energy efficiency Specialists trainings, qualification and Registering
- Awareness campaigns regarding energy efficiency

CNED`s main activities on Renewables

(Directive (EU) 2018/2001 on the promotion of the use of energy from renewable sources partially transposed)

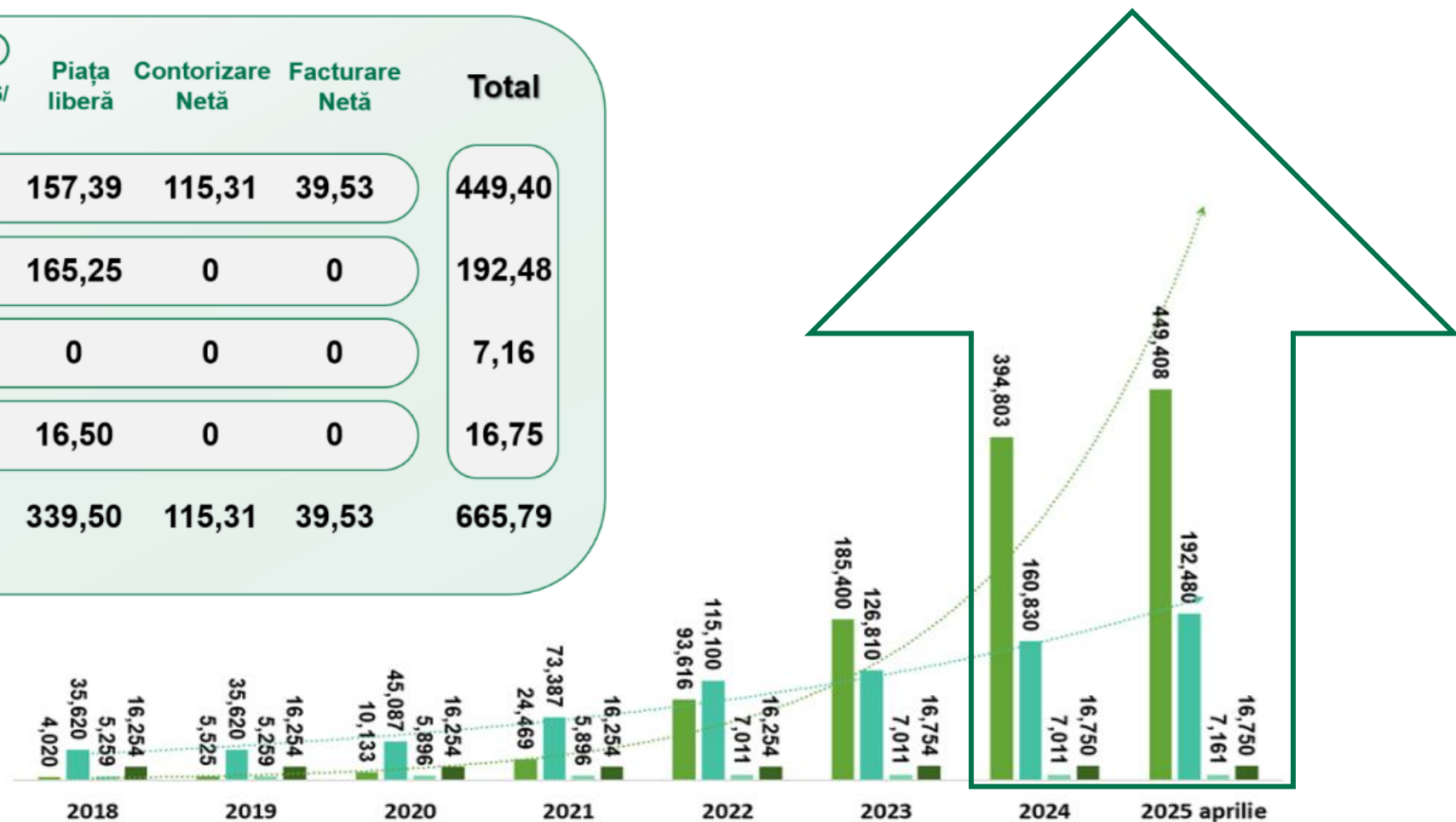


- RES Data Base – monthly actualization (feed in tariff, net billing)
- National Integrated Energy and Climate Plan implementation – implementing measures
- Calculating the RES share in the final energy mix – 16,7% for 2024, first results to be published in the annual CNED`s report (till May 30, 2025)
- RES Energy Communities – dedicated menu and informational support for the first pilots
- E-mobility – actualization of the data base each quarter
- RES Specialists trainings, qualification and Registering
- Awareness campaigns regarding the use of renewables

CNED`s main activities on Renewables



	Producători eligibili		Piața liberă	Contorizare Netă	Facturare Netă	Total
	Legea 160-XVI/2007	Legea 10/2016/Tarif fix				
PV	0,59	136,59	157,39	115,31	39,53	449,40
Eolian	27,23	0	165,25	0	0	192,48
Biogaz	5,17	1,99	0	0	0	7,16
Hidro	0,25	0	16,50	0	0	16,75
Total	33,25	138,58	339,50	115,31	39,53	665,79



Energy audit for 45 large enterprises



Large enterprises are defined as, for the purposes of this Regulation, enterprises that do not fall under the scope of Law no. 179/2016 on small and medium-sized enterprises and cumulatively meet the following conditions:

5.1. have an average annual number of employees (the average number of employees during the management period) greater than 249;

5.2. have an annual turnover (sales revenue) greater than 100 million lei or have total assets (fixed assets and current assets) greater than 100 million lei, according to the last approved financial statement;

5.3. have an annual primary energy consumption greater than 1,000 toe (approx. 42 TJ)

Lista întreprinderilor mari care au obligația de a efectua audit energetic
Aprobată prin Ordinul nr. 06/AB din 14 februarie 2025

Nr.	IDNO	Denumirea întreprinderii
1	100600048096	Societatea Comercială „RINDA PRIM” Societate cu Răspundere Limitată
2	100400072997	Întreprinderea cu Capital Străin „DANUBE LOGISTICS” Societate cu Răspundere Limitată
3	100500012120	Societatea Comercială „NOLUCONST” Societate cu Răspundere Limitată
4	101500032640	Societatea cu Răspundere Limitată „FLY ONE”
5	100200009706	Societatea cu Răspundere Limitată „SUDZUCKER-MOLDOVA”
6	100200046027	Societatea pe Acțiuni „MOLDOCELL”
7	1003000044307	Societatea cu Răspundere Limitată „NEFIS”
8	100300015208	Întreprinderea Mixtă „EFES VITANTA MOLDOVA BREWERY” Societate pe Acțiuni
9	100400028447	Întreprinderea Municipală „REGIA AUTOSALUBRITATE”
10	1002000204386	Societatea pe Acțiuni „BASARABIA-NORD”
11	1002000036924	Întreprinderea de Stat „FABRICA DE STICLĂ DIN CHIȘINĂU”
12	100200024308	Societatea cu Răspundere Limitată „APMOL”
13	101400002907	Societatea cu Răspundere Limitată „SAPTE SPICE”
14	100600030056	Societatea cu Răspundere Limitată „GLOBAL FARMING INTERNATIONAL”
15	1002000200345	Societatea pe Acțiuni „CET-NORD”
16	1003000056966	Întreprinderea cu Capital Străin „OILTECH” Societate cu Răspundere Limitată
17	1003007003132	Societatea pe Acțiuni „ALFA-NISTRU”
18	100300004176	Societatea cu Răspundere Limitată „ORHEI-NIT”
19	1002000028650	Societatea pe Acțiuni „VETROPACK CHIȘINĂU”
20	100300025667	Societatea cu Răspundere Limitată „EXFACTOR-GRUP”
21	100400001287	Societatea Comercială „BRODETCHI” Societate cu Răspundere Limitată
22	100200001837	Societatea pe Acțiuni „FLOAREA SOARELUI”
23	100600006996	Societatea cu Răspundere Limitată „CARMEZ PROCESSING”
24	10070002005520	Casa Comercială „AQUATRADE” Societate cu Răspundere Limitată
25	1018011002761	Societatea cu Răspundere Limitată „ONUR TAAHHUT TAŞIMACILIK İNŞAAT TİCARET VE SANAYİ”
26	1003000106115	Întreprinderea Mixtă „ORANGE MOLDOVA” Societate pe Acțiuni
27	100200005059	Societatea pe Acțiuni „ALC”
28	100301000214	Societatea pe Acțiuni „JUGINTERTRANS”
29	1003000050791	Societatea pe Acțiuni „SUPRATEN”
30	1003000043207	Firma de Producție și Comerț „ROGOS” Societate cu Răspundere Limitată
31	100200006326	Societatea pe Acțiuni „INCOMLAC”
32	1004000054327	Întreprinderea Municipală „PARCUL URBAN DE AUTOBUZE”
33	1016000004811	Societatea cu Răspundere Limitată „KAUFLAND”
34	1002000023736	Societatea pe Acțiuni „BUCURIA”
35	1002001002055	Societatea cu Răspundere Limitată „FLOREN”
36	1002000004030	Combinatul de Rafinajie din Chișinău „FRANZELIUTA” Societate pe Acțiuni
37	1002000038891	Societatea cu Răspundere Limitată „4TH PARALLEL”
38	100200011694	Societatea cu Răspundere Limitată „MENSTAT”
39	1002000015876	Societatea pe Acțiuni „APĂ-CANAL CHIȘINĂU”
40	1003000026295	Societatea pe Acțiuni „TERMoeLECTRICA”
41	1003000033974	Societatea cu Răspundere Limitată „TRABO-PLUS”
42	1003000048486	Întreprinderea Municipală „REGIA TRANSPORT ELECTRIC”
43	1002000048836	Societatea pe Acțiuni „MOLDETECOM”
44	1010000022480	Societatea cu Răspundere Limitată „MOLDRETAIL GROUP”
45	100200001257	Întreprinderea de Stat „CALEA FERATĂ DIN MOLDOVA”

Main goals



Energy efficiency first principle application

Reducing energy consumption in industry

Collected budget SOEE – since 01.01.2024

–

236 mln MDL = 12 mln EUR

**For EE Measures including REEF
(0.05 € cent/kWh)**

Main goals



- Energy efficiency first principle application**
- Renovation of public and residential buildings

Our partners





Instituția Publică
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Energie Durabilă

Cooperation, Trust and Support bring Progress

THANK YOU!