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Instituția Publică
**Centrul Național pentru
Energie Durabilă**



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

CHIȘINĂU, 2025



Instituția Publică
Centrul Național pentru
Energie Durabilă

The role of the CNED in the implementation of national energy efficiency policies:

Mission

Efficient energy solutions for a sustainable future

Vision

To lead the energy transition in the Republic of Moldova

Moldova's Energy Agenda

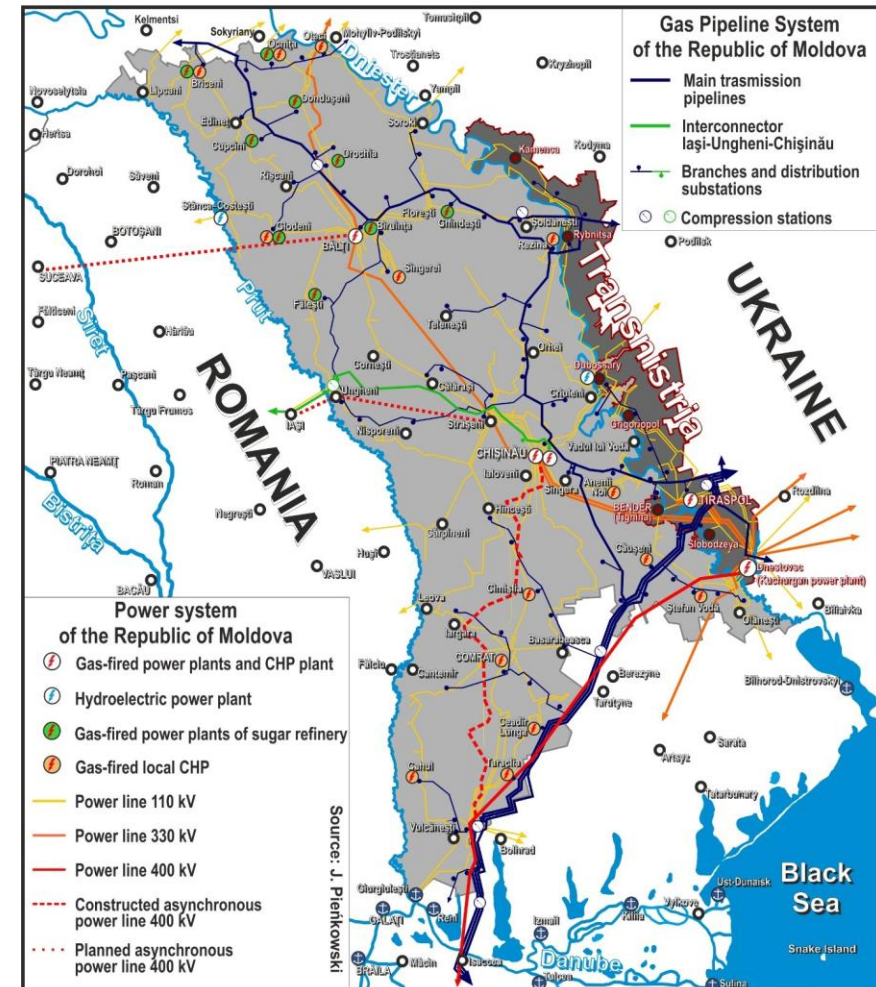


- **Energy Sector Reforms:** Moldova is actively modernizing its energy infrastructure, investing in renewable energy sources and energy efficiency improvements to ensure a more sustainable and secure energy supply.
- **EU Integration Efforts:** The country is aligning its policies and standards with 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.

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



National Energy Efficiency targets



The Energy Efficiency dimension implementation in Moldova is based on the principle of "**energy efficiency first**".



The EU legislative package "**Clean energy for all**" is partially transposed into the new Law on energy efficiency of Moldova.



Energy efficiency is the **1st priority** for increasing Moldova's energy security and resilience.

Decision of the Ministerial Council of the Energy Community No. 2022/02/MC-EnC:

2030 targets:

the final energy no more than **2.80 Mtoe**

primary energy consumption to no more than **3.00 Mtoe**

Republic of Moldova commitment (<2030):

to save annually at least **0.8%** of the average value of the energy consumption recorded between January 1st, 2019 and January, 1st, 2022 starting from 2024.

Republic of Moldova commitment:

energy efficiency at **3% per year** in the buildings of central public administration authorities having a total useful area of over 250 m² (exemplary role).

General context

International treaties in force in the Republic of Moldova:

● ASSOCIATION AGREEMENT between the European Union and the European Atomic Energy Community and their Member States, on one part, and the Republic of Moldova, on the other part, entered into force on 2nd of July, 2014.

● Energy Community Treaty in 2009
Law No 117/2009 - Extending the EU's internal energy market rules and principles to promote energy security, market integration, and sustainable development in the region.



Regulatory approximation



EU	Status	MD
Directive 2012/27/EU on energy efficiency	transposed	<u>Law No. 139/2018</u> on energy efficiency <ul style="list-style-type: none">• National energy efficiency targets for 2020: final energy consumption of 2796 ktoe or 2968 ktoe of primary energy• Targets for public building renovation• Energy efficiency obligation scheme <u>Law No. 92/2014</u> regarding thermal energy and the promotion of cogeneration
Directive <u>2018/2002</u> on energy efficiency	transposed	<u>Law No. 113/2023</u> amending Law No. 139/2018 on energy efficiency <ul style="list-style-type: none">• National Energy and Climate Plan• More ambitious targets for public building renovation• More ambitious energy efficiency obligation scheme
<u>Directive 2023/1791</u> on energy efficiency	not transposed	After Ministerial Council Decision of the Energy Community – expected 2026

Primary and secondary legislation on EE



- Law No. 139/2018 on energy efficiency

GD No. 676/2020 on the Regulation on **energy auditors and energy audit**

- Law No. 174/2016 on energy

GD No. 372/2020 on the programme for the implementation of the obligation to **renovate the buildings of the specialized central public administration** bodies 2020-2022

GD No. 1060/2023 on the organization and functioning of the Public Institution **National Centre for Sustainable Energy**

- Law No. 92/2014 regarding thermal energy and the promotion of cogeneration

GD No. 1064/2023 on Programme for the implementation of the **Energy Efficiency Obligation Scheme** for the period 2024-2026

GD No. 1068/2023 on the Methodology for determining the **contributions to be paid** by obligated parties

GD No. 163/2024 on the programme for the implementation of the obligation to renovate the buildings of the specialized central public administration bodies 2024-2026

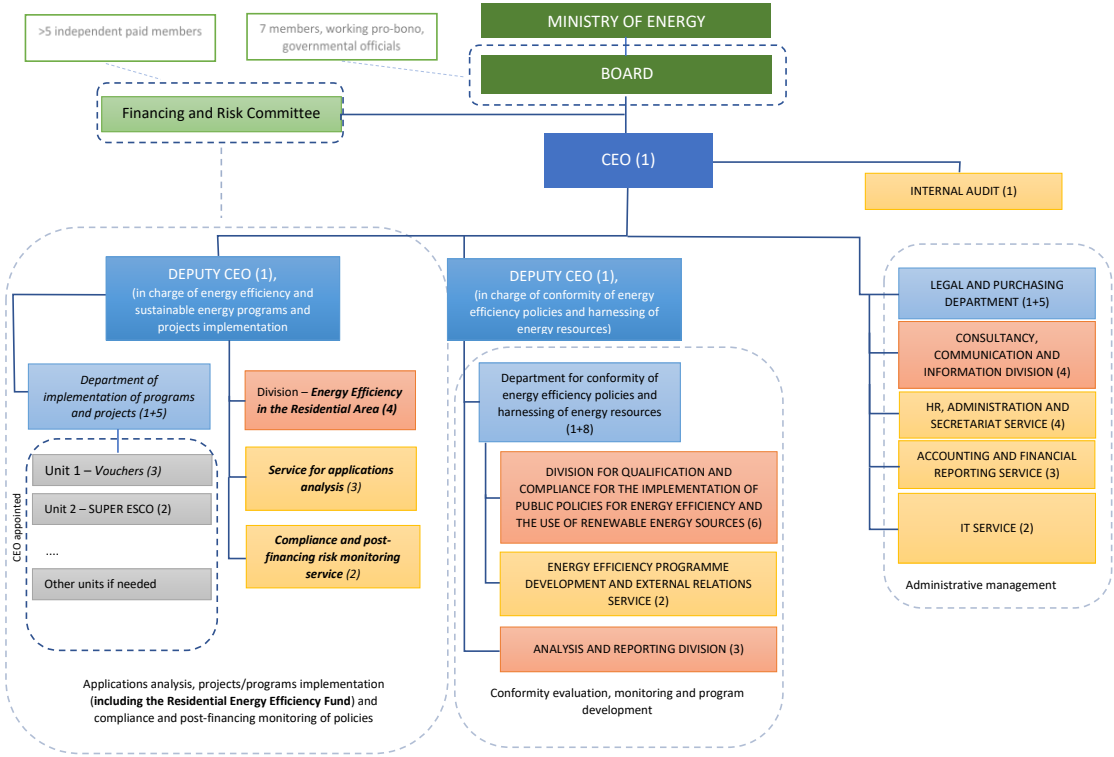
GD No. 829/2024 Energy Audit for **Large Enterprises**, **GD No. 251/2024 REEF**

GD No. 86/2025 National Energy and Climate Plan, **NECP**, **GD No. 144/2025 SINEE**

GD No. 595/2025 LT **Strategy on renovation of the national building stock**

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
- A national focal point for the country's energy efficiency needs, including in residential sector, and a trusted institution for all donors and partners



Policy implementation, Mandate of CNED



-
- ✓ 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.

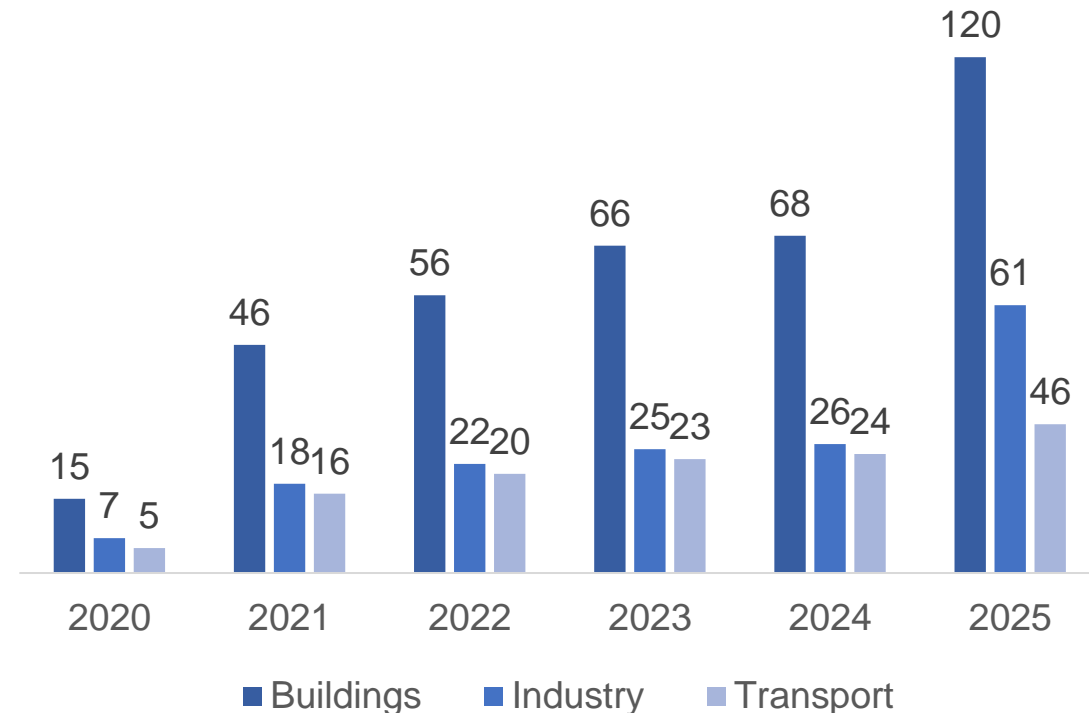
Energy auditors, Energy audits



3 categories of energy auditors:

- **Buildings** - for any heated/cooled building, including public lighting
- **Transport** - for any type and form of vehicle
- **Industry** - for any industrial process, including those related to agricultural and forestry activities

Number of qualified energy auditors



Performed energy audits			
2021	2022	2023	2024
29	89	154	274

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)

Main goals



Energy efficiency first principle application

Reducing energy consumption in industry

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

Nr.	IDNO	Denumirea întreprinderii
1	100600048096	Societatea Comercială „RINDA PRIM” Societate cu Răspundere Limitată
2	100400073997	Întreprinderea cu Capital Străin „DANUBE LOGISTICS” Societate cu Răspundere Limitată
3	100500012120	Societatea Comercială „NICONIST” 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 „MOLDELL”
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	100200204386	Societatea pe Acțiuni „BASARABIA-NORD”
11	100200003924	Întreprinderea de Stat „FABRICA DE STICLA DIN CHIȘINĂU”
12	100200024308	Societatea cu Răspundere Limitată „LAPMOL”
13	101460002907	Societatea cu Răspundere Limitată „SAPTE SPICE”
14	100900030056	Societatea cu Răspundere Limitată „GLOBAL FARMING INTERNATIONAL”
15	1002002003845	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	100400001267	Societatea Comercială „BRODETCI” Societate cu Răspundere Limitată
22	100200201837	Societatea pe Acțiuni „FLOAREA SOARELUI”
23	1009000006996	Societatea cu Răspundere Limitată „CARMEZ PROCESSING”
24	1007002005520	Casa Comercială „AQUATRADE” Societate cu Răspundere Limitată
25	1018611002761	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	100300005791	Societatea pe Acțiuni „SUPRATEN”
30	1003000043207	Firma de Producție și Comerț „ROGOG” Societate cu Răspundere Limitată
31	1002002006326	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	100201002055	Societatea cu Răspundere Limitată „FLOREN”
36	100200004030	Combinatul de Rafinare din Chișinău „FRANZELIUTA” Societate pe Acțiuni
37	100200038891	Societatea cu Răspundere Limitată „4TH PARALLEL”
38	100200011694	Societatea cu Răspundere Limitată „MENSITATE”
39	100200015876	Societatea pe Acțiuni „APĂ-CANAL CHIȘINĂU”
40	1003000026295	Societatea pe Acțiuni „TERMOELECTRICA”
41	1003000033974	Societatea cu Răspundere Limitată „TRABO-PLUS”
42	1003000049496	Întreprinderea Municipală „REGIA TRANSPORT ELECTRIC”
43	100200004838	Societatea pe Acțiuni „MOLDELECOM”
44	101000022480	Societatea cu Răspundere Limitată „MOLDRETAIL GROUP”
45	100200001257	Întreprinderea de Stat „CALEA FERATĂ DIN MOLDOVA”

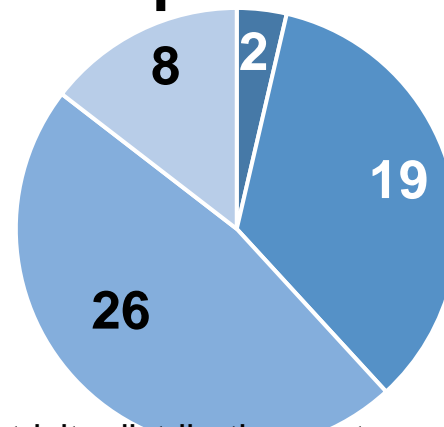
EEOS

Collected budget
SOEE (55 OP) – since
01.01.2024 = 16 mln
EUR, For EE Measures
including REEF
(+1 bănuț)

Main goals



Number of obligated parties

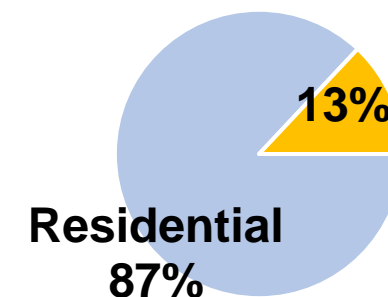


- Electricity distribution system operators
- Natural gas distribution system operators
- Importers of petroleum products
- Thermal energy suppliers

Energy efficiency first principle application
Renovation of public and residential buildings



Share of area by buildings sub-sector



NECP, GD. No 86/2025



Moldova's national energy framework is rapidly aligning with EU standards through its NECP 2025–2030, which sets ambitious goals for decarbonization, energy efficiency, and renewable energy integration.

The NECP was officially approved in February 2025 and covers 5 dimensions:

- 1. Decarbonization*
- 2. Energy Efficiency*
- 3. Energy Security*
- 4. Internal Energy Market*
- 5. Research, Innovation & Competitiveness*

Strategic Objectives:

- Reduce greenhouse gas emissions
- Increase renewable energy share
- Improve energy efficiency across sectors
- Enhance energy security and affordability

Policy Measures:

- Support for solar and wind energy projects
- Energy audits and retrofitting programs for buildings
- Electrification of transport and promotion of e-mobility
- Development of smart grids and digital energy infrastructure

Programs of the NCSE



Our partners

CNED



giz Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH



dena
Deutsche Energie-Agentur



KFW



ODYSSEE-MURE



MEMBER





Moldova
Eco Energetică



Save the Date:

Moldova Eco Energetică Gala 2025



5 December 2025 | Chișinău
Digital Park



Formal Invitation & Agenda to follow



**Cooperation, Trust and Support bring Progress.
Thank you!**

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Updates on Regulation, procedures



**Government Decision on
REEF Financing
Programme Approved in
April 2024**

**Financial Products approved by
the Board:**

- For multi-apartment buildings – June 2024
- For individuals with extreme energy vulnerability – June 2024
- Green Home – June 2025

**Operational manuals for
financing products approved by
the Board:**

- For multi-apartment buildings – June 2024
- For individuals with extreme energy vulnerability – June 2024
- Green Home – June 2025

Financial products and Operational manuals available here: <https://cned.gov.md/en/feerm>



Financial product: Multi-family residential buildings



Call for Proposals 1

- ✓ 34 energy audits conducted
- ✓ 8 association decisions to proceed with project design
- ✓ 6 project approved by the Risk and Finance Committee
- ✓ Technical design for **6 projects** - completed
- ✓ Technical design for **5 projects** - ongoing UNDP
- ✓ Energy efficiency works
- ✓ The tender for construction works has been launched for **2 HoAs**, and is in the process of being launched for **2 others**.

Call for Proposals 2

- ✓ **38 projects** approved by the Risk and Finance Committee
- ✓ 37 energy audits conducted (10 GIZ+27 CNED)
- ✓ 7 association decisions to proceed with project design
- ✓ 7 projects approved by the Risk and Finance Committee
- ✓ Technical design for **7 projects** - ongoing
- ✓ Ongoing work with HoAs to advance to Technical design phase



Financial product: Extreme Vulnerable Households



State of Play (ongoing activities)

- **Contacted over 600 households** to arrange visits (in some cases involving local authorities).
- **Conducted over 350 visits** to potential beneficiaries identified across 19 districts to assess households' availability and construction aspects.
- Received **intention letters** by more **than 230 households**.
- **192 energy audits** completed (GIZ)
- **130 financing contracts** signed with households
- Energy efficiency **works started for 41 households**
- The tender for construction works for approximately **80 additional houses** is expected to be launched soon.

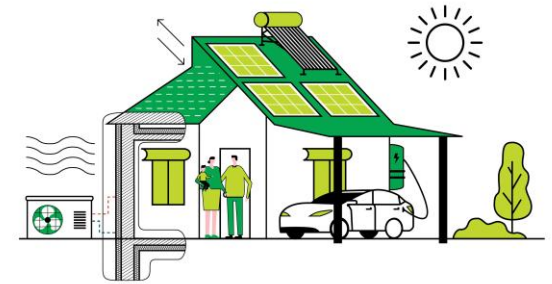


Financial product: Green Home



State of Play (ongoing activities)

- Information System for management of the product developed;
- Call for application launched on the July 3, closed on July 16;
- **745 applications** received and reviewed;
- **456 applications** approved for Component I;
- **7 applications** approved for Component II;
- **1 Financing** Contract signed;
- **27 specialists** confirmed to evaluate energy efficiency measures;
- **26 companies** confirmed to implement EE measures.



The product is designed to effectively absorb significant financial resources.

<https://feerm.md>



Existing support for financing projects

Energy Efficiency Obligation scheme

- more that 16 million Euro already collected

European Union

- 1 million Euro through GLZ,
- 10 million Euro through EIB

Norad

- 1 million Euro



Challenges



-
- Lack of expertise/experience in refurbishment of residential buildings;
 - Quality of the energy audits and technical design documentation;
 - HoAs – specific and sensitive target group;
 - Competition for some services (ex. technical supervision) between state institutions and development partners;
 - Awareness among service and works providers of the importance of complying with technical requirements;
 - Etc.



Opportunities for acceleration...

CNED

-
- Continuous testing and adjustment of financing products from the perspective of attracting commercial financing;
 - Simplification and digitalization of processes to increase the capacity to process financing applications;
 - Development of the services market (in general);
 - Diversification of financing mechanisms (bank guarantees, revolving fund, ESCO, etc.);
 - Consistency and continuity in actions.



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THANK YOU!