

*First Physical Meeting of the Project „ODYSSEE-MURE EED  
Monitoring the EED-Recast”,  
November 5<sup>th</sup> 2025*

***Integration of ODYSSEE-MURE Indicators into  
National Reporting Mechanisms***

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# 1. Energy Statistics and Indicators

## Short-term Energy Indicators

- Present monthly data on fuel and energy stocks, inputs, and consumption
- Reported monthly by economic entities that produce, consume, or supply
- Measured in tons, m<sup>3</sup>, kWh, Gcal, etc.
- Data are collected according to the **Nomenclature of energy products**, in line with the **International Recommendations on Energy Statistics (UN, 2011)**

## Annual Energy Statistics

- Cover indicators on **production, import, export, distribution, and final consumption** of energy resources
- Reflect both **economic activities** and **household consumption**
- Include the **Energy Balance of the Republic of Moldova**
- Compiled in both actual and conventional energy units



Aprovizionare  
Supply



Transformare  
Transformation



Consum final  
Final Consumption

bilan energetic (anual) / Energy balance (annual)

	Total	Resurse energetice Energy resources					
		Carbune Coal	Gaz naturală Natural gas	Produse petrolifere Oil products	Biomasă Biomass	Energie electrică Electricity	Energie termică Heat
Producție primară Primary Production	770	-	0	5	700	5	-
Introducere din alte surse From other sources	195	-	-	-	-	195	-
Import Imports	2012	120	825	968	2	97	-
Export Exports	34	0	-	34	0	0	-
Variatie stocurilor Stock changes	4	15	-1	-8	-2	-	-
<b>Consumul brut Gross consumption</b>	<b>2839</b>	<b>105</b>	<b>834</b>	<b>927</b>	<b>704</b>	<b>297</b>	<b>-</b>
Transformare, intrare Transformation, input	411	2	360	24	20	5	-
Producția de energie electrică și termică Production of electricity and heat	305	2	360	10	18	5	-
Transformare, ieșire Transformation, output	226	-	-	14	0	77	245
Producția de energie electrică și termică Production of electricity and heat	222	-	-	-	-	77	245
Energie utilizată pentru alte scopuri Energy sector	17	-	-	-	-	15	2
Pierderi Losses	128	0	40	2	0	37	40
<b>Consum final Final consumption</b>	<b>2718</b>	<b>103</b>	<b>437</b>	<b>925</b>	<b>744</b>	<b>317</b>	<b>303</b>
<b>Consum final energetic Final energy consumption</b>	<b>2671</b>	<b>102</b>	<b>437</b>	<b>888</b>	<b>733</b>	<b>317</b>	<b>303</b>
Industria Industry	217	30	58	18	0	65	46
Transport Transport	724	-	24	702	-	7	-
Sectorul rezidențial (populație) rezidențial Residential	1346	54	250	66	720	141	115
Comerț și servicii publice Com. and public services	207	17	93	3	12	100	47
Agricultură Agriculture	107	1	2	96	1	4	0
Consumat în scopuri neenergetice Non-energy use	48	1	-	26	11	-	-

# Key indicators, 2023



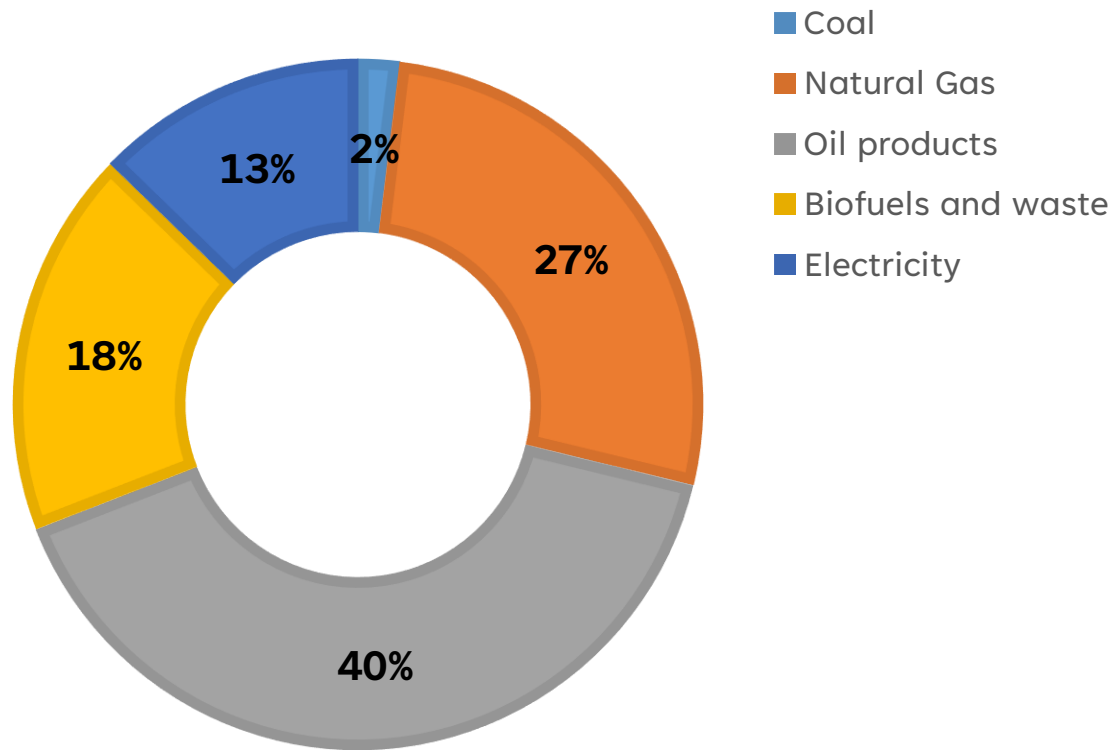
Last update: 06.10.2025



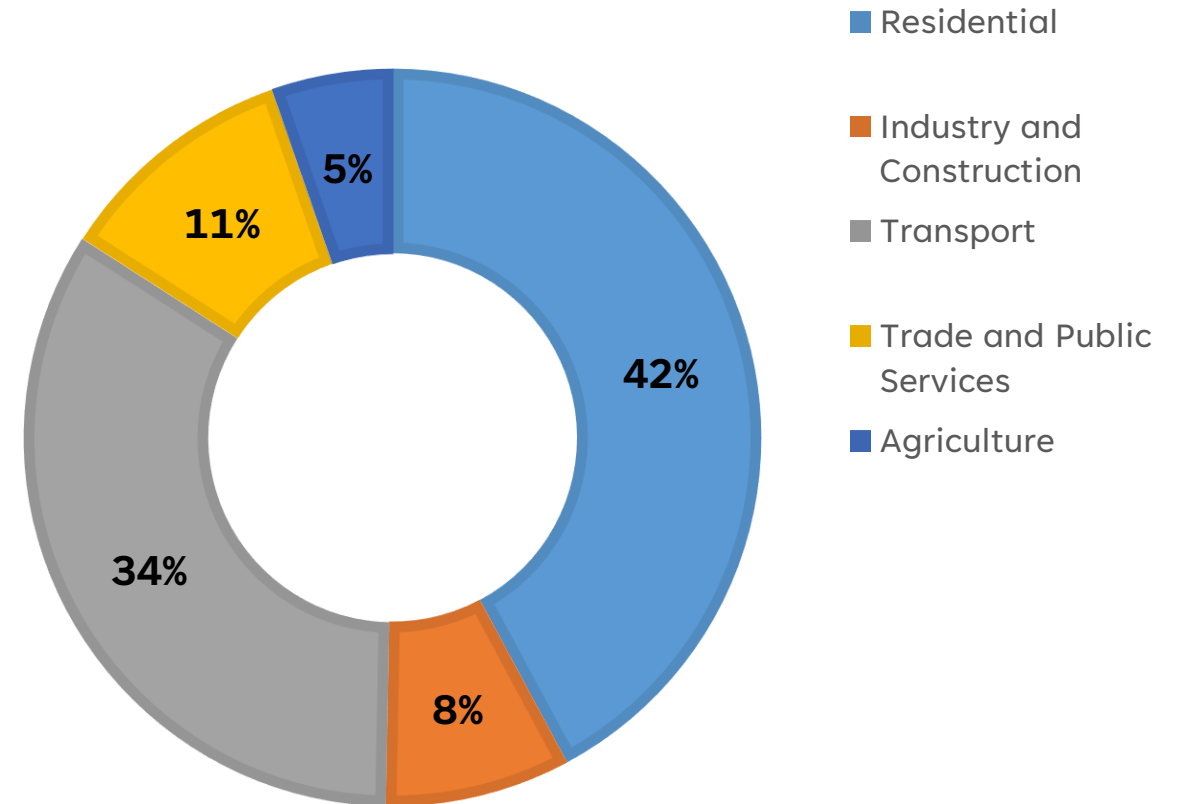
- Gross domestic product – **2632 ktoe**
- Final energy consumption – **2469 ktoe**



- Residential electricity consumption – **1669 million kWh**
  - Electricity production – **1169 million kWh**
  - Electricity distribution – **3945 million kWh**



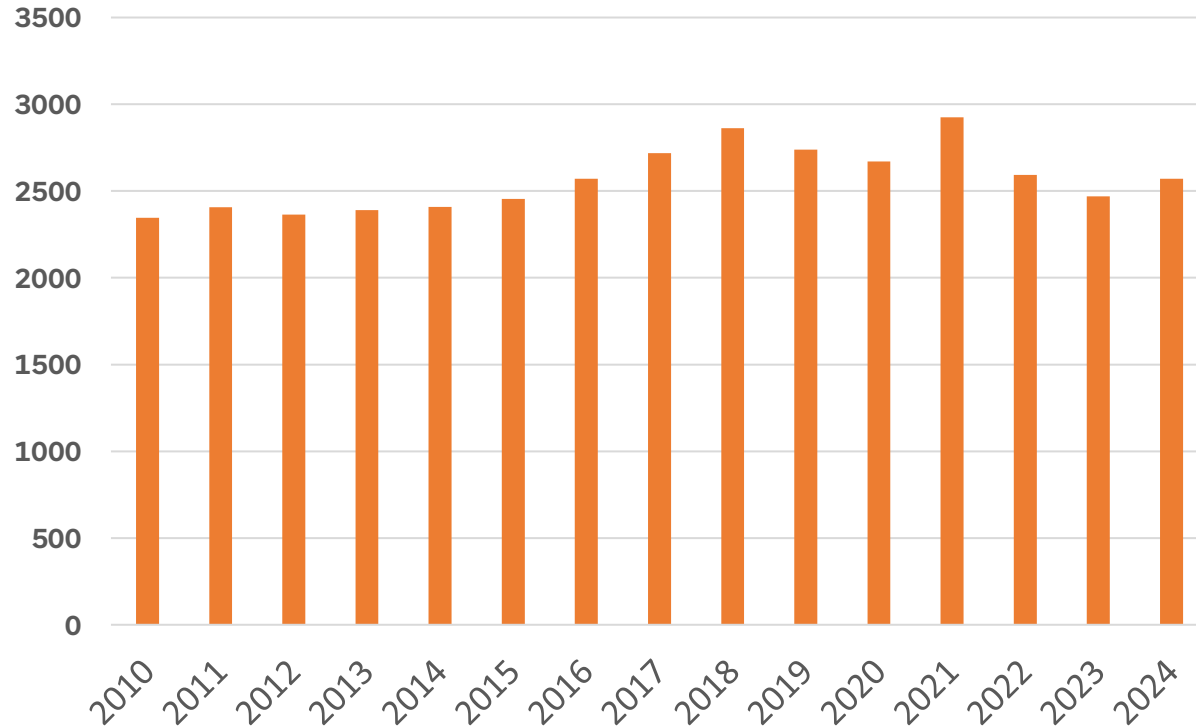
Gross energy consumption, ktoe



Final energy consumption, ktoe

# Energy Consumption Trends

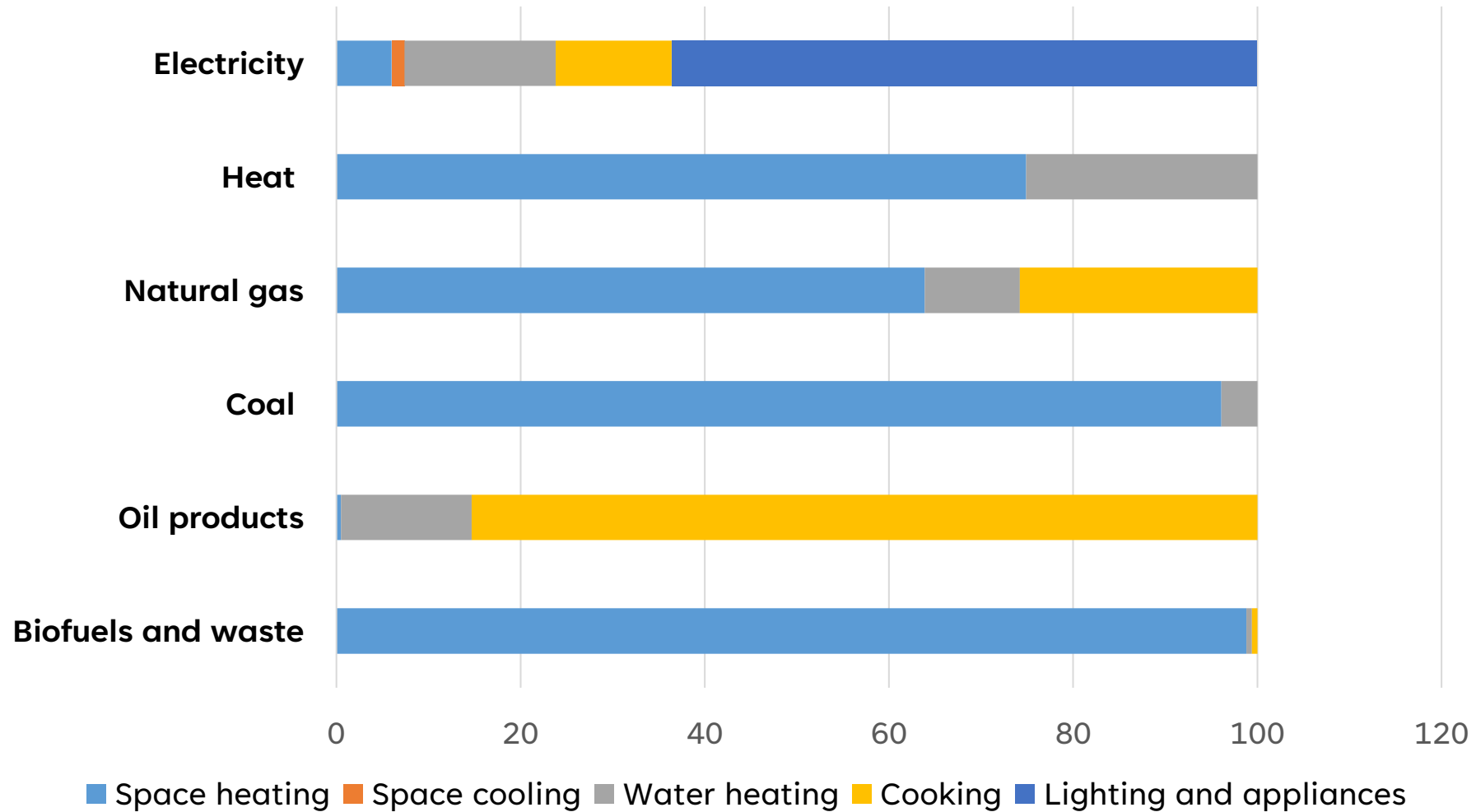
### Final consumption, ktoe



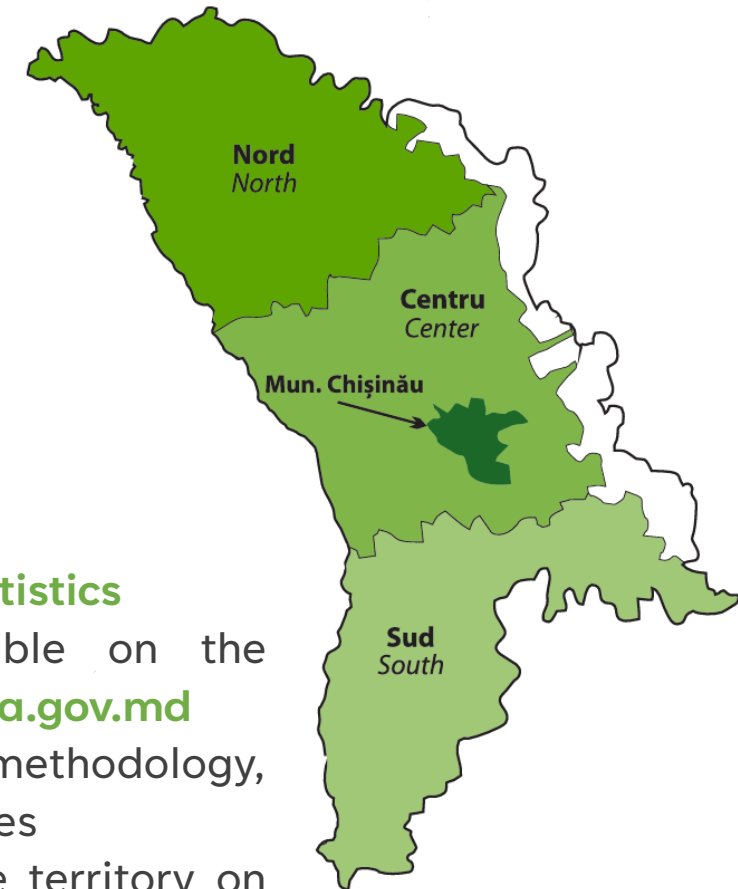
### Electricity consumption, ktoe



# Energy consumption by source and end-use



# Data availability



- **Source:** National Bureau of Statistics
- **Availability:** Publicly accessible on the government website – [statistica.gov.md](http://statistica.gov.md)
- **Documentation:** includes methodology, sample size, and annual updates
- **Limitations:** data excludes the territory on the left side of the river Nistru and mun. Bender

**Institution and coordination issues:** Limited staff capacity at the NBS and other institutions may lead to delays in data updates, making it difficult to accurately capture current trends and impact assessments.

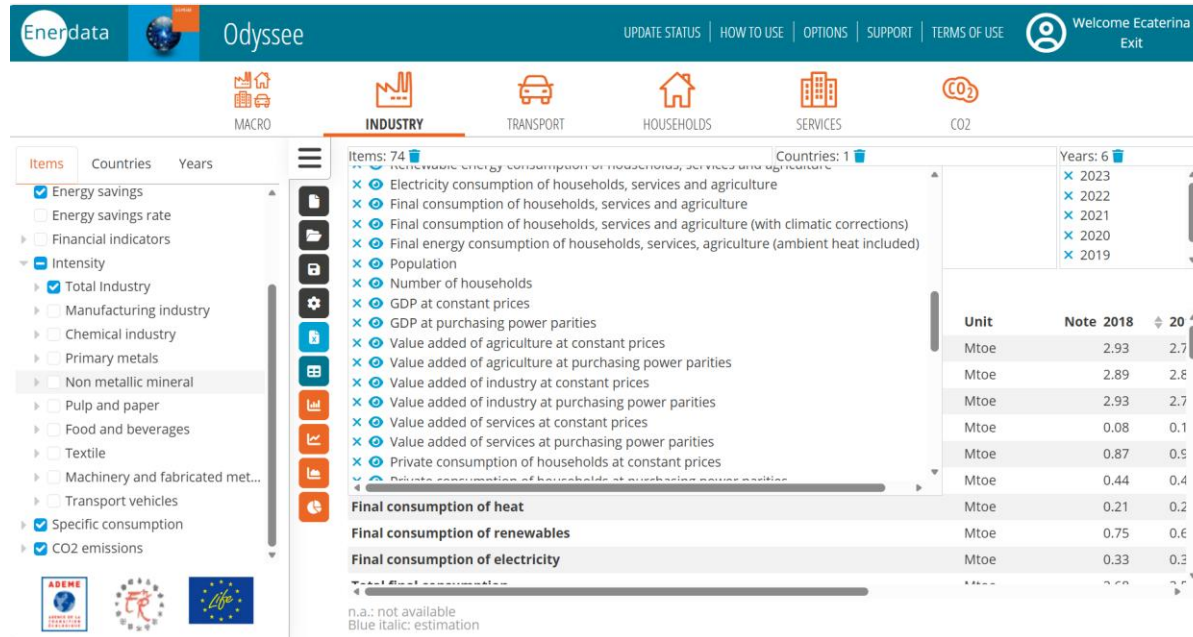
**Data gaps and inconsistencies:** Different institutions (statistical office, energy agency, ministries) may collect data using incompatible methodologies.

**Inconsistency in data sources:** The discrepancy in the inclusion of Transnistria between national statistics, Eurostat, and ENERDATA leads to inconsistencies and highlights the challenge of aligning energy and economic data.

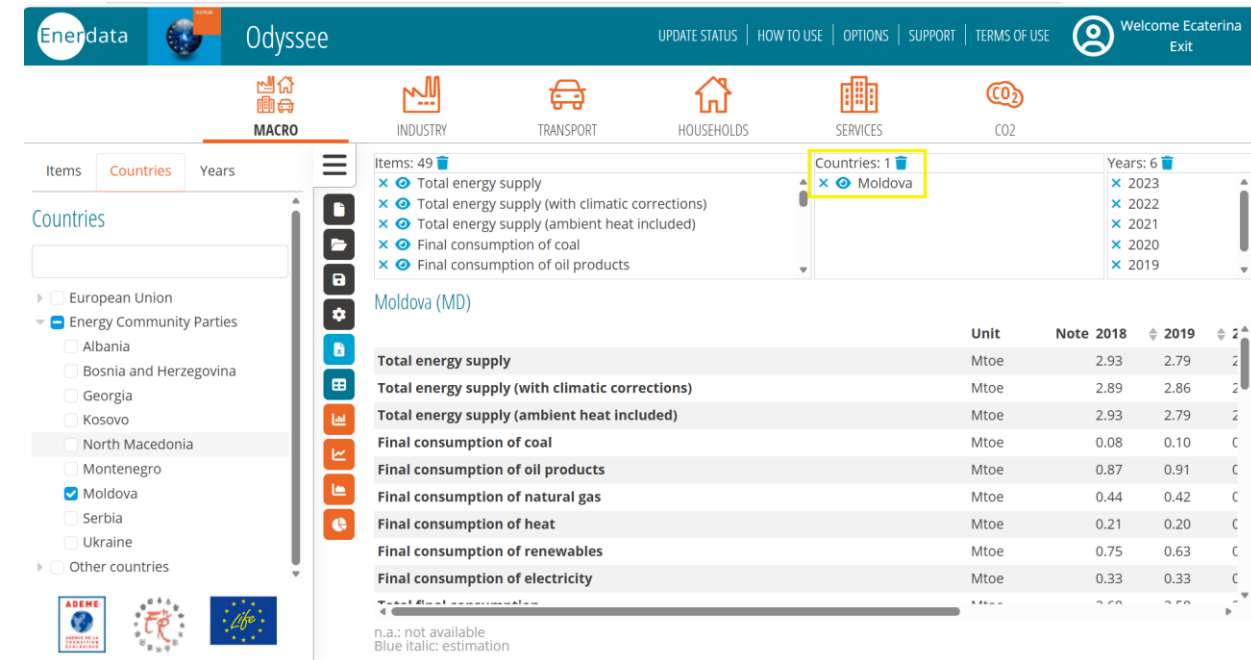
**Incomplete coverage:** Some energy sources, especially renewables, small-scale producers, or informal energy use, may not be fully captured. **Confidentiality issues** hinder access to company-level data.

## **2. Integration of ODYSSEE-MURE Indicators into National Reporting Mechanisms**

# Project Results



<https://odyssee.enerdata.net/database>



- Comprehensive monitoring of **energy consumption** and **efficiency trends**.
- Data on **energy consumption**, **related drivers**, **CO<sub>2</sub> emissions**, and **detailed energy efficiency** and **CO<sub>2</sub> indicators**.

- Data and indicators organized by sectors: **Macro, Industry, Transport, Households, Service**.
- Contains more detailed information than **Country Profiles**.



## MURE DATABASE

Database Radar graph Summary Table

Search ⓘ :

Enter text to search in measures

Sector : ⓘ :

Select...

Countries :

Moldova x

Search

Clear All

More options

more detail

4 measures found

Export

By default only ongoing measures are selected. You can customise the search by clicking on "more options", "measure characterisation", "status".

Country ^	Sector ⇅	Title ⇅
Moldova	Household	Law No. 282/2023 on Energy Performance of Buildings (Legea nr. 282/2023 cu privire la performanța energetică a clădirilor)
Moldova	Household	The Voucher Program for household appliances (Programul de vouchere pentru electrocasnice)
Moldova	Services	Law No. 282/2023 on Energy Performance of Buildings (Legea nr. 282/2023 cu privire la performanța energetică a clădirilor)
Moldova	General cross-cutting	The programme on implementation of the energy efficiency obligation scheme for the period 2024-2026

- **Evaluation of energy efficiency policy measures** by sector for all countries. [Energy Efficiency Policies & Measures Database, Graph and Summary Table](#)

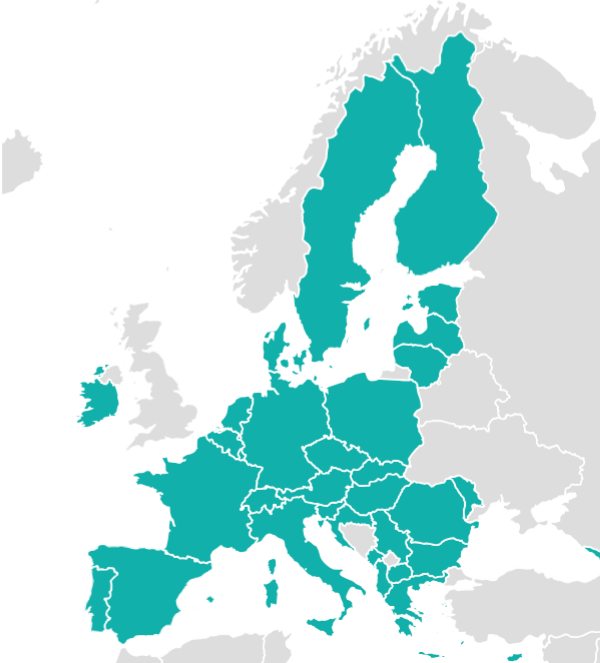
ODYSSEE-MURE Overview Tools Publications Q&A Updates Contact Partners

Home > Publications > Country profiles

## COUNTRY PROFILES

Main energy efficiency trends and policies by country in English and national language

Click to view the profile in english or national languages.  
Countries in grey: No report available.



### EUROPEAN UNION

European Union	English		December 2024
Austria	English		March 2025
Belgium	English		April 2025
Bulgaria	English	Bulgarian	March 2025
Croatia	English	Croatian	March 2025
Cyprus	English	Greek	March 2025
Czechia	English	Czech	March 2025
Denmark	English		March 2025
Estonia	English	Estonian	March 2025
Finland	English	Finnish	March 2025
France	English		March 2025
Germany	English	German	December 2024
Greece	English		March 2025
Hungary	English		March 2025
Ireland	English		March 2025
Italy	English		March 2025

## NON-EU COUNTRIES

Albania	English		March 2025
Georgia	English	Georgian	March 2025
Kosovo	English		June 2025
Moldova	English	Romanian	March 2025
Montenegro	English	Montenegrin	March 2025
North Macedonia	English	Macedonian	March 2025
Serbia	English	Serbian	March 2025
Switzerland	English		March 2025

## Country Profile

<https://www.odyssee-mure.eu/publications/efficiency-trends-policies-profiles/>



At the same time, there are two types of reporting:

1. Report on the implementation of the National Integrated Energy and Climate Plan (NECP) for the previous year, prepared in accordance with **Law No. 139/2018 on energy efficiency**.

- **Annex 7: General framework for annual reports**
- It is a mandatory requirement to include a set of pre-established indicators, without being limited to them.

2. The National Integrated Energy and Climate Report, prepared in compliance with **Law No. 174/2017 on energy and the Regulation on the energy governance mechanism and climate actions, approved by the Government Decision 10/2024**.

- **Government Decision 10/2024**
  - Annexes 4-24
  - Reportnet 3

<https://reportnet.europa.eu/public/dataflow/885>

- a) primary energy consumption;
- b) total final energy consumption;
- c) final energy consumption in the industrial sector, in the transport sector (separately for passenger and freight transport, if the information is available), in the services sector, and in the residential sector;
- d) gross value added in the industrial and services sectors;
- e) total disposable household income;
- f) gross domestic product (GDP);
- g) electricity produced in thermal power plants;
- h) electricity produced in combined heat and power (CHP) plants;
- i) heat produced in heating plants;
- j) heat produced in combined heat and power (CHP) plants, including industrial waste heat;
- k) fuel consumption for heat production;
- l) passenger-kilometres (pkm), if the information is available;
- m) tonne-kilometres (tkm), if the information is available;
- n) combined transport-kilometres (pkm + tkm), if the information referred to in points l) and m) is not available;
- o) population.

Annex XVII (Energy Efficiency)

Annex XVI (Additional reporting obligations in the area of renewable energy)

Annex IV (Progress towards targets - Energy Efficiency)

Annex II (Progress towards targets - Decarbonisation: renewable energy)

## **Upcoming:**

Energy Community: National systems for policies and measures and projections - Annex XXIII

Revenues from Carbon Pricing Mechanism - Annex II [Exercise 2024]

Integrated Policies and Measures (PaMs) (2025)



*Thank you for your attention!*

National Center for Sustainable Energy  
[www.cned.gov.md](http://www.cned.gov.md)

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