



TERMŌELECTRICA · S · A ·

# Heat metering and billing in DH Chişinău, Rep of Moldova

Vitalie Mîța  
Energy Advizer

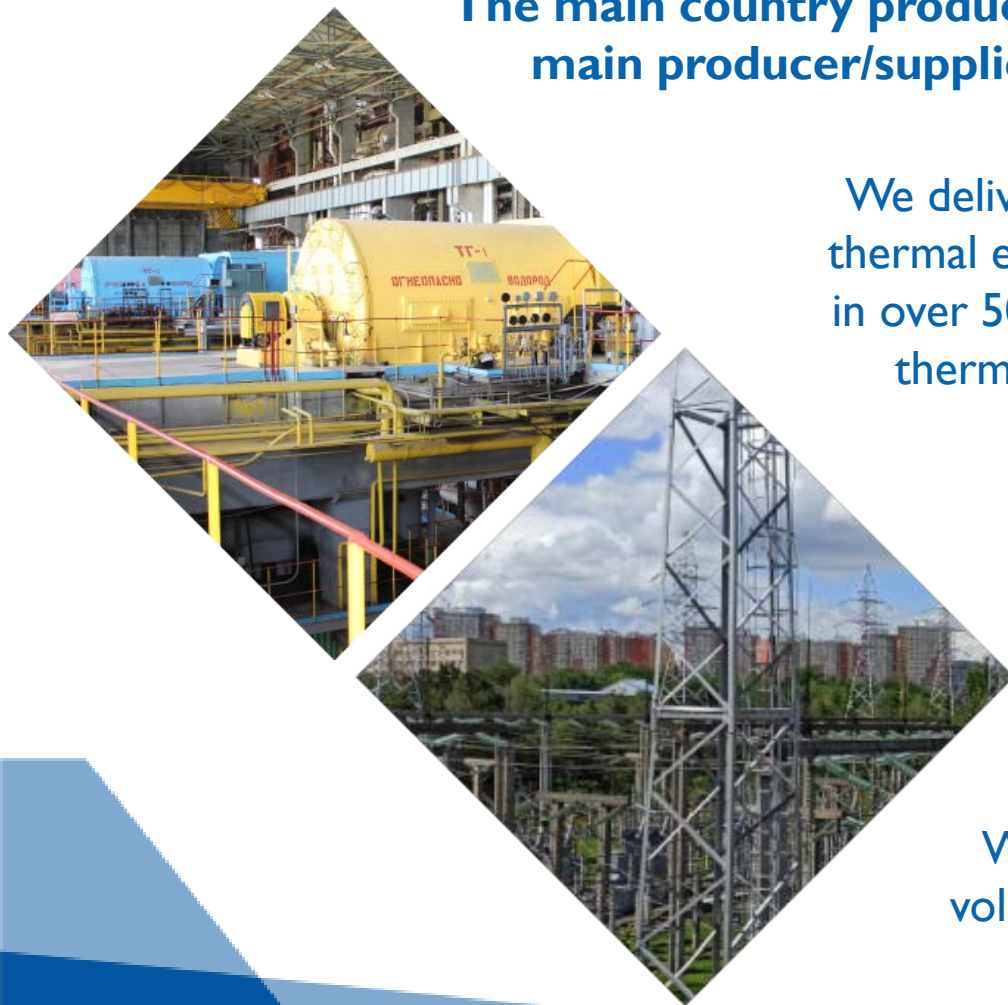
2020

**The main country producer of electricity in cogeneration and main producer/supplier of thermal energy in Chisinau.**

We deliver annually about 1,300 thousand Gcal of thermal energy for heating and domestic hot water, in over 5000 buildings. About 75% of the delivered thermal energy is produced in cogeneration.

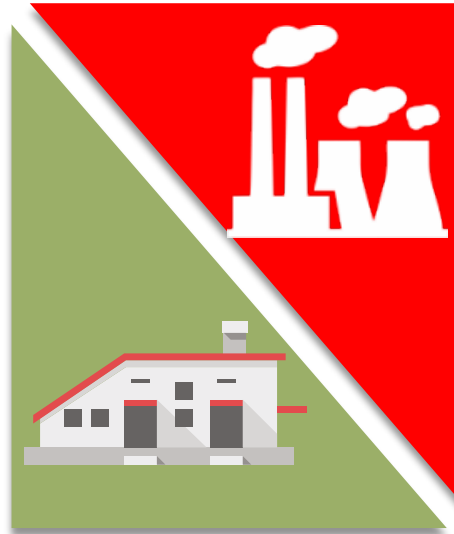
We deliver annually about 650 million kWh of electricity or about 15% of the total consumption of country.

We consume annually about 35% of the total volume of natural gas consumed in the Republic of Moldova



# Infrastructure

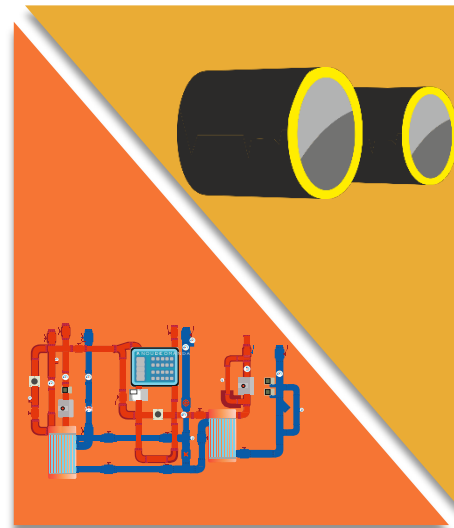
**18 Pumping stations**



- **2 CHP's**
- **2 HOB's**
- **19 remoted HOB's**

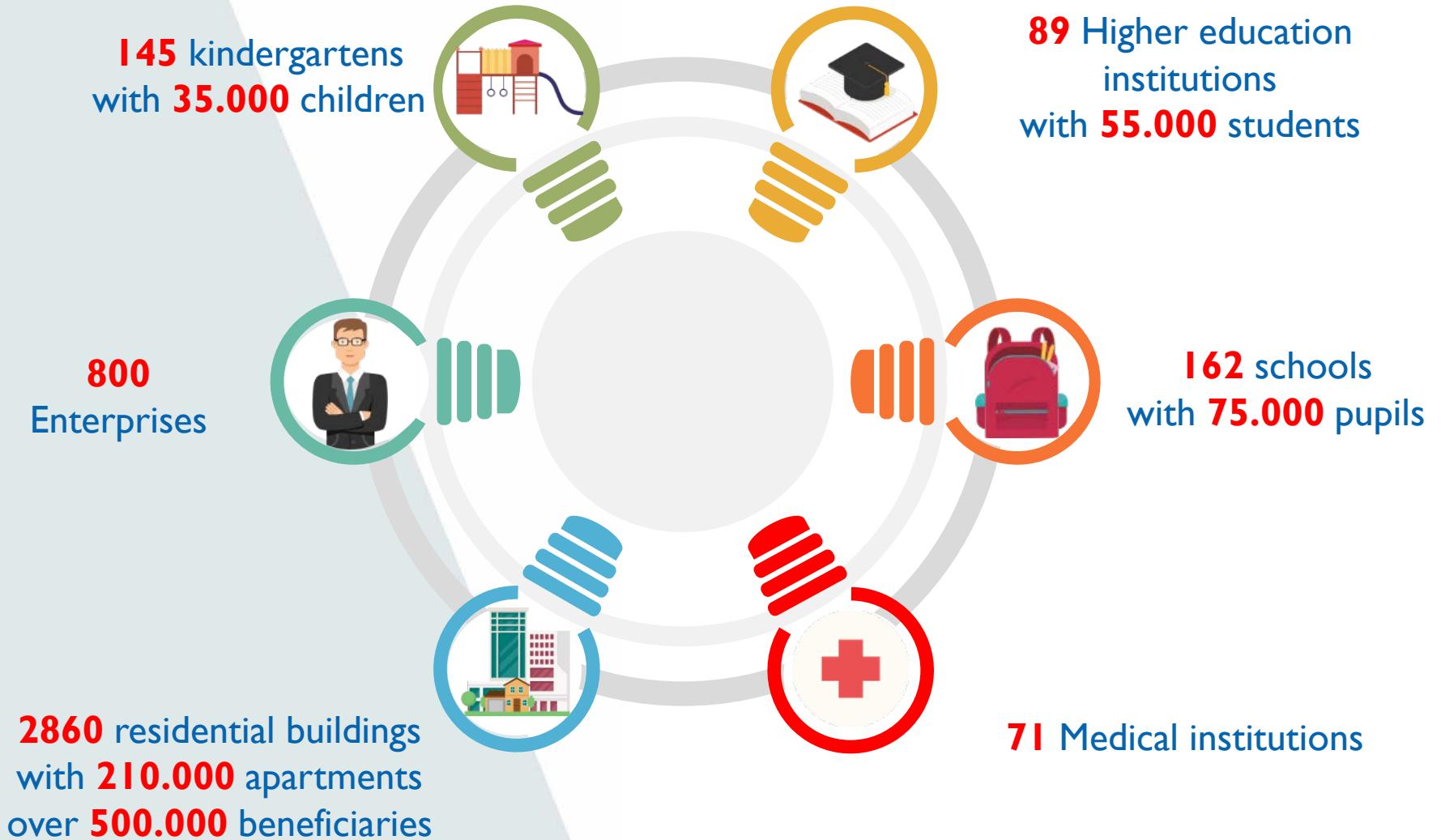
**Over 900 Individual Heating Substations (IHS)**

**and 326 District Heating Substations**



**Over 1300 km of pipes**

# Heat consumers



# Legal frame of heat metering

The acquisition, servicing and legal metrological verification are performed:

- ✓ For **household consumers** – at the expense of the heat delivery enterprise;
- ✓ For **non-household consumers** – at the expense of consumers.

DN	Quantity and dimensions of meters		
	Household consumers (buc.)		Non-household consumers (buc.)
	Connections of residential buildings	Connections of apartments	
15	367	3012	186
20	1750	115	414
25	1404		250
32	2		19
40	610		159
50	149		34
65	43		25
80	1		12
100	0		7
150	0		5
<b>Total</b>	<b>4326</b>	<b>3127</b>	<b>1111</b>
<b>Total thermal energy meters-8564 pcs.</b>			



# Heat metering solution



The connection of the consumers is made by:

- ✓ **DHI** - data on thermal energy consumption are automatically transmitted remotely and are used for billing;
- ✓ **Elevator node** – data on thermal energy consumption are collected by the company's employees and are used for billing.





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1300, 022 447 447



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069-444-144



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TERMŌELECTRICA S.A.  
Str. Tudor Vladimirescu, 6,  
Chișinău, MD-2024  
Republica Moldova