

A RESPONSIBLE COMPANY, A COMPANY OF THE FUTURE!

**INTERIM FINANCIAL STATEMENTS FOR 1Q 2022 (UNAUDITED)** 



**Prepared in accordance with IFRS - UE** 

2022 MAY 19





## **Summary**

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- 2. Statement of individual financial position as of 31.03.2022
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- 4. Main costs drivers
- 5. Statement of consolidated comprehensive income as of 31.03.2022
- 6. Statement of consolidated financial position as of 31.03.2022
- 7. Main business drivers
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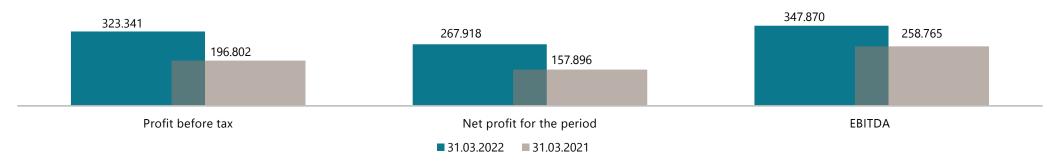
## 1. Statement of individual comprehensive income as of 31.03.2022 (1)



#### **MAIN INDICATORS**

THOUSAND LEI	31.03.2022	31.03.2021		ANGES /1Q2021
			Absolute	Relative
Operational income before the balancing and construction activity according to IFRIC12	457,084	455,789	1,295	0%
Revenue from the balancing activity	316,952	74,253	242,699	327%
Income from the construction activity according to IFRIC12	26,440	158,010	-131,570	-83%
Financial income	154,038	24,024	130,014	541%
Operational costs before the balancing and construction activity according to IFRIC12	213,816	276,002	-62,186	-23%
Expenses with balancing gas	316,952	74,253	242,699	327%
Cost of assets constructed according to IFRIC12	26,440	158,010	-131,570	-83%
Financial expenses	73,965	7,008	66,957	955%
Profit before tax	323,341	196,802	126,539	64%
Profit tax expense	55,423	38,906	16,517	42%
Net profit for the period	267,918	157,896	110,022	70%
EBITDA	347,870	258,765	89,105	34%
Turnover	740,772	507,454	233,318	46%

#### **Thousand Lei**



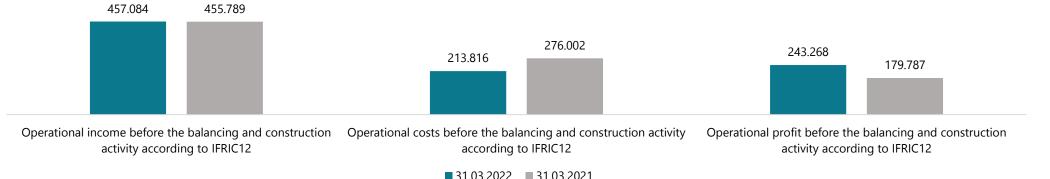
## 1. Statement of individual comprehensive income as of 31.03.2022 (2)



#### **MAIN INDICATORS**

THOUSAND LEI	31.03.2022	31.03.2021	CHANGES 1Q2022/1Q2021	
			Absolute	Relative
Revenues from domestic gas transmission activity	411,335	421,450	-10,115	-2%
Revenues from international gas transmission activity	11,255	10,342	913	9%
Other revenues	34,494	23,996	10,498	44%
Operational income before the balancing and construction activity according to IFRIC12	457,084	455,789	1,295	0%
Employees costs	97,566	95,116	2,450	3%
Technological consumption, materials and consumables used	46,198	37,752	8,446	22%
Expenses with royalties	1,690	1,727	-37	-2%
Maintenance and transport	6,474	6,297	177	3%
Taxes and other amounts owed to the State	16,017	16,528	-511	-3%
Revenues/ Expenses with provision for risks and expenses	4,668	2,216	2,452	111%
Other operating expenses	-63.399	37.387	Х	X
Depreciation	104,602	78,978	25,624	32%
Operational costs before the balancing and construction activity according to IFRIC12	213,816	276,002	-62,186	-23%
Operational profit before the balancing and construction activity according to IFRIC12	243,268	179,787	63,481	35%





## 2. Statement of individual financial position as of 31.03.2022



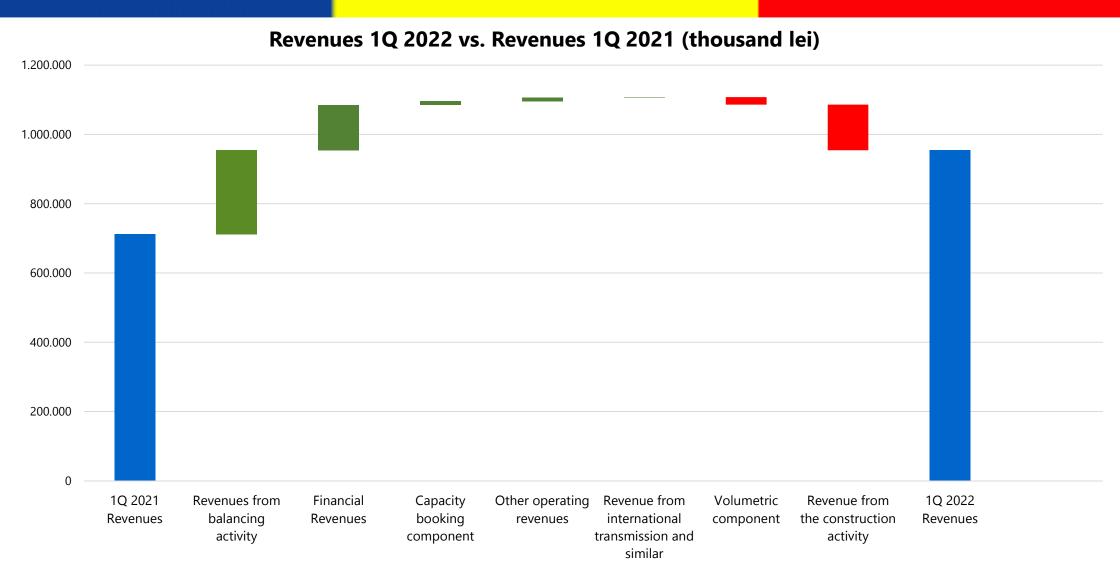
THOUSAND LEI	31.03.2022	31.03.2021	1Q	CHANGES 2022/1Q2021
THOUSAND LEI			Absolute	Relative
FIXED ASSETS	6,507,247	6,557,294	-50,047	-1%
CURRENT ASSETS	1,116,977	1,165,797	-48,820	-4%
TOTAL ASSETS	7,624,224	7,723,090	-98,866	-1%
EQUITY	4,156,945	3,889,027	267,918	7%
LONG TERM DEBTS	2,624,029	2,904,357	-280,328	-10%
CURRENT DEBTS	843,250	929,707	-86,457	-9%
TOTAL DEBTS	3,467,279	3,834,063	-366,784	-10%
TOTAL EQUITY AND DEBTS	7,624,224	7,723,090	-98,866	-1%





## 3. Main revenue drivers (1)





## 3. Main revenue drivers (2)



1Q2022 compared to 1Q2021

Operating revenue before the balancing and construction activity, according to IFRIC12 is similar to the one obtained at 31 March 2021.

#### The revenue was influenced mainly by the following factors:

- revenue from capacity booking higher by Lei 11,401 thousand due to:
- revenue from the auction premium higher by Lei 16,243 thousand following the capacity booking auctions performed according to the CAM-NC by interconnection points. Revenue from the auction premium at 31 March 2021 amounted to Lei 314 thousand, and at 31 March 2022 to Lei 16,557 thousand;
- booked capacity lower by 5.370.928 MWh, with a negative influence of Lei 15,542 thousand;
- capacity booking tariff higher by Lei 0.121 /MWh, with a positive influence of Lei 12,944 thousand;
- capacity surplus revenue lower by Lei 2,243 thousand. Capacity surplus revenue at 31 March 2021 amounted to Lei 24,995 thousand, and at 31 March 2022 to Lei 22,752 thousand;
- commodity revenue lower by Lei 21,517 thousand due to:
  - the commodity transmission tariff lower by Lei 0.35 lei/MWh, with a negative influence of Lei 15,274 thousand;
  - the gas transmitted capacities lower by 4,275,569 MWh/379,594 thousand cm (▼9%), as compared to 31 March 2021, with a negative influence of Lei 6,242 thousand, detailed by categories of consumers as follows:

		3 months 2021	3 months 2022	Differences
Overtity transmitted for direct consumers	MWh	12,444,925	9,715,385	-2,729,540
Quantity transmitted for direct consumers	thousand m <sup>3</sup>	1,070,759	831,980	-238,779
Quantity transmitted for distribution	MWh	35,471,660	33,925,631	-1,546,029
	thousand m <sup>3</sup>	3,311,074	3,170,259	-140,815
Total	MWh	47,916,585	43,641,016	-4,275,569
Total	thousand m <sup>3</sup>	4,381,833	4,002,239	-379,594

The commodity tariffs decreased at 31 March 2022 as compared to 31 March 2021 mainly due to:

- Order 10/2017 of the ANRE President on the amending of Order 32/2014 of ANRE President on the approval of the Gas Transmission Regulated Revenue, Total Revenue and Regulated Tariffs Methodology, which establishes the increasing by 5% per year of the percentage by which the approved revenue is recovered by the application of the application of the commodity tariff. In gas year 2020-2021 the variable component of the total revenue at the basis of the commodity tariffs is 20% of the total revenue, in gas year 2021-2022 it decreased to 15% of the total revenue;
- at the substantiation of the tariffs for gas years 2020-2021 and 2021-2022, the tax on the monopoly was not recognised by ANRE at the pass-through costs and implicitly at the regulated revenue.

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## 3. Main revenue drivers (3)



#### 1Q2022 compared to 1Q2021

- international gas transmission revenue and similar higher by Lei 913 thousand. According to the Agreement for the termination of the legacy Contract between SNTGN Transgaz SA and GPE, the remaining amounts will be paid over a period of maximum three years and the transmission revenue is regulated according to ANRE Order 41/2019 and ANRE Order 34/2014, based on the points where capacity is booked, the monthly difference being classified as similar income.
- other operating revenue higher by **Lei 10,498 thousand,** mainly due to the recording to revenue of the grants obtained for the financing of the major investment projects following their completion and commissioning, higher by Lei 8,917 thousand.

The revenue from the balancing activity was higher by Lei 242,700 thousand based on the following factors:

- trading price higher by Lei 381.55/MWh, with a positive influence of Lei 252,605 thousand;
- quantity lower by 101,911 MWh with a negative influence of Lei 9,905 thousand;

The revenue from the construction activity lower by **Lei 131,570 thousand**, registered in line with IFRIC 12, according to which revenue and costs related to the construction activity or the improvement of the transmission network, in exchange of which the intangible asset is registered, must be acknowledged in line with IAS 11, Construction Contracts;

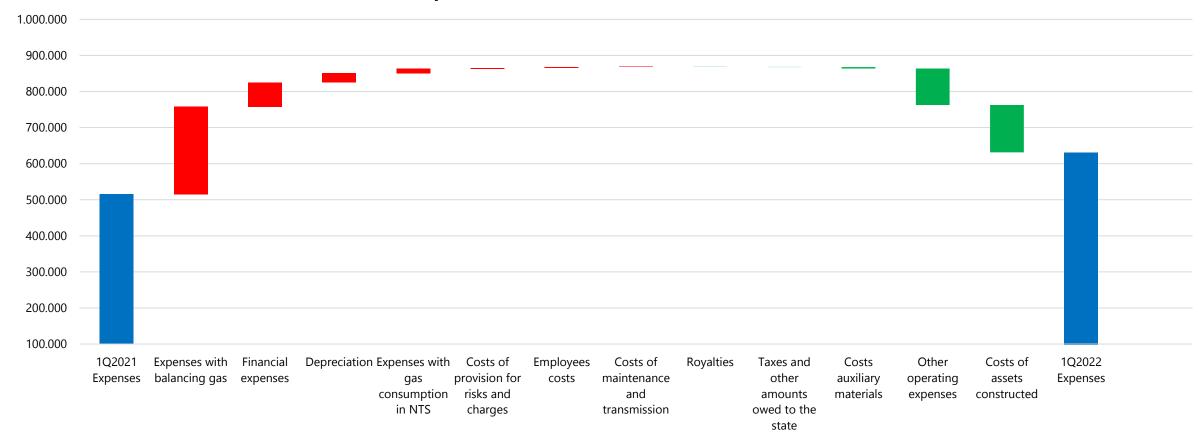
The financial revenue has a positive influence of **Lei 130,014 thousand**, mainly due to the recording of the updating of the regulated assets value with the inflation rate for Q I 2022 (Lei 76,040 thousand at 31 March 2022 as compared to Lei 14,266 thousand at 31 March 2021) and revenue from shareholdings recorded following the reduction of Eurotransgaz's share capital by EUR 13.15 million, amount received by Transgaz in Q I 2022.

	1Q 2021	1Q 2022
Revenues from the domestic transmission activity, due to:	421,450	411,335
- Volumetric component	69,958	48,442
- Capacity booking component	351,492	362,893

## 4. Main costs drivers (1)



#### **Expenses 1Q 2021 vs. 1Q 2020 (mii lei)**



## 4. Main costs drivers(2)



1Q2022 compared to 1Q2021

Operating costs before the balancing and construction activity according to IFRIC12 decreased by 23% as compared to 31 March 2021, which is lower by Lei 62,186 thousand.

#### The company made savings of Lei 105,002 thousand, due to two factors:

- other operating costs: Lei 100,824 thousand, mainly due to the decrease in the impairment of current assets, following the collection of outstanding receivables from Electrocentrale Bucureşti in the amount of Lei 116,337,652.
- cost of auxiliary materials: Lei 4,178 thousand.

#### A surplus amounting to Lei 43,327 thousand was recorded to the following cost elements:

- transmission system gas consumption of Lei 12,624 thousand due to:
  - the average purchase price obtained higher by Lei 25.21 lei/MWh as compared to the one obtained at 31 March 2021, with a negative influence of Lei 7,747 thousand;
  - the quantity of natural gas for NTS gas consumption higher by 45,377 MWh as compared to 31 March 2021, with a negative influence of Lei 4,877 thousand;

		31.03.2022	31.03.2021	Differences
Quantities of natural gas	MWh	307,276	261,899	45,377
consumption in NTS	thousand m <sup>3</sup>	29,087	24,711	4,376

- cost of provision for risks and charges: Lei 2,452 thousand;
- employee costs: Lei 2,450 thousand;
- cost of depreciation: Lei 25,624 thousand, based on the completion and commissioning of the major investment projects;
- costs of maintenance and transport: Lei 178 thousand.

The financial cost is higher by Lei 66,957 thousand mainly based on the cost of financial fixed assets transferred. By BoA Resolution 39/2021 Transgaz approved the reduction of Eurotransgaz's share capital by EUR 13.15 million, amount received by Transgaz in Q I 2022.

Compared to 31 March 2021 the gross profit obtained at 31 March 2022 increased by 64%, which is higher by Lei 126,539 thousand.

## 5. Statement of consolidated comprehensive income as of 31.03.2022



#### **MAIN INDICATORS**

THOUSAND LEI	Consolidated 31.03.2022	Consolidated 31.03.2021		ANGES 2/2021
			Absolute	Relative
Operating revenue before the balancing and construction activity according to IFRIC12	457,112	456,390	722	0%
Revenue from the balancing activity	316,952	74,253	242,699	327%
Revenue from the construction activity according to IFRIC12	26,440	158,010	-131,570	-83%
Financial revenue	156,886	31,466	125,420	399%
Operating costs before the balancing and construction activity according to IFRIC12	217,550	279,383	-61,833	-22%
Costs from the balancing activity	316,952	74,253	242,699	327%
Cost of assets constructed according to IFRIC12	26,440	158,010	-131,570	-83%
Financial costs	81,713	14,966	66,747	446%
Profit before tax	314,734	193,506	121,228	<b>63</b> %
Income tax	56,376	39,091	17,285	44%
Net profit for the period	258,357	154,416	103,941	67%

The establishment of the company EUROTRANSGAZ SRL on the territory of the Republic of Moldova was approved by Extraordinary General Meeting of the Shareholders Resolution no. 10/12.12.2017 for enabling participation in the privatization procedure of the State Enterprise Vestmoldtransgaz. Transgaz is the sole shareholder of EUROTRANSGAZ SRL. Since 2018, following the procurement of Vestmoldtransgaz SRL of Moldova by Eurotransgaz SRL, Transgaz, as a parent company, prepares consolidated group financial statements.

#### Consolidated companies in the Transgaz group:

•	3 3 .	
		Share (%)
SNTGN Transgaz SA	Parent company	
Eurotransgaz SRL	Company held by SNTGN Transgaz SA	100%
Vestmoldtransgaz SRL	Company held by Eurotransgaz SRL	75%

## 6. Statement of consolidated financial position as of 31.03.2022



THOUSAND LEI	31.03.2022	31.03.2022 31.12.2021		CHANGES 2022/2021		
THOUSAND LEI			Absolute	Relative		
FIXED ASSETS	6,677,043	6,667,476	9,567	0%		
CURRENT ASSETS	1,201,674	1,338,671	-136,997	-10%		
TOTAL ASSETS	7,878,717	8,006,146	-127,429	-2%		
EQUITY	4,129,718	3,874,820	254,898	7%		
NON-CONTROLLING INTERESTS	89,920	93,549	-3,629	-4%		
LONG TERM DEBTS	2,812,644	3,091,747	-279,103	-9%		
CURRENT DEBTS	846,435	946,030	-99,595	-11%		
TOTAL DEBTS	3,659,079	4,037,778	-378,699	-9%		
TOTAL EQUITY AND DEBTS	7,878,717	8,006,146	-127,429	-2%		
7.878.717 8.006.146				Thousand Lei		
	4.129.718	3.874.820	3.659.079 4.037.778	3		
TOTAL ASSETS	EQUI <sup>-</sup> ■ 31.03.2022	TY ■ 31.12.2021	TOTAL DEBTS			

The variation of the consolidated economic and financial indicators at 31 March 2022, compared to the indicators obtained in the similar period of 2021 is mainly determined by the variation of the individual economic-financial indicators recorded by SNTGN Transgaz SA at 31 March 2022 compared to the indicators obtained in the similar period of 2021.

# 7. Main business drivers (1)



		N	atural gas volu	mes circulated	l (including sto	rage quantitie	s) - mil.cm - ro	lling 12 month	S		
12.876	13.098	13.248	13.541	13.868	13.986	14.160	14.059	14.098	14.056	13.881	13.727
apr.21	mai.21	iun.21	iul.21	aug.21	sep.21	oct.21	nov.21	dec.21	ian.22	feb.22	mar.22
		Na	atural gas cons	umption price	in the transmi	ssion system (l	ei/MWH)				
87,34	87,34	87,34	87,34	87,34	87,34	112,97	87,34	140,18	88,09	87,95	225,48
apr.21	mai.21	iun.21	iul.21	aug.21	sep.21	oct.21	nov.21	dec.21	ian.22	feb.22	mar.22
		The share of t	he natural gas	consumption	in the transmis	sion system in	the total circu	lated gas (rolli	ng 12 months)		
0,57%	0,57%	0,58%	0,56%	0,55%	0,55%	0,53%	0,51%	0,50%	0,52%	0,53%	0,54%
apr.21	mai.21	iun.21	iul.21	aug.21	sep.21	oct.21	nov.21	dec.21	ian.22	feb.22	mar.22

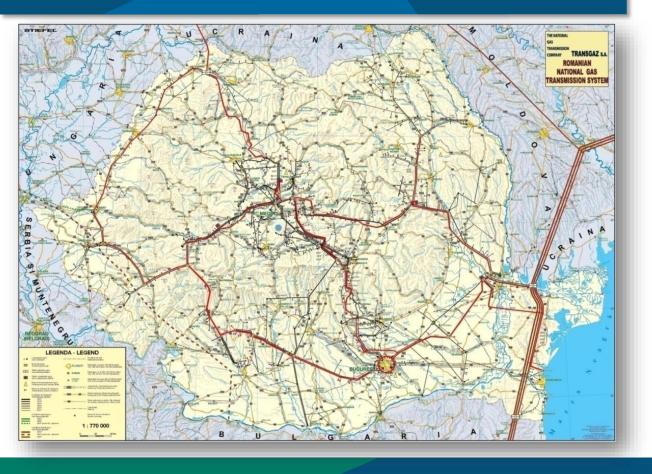
		1Q 2021	1Q 2022
Circulated gas, out of which:	MWh	47.134.887,33	43.169.299,34
	thousand m <sup>3</sup>	4.405.724,98	4.034.144,17
- storage	MWh	33.800,00	629.418,65
	thousand m <sup>3</sup>	2.366,68	78.795,23
Circulated gas storage share		0,07%	1,46%

		1Q 2021	1Q 2022
Natural gas consumption in the transmission system, materials and consumables used, of which:	thousand lei	37.752	46.198
<ul> <li>Natural gas consumption in the transmission system</li> </ul>	thousand lei	28.147	40.771
- Natural gas consumption quantity in the transmission system	MWh	261.899	307.276
■ auxiliary materials	thousand lei	7.442	5.089
<ul><li>other material costs</li></ul>	thousand lei	2.163	338



# MAIN COMPONENTS OF THE NATIONAL NATURAL GAS TRANSMISSION SYSTEM

#### **CURRENT NTS INFRASTRUCTURE**



- □ 14.209,55 km main transmission pipelines and connections for natural gas supply, of which 183,5 km international natural gas transmission pipelines and 482 km the BRUA pipeline;
- ☐ 1.141 natural gas metering stations (1.247 metering directions)
- ☐ 2 gas metering stations for international transmission (Isaccea Tranzit III, Negru Vodă III);
- ☐ 7 imported natural gas metering stations (Giurgiu, Medieșu Aurit, Isaccea I, Isaccea T1, Isaccea T2, Negru Vodă T1, Negru Vodă T2);
- 8 gas compressor stations (Şinca, Onești, Siliștea, Jupa, Podișor, Bibești, Onești M, Gherăești);
- ☐ 1.045 cathodic protection stations (CPS);
- ☐ 58 valve stations/technological nodes;
- ☐ 1.026 odorization stations.

#### **FUTURE NTS INFRASTRUCTURE**

A modernized and competitive natural gas transmission system that ensures a high degree of interconnectivity, flexibility and access to multiple sources of supply.



### **STRATEGIC OBJECTIVES 2021-2025**

As a gas transmission system operator certified according to the Third Energy Package, of July 2010 TRANSGAZ is member of ENTSOG (The European network of *Gas transmission system operators*), organization within which the company cooperates with all European transmission system operators.



By means of the Ten years National Gas Transmission System Development Plan, TRANSGAZ proposes major investment projects, estimated at over EUR 3,4 billion, investments for the strategic and sustainable development of the Romanian gas transmission infrastructure and its compliance with the requirements of the European regulations in the field.

#### Continuity of the activity and ensuring safety and security of gas supply

- Increasing the level of security of the NST and gas supply safety
- Competitive energy markets by creating the necessary technical conditions for the development of the gas market
- **4** The Modernization of the Corporate Governance System

#### Increasing the COMPETITIVITY of the company

- Development and modernization of all of the operational processes
- Increasing energy efficiency and reduction in the negative impact of the technological processes upon the environment

Increasing the SUSTAIBANLE DEVELOPMENT of the company by increasing the human, organizational and human resources and the alignment with the relevant European regulations for the activity of the company and ensuring sustainability.

- Optimization of the human resources management process
- Alignment to the relevant European regulations for the activity of the company and ensuring sustainability

#### Maintaining financial balance and operational stability

 Maintaining financial balance and operational stability trough ensuring financial, economic and social performances



### **STRATEGIC OBJECTIVES 2021-2025**

SNTGN Transgaz SA, as operator of the National Gas Transmission System (NTS), is interested in the potential of integrating hydrogen from renewable and low-carbon sources into the natural gas transmission system, in order to comply with the provisions of the European directives in force and the European Green Deal.

The company's overall objectives in this area for the period 2021 to 2025 are as follows:

- Development of the research work on the possibility of accepting hydrogen mix in the NTS and ways of introducing it into the NTS;
- Implement a strategy to upgrade and adapt the existing natural gas transmission infrastructure for the use of hydrogen and other green gases with a view to decarbonization.

Transgaz is running a PILOT PROJECT for the use of natural gas mixture with hydrogen and the study of influences on materials, metering systems and combustion equipment (abbreviated as "ROHYD")

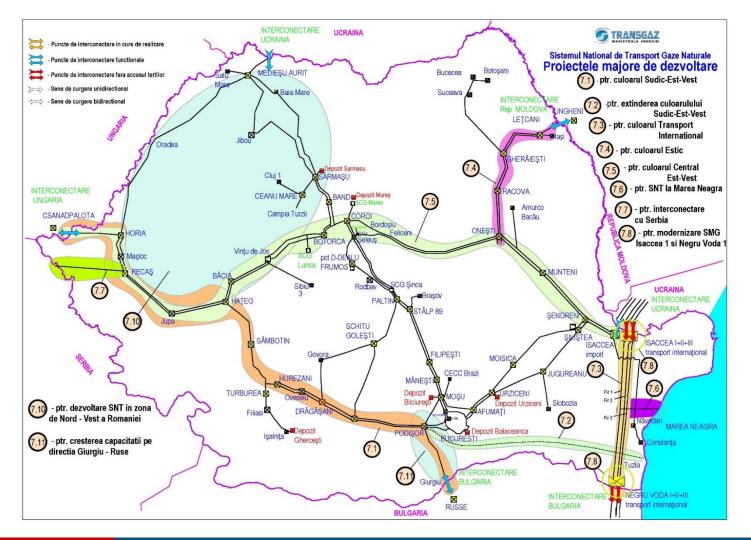
The study aims to determine the implications of transporting the methane-hydrogen mixture on the National Transmission System. The objective of the project is to assess the effect of the gas mixture on the behavior, under normal operating conditions, of the main equipment and technical solutions used in the NTS.

At the same time, the pilot plant can determine the impact of H2 gas mixtures on a gas distribution network up to the final consumer, including the reduction of greenhouse gas emissions by burning natural gas blended with hydrogen.



# **STRATEGIC INVESTMENT PROGRAM 2022-2031** currently available for consultation on www.transgaz.ro

#### **MAJOR PROJECTS**



~ 3,4 BILLION EURO



# **MAJOR DEVELOPMENT PROJECTS 2022-2031 (I)**

Project no	Project	Estimated value mil. Euro	Completion date	Project importance	Project status
1	Development on Romania's territory of the National Gas Transmission System on the Bulgaria - Romania - Hungary – Austria Corridor (Phase II)	74.5	2024	Ensuring a natural gas transmission capacity to Hungary of 4.4 bcm/y and 1.5 bcm/y to Bulgaria. The project importance at European Union level is reflected by the nomination of the "Gas pipeline from Bulgaria to Austria via Romania and Hungary" project both on the first and on the second and the third list of common interest projects.	A non FID
2	Development on Romania's territory of the Southern Transmission Corridor for taking over the natural gas from the Black Sea coast	371.6	2024	Taking-over the natural gas to be produced in the Black Sea (NTS) for its transmission to the Romanian and European markets is of strategic importance to Transgaz.  The project importance at European Union level is reflected by nominating the Project on the 2nd and 3rd list of common interest projects.	FID is expected to be taken over by concessionaires
3	Developments of the NTS in the North - East area of Romania in order to improve the natural gas supply of the area and to ensure the transmission capacities to the Republic of Moldova	174.25	2021	Ensuring a gas transmission capacity of 1.5 bcm/y at the interconnection point between the Romanian and Moldova Republic gas transmission systems.	COMPLETED
4	Amplification of the bidirectional gas transmission corridor Bulgaria - Romania - Hungary - Austria (BRUA Phase III)	530	2026	Depending on the Black Sea offshore production increase further development of the network is considered, such as: an additional route through the center of Romania and a new interconnection with Hungary.	LA non FID
5	NTS new developments to take-over the gas from the Black Sea coast.	9.14	2021	Creating an additional point for taking over the natural gas from the Black Sea offshore exploitation perimeters.	COMPLETED



# **MAJOR DEVELOPMENT PROJECTS 2022-2031 (II)**

Project no.	Project	Estimated value mil. Euro	Completion date	Project importance	Project status	
6	Romania-Serbia Interconnection	56.21	2024	Establish an interconnection pipeline with Serbia to diversify sources of supply and increase energy security in the region.	A non FID	
7	Development/Upgrading of the gas transmission infrastructure in the North-Western part of Romania	405	2026	Increasing the natural gas transmission capacities in the North-West of Romania to ensure the trends of consumption growth in the region.	LA non FID	
8	Increase in the gas transmission capacity of the interconnection Romania-Bulgaria, in the Giurgiu-Ruse direction	51.8	2027	Improving the natural gas supply of the area.	LA non FID	
9	Eastring-Romania	Phase 1: 1,297 Phase 2: 357	Phase 1: 2027 Phase 2: 2030	EASTRING will be open to well-established sources as well as alternative sources. It will bring gas from new sources from the Caspian / Mediterranean / Black Sea / Middle East regions. At the same time, it will ensure the supply of Southeast Europe from European gas hubs. Total capacity will be available to any carrier or vendor.	LA non FID	
10	Monitoring system, data control and acquisition for the cathodic protection stations related to the National Gas Transmission System	17.7	2026	Provides the ability to set, monitor and operate remotely and accurately the points of interest of the system, eliminates the cost of reading data, avoids situations where due to weather conditions it is not possible to read data and human errors, allow distributed control of locations, operating and maintenance costs, considerably reduces setup time.	LA non FID	
11	Development of the SCADA system for the National Gas Transmission System	5.5	2024	Upgrading the natural gas transmission infrastructure by upgrading hardware and software architecture.	LA non FID	
12	Upgrading GMS Isaccea 2 and Negru Vodă 2 to enable the bidirectional flow on the T2 pipeline	26,65	2024	Creating the possibility of bidirectional flow on the T2 pipeline, part of the Trans-Balkan corridor	LA non FID	
13	Upgrading GMS Isaccea 3 and Negru Vodă 3 to enable the bidirectional flow on the T3 pipeline	26,65	2028	Creating the possibility of bidirectional flow on the T3 pipeline, part of the Trans-Balkan corridor	LA non FID	
14	NTS interconnection to the LNG Terminal located on the Black Sea shore	19,6	2028	Creating transmission capacity to take over gas from the LNG terminal located on the Black Sea shore	LA non FID	
TOTAL		3,422.6 milion Euro				



### **MAJOR DEVELOPMENT PROJECTS 2022-2031 (III)**

The financing modalities considered for the achievement of the key projects for the development of the National Transmission System between 2022 – 2031 from:

- own sources;
- attracted sources.

SNTGN Transgaz SA seeks, to obtain, through sustained efforts, financial support for the financing of investment projects having an impact on the modernization, upgrading and development of the NTS infrastructure in order to obtain a financing mix which provides the lowest cost to finance the development plan.

The value of Transgaz' key FID projects for 2022-2031 is estimated at EUR ~555 million and will be 35% covered from equity, 57% from loans and 8% from grants.

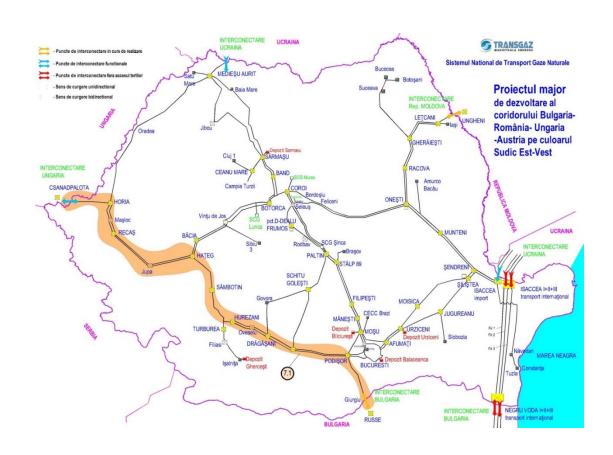
## **THE MAIN DEVELOPMENT PROJECTS 2022-2031 (IV)**

#### **PROJECT BENEFITS**

integration of the natural gas market and interoperability of natural gas transmission systems in the region; the convergence of gas prices in the region; increasing the flexibility of the European gas transmission system by bidirectional interconnections; opening the access of Romania and of the European Union to a new natural gas source - through the interconnection of the BULGARIA -ROMANIA - HUNGARY - AUSTRIA corridor with the Black Sea: increasing competition on the European gas market by diversifying sources, transport routes and companies active in the region; increasing security of gas supply; reducing dependence on Russian natural gas imports; boosting development of renewable energy production in the region (especially wind and solar energy) considering the possibility of using natural gas as a backup option for renewable energies, which leads to a significant increase in the sustainability of the proposed projects.



## Corridor between Bulgaria and Hungary (ROHUAT /BRUA), Phase 1



#### Aim:

 development of the gas transmission capacity between the Romanian and the Bulgarian and Hungarian gas transmission systems

#### **Capacity:**

- 1.75 bcm/y to Hungary
- 1.50 bcm/y to Bulgaria

#### **Necessary investments:**

- 32"x63 bar 479 km pipeline
- 3 compressor stations: Podişor CS, Bibeşti CS and Jupa CS (inaugurated and put into operation in September and October 2019, August 2020)

#### **Estimated total costs:**

478.6 mil. Euro

#### Final investment value:

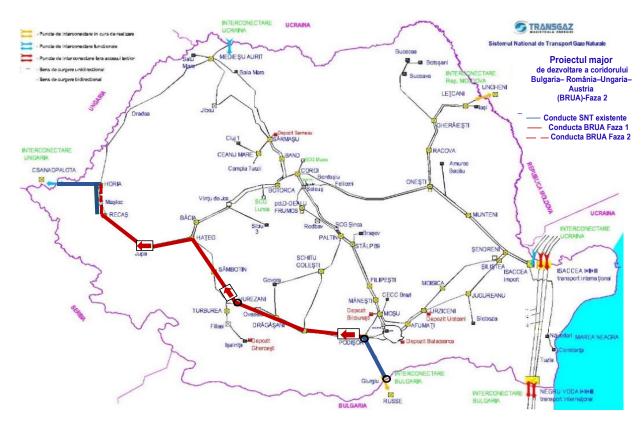
 Euro 387.8 million (value compared to the average Euro exchange rate during the project implementation period)

Final investment decision - 2016

2020 - completed

**Connecting Romania to the neighboring transit** 

## Corridor between Bulgaria and Hungary (ROHUAT / BRUA), PHASE 2



#### Aim:

 The project aims to increase the gas flow to Hungary through the Horia - Csanadpalota interconnector

#### **Capacity increase:**

From1.75 bcm/y to 4.4 bcm/y to Hungary

#### **Necessary investments:**

- 32"x63 bar ~50 km Recaş-Horia pipeline
- increasing the capacity of the three existing compressor stations (Jupa, Bibești, Podișor) by mounting an additional compressors in each station extension of Horia GMS
- SMG Horia amplification

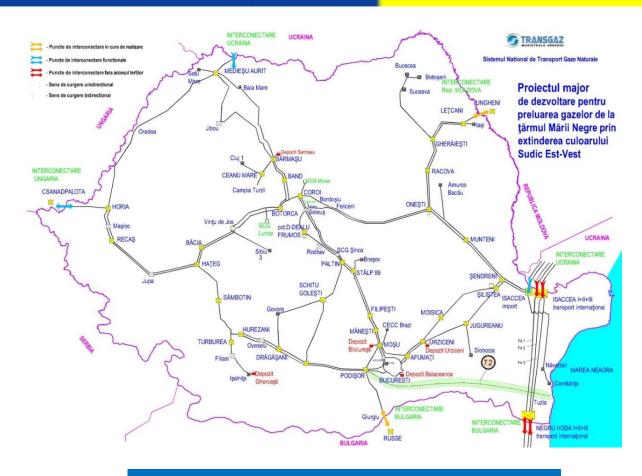
#### **Total estimated costs:**

• 74.5 mil. Euro

**Estimated commissioning 2024** 

Completion of Phase 2 depends on the successful completion of the binding Open Season procedure for the reservation of capacity at IP Csanadpalota and the timetable for this procedure.

# Development on the Romanian territory of the Southern Transmission Corridor for taking over gas from the Black Sea shore



**Estimated commissioning 2024** 

#### Aim:

 create a transmission infrastructure for taking over to be produced in the Black Sea

#### **Necessary investments:**

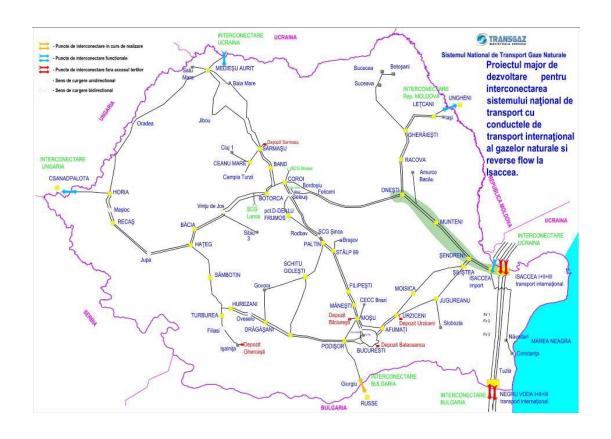
- the Black Sea shore-Amzacea pipeline, 32.5 km, Ø 48" (DN1200)
- the Amzacea-Podișor pipeline, 275.9 km, Ø 40" (DN1000)

#### **Total estimated costs:**

371.6 mil. Euro



# INTERCONNECTION OF THE NTS WITH THE T1 PIPELINE AND REVERSE FLOW AT ISACCEA



#### Aim:

- create a transmission corridor between Bulgaria, Romania and Ukraine
- ensure physical reveres flow at the Negru Vodă 1 point, according to EU Regulation 994/2010

#### **Necessary investments:**

#### Phase1

- rehabilitation of DN 800 Onești Cosmești pipeline
- Isaccea interconnection

#### Phase 2

- upgrading of Siliştea CS, Siliştea TN
- upgrading of Onești CS, Onești TN
- upgrading of Şendreni CS, Şendreni TN

#### **Total costs:**

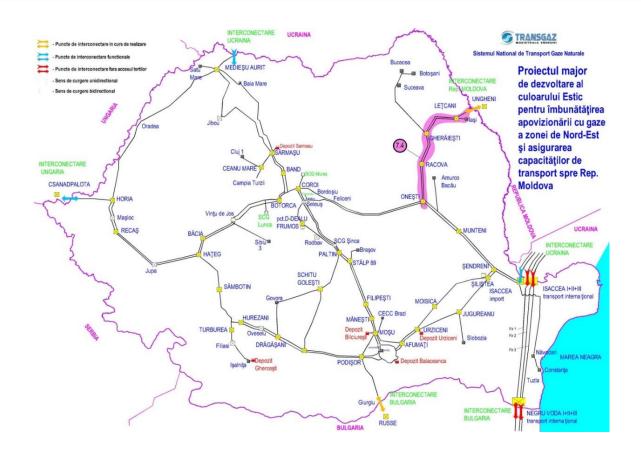
77.7 mil. Euro

Final investment decision - 2018

2018 - Phase I - COMPLETED 2020 - Phase II - COMPLETED



### NTS Developments in the North-Eastern area of Romania



#### Aim:

- enhancing gas supply to North East Romania
- ensuring 1.5 bcm/y transmission capacity at the interconnection point between the transmission systems of Romania and Moldova

#### **Necessary investments:**

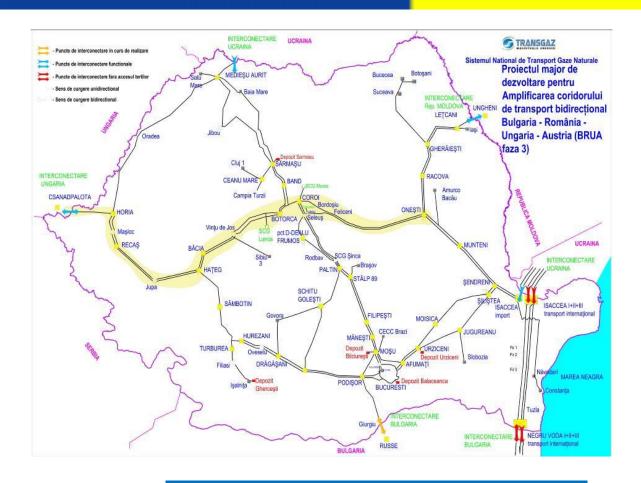
- construction of a DN 700 x 104.1 km pipeline, in the Gherăești -Leţcani direction
- construction of a DN 700 x 61.05 km pipeline, in the Gherăești -Leţcani direction
- construction of a compressor station at Gherăești of 9.14 MW
- construction of a compressor station at Onești of 9.14 MW

#### **Total estimated costs:**

174.25 mil. Euro

**2021- COMPLETED** 

# Enlargement of the BRUA bidirectional transmission corridor (ROHUAT/BRUA), Phase 3



**Estimated commissioning-2026** 

#### Aim:

 development of gas transmission capacity on the Oneşti
 Coroi - Haţeg - Nădlac corridor depending on the Black Sea or other onshore blocks gas volumes

#### **Necessary investments:**

- rehabilitation of some NTS pipeline sections
- replacement of existing NTS pipelines with new larger diameter and operating pressure pipelines
- Developmet of four or five new gas compressor stations

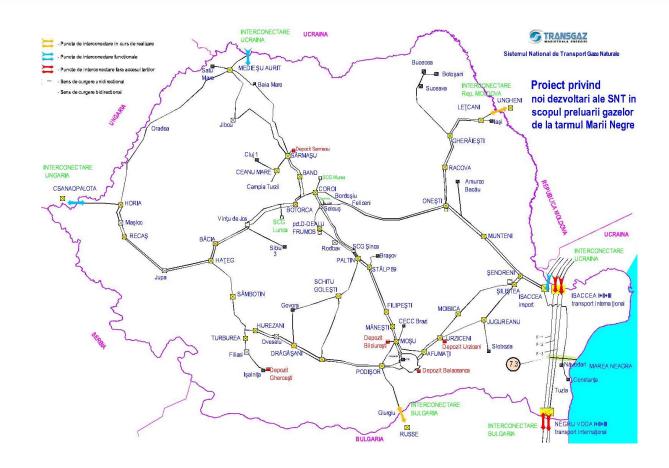
#### **Capacity increase:**

4.4 bcm/y to Hungary

#### **Total estimated costs:**

530 mil. Euro

### **New NTS developments for taking over Black Sea gas**



TRANSGAZ COMPLETED THE INVESTMENT IN 2021

#### Aim:

 creation of an additional point for taking over natural gas discovered in the submarine exploitation blocks of the Black Sea

#### **Necessary investments:**

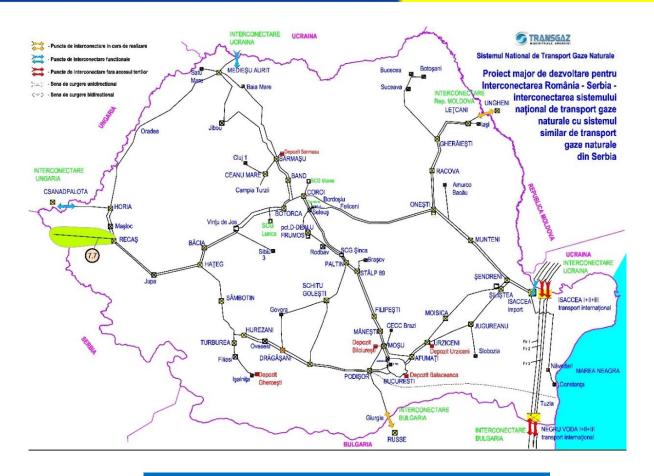
 construction of a 24.37 km DN 500 gas transmission pipeline from the Black Sea shore to the existing T1 international transmission pipeline

#### **Total estimated costs:**

• 9.14 mil. Euro



## NTS interconnection with the gas transmission system in Serbia



#### Aim:

enhancing security of energy supply to the region

#### **Necessary investments:**

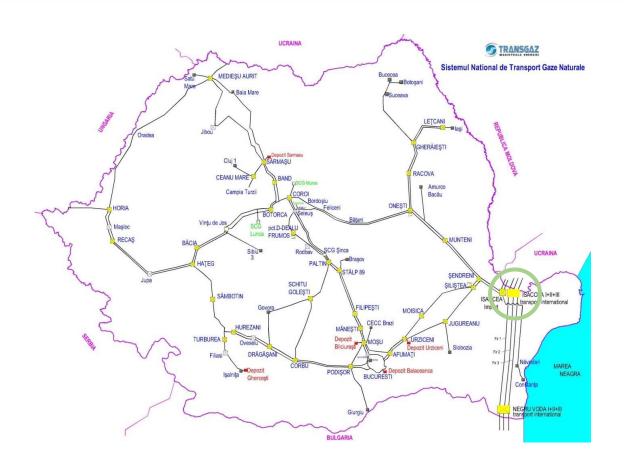
- construction of an approximately 97km long pipeline in the Recaş – Mokrin direction of which about 85 km on the territory of Romania and 12 km on the territory of Serbia, which will be connected to BRUA pipeline
- construction of GMS at Comloşu Mare

#### **Total estimated costs:**

• 56.21 mil. Euro

**Estimated commissioning – 2024** 





#### Aim:

increasing the level of energy security in the region

#### **Necessary investments:**

 construction of a new gas metering station, replacing the existing one.

#### **Total costs:**

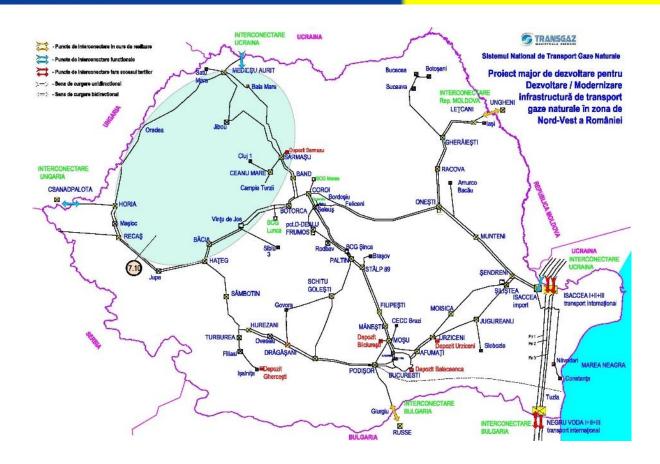
13.88 mil. Euro

**Final Investment Decision – 2018** 

**2020 - COMPLETED** 



# Development/Upgrading of the gas transmission infrastructure in the North-Western part of Romania



**Estimated commissioning - 2026** 

#### Aim:

creation of new gas transmission capacities

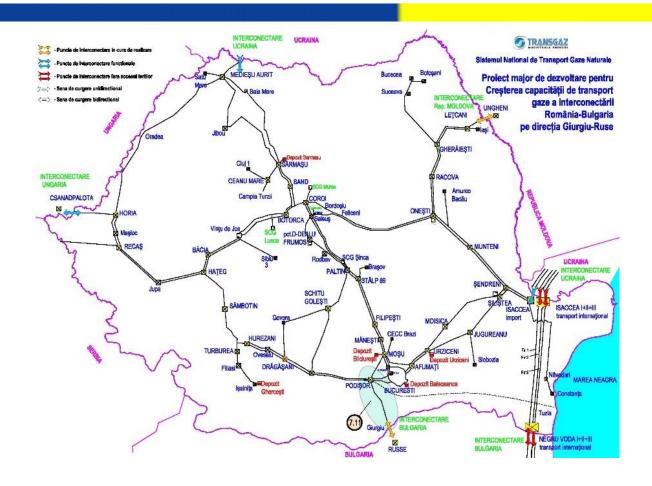
#### **Necessary investments:**

- construction of a pipeline and of the related equipment in the direction Horia-Medieșu Aurit
- construction of a pipeline and of the related equipment in the direction Sărmășel-Medieșu Aurit
- construction of a pipeline and of the related equipment in the direction Huedin-Alesd
- construction of a Gas Compressor Station at Medieșu Aurit

#### **Total estimated costs:**

405 mil. Euro

# Increase in the gas transmission capacity of the interconnection Romania-Bulgaria, in the Giurgiu-Ruse direction



#### Aim:

enhancing security of energy supply to the region

#### **Necessary investments:**

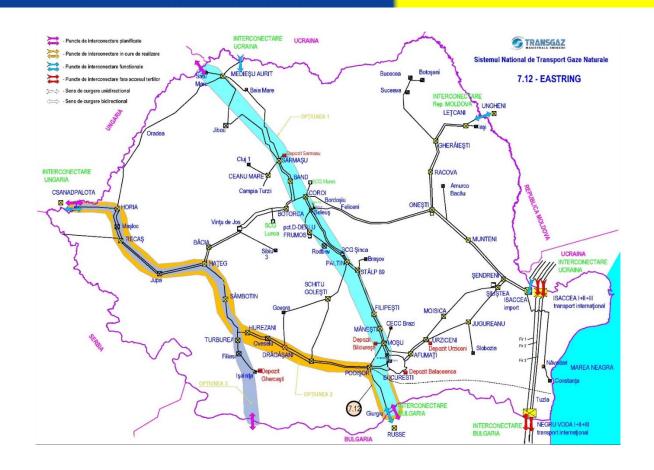
- construction of a new gas transmission pipeline and related facilities
- construction of a new Danube undercrossing
- enhancement of SMG Giurgiu

#### **Total estimated costs:**

51.8 mil. Euro

**Estimated commissioning - 2027** 





#### Aim:

EASTRING will ensure the most cost-reflective and direct transmission route between the gas platforms from the Western European region and the Balkans/Western Turkey. The possibility to diversify transmission routes and gas supply sources will safeguard the regional security of gas supply to the region, mainly in the South-Eastern European countries.

According to the feasibility study, the project will be implemented in two stages as follows:

- Phase 1 Maximum capacity of 20 bcm/y
- Phase 2 Maximum capacity of 40 bcm/y

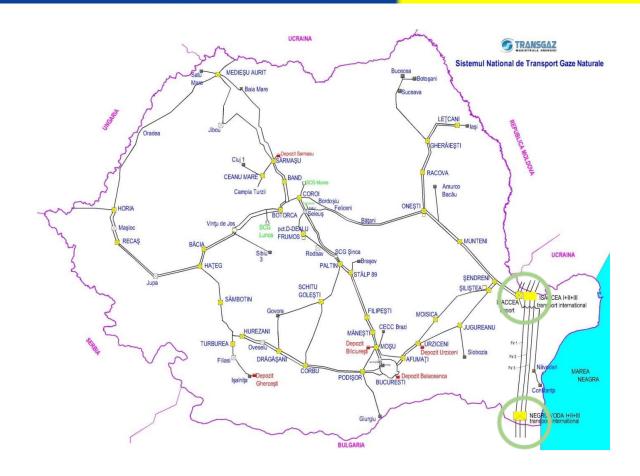
#### **Total estimated costs:**

- Phase 1 1,297 mil. Euro for Romania (2,600 mil. Euro total)
- Phase 2 357 mil. Euro for Romania (739 mil. Euro total)

Estimated commissioning – 2027 - Phase 1 2030 - Phase 2



## **Upgrading GMS Isaccea 2 and GMS Negru Vodă 2**



#### Aim:

 Enabling bidirectional flow on the T2 pipeline, part of the Trans-Balkan corridor

#### **Necessary investments:**

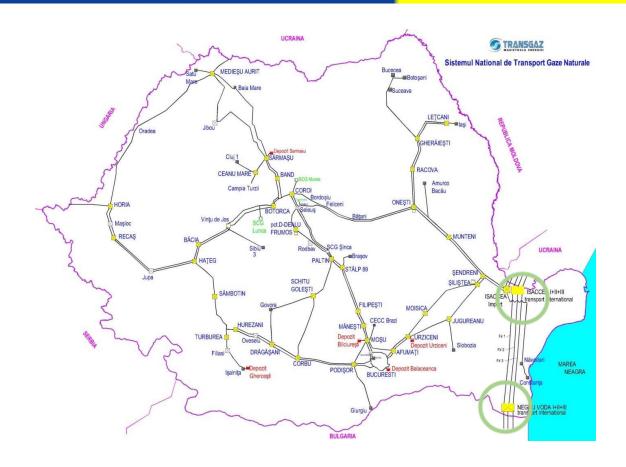
Upgrading n of the existing gas metering stations

#### **Total estimated costs:**

26.65 mil. Euro

**Estimated commissioning - 2024** 

## **Upgrading GMS Isaccea 3 and GMS Negru Vodă 3**



#### Aim:

 Enabling bidirectional flow on the T3 pipeline, part of the Trans-Balkan corridor

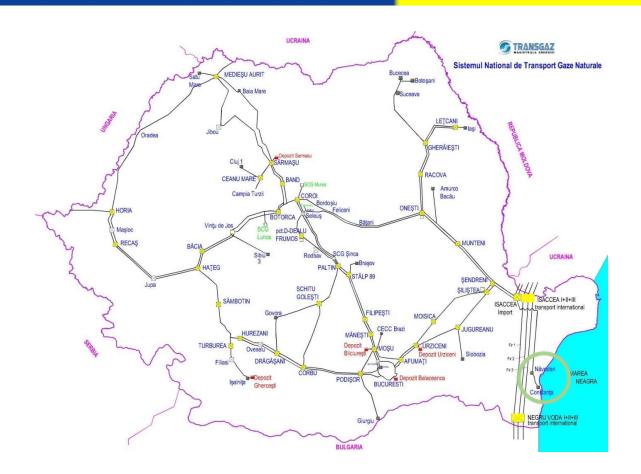
#### **Necessary investments:**

upgrading the existing gas metering stations

#### **Total estimated costs:**

26.65 mil. Euro

**Estimated commissioning - 2028** 



**Estimated commissioning - 2028** 

#### Aim:

taking over natural gas from the Black Sea shore

#### **Necessary investments:**

achievement of an interconnection of the national natural gas transmission system at the LNG terminal by building a natural gas transmission pipeline, in a length of about 25 km, from the Black Sea shore to the T1 and T2 pipelines

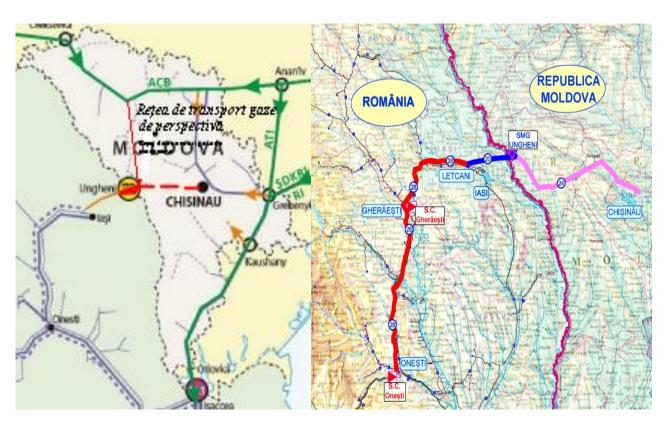
#### **Total estimated costs:**

19.6 mil. Euro



Interconnection between the Gas Transmission System of Romania and the Gas Transmission System of the Republic of Moldova, in the Iaşi – Ungheni – Chişinău direction

#### Iași – Ungheni – Phase I; Ungheni – Chișinău – Phase II



Commissioning/start of operation	2020 - COMPLETED
Completion construction of Ghidighici complex	2020 - COMPLETED

#### Aim:

Increasing interconnectivity between Romania and the Republic of Moldova in terms of gas transmission infrastructure as well as the diversification of the sources and routes for the gas supply to the Republic of Moldova.

#### The project implied the construction of the following facilities:

- 4 metering regulating stations (at Semeni in Ungheni district, Ghidighici, Petricani and Tohatini - Chişinău)
- DN 600 pipeline, 55 bar pressure, 120 km long
- 11 block valves assemblies for the pipeline route
- 2 gas distribution pipelines from MRS Tohatini to the Chisinau distribution system, each 3.2 km long
- 1 gas distribution pipeline, average pressure from MRS Ghidighici to the distribution system of Chisinau (at the intersection of Petricani and Balcani Streets), approximately 1.5 km
- one 2.6 km long connection to MRS Ghidighici, DN 300, NP 55 bar
- bidirectional gas metering node at Tohatini to connect the envisaged pipeline Ungheni – Chisinau and the existing Moldavia gas transmission system operated by MOLDOVATRANSGAZ
- an operating complex at Ghidighici where the head office of VESTMOLDTRANSGAZ

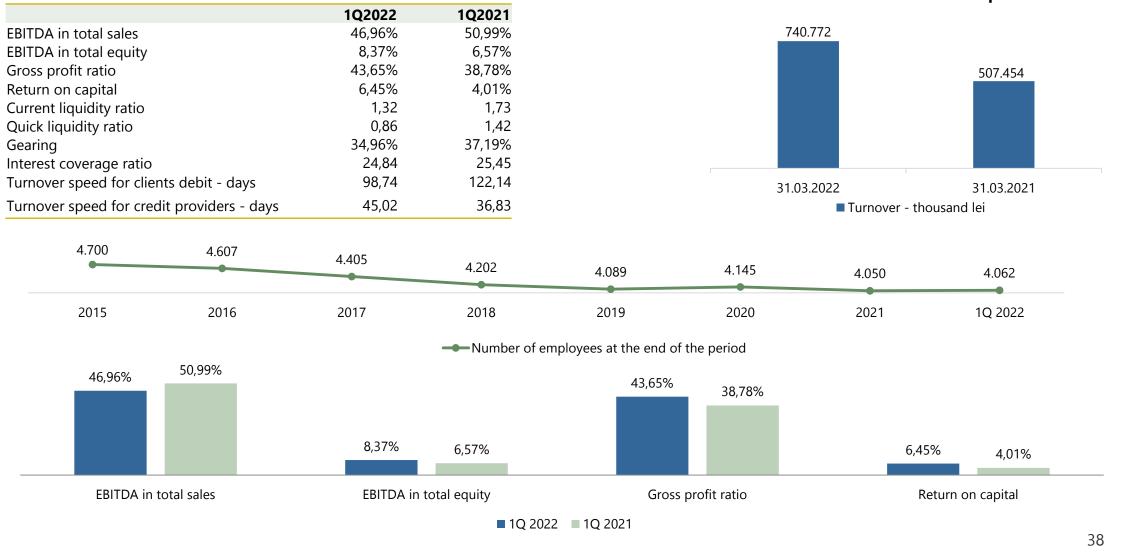
#### **Total estimated costs:**

93 mil. Euro

### 8. Main indicators



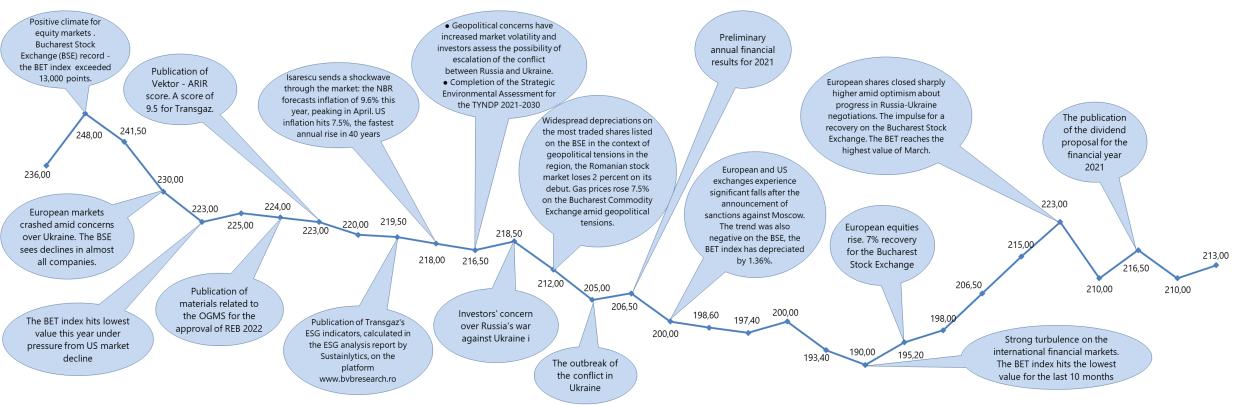
#### 31.03.2022 comparativ cu 31.03.2021



## **Stock Exchange TGN Evolution (1)**



### Main corporate events with an impact upon the share price in 1Q 2022



30.12.2021 04.01.2022 10.01.2022 21.01.2021 25.01.2022 26.01.2022 28.01.2022 31.01.2022 08.02.2022 11.02.2022 18.02.2022 21.02.2022 28.02.2022 07.03.2022 07.03.2022 07.03.2022 07.03.2022 15.03.2022 1

# **Stock Exchange TGN Evolution (2)**

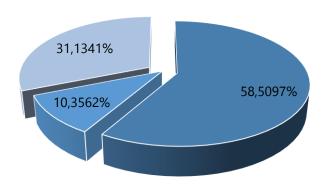




#### **Market Capitalization**



#### **Shareholders structure at 31.03.2022**

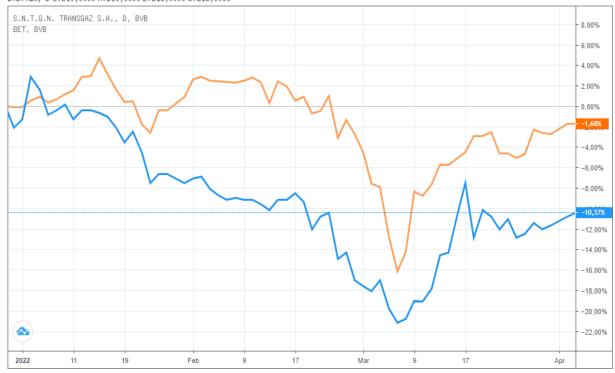


Romanian State through GSG
 Natural Persons
 Legal Persons

# **Stock Exchange TGN Evolution (3)**

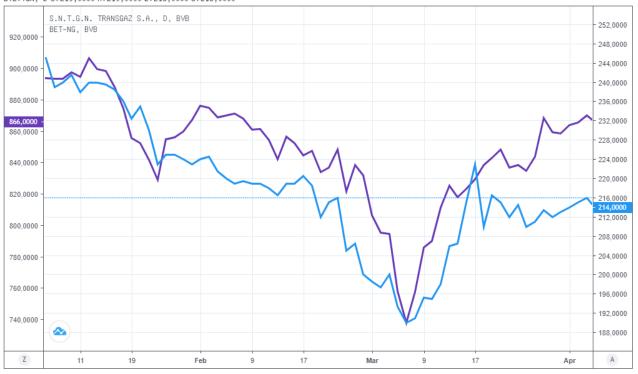


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**17** TradingView

Published on TradingView.com, April 14, 2022 09:09:38 EEST BVB:TGN, D 0:219,0000 H:219,0000 L:215,0000 C:216,0000



**17** TradingView

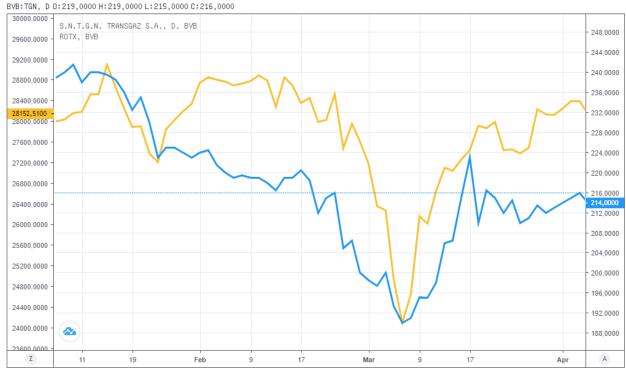
# **Stock Exchange TGN Evolution (4)**



Published on TradingView.com, April 14, 2022 09:05:34 EEST



Published on TradingView.com, April 14, 2022 09:08:01 EEST



**17** TradingView

**17** TradingView



Thank you for your kind attention!