Investment program, facilities and financing sources

thousand RON

Annex 4

		INDICATORS	Date of completion of	previous y	ear 2020			Value	housand RON
			the investment	Approved	Achieved	Current year 2021 Approved according to OGMS Resolution No. 7/06.05.2021	Current year 2021 rectified	Year 2022	Year 2023
0	1	2	3	4	5	6	7	8	9
Ι		INVESTMENT FINANCING SOURCES, of which:		564,910	534,612	688,872	686,101	1,009,098	744,583
	1	Own sources, of which:		564,910	534,612	566,217	563,446	578,096	591,970
		a) - amortization		564,910	534,612	566,217	563,446	578,096	591,970
		b) - profit		-	-	-	-	-	-
	2	Budget subsidies		-	-	-	-	-	-
	3	Bank credits, of which:		-	-	-	-	-	-
		a) - internal		-	-	-	-	-	
		b) external		-	-	_	-	-	-
	4	Other sources, of which:		-	-	122,655	122,655	431,002	152,613
		- Stock exchange listing		-	-	-	-	-	-
		- Carried forward amortization		-	-	122,655	122,655	81,002	112,613
		- SNN own sources		-	-	_	-	350,000	40,000
II		INVESTMENT EXPENSES, of which:		536,088	442,255	652,291	605,099	896,484	639,107
	Α	Ongoing investments, of which:		91,304	74,195	210,364	171,516	308,848	303,943
		a) for goods privately owned by the economic operator:		91,304	74,195	210,364	171,516	308,848	303,943
	1	SNN Head Office:		49,755	44,809	144,274	25,568	-	-
	1.1	Cernavoda NPP (U3-U5), of which	2019	45	-	25,650	25,568	-	-
		- Initial contribution to the share capital of JVCo	2020	45	-		-	-	-
		- EnergoNuclear capitalization	2022	-		25,000	25,000	-	-
		- Studies and analyses of compliance with the requirements of the Nuclear Safety Directive by Project U3 - U4 - CANDU Energy	2022	-	-	200	-	-	
		-Technical assistance services regarding the structuring of the Units 3&4 Project					70		
		- Study to identify the structure, per countries of origin, potential suppliers	2021			450	498		
	1.2	Extension of the life cycle of Unit 1 by re-tubing the reactor and refurbishing the main systems (studies)	2022	49,710	44,809	118,624			-
	1.2.1	Extending the lifetime of Unit 1 by refurbishing the reactor and upgrading the main systems (staff costs)	2022			24,698			
	2	Cernavoda NPP Branch (U1+U2):		41,477	29,329	66,079	145,949	308,720	303,943
	2.0	Extension of the life cycle of Unit 1 by re-tubing the reactor and refurbishing the main systems (studies)	2022				97,832	59,685	
	2.0.1	Extending the lifetime of Unit 1 by refurbishing the reactor and upgrading the main systems (staff costs)	2022				21,013		
	2.1	Intermediate Dry Storage Spent Fuel Facility (DICA)	2047	10,053	8,313	16,836	15,611	17,452	17,201
	2.1.1	Construction works for modules M10 and M11	t t	3,065	2,356	,	-	-	-
	2.1.2	Construction works for modules M12-17	t t	5,500	5,756	13,000	13,000	12,000	12,000
	2.1.3	Purchase of lower and upper baskets and rings - DICA	1	-	-	3,826	2,601	5,050	5,050
	2.1.4	DICA - physical protection for M9, M10, M11		1,146	-		-	-	-
	2.1.5	DICA - physical protection for M9, M10, M11		323	-		_	-	-

	INDICATORS	Date of completion of	previous	year 2020			Value	
		the investment	Approved	Achieved	Current year 2021 Approved according to OGMS Resolution No. 7/06.05.2021	Current year 2021 rectified	Year 2022	Year 2023
2.1.6	Design services for the extension of the technical physical protection system and reconfiguration of the alarm processing equipment and firmware update, control software and configuration of the parameters of the alarm detection elements and commissioning of the physical protection system related to the burnt fuel storage modules 9 - 17 DICA		-	-		-	387	131
2.1.7	Design services related to the extension of the DICA site with three strings of modules U1-35370-SPSI-009		-	187		-	-	
2.1.8	Charges		19	15	10	10	15	20
2.2	Modernization and expansion of physical security system	2024	8,511	4,333	2,303	2,289	-	9,545
2.2.1	Works with priority 2, stage 1 of the completion of the SPF of Cernavoda NPP identified in the document "Study on maintaining the operation of critical installations within the vital structures"		8,411	4,333	2,303	2,289	-	
2.2.2	Design, supply, installation and commissioning works of the uninterruptible power supply (UPS) system for the power supply of the Physical Protection systems related to the Physical Protection Secondary Control Room		100	-		0	-	
2.2.3	Physical protection works related to the installation in the turbine building U#5 of the facilities necessary for the operation of U#1 and U#2							8,045
2.2.4	Works with priority 2, stage 2 of the completion of the SPF of Cernavoda NPP identified in the document "Study on maintaining the operation of critical installations within the vital structures"							1,500
2.3	D2O Tritium removal installation	2025	3,000	207	15,776	15,872	181,083	163,161
2.3.1	D2O debris plant - staff costs	2025	- ,		3,045	4,162	- ,	
2.4	Emergency control alternative center U1+U2	2024	128	0		0	1,708	5,241
2.5	Increasing the safety in the operation of the power discharge system of Cernavoda NPP, by refurbishing the power discharge transformers and providing a spare trafo for two units	2023	2,194	2,891		-	31,122	
2.5.1	Refurbishing services for the power discharge transformers in units 1 and 2 of Cernavoda NPP, CS4		1,155	1,041		0	31,122	
2.5.2	Materials, remaining payment from refurbishment phases 2-5, completed in 2019			839		0	-	
2.5.3	Removal from site and replacement of refurbished trafo, CS5		1,039	1,010		0	-	
2.6	Improving the response of Cernavoda NPP, i.e. of the nuclear security functions in case of events outside the projection bases due to the nuclear accident occurred at the nuclear plant Fukushima 1, Japan (U5 fitting)	2022	-	18	17,372	1,086	9,823	104,036
2.7	Improving the response of Cernavoda NPP, i.e. of the nuclear security functions in case of events outside the projection bases due to the nuclear accident occurred at the nuclear plant Fukushima 1, Japan (implementation of MPA EC 1094, MPA EC 1192, MPA EC 3037, MPA EC 2892 etc.)	2023	1,486	85	565	565	2,778	1,093
2.7.1	Implementation of MPA EC 1094 - Door and penetration sealing according to the requirements resulting from nuclear security analysis (MPA EC 1094)-C1, C3, C4, C5		-	-		0	647	647
2.7.2	Implementation of MPA EC 3037 - Installation of a watertight door in the C/R side of the staff lock enclosure to prevent flooding of the staff lock in the event of a severe U1/U2 accident		-	-		0	831	20

	INDICATORS	Date of completion of	previous y	ear 2020			Value	
		the investment	Approved	Achieved	Current year 2021 Approved according to OGMS Resolution No. 7/06.05.2021	Current year 2021 rectified	Year 2022	Year 2023
2.7.3	Implementation of MPA EC 1192 - Changing the configuration of the 0.4 and 6KV distribution system of 1/2-52900-DG1/2 for the connection of mobile DIESEL groups in case of a SBO event		127	-		0	-	120
2.7.4	Implementation of MPA EC 2892 - Replacement of pressure transducers 1.2 63312-PT13 at PT16 and 1-63332-PT35N at PT38N above the flooding level in the event of a severe accident		1,359	85	565	565	1,300	300
2.8	Fitting of the land owned by the NPP and relocating the necessary buildings for the proper operation of the Seiru warehouses on the territory of Cernavoda NPP	2021	2,871	3,745	1,828	986	886	
2.8.1	Fitting of the land owned by the NPP and relocating the necessary buildings for the proper operation of the Seiru warehouses on the territory of Cernavoda NPP		2,385	3,745	754	347	407	
2.8.2	Services of neutralization/removal of contents and cleaning of underground metal tanks on the site of the construction works of storage halls and auxiliary constructions in the Cernavoda NPP repository		-	0	227	-	227	
2.8.3	Additional works to Works Contract no. 1513/2014 "construction works for warehouse halls and auxiliary buildings in the Cernavoda NPP warehouse"		450	0	812	621	235	
2.8.4	Charges for the site		36	0	35	18	17	
2.9	Replacing the ventilation and air conditioning system related to Pavilion 2	2023	468	0		0	2,040	1,988
2.10	Replacing the ventilation and air conditioning system related to Pavilion 6	2023	1,200	-		0	1,899	1,67
2.11	Software and hardware refurbishing of the full scope simulator	2021	4,728	4,635	5,916	6,193	0	
2.12	Increasing the reliability of SDS#1 by the replacement of ROPT SDS#1 U1 amplifiers and EMI Tusonix filters on the NIM-BIN drawers, with new EMI amplifiers and filters, more reliable, similar to project ROP SDS#1 U2	2021	-	0	1,544	1,544	0	
2.13	Replacement of corroded pipe section in the area of A. Saligny Street.	2021	2,233	969	1,588	1,555	-	
2.14	Periodic Nuclear Safety Review (RPSN) for U1/U2	2022	4,606	3,866	2,352	2,415	245	
2.15	Replacing the control section of the excitation system 2-41280-PL 1615 from Unit 2	2020	-	267	0	-	-	
3	Pitesti NFP Branch:		72	57	10	-	128	
3.1	Integrated computer system for managing the production of nuclear fuel (SIMP)	2023	72	57	10	0	128	
	b) for the goods from the public domain of the state or of the administrative-territorial unit:		-	-		-	-	-
	- (name of objective)		-	-		-	-	-
	 (name of objective)c) for the goods from the private domain of the state or of the administrative-territorial unit:		-	-		-	-	-
	- (name of objective) - (name of objective)		-	-		-	-	
	d) for goods taken in concession, leased or under administration, excluding those from the public or private domain of the state or of the administrative-territorial unit:		-	-		-	-	-
	- (name of objective) - (name of objective)		-	-		-	-	-
В	New investments, of which:		14,484	3,523	40,998	40,338	312,633	147,05
D	a) for goods privately owned by the economic operator:		14,484	3,523			312,633	147,05

	INDICATORS	Date of completion of	previous y	ear 2020			Value	
		the investment	Approved	Achieved	Current year 2021 Approved according to OGMS Resolution No. 7/06.05.2021	Current year 2021 rectified	Year 2022	Year 2023
1	Cernavoda NPP Branch:		5,150	417	24,848	26,258	120,155	132,501
1.1	Modernization works Water treatment Station (STA) stage II phase I	2023	10	-	-	0	0	1,940
1.2	Rehabilitation and fitting of roads, platforms and underground pipelines/decommissioning of the internal railway, of the black oil unloading ramp and of the ABA boiler/Refitting of the land and building holes for unloading CLU from road tankers	2023	-	-	-	-	0	9,900
1.3	Software for the integrated management of the power station - Asset suite 6.0.4 upgrade to version 9.X	2022	-	-	3,920	-	9,555	0
1.4	Purchase of hardware/software platform (minimal architecture)	2021	-	-	7,056	6,987	188	-
1.5	EDMS replacement and integration with AS 9.X	2022	-	-	1,960	-	7,133	0
1.6	Improving the underground water system pumps 1-1531-P01, P02, P03, P05, P06, P07	2023	-	-	-	-	0	780
1.7	Installation works for air dehumidification equipment, with adsorbent wheel, for the ventilation system in the Reactor U1 Building	2023	438	91	-	0	160	1,980
1.8	Refurbishing the fire detection systems installed in NSP-U1 and Pavilion 2	2023	205	-	477	477	120	4,276
1.9	Rehabilitation and modernization of the fire water pumping station - SPAI - SPAI design	2023	-	-	-	0	725	5,719
1.10	GEM noble gas spectrometer for ensuring the monitoring of the gas emissions at U2, similar to the one installed at unit U1	2022	-	-	123	-	121	1,338
1.11	Improving the reliability of the DIESEL generating groups SDG U1	2024	-	-	-	-	0	495
1.12	Increasing the reliability of the EVA 8000 storage system that ensures the centralized storage of the production data of the computer system of Cernavoda NPP by replacing it	2022	4,000	-	5,819	11,297	0	-
1.13	Increasing the reliability of the class II 220Vca distribution system, at U2 by replacing the voltage stabilizers 2-5542-VR1A/1B/1C	2022	-	-	-	0	793	-
1.14	Refurbishing systems GFP U1 and GFP U2. Replacing the computers and spectrometers GFP U1 and U2 because of their obsolescence and the necessity for improving their reliability	2022	95	-	-	0	1,788	-
1.15	Installing an air filtering unit on the fresh air suction line of the air conditioning units 1-7342-ACU3/ACU4 related to the Main Control Room of Unit 1	2023	-	-	-	-	99	-
1.16	Rehabilitation of the cellular component warehouse - Quadricell of DIDSR	2022	-	-	0	0	218	728
1.17	Ensuring the supply of the important consumers at U0 from own sources in order to increase the operating safety in case of losing the supply from SEN	2022	-	-	-	-	367	3,586
1.18	Increasing the production capacity of the primary thermal agent, according to the requests of the local community from Cernavoda, by building at Unit 2 a thermal unit similar to PTU1	2023	-	-	-	-		1,300
1.19	Installing an independent system for monitoring the structures for the manual triggering of the power station in case of a serious earthquake	2022	10	-	-	-	1,199	550
1.20	Improving the performance of the DCC display system by replacing the Ramtek FS2400 graphics system at U1 and VDMC at U2	2023	10	-	4,987	6,981	1,616	-
1.21	Replacing the axle/pump vibration radial displacement measurement panels NSP U1	2022	-	0	-	-	669	-

	INDICATORS	Date of completion of	previous	vear 2020			Value	
		the investment	Approved	Achieved	Current year 2021 Approved according to OGMS Resolution No. 7/06.05.2021	Current year 2021 rectified	Year 2022	Year 2023
1.22	Refurbishing the fire detection and control and the Deluge valve monitoring sections related to the transformers 0-5135-TC01/TC02, 0-5134-T1/T2	2021	-	-	429	236	193	-
1.23	Making a lightning arrester at the light liquid fuel tanks related to CTP	2020	349	326	-	0	-	0
1.24	Fitting the drainable basin for the collection of wastewater related to Pavilion # 10 of Cernavoda NPP	2022	34	-	16	16	292	-
1.25	Modernization of the instrumentation system required in order to perform the test to determine the tire leak rate at U2 of Cernavoda NPP	2021	-	-	-	-		1,936
1.26	Installation of the solar energy to electricity conversion system with photovoltaic panels in the Campus residential area (feasibility study)	2021	_	0	34	25	-	-
1.27	Improving the reliability of the 1-4121-G01 electric generator by replacing the stator coil	2022	-	-	-		92,400	-
1.28	Rehabilitation of office building (former headquarters of SCNM) - Technical expertise	2021	-	-	28	28	204	-
1.29	Replacing the rotor corresponding to the main generator related to 2-4121-G02 of U2 with a new rotor	2023	-	-	-	-	0	96,525
1.30	Improving the performance of the closed circuit television (CCTV) system of U1	2022	-	-	-	-	2,317	0
1.31	Ensuring a safe additional source of water for the district heating system of the City of Cernavoda	2023	-	-	-	-	0	594
1.32	Implementing a PMS (Power Management System) platform at Cernavoda NPP, stage I-SF	2025	-	-	-	-	0	0
1.33	Purchasing lands/buildings and works for the rehabilitation/modernization/extension	2022	-	-	-	-	0	0
1.34	Expenses for drafting pre-feasibility studies, feasibility studies and other studies related to the investment units (JP)	2022	-	-	-	-	0	0
1.35	Preparation of Feasibility Study for project PJ-20-006 - Implementation of PMS (Power Management System) at Cernavoda NPP	2025	-	-	-	76	0	855
1.36	Installation works for air dehumidification equipment, with adsorbent wheel, for the ventilation system in the Reactor U1 Building (Design Services)	2024	-	-	-	135	0	0
2	Pitesti NFP Branch:		-	-	-	_	75	250
2.1	Expenditure for the preparation of the "FS on the doubling of FCN capacities"	2019	-	-	-	-		250
2.2	Geotechnical study	2019	-	0		-	75	
3	SNN Head Office:		9,334	3,106				14,298
3.1	Capitalization of Nuclearserv SRL	2024			1,200	1,200	7,500	
3.2	Initial capitalization of HENRO	2020			250	250	200	
3.3	Capitalization of processing Branch in Feldioara	2023			2,300	2,300	179,100	13,000
3.4	Cyber Project	2022			5,176	4,721	-	
3.5	Modernization of DC	2021			150	-		
3.6	Centralized Personnel Management System	2022			45	-	1,250	250
3.7	Centralized Payroll System	2022			450	-	500	75
3.8	Storeroom and RFID stocktaking optimization system	2021			270	-	140	70
3.9	ERP integration at Group level, Update and Development	2023			1,143	1,667	350	200
3.10	Antivirus	2022			125	132	-	
3.11	Service Manager, IT Asset & User Management	2022			294	125	-	

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		the investment	Approved	Achieved	Current year 2021 Approved according to OGMS Resolution No. 7/06.05.2021	Current year 2021 rectified	Year 2022	Year 2023
3.12	Redesign and digitization of processes (from EDMS)	2022			500	-	2,400	600
3.13	Purchase of hardware/software platform	2021			3,723	3,576	44	44
3.14	Installation of security devices	2022			505	-	-	
3.15	AIO tempest workstation	2021			20	84	50	
3.16	Office furniture BDS Energonuclear	2022					10	
3.17	Installation and modernization of physical security system of SNN building, anti-burglary, access control, video, fire signaling	2023					840	50
3.18	Access control point furniture	2023					12	5
3.19	Equipping security agents according to L333	2023					6	4
3.20	Consultancy services for the Cobalt-60 project	2021				26	-	-
No No.	SNN integrated communications network - equipment, installation, implementation	2021	1,800	2,225				
No No.	E-mail and user integration, other Microsoft licenses	2022	1,800	350				
No No.	EAM solution upgrade	2022	-,500	550				
No No.	Business Processes and Document Management solution	2023	1,000					
No No.	IT Service Management	2023	1,000					
No No.	Centralized Storage	2023	-,					
No No.	BACK-UP & SNN centralized archiving	2021	942	34				
	IT Asset & User Management	2021	942	105				
No No.	CYBERSECURITY – As per NIS (L362/2018), implementation of integrated SOC, ISO27001 certification	2023	100	207				
No No.	Implementation of excellence, IT & OT Training and Cybersecurity center	2023	100					
No No.	ERP with various modules (FIN, HR, CRM, TRANSACTIONS, RISK ETC.)	2023	500	43				
No No.	Bussiness Inteligence & Dashboards	2023	10					
No No.	Hardware refresh	2023	1,000	142				
	Digital Processes Security	2023	1,000	112				
		2023	-					
	Access control and intercom system	2020	19					
No No.	Video, anti-burglary, surveillance system, back-up alarm system	2020	21					
110 110	b) for the goods from the public domain of the state or of the administrative-territorial unit:	2020	-	-		-	-	-
	- (name of objective)		-	-		-	-	-
	- (name of objective)		-	-		-	-	-
	 c) for the goods from the private domain of the state or of the administrative-territorial unit; 		-	-		-	-	-
	- (name of objective)		-	-		-	-	-
	- (name of objective)		-	-		_	-	-
	d) for goods taken in concession, leased or under administration, excluding those from the public or private domain of the state or of the administrative-territorial unit:		-	-		-	-	-
	- (name of objective)		-	-		_	-	-
	- (name of objective)		-	-			-	-
С	Investments made at the existing tangible assets (upgrades), of which:		132,278	109,967	90,811	86,756	43,806	45,242
	a) for goods privately owned by the economic operator:		132,278	109,967	90,811	86,756	43,806	45,242
1	Cernavoda NPP Branch:		126,657	107,414	85,595		41,734	38,952
1.1	Supply of lifting equipment for the replacement of power cranes in R/B, R601 U1/U2 and for servicing the valves of the 41190 system in T/B U2	2022	444	-	60	111	379	137
1.2	Refurbishing works for the weather tower at Unit 1	2022	56	-		0	1,049	11
1.2		2022	50			0	1,049	1.

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		the investment	Approved	Achieved	Current year 2021 Approved according to OGMS Resolution No. 7/06.05.2021	Current year 2021 rectified	Year 2022	Year 2023
1.3	Replacing the mam machine interface related to 2-52300-DG1/DG2	2023	-	-	-	0	0	990
1.4	Services associated with the implementation of immobilizing spare parts in OP U1/U2	2021	53,045	54,117	52,000	48,230	20,000	33,000
1.5	CA/LA services PLiM cables program	2021	3,604	3,311	2,213	2,213	2,213	2,213
1.6	Running the program GA, CR # 30974 (dome inspection, tubular plate washing)	2021	13,616	11,944	17,036	15,290	0	-
1.7	Running the Program Feeders CR 28786 (Inspection of Feeders in spare parts for feeder inspection equipment in U1/U2 OP)	2021	6,508	5,842	6,206	4,803	-	_
1.7.1	Running Feeder Program - inspection equipment and spare parts for feeder inspection equipment U2OP21	2021	1,000		625	245	-	-
1.7.2	Running Feeders Program DD CR 33420 - Feeders Inspection in U2OP21, engineering technical assistance	2021	5,508		5,581	4,558	-	-
1.8	Running the Program HX OP U1/U2 - (for 2020: ECT U1OP20 inspections and plugging 4 tubes on request)	2021	2,631	1,829	1,969	1,969	-	_
1.9	Gabion lifting construction works for hydrotechnical circuit	2021	160	-	160	20	140	-
1.10	Thermal insulation works for the facades of block A1, entrances 1 - 5	2021	600	-	706	-	706	-
1.11	Repair works for the pool	2021	440	-	419	362	-	-
1.12	Hydro-insulation works for block A1, entrances 1 - 5	2021	-	-	647	190	457	-
1.13	Repairs on pumps type F24 NDS BSI 71340	2021	-	-	400	-	400	-
1.14	Capital repairs on the pumps type NMV 1000 RA/NMV 1000 BSI 71310 and 71340	2021	1,100	-	1,020	806	1,100	1,100
1.15	Maintenance and repairs for NMV2000 BSI 71210 electric pumps	2021	1,790	-	1,830	2,265	1,500	1,500
1.16	Capital repairs on the air compressors 2-7510 CP3/CP4	2020	900	433	930	930	465	-
1.17	MPA-EC#2989/Replacing vibration transducers at pumps 1-4323- P01, P02 and P03 (full services: ensuring the parts, assembly and startup testing)	2021	679	408	-	-	-	-
1.18	MAN services for preventive maintenance and implementation of changes	2021	5,640	-	-	-	-	-
1.19	Running the Feeder Program: - Replacement of G13A feeder	2020	11,371	7,776	-	254	-	-
1.20	Implementation of the fuel channel program (inspection of fuel channels and sampling material in OP U1/U2)	2020	23,088	20,799	-	5,941	13,325	-
1.21	Repair works for 150 seats Hostel - Cernavoda	2020	985	956	-	-	-	-
2	Pitesti NFP Branch:	2021	5,622	2,553	4,232	3,346	607	6,290
2.1	Modernization of the fuel bundle manufacture line in order to optimize the flow of manufacturing and improving the quality of the finished product	2021	551	511	19	19	-	-
2.1.1	Design and execution of "Automatic system for isokinetic sampling of powder and gas emissions from FCN dispersion baskets".	2021	511	511	0	0	-	-
2.1.2	Inspection 4 of SF 1516 "Modernization of the fuel bundle manufacture line in order to optimize the flow of manufacturing and improving the quality of the finished product" (redoing the General Estimate).	2021	40	-	19	19	-	-
2.2	Modernization of the communication infrastructure, fitting the data center according to the TIA942-1 standard, and implementing measures for mitigating the information security risk	2020	430	370	0	0	-	-

	INDICATORS	Date of completion of previous year 2020				Value		
		the investment	Approved	Achieved	Current year 2021 Approved according to OGMS Resolution No. 7/06.05.2021	Current year 2021 rectified	Year 2022	Year 2023
2.3	Modernization of offices, work spaces and hatches, cafeterias - design and technical assistance, implementation and fittings	2021	303	20	0	0	-	
2.4	Modernization of dining rooms and offices on the ground floor	2021			207	162		
2.5	Modernization of the ventilation installation of the physical- chemical laboratories	2021	960	9	951	696.86	-	
2.6	Capital repairs on the rotational press R53	2021	1,354	899	474	472.00	-	
2.7	Capital repairs of Rolcompactor I	2021	371	-	387	387	-	
2.8	Modernization of the chamfering and burring machine	2021	277	-	277	0	277	
2.9	Modernization of the Feintool GKP F-40 press	2020	248	242	-	0	-	
2.10	Anti-fire system at the ventilation system of hall IV (design and implementation)	2022	174	-	-	0	-	
2.10.1	Design	2022	40	-			-	
2.10.2	Execution of fire system	2022	134	-				
2.11	Change in the ventilation and air conditioning system project of hall 4 and extensions	2021			55	59		
2.12	Rebuilding the floors of Hall IV (including the annexes) and Hall V	2021	142	-	240	151	-	
2.13	Renovation of SMEU workshops	2020	120	188	-	0	-	
2.14	Modernization and rehabilitation of the FC Warehouse and Zy-4 Warehouse	2020	176	124	-	0	-	-
2.15	Hydro-insulation of the roof of the FC and Zy-4 warehouses	2020	145	40	-	0	-	
2.15	Rebuilding the epoxy floors of the FC and Zy-4 warehouses	2020	72	62	-	0	_	
2.17	Modernization of press Feintool GKP F-160	2021	300	-	211	211	-	
2.18	Modernization of drinkable and fire-fighting water network (Investment approved as facility - "drinkable water and fire-fighting water network automation board" of Annex 4.1)	2020	-	88	-	-	-	
2.19	Modernization of grinding machines without MRFC-50 centers	2022	-	-	-	_	_	1,94
2.20	Renovation of premises in the NFP building	2021	-	-	400	454.00	-	,
2.21	Modernization of garage wing and ST premises	2021	-	-	250	154.00	-	
2.22	Hydro-insulation of General Commodity Warehouse	2021	-	-	281	100.00	-	
2.23	Modernization of ZPI cap-grid welding installation	2021	-	-	480	480.00	-	
2.24	Design and execution for the extension of the Be sedimentation ventilation system	2023					50	25
2.25	RK press R53-II	2023						1,10
2.26	Modernization of the electric station	2022					100	
2.27	RK Harper	2023						2,50
2.28	Extension of fire detection, signaling and warning system (design, installation and commissioning)	2022					15	
2.29	Modernization of the perimeter lighting system (installation of lighting fixtures with LED technology)	2022					65	
2.30	Modernization of physical security system	2023						50
2.31	Degussa Furnace Modernization	2022					100	
3	SNN Executive		-	-	983	27	1,465	
3.1	Interior design related to the headquarters	2020	-	-	983	-	1,465	
3.2	Works for 5 car parking places	2001				27		
	b) for the goods from the public domain of the state or of the administrative-territorial unit:		-	-		-	-	
	- (name of objective)		-	-			-	
	- (name of objective)		-	-		-	-	
	c) for the goods from the private domain of the state or of the administrative-territorial unit:		-	-		-	-	
	- (name of objective)		-	-		-	_	

	INDICATORS	Date of completion of	previous	year 2020			Value	
		the investment	Approved	Achieved	Current year 2021 Approved according to OGMS Resolution No. 7/06.05.2021	Current year 2021 rectified	Year 2022	Year 2023
	- (name of objective)		-	-		-	-	-
	d) for goods taken in concession, leased or under administration, excluding those from the public or private domain of the state or of the administrative-territorial unit:		-	-		-	-	-
	- (name of objective)		-	-		-	-	-
	- (name of objective)		-	-		-	-	-
D	Facilities (other purchases of tangible assets)		71,478	36,263	91,687	58,164	65,497	78,597
	Cernavoda NPP Branch		67,524	33,730	87,665	55,592	60,000	70,000
	Pitesti NFP Branch		2,564	1,956	3,222	1,533	5,497	8,597
	SNN Headquarters		1,390	576	800	1,038		
Е	Reimbursements of instalments related to investment credits, of which:		226,544	218,308	218,431	248,325	165,701	64,276
	a) - internal		-	-		-	-	-
	b) - external		226,544	218,308	218,431	248,325	165,701	64,276

Chief Executive Officer

Cosmin Ghita

Deputy Chief Executive Officer Dan Laurentiu Tudor Chief Financial Officer Paul Ichim

Note:

Categ. I Compliance/regulatory requirements - Safety (nuclear and personnel)/environment/physical protection etc.

Categ. II Improvement of the condition of the plant/factory - critical/aged/decommissioned components etc.

Categ. III Production - investments with impact in the sense of removing problems/vulnerabilities/reducing and/or streamlining production