

Anexa 1 - Proiectia costurilor pentru anii 2023 - 2042, aferente perioadei de operare de 20 ani

<i>Varianta fara proiect - mii lei</i>	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
Cheltuieli energie electrica	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cheltuieli servicii colectare deseuri menajere	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Costuri reparatii, intretinere	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total costuri	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

<i>Varianta cu proiect - mii lei</i>	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
Cheltuieli energie electrica	21.600	22.032	22.464	22.896	23.328	23.760	24.192	24.624	25.056	25.488	25.920	26.352	26.784	27.216	27.648	28.080	28.512	28.944	29.376	29.808
Cheltuieli servicii colectare deseuri	5.040	5.141	5.242	5.342	5.443	5.544	5.645	5.746	5.846	5.947	6.048	6.149	6.250	6.350	6.451	6.552	6.653	6.754	6.854	6.955
Costuri reparatii, intretinere	0.000	0.000	1.040	0.000	0.000	0.000	1.120	0.000	0.000	0.000	1.200	0.000	0.000	0.000	1.280	0.000	0.000	0.000	1.360	0.000
Total costuri	26.640	27.173	28.746	28.238	28.771	29.304	30.957	30.370	30.902	31.435	33.168	32.501	33.034	33.566	35.379	34.632	35.165	35.698	37.590	36.763

<i>Contributia proiectului VARIANTA CU PROIECT - VARIANTA FARA PROIECT - mii lei</i>	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
Cheltuieli energie electrica	21.600	22.032	22.464	22.896	23.328	23.760	24.192	24.624	25.056	25.488	25.920	26.352	26.784	27.216	27.648	28.080	28.512	28.944	29.376	29.808
Cheltuieli servicii colectare deseuri menajere	5.040	5.141	5.242	5.342	5.443	5.544	5.645	5.746	5.846	5.947	6.048	6.149	6.250	6.350	6.451	6.552	6.653	6.754	6.854	6.955
Costuri reparatii, intretinere	0.000	0.000	1.040	0.000	0.000	0.000	1.120	0.000	0.000	0.000	1.200	0.000	0.000	0.000	1.280	0.000	0.000	0.000	1.360	0.000
Total costuri	26.640	27.173	28.746	28.238	28.771	29.304	30.957	30.370	30.902	31.435	33.168	32.501	33.034	33.566	35.379	34.632	35.165	35.698	37.590	36.763

Tab. 2.1. Total Costuri investitie (mii lei)

ANII

Elemente	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
Costuri investitii (Total) -A	1,977.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Numerar	1,977.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Cienti																					
Stocuri																					
Datorii curente																					
Fond de rulment (1.12+1.13+1.14-1.15)	1,977.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Variatia Fondului de rulment (B)																					
Inlocuiri echipamente cu durata scurta de viata																					
Valoarea reziduala	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-988.64
Alte elemente de investitie - C	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-988.64
Total Costuri de investitie = A+B+C	1,977.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-988.64

Tab. 2.2. Costuri si Venituri din operare (mii lei)

Perioada operare investitie

Elemente	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
Cheltuieli energie electrica		21.60	22.03	22.46	22.90	23.33	23.76	24.19	24.62	25.06	25.49	25.92	26.35	26.78	27.22	27.65	28.08	28.51	28.94	29.38	29.81
Cheltuieli servicii colectare deseuri menajere		5.04	5.14	5.24	5.34	5.44	5.54	5.64	5.75	5.85	5.95	6.05	6.15	6.25	6.35	6.45	6.55	6.65	6.75	6.85	6.96
Costuri reparatii , intretinere		0.00	0.00	1.04	0.00	0.00	0.00	1.12	0.00	0.00	0.00	1.20	0.00	0.00	0.00	1.28	0.00	0.00	0.00	1.36	0.00
Total costuri		26.64	27.17	28.75	28.24	28.77	29.30	30.96	30.37	30.90	31.44	33.17	32.50	33.03	33.57	35.38	34.63	35.16	35.70	37.59	36.76
Venituri		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Venit net din operare		-26.64	-27.17	-28.75	-28.24	-28.77	-29.30	-30.96	-30.37	-30.90	-31.44	-33.17	-32.50	-33.03	-33.57	-35.38	-34.63	-35.16	-35.70	-37.59	-36.76

Tab.2.3. Tabloul Surselor de Finantare - mii lei

ANII

Elemente	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
Contributia beneficiar	1,977.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total resurse financiare	1,977.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Tab. 2.4. Tabloul sustenabilitatii financiare (mii lei)

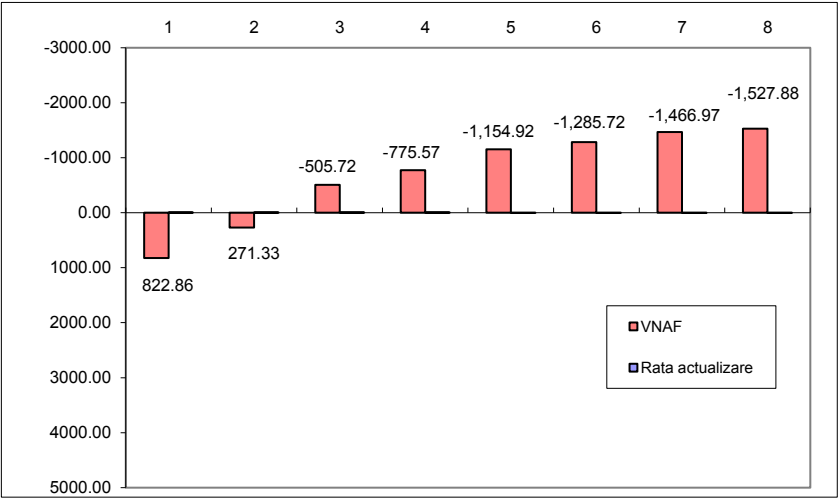
	Perioada implementare	Perioada operare investitie																			
Elemente	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
Total resurse financiare	1,977.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Intrari financiare (venituri subventii)	0.00	26.67	27.20	28.77	28.27	28.80	29.33	30.99	30.40	30.93	31.47	33.20	32.53	33.07	33.60	35.41	34.67	35.20	35.73	37.63	36.80
Total intrari de numerar	1,977.27	26.67	27.20	28.77	28.27	28.80	29.33	30.99	30.40	30.93	31.47	33.20	32.53	33.07	33.60	35.41	34.67	35.20	35.73	37.63	36.80
Total costuri operare	0.00	26.64	27.17	28.75	28.24	28.77	29.30	30.96	30.37	30.90	31.44	33.17	32.50	33.03	33.57	35.38	34.63	35.16	35.70	37.59	36.76
Total costuri investitie	1,977.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total iesiri de numerar	1,977.27	26.64	27.17	28.75	28.24	28.77	29.30	30.96	30.37	30.90	31.44	33.17	32.50	33.03	33.57	35.38	34.63	35.16	35.70	37.59	36.76
Total fluxuri de numerar	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.04	0.04	0.04	0.04
Flux de numerar cumulat	0.00	0.03	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.29	0.33	0.36	0.39	0.42	0.46	0.49	0.53	0.57	0.60	0.64

Tab. 1.5. Calculul Ratei Interne de Rentabilitate Financiara a Investitiei (mii lei)

Implementare										Ani operare investitie											
Elemente	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
	0.00	26.67	27.20	28.77	28.27	28.80	29.33	30.99	30.40	30.93	31.47	33.20	32.53	33.07	33.60	35.41	34.67	35.20	35.73	37.63	36.80
Total venituri	0.00	26.67	27.20	28.77	28.27	28.80	29.33	30.99	30.40	30.93	31.47	33.20	32.53	33.07	33.60	35.41	34.67	35.20	35.73	37.63	36.80
Total costuri de operare si intretinere	0.00	26.64	27.17	28.75	28.24	28.77	29.30	30.96	30.37	30.90	31.44	33.17	32.50	33.03	33.57	35.38	34.63	35.16	35.70	37.59	36.76
Total costuri investitie	1977.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-988.64
Total cheltuieli	1977.27	26.64	27.17	28.75	28.24	28.77	29.30	30.96	30.37	30.90	31.44	33.17	32.50	33.03	33.57	35.38	34.63	35.16	35.70	37.59	-951.87
Flux de numerar net	-1977.27	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.04	0.04	0.04	988.67
Rata interna de rentabilitate financiara a investitiei(RIRF/C)		-3.40%																			
Valoarea neta actualizata financiara a investitiei (VNAF/C)		-1,527.88																			
Raport cost/Beneficiu		0.19																			

Nota: Rata discount pentru Valoarea Neta Actualizata =5%

Rata actualizare	VNAF
-5.00%	822.86
-4.00%	271.33
-2.00%	-505.72
-1.00%	-775.57
1.00%	-1,154.92
2.00%	-1,285.72
4.00%	-1,466.97
5.00%	-1,527.88



Calculul Raportului Cost-Eficacitate

Anexa 2.6.

ANI OPERARE INVESTITIE																					
Elemente	2022-2024	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Total costuri - varianta fara investitie	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total costuri de operare si intretinere varianta cu investitie	0.00	26.640	27.173	28.746	28.238	28.771	29.304	30.957	30.370	30.902	31.435	33.168	32.501	33.034	33.566	35.379	34.632	35.165	35.698	37.590	36.763
Total costuri investitie	1,977.271	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-988.636
Total cheltuieli (incremental)	1,977.271	26.640	27.173	28.746	28.238	28.771	29.304	30.957	30.370	30.902	31.435	33.168	32.501	33.034	33.566	35.379	34.632	35.165	35.698	37.590	-951.872
Cost total actual incremental (VAN)		1,897.79																			
Suprafata locuri de joaca (mp)		2,137.49																			
RAPORTUL Cost - Eficacitate (VAN/suprafata construita)		0.89																			

Nota: Rata actualizare =5%