

ANEXA 1. Proiecția populației

La nivelul întregului județ

Populație	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Urban	160.759	158.543	156.357	153.947	151.575	149.239	147.070	144.933	142.827	140.751	138.706	136.690	134.704
Rural	261.550	259.162	256.797	254.587	252.397	250.225	246.588	243.005	239.473	235.993	232.564	229.184	225.853
Total	422.309	417.705	413.154	408.534	403.972	399.464	393.658	387.938	382.300	376.744	371.270	365.874	360.557

continuare

Populație	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Urban	132.700	130.726	128.781	126.865	124.978	123.119	121.287	119.483	117.706	115.955
Rural	222.494	219.184	215.923	212.711	209.547	206.430	203.359	200.334	197.354	194.418
Total	355.194	349.910	344.704	339.576	334.525	329.549	324.646	319.817	315.060	310.373

Zona 0

Populație	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Urban	137.871	135.970	134.095	132.029	129.994	127.991	126.131	124.298	122.492	120.712	118.958	117.229	115.525
Rural	182.319	180.652	179.004	177.463	175.938	174.425	171.891	169.395	166.933	164.506	162.119	159.762	157.441
Total	320.190	316.622	313.099	309.492	305.932	302.416	298.022	293.693	289.425	285.218	281.077	276.991	272.966

continuare

Populație	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Urban	113.807	112.114	110.446	108.802	107.184	105.590	104.019	102.472	100.948	99.446
Rural	155.098	152.789	150.514	148.275	146.070	143.896	141.756	139.648	137.571	135.524
Total	268.905	264.903	260.960	257.077	253.254	249.486	245.775	242.120	238.519	234.970

Zona 1

Populație	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Urban	6.717	6.625	6.534	6.432	6.334	6.236	6.145	6.056	5.968	5.881	5.796	5.712	5.629
Rural	26.281	26.043	25.805	25.583	25.362	25.145	24.779	24.419	24.065	23.715	23.370	23.030	22.696
Total	32.998	32.668	32.339	32.015	31.696	31.381	30.924	30.475	30.033	29.596	29.166	28.742	28.325

continuare

Populație	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Urban	5.545	5.463	5.382	5.302	5.223	5.145	5.068	4.993	4.919	4.846
Rural	22.359	22.027	21.700	21.377	21.059	20.746	20.438	20.132	19.833	19.539
Total	27.904	27.490	27.082	26.679	26.282	25.891	25.506	25.125	24.752	24.385

Zona 2

Populație	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Urban	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural	21.107	20.914	20.723	20.544	20.367	20.191	19.896	19.606	19.321	19.041	18.762	18.489	18.220
Total	21.107	20.914	20.723	20.544	20.367	20.191	19.896	19.606	19.321	19.041	18.762	18.489	18.220

continuare

Populație	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Urban	-	-	-	-	-	-	-	-	-	-
Rural	17.950	17.683	17.420	17.161	16.906	16.655	16.406	16.163	15.923	15.686
Total	17.950	17.683	17.420	17.161	16.906	16.655	16.406	16.163	15.923	15.686

Zona 3

Populație	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Urban	16.171	15.948	15.728	15.486	15.247	15.012	14.794	14.579	14.367	14.158	13.952	13.749	13.550
Rural	31.843	31.553	31.265	30.997	30.730	30.464	30.022	29.585	29.154	28.731	28.313	27.903	27.496
Total	48.014	47.501	46.993	46.483	45.977	45.476	44.816	44.164	43.521	42.889	42.265	41.652	41.046

continuare

Populație	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Urban	13.348	13.149	12.953	12.761	12.571	12.384	12.200	12.018	11.839	11.663
Rural	27.087	26.685	26.289	25.898	25.512	25.133	24.759	24.391	24.027	23.669
Total	40.435	39.834	39.242	38.659	38.083	37.517	36.959	36.409	35.866	35.332

sursa: elaborator PJGD

ANEXA 2. Proiecția deșeurilor municipale

La nivelul întregului județ

Deseuri municipale (tone/an)	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Deseuri menajere	50.626	54.619	60.217	60.650	59.346	57.948	55.690	54.881	54.083	53.297	52.523	53.759
Deseuri similare	13.118	14.212	15.640	15.616	15.247	14.865	14.313	14.105	13.900	13.698	13.499	13.853
Deseuri din parcuri si gradini	4.755	4.755	4.755	4.755	4.755	4.755	4.755	4.755	4.755	4.755	4.755	4.755
Deseuri din pietre	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500
Deseuri stradale	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500
Total deseuri municipale colectate de operatorii de salubritate	71.499	76.586	83.612	84.021	82.348	80.568	77.758	76.741	75.738	74.750	73.777	75.367
Deseuri de ambalaje menajere colectate de alti operatori decat operatorii de salubritate	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	0
Deseuri menajere si similare necollectate	15.368	9.088	2.695	0	0	0	0	0	0	0	0	0
Total deseuri municipale generate	88.867	87.674	88.307	86.021	84.348	82.568	79.758	78.741	77.738	76.750	75.777	75.367

continuare

Deseuri municipale (tone/an)	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Deseuri menajere	52.989	52.230	51.484	50.747	50.022	49.308	48.604	47.910	47.228	46.555
Deseuri similare	13.655	13.460	13.268	13.079	12.893	12.709	12.528	12.350	12.174	12.001
Deseuri din parcuri si gradini	4.755	4.755	4.755	4.755	4.755	4.755	4.755	4.755	4.755	4.755
Deseuri din pietre	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500
Deseuri stradale	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500
Total deseuri municipale colectate de operatorii de salubritate	74.399	73.445	72.507	71.581	70.670	69.772	68.887	68.015	67.157	66.311
Deseuri de ambalaje menajere colectate de alti operatori decat operatorii de salubritate	0	0	0	0	0	0	0	0	0	0
Deseuri menajere si similare necollectate	0	0	0	0	0	0	0	0	0	0
Total deseuri municipale generate	74.399	73.445	72.507	71.581	70.670	69.772	68.887	68.015	67.157	66.311

La nivelul intregului judet fara Municipiul Buzau

Deseuri municipale (tone/an)	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Deseuri menajere	30.785	32.816	36.364	37.532	36.946	36.229	34.637	34.134	33.638	33.149	32.667	33.192
Deseuri similare	7.166	7.671	8.484	8.681	8.527	8.350	7.997	7.881	7.766	7.653	7.542	7.683
Deseuri din parcuri si gradini	2.255	2.255	2.255	2.255	2.255	2.255	2.255	2.255	2.255	2.255	2.255	2.255
Deseuri din pietre	900	900	900	900	900	900	900	900	900	900	900	900
Deseuri stradale	600	600	600	600	600	600	600	600	600	600	600	600
Total deseuri municipale colectate de operatorii de salubritate	41.706	44.242	48.603	49.968	49.228	48.334	46.389	45.770	45.159	44.557	43.964	44.630
Deseuri de ambalaje menajere colectate de alti operatori decat operatorii de salubritate	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0
Deseuri menajere si similare necollectate	10.260	6.666	2.695	0	0	0	0	0	0	0	0	0
Total deseuri municipale generate	52.966	51.908	52.298	50.968	50.228	49.334	47.389	46.770	46.159	45.557	44.964	44.630

continuare

Deseuri municipale (tone/an)	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Deseuri menajere	32.713	32.242	31.777	31.319	30.868	30.424	29.987	29.555	29.131	28.712
Deseuri similare	7.572	7.464	7.356	7.250	7.147	7.043	6.943	6.843	6.745	6.648
Deseuri din parcuri si gradini	2.255	2.255	2.255	2.255	2.255	2.255	2.255	2.255	2.255	2.255
Deseuri din pietre	900	900	900	900	900	900	900	900	900	900
Deseuri stradale	600	600	600	600	600	600	600	600	600	600
Total deseuri municipale colectate de operatorii de salubritate	44.040	43.461	42.888	42.324	41.770	41.222	40.685	40.153	39.631	39.115
Deseuri de ambalaje menajere colectate de alti operatori decat operatorii de salubritate	0	0	0	0	0	0	0	0	0	0
Deseuri menajere si similare necollectate	0	0	0	0	0	0	0	0	0	0
Total deseuri municipale generate	44.040	43.461	42.888	42.324	41.770	41.222	40.685	40.153	39.631	39.115

La nivelul Municipiului Buzau

Deseuri municipale (tone/an)	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Deseuri menajere	19.842	21.804	23.853	23.119	22.401	21.720	21.053	20.747	20.445	20.148	19.856	20.567
Deseuri similare	5.953	6.542	7.156	6.936	6.721	6.516	6.316	6.225	6.134	6.045	5.957	6.171
Deseuri din parcuri si gradini	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500
Deseuri din pietre	600	600	600	600	600	600	600	600	600	600	600	600
Deseuri stradale	900	900	900	900	900	900	900	900	900	900	900	900
Total deseuri municipale colectate de operatorii de salubritate	29.795	32.346	35.009	34.055	33.122	32.236	31.369	30.972	30.579	30.193	29.813	30.738
Deseuri de ambalaje menajere colectate de alti operatori decat operatorii de salubritate	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0
Deseuri menajere si similare necollectate	5.107	2.422	0	0	0	0	0	0	0	0	0	0
Total deseuri municipale generate	35.902	35.768	36.009	35.055	34.122	33.236	32.369	31.972	31.579	31.193	30.813	30.738

continuare

Deseuri municipale (tone/an)	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Deseuri menajere	20.276	19.989	19.707	19.428	19.154	18.884	18.618	18.356	18.098	17.844
Deseuri similare	6.083	5.997	5.913	5.829	5.747	5.666	5.586	5.507	5.430	5.354
Deseuri din parcuri si gradini	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500
Deseuri din pietre	600	600	600	600	600	600	600	600	600	600
Deseuri stradale	900	900	900	900	900	900	900	900	900	900
Total deseuri municipale colectate de operatorii de salubritate	30.359	29.986	29.620	29.257	28.901	28.550	28.204	27.863	27.528	27.198
Deseuri de ambalaje menajere colectate de alti operatori decat operatorii de salubritate	0	0	0	0	0	0	0	0	0	0
Deseuri menajere si similare necollectate	0	0	0	0	0	0	0	0	0	0
Total deseuri municipale generate	30.359	29.986	29.620	29.257	28.901	28.550	28.204	27.863	27.528	27.198

ANEXA 3. Proiecția deșeurilor biodegradabile municipale, pe medii de rezidență, la nivelul Județului Buzău

Proiecția de generare a deșeurilor biodegradabile municipale în județul Buzău	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Deșeuri biodegradabile menajere	36.299	39.271	43.176	43.607	42.551	41.433	39.651	39.075	38.507	37.947	37.396	38.276
Deșeuri biodegradabile similare	9.406	10.218	11.214	11.228	10.932	10.628	10.191	10.043	9.897	9.753	9.611	9.863
Deșeuri biodegradabile din parcuri și grădini	4.427	4.427	4.427	4.427	4.427	4.427	4.427	4.427	4.427	4.427	4.427	4.427
Deșeuri biodegradabile din piețe	1.247	1.247	1.247	1.247	1.247	1.247	1.247	1.247	1.247	1.247	1.247	1.247
Total deșeuri biodegradabile municipale	51.378	55.163	60.063	60.509	59.157	57.735	55.516	54.791	54.077	53.374	52.681	53.813

continuare

Proiecția de generare a deșeurilor biodegradabile municipale în județul Buzău	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Deșeuri biodegradabile menajere	37.728	37.188	36.657	36.132	35.616	35.107	34.606	34.112	33.626	33.147
Deșeuri biodegradabile similare	9.722	9.584	9.447	9.312	9.180	9.049	8.920	8.793	8.668	8.545
Deșeuri biodegradabile din parcuri și grădini	4.427	4.427	4.427	4.427	4.427	4.427	4.427	4.427	4.427	4.427
Deșeuri biodegradabile din piețe	1.247	1.247	1.247	1.247	1.247	1.247	1.247	1.247	1.247	1.247
Total deșeuri biodegradabile municipale	53.124	52.445	51.777	51.118	50.469	49.830	49.199	48.579	47.968	47.365

Proiecția de generare a deșeurilor biodegradabile municipale în județul Buzău, mediul urban	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Deșeuri biodegradabile menajere	21.449	23.636	25.785	25.061	24.215	23.413	22.600	22.271	21.947	21.628	21.314	22.073
Deșeuri biodegradabile similare	6.435	7.091	7.736	7.519	7.265	7.024	6.780	6.681	6.585	6.489	6.394	6.622
Deșeuri biodegradabile din parcuri și grădini	3.542	3.542	3.542	3.542	3.542	3.542	3.542	3.542	3.542	3.542	3.542	3.542
Deșeuri biodegradabile din piețe	623	623	623	623	623	623	623	623	623	623	623	623
Total deșeuri biodegradabile municipale	32.049	34.891	37.686	36.744	35.645	34.602	33.545	33.118	32.697	32.282	31.874	32.860

continuare

Proiecția de generare a deșeurilor biodegradabile municipale în județul Buzău, mediul urban	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Deșeuri biodegradabile menajere	21.760	21.452	21.149	20.850	20.556	20.266	19.980	19.699	19.422	19.149
Deșeuri biodegradabile similare	6.528	6.436	6.345	6.256	6.167	6.080	5.994	5.910	5.827	5.745
Deșeuri biodegradabile din parcuri și grădini	3.542	3.542	3.542	3.542	3.542	3.542	3.542	3.542	3.542	3.542
Deșeuri biodegradabile din piețe	623	623	623	623	623	623	623	623	623	623
Total deșeuri biodegradabile municipale	32.453	32.052	31.659	31.271	30.888	30.512	30.139	29.774	29.414	29.059

Proiecția de generare a deșeurilor biodegradabile municipale în județul Buzău, mediul rural	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Deșeuri biodegradabile menajere	14.850	15.635	17.390	18.547	18.336	18.019	17.052	16.804	16.560	16.319	16.082	16.204
Deșeuri biodegradabile similare	2.971	3.128	3.478	3.709	3.667	3.604	3.410	3.361	3.312	3.264	3.217	3.241
Deșeuri biodegradabile din parcuri și grădini	885	885	885	885	885	885	885	885	885	885	885	885
Deșeuri biodegradabile din piețe	623	623	623	623	623	623	623	623	623	623	623	623
Total deșeuri biodegradabile municipale	19.329	20.272	22.377	23.765	23.512	23.132	21.971	21.674	21.381	21.091	20.807	20.953

continuare

Proiecția de generare a deșeurilor biodegradabile municipale în județul Buzău, mediul rural	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Deșeuri biodegradabile menajere	15.968	15.736	15.507	15.282	15.060	14.841	14.626	14.413	14.204	13.998
Deșeuri biodegradabile similare	3.194	3.148	3.101	3.057	3.012	2.968	2.926	2.883	2.841	2.800
Deșeuri biodegradabile din parcuri și grădini	885	885	885	885	885	885	885	885	885	885
Deșeuri biodegradabile din piețe	623	623	623	623	623	623	623	623	623	623
Total deșeuri biodegradabile municipale	20.671	20.392	20.117	19.847	19.581	19.318	19.060	18.805	18.554	18.306

ANEXA 4. Proiecția fluxurilor speciale de deșeuri la nivelul Județului Buzău

Proiecția deșeurilor voluminoase	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Cantitate generata (tone/an)	1.205	1.415	1.562	1.711	1.676	1.764	1.814	1.788	1.762	1.736	1.711	1.749
Grad de colectare (%)	0	0	30	30	45	45	60	65	70	75	80	90
Cantitate colectata (tone/an)	0	-	468	513	754	794	1.089	1.162	1.233	1.302	1.369	1.574

continuare

Proiecția deșeurilor voluminoase	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Cantitate generata (tone/an)	1.724	1.700	1.675	1.651	1.628	1.604	1.581	1.559	1.537	1.515
Grad de colectare (%)	90	90	90	90	90	90	90	90	90	90
Cantitate colectata (tone/an)	1.552	1.530	1.508	1.486	1.465	1.444	1.423	1.403	1.383	1.363

Proiecția deșeurilor menajere periculoase	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Cantitate generata (tone/an)	517	561	617	614	599	583	562	554	546	538	530	545
Grad de colectare (%)	0	0	25	25	25	40	50	60	70	80	85	90
Cantitate colectata (tone/an)	0	0	154	153	150	233	281	332	382	430	451	490

continuare

Proiecția deșeurilor menajere periculoase	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Cantitate generata (tone/an)	518	510	503	495	507	500	493	486	479	472
Grad de colectare (%)	90	90	90	90	90	90	90	90	90	90
Cantitate colectata (tone/an)	466	459	453	446	456	450	443	437	431	425

Proiecția deșeurilor din construcții și desființări	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Indice de generare mediul Urban	250	250	250	250	250	250	250	250	250	250	250	250
Indice de generare mediul Rural	80	80	80	80	80	80	80	80	80	80	80	80
Cantitate generata total (tone/an)	60.500	59.700	58.900	58.100	57.500	56.600	55.800	55.000	54.100	53.400	52.600	51.800
Grad de colectare (%)	50	70	70	70	70	70	70	70	70	70	70	80
Cantitate estimata a se colecta (tone/an)	30.250	41.790	41.230	40.670	40.250	39.620	39.060	38.500	37.870	37.380	36.820	41.440

continuare

Proiecția deșeurilor din construcții și desființări	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Indice de generare mediul Urban	250	250	250	250	250	250	250	250	250	250
Indice de generare mediul Rural	80	80	80	80	80	80	80	80	80	80
Cantitate generata total (tone/an)	51.000	50.300	49.500	48.900	48.100	47.400	46.700	46.000	45.300	44.600
Grad de colectare (%)	80	80	80	80	80	80	80	80	80	80
Cantitate estimata a se colecta (tone/an)	40.800	40.240	39.600	39.120	38.480	37.920	37.360	36.800	36.240	35.680

ANEXA 5. Analiza financiară Alternativa 1

La nivelul întregului județ fara Municipiul Buzau

COSTURI DE OPERARE		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Cantități procesate																							
Stație de transfer noua - Pogoanele	tone/an	-	-	-	-	5.463	5.363	5.158	5.090	5.024	4.959	4.894	4.702	4.639	4.577	4.513	4.453	4.393	4.332	4.273	4.217	4.160	4.105
Stație de transfer Cislau - mărirea capacității	tone/an	-	-	-	-	9.221	9.032	8.717	8.607	8.497	8.389	8.282	7.930	7.825	7.718	7.617	7.515	7.416	7.316	7.217	7.122	7.027	6.936
Stație de transfer Beceni - modernizare	tone/an	2.169	2.268	2.512	2.661	2.639	2.603	2.482	2.448	2.415	2.381	2.350	2.275	2.242	2.211	2.180	2.150	2.120	2.090	2.060	2.030	2.002	1.974
Extinderea sistemului de colectare separată a deșeurilor menajere și similare (inclusiv introducerea colectării separate a deșeurilor textile)	tone/an	52.966	51.908	52.298	50.968	50.228	49.334	47.389	46.770	46.159	45.557	44.964	44.630	44.040	43.461	42.888	42.324	41.770	41.222	40.685	40.153	39.631	39.115
Stație de sortare noua - Pogoanele	tone/an	-	-	-	-	7.164	10.004	9.635	9.497	9.361	9.226	9.094	12.089	11.917	11.748	11.581	11.417	11.264	11.104	10.948	10.793	10.640	10.490
Stație de sortare Cislau - mărirea capacității	tone/an	-	-	-	-	1.697	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stație de sortare Beceni - modernizare	tone/an	134	388	434	463	502	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost plătit pentru transportul RDF (rezultat din sortarea deșeurilor în amestec) la fabricile de ciment, include transportul (maxim 250 km)	tone/an	-	-	-	-	1.061	5.867	5.641	5.562	5.485	5.408	5.332	4.553	4.490	4.428	4.398	4.338	3.864	3.812	3.760	3.708	3.658	3.608
Instalație de compostare în sistem închis (tunel)	tone/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instalație de compostare a deșeurilor verzi	tone/an	-	-	-	-	-	1.721	1.740	1.745	1.750	1.755	1.759	1.702	1.708	1.713	1.718	1.724	1.678	1.684	1.690	1.695	1.701	1.706
Instalație de compostare digestat	tone/an	-	-	-	-	-	5.562	5.287	5.214	5.141	5.069	4.999	5.843	5.762	5.683	5.604	5.527	6.196	6.110	6.026	5.943	5.861	5.780
Instalație TMB cu digestie anaerobă - treapta mecanică	tone/an	-	-	-	-	-	20.099	19.232	18.966	18.704	18.445	18.190	13.544	13.360	13.179	12.959	12.783	10.568	10.432	10.293	10.156	10.021	9.888
Instalație cu digestie anaerobă - treapta biologică	tone/an	-	-	-	-	-	14.854	14.122	13.925	13.730	13.539	13.351	15.605	15.389	15.177	14.968	14.761	16.547	16.318	16.093	15.871	15.653	15.438
Instalație TMB cu biogaz, inclusiv recidare - tratare biologică	tone/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instalație TMB cu biogaz, inclusiv recidare - tratare mecanică	tone/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Depozitare	tone/an	37.023	34.549	38.080	39.173	36.607	5.380	5.149	5.079	5.010	4.941	4.874	4.044	3.990	3.936	3.874	3.822	3.469	3.423	3.378	3.333	3.289	3.246
Costuri unitare																							
Stație de transfer noua - Pogoanele	EUR/tona	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0
Stație de transfer Cislau - mărirea capacității	EUR/tona	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0
Stație de transfer Beceni - modernizare	EUR/tona	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0
Extinderea sistemului de colectare separată a deșeurilor menajere și similare (inclusiv introducerea colectării separate a deșeurilor textile)		35,0	35,0	35,0	35,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0
Stație de sortare noua - Pogoanele	EUR/tona	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0
Stație de sortare Cislau - mărirea capacității	EUR/tona	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0
Stație de sortare Beceni - modernizare	EUR/tona	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0
Cost plătit pentru transportul RDF (rezultat din sortarea deșeurilor în amestec) la fabricile de ciment, include transportul (maxim 250 km)	EUR/tona	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0
Instalație de compostare în sistem închis (tunel)	EUR/tona	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0
Instalație de compostare a deșeurilor verzi	EUR/tona	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0
Instalație de compostare digestat	EUR/tona	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0
Instalație TMB cu digestie anaerobă - treapta mecanică	EUR/tona	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0
Instalație cu digestie anaerobă - treapta biologică	EUR/tona	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0
Instalație TMB cu biogaz, inclusiv recidare - tratare biologică	EUR/tona	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0
Instalație TMB cu biogaz, inclusiv recidare - tratare mecanică	EUR/tona	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0
Depozitare	EUR/tona	22,0	22,0	22,0	22,0	22,0	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5

Total costuri din operare																								
Stație de transfer noua - Pogoanele	EUR/an	-	-	-	-	-	152.963	150.164	144.427	142.518	140.669	138.852	137.029	131.653	129.885	128.145	126.370	124.688	122.998	121.310	119.645	118.077	116.473	114.928
Stație de transfer Cislau - marirea capacitatii	EUR/an	-	-	-	-	-	258.184	252.888	244.069	240.994	237.912	234.887	231.893	222.048	219.097	216.105	213.269	210.425	207.640	204.851	202.085	199.409	196.760	194.202
Stație de transfer Beceni - modernizare	EUR/an	60.730	63.499	70.333	74.505	73.887	72.879	69.492	68.539	67.616	66.661	65.796	63.696	62.768	61.900	61.032	60.192	59.351	58.509	57.667	56.853	56.068	55.284	
Extinderea sistemului de colectare separata a deșeurilor menajere si similare (inclusiv introducerea colectării separate a deșeurilor textile)	EUR/an	1.853.810	1.816.780	1.830.430	1.783.880	3.767.100	3.700.050	3.554.175	3.507.750	3.461.925	3.416.775	3.372.300	3.347.250	3.303.000	3.259.575	3.216.600	3.174.300	3.132.750	3.091.650	3.051.375	3.011.475	2.972.325	2.933.625	
Stație de sortare noua - Pogoanele	EUR/an	-	-	-	-	-	250.729	350.139	337.223	332.391	327.621	322.921	318.292	423.128	417.104	411.194	405.344	399.586	394.246	388.652	383.169	377.738	372.409	367.142
Stație de sortare Cislau - marirea capacitatii	EUR/an	-	-	-	-	-	59.395	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stație de sortare Beceni - modernizare	EUR/an	4.696	13.593	15.195	16.195	17.564	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost plătit pentru transportul RDF (rezultat din sortarea deșeurilor în amestec) la fabricile de ciment, include transportul (maxim 250 km)	EUR/an	-	-	-	-	-	10.610	58.674	56.413	55.624	54.845	54.078	53.322	45.528	44.898	44.280	43.984	43.378	38.640	38.116	37.597	37.083	36.578	36.079
Instalație de compostare în sistem închis (tunel)	EUR/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instalație de compostare a deșeurilor verzi	EUR/an	-	-	-	-	-	-	25.818	26.098	26.173	26.247	26.320	26.392	25.532	25.614	25.695	25.775	25.854	25.172	25.259	25.345	25.430	25.513	25.595
Instalație de compostare digestat	EUR/an	-	-	-	-	-	-	111.236	105.748	104.273	102.820	101.388	99.975	116.854	115.238	113.652	112.085	110.539	123.910	122.197	120.515	118.851	117.219	115.604
Instalație TMB cu digestie anaerobă – treapta mecanica	EUR/an	-	-	-	-	-	-	1.004.962	961.622	948.325	935.182	922.232	909.495	677.212	667.999	658.953	647.933	639.157	528.422	521.595	514.671	507.798	501.052	494.390
Instalație cu digestie anaerobă – treapta biologică	EUR/an	-	-	-	-	-	-	742.719	706.077	696.229	686.524	676.964	667.528	780.231	769.438	758.851	748.387	738.068	827.343	815.903	804.674	793.563	782.664	771.883
Instalație TMB cu biocurare, inclusiv reciclare - tratare biologică	EUR/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instalație TMB cu biocurare, inclusiv reciclare - tratare mecanică	EUR/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Depozitare	EUR/an	814.515	760.082	837.756	861.798	805.344	201.763	193.089	190.460	187.862	185.303	182.784	151.659	149.616	147.611	145.291	143.343	130.075	128.381	126.685	125.003	123.353	121.723	
Total costuri din operare	EUR/an	2.733.751	2.653.954	2.753.714	2.736.378	5.395.776	6.671.293	6.398.434	6.313.276	6.229.225	6.146.382	6.064.806	5.984.789	5.904.657	5.825.961	5.746.068	5.669.529	5.590.548	5.516.422	5.443.429	5.371.281	5.300.414	5.230.455	
Total deseuri municipale		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	
Total deseuri municipale		tone/an	49.334	47.389	46.770	46.159	45.557	44.964	44.630	44.040	43.461	42.888	42.324	41.770	41.222	40.685	40.153	39.631	39.115	38.606	38.104	37.609	37.121	36.640
Venituri		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	
Deșeuri reciclate	EUR/an	5.763	16.687	18.659	19.892	398.440	425.953	410.086	404.206	398.402	392.683	387.050	514.444	507.115	499.923	492.805	485.799	479.279	472.472	465.801	459.193	452.709	446.299	
Cantitate	tone/an	115	334	373	398	7.969	8.519	8.202	8.084	7.968	7.854	7.741	10.289	10.142	9.998	9.856	9.716	9.586	9.449	9.316	9.184	9.054	8.926	
Pret mediu	EUR/tona	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	
Deșeuri reciclate - costuri nete OTR	EUR/an	6.593	19.090	21.345	22.757	455.816	487.290	469.138	462.411	455.771	449.229	442.785	588.524	580.140	571.912	563.769	555.754	548.295	540.508	532.877	525.317	517.899	510.566	
Cantitate	tone/an	51	147	164	175	3.506	3.748	3.609	3.557	3.506	3.456	3.406	4.527	4.463	4.399	4.337	4.275	4.218	4.158	4.099	4.041	3.984	3.927	
Pret mediu	EUR/tona	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	
Compost	EUR/an	8.760	8.574	8.524	8.474	8.426	8.378	8.350	8.296	8.242	8.188	8.134	9.190	9.132	9.075	9.018	8.963	8.908	8.854	8.801	8.748	8.696	8.645	
Cantitate	tone/an	1.752	1.715	1.705	1.695	1.685	1.676	1.790	1.779	1.768	1.758	1.747	1.838	1.826	1.815	1.804	1.793	1.782	1.771	1.760	1.750	1.739	1.729	
Pret mediu	EUR/tona	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Digestat	EUR/an	9.340	8.949	8.827	8.706	8.586	8.469	8.289	8.203	8.119	8.037	7.953	4.891	4.827	4.763	4.699	4.637	4.575	4.514	4.455	4.395	4.337	4.279	
Cantitate	tone/an	1.868	1.790	1.765	1.741	1.717	1.694	1.258	1.241	1.224	1.203	1.187	978	965	953	940	927	915	903	891	879	867	856	
Pret mediu	EUR/tona	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Total venituri	EUR/an	30.456	53.301	57.354	59.829	871.268	930.090	894.463	881.716	869.134	856.718	844.507	1.117.049	1.101.214	1.085.672	1.070.291	1.055.153	1.041.058	1.026.348	1.011.933	997.653	983.640	969.789	
ANALIZA FINANCIARA		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	
Costuri de investitie	EUR	-	-	5.050.500	10.101.000	10.101.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Costuri cu reinvestitiile	EUR	-	-	-	-	-	-	-	-	-	-	8.575.000	-	-	-	-	-	-	-	-	-	8.575.000	-	-
Valoare reziduala	EUR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(6.002.500)
Costuri de exploatare	EUR	2.733.751	2.653.954	2.753.714	2.736.378	5.395.776	6.671.293	6.398.434	6.313.276	6.229.225	6.146.382	6.064.806	5.984.789	5.904.657	5.825.961	5.746.068	5.669.529	5.590.548	5.516.422	5.443.429	5.371.281	5.300.414	5.230.455	
Venituri	EUR	(30.456)	(53.301)	(57.354)	(59.829)	(871.268)	(930.090)	(894.463)	(881.716)	(869.134)	(856.718)	(844.507)	(1.117.049)	(1.101.214)	(1.085.672)	(1.070.291)	(1.055.153)	(1.041.058)	(1.026.348)	(1.011.933)	(997.653)	(983.640)	(969.789)	
Total cost net	EUR	2.703.295	2.600.653	2.746.859	2.776.202	6.266.508	5.741.203	5.503.972	5.431.560	5.360.091	5.289.665	5.219.299	4.839.282	4.803.444	4.740.289	4.675.777	4.614.376	4.549.490	4.490.074	4.431.496	4.376.628	4.316.774	4.257.229	(1.741.834)
Total deseuri municipale	tone/an	49.334	47.389	46.770	46.159	45.557	44.964	44.630	44.040	43.461	42.888	42.324	41.770	41.222	40.685	40.153	39.631	39.115	38.606	38.104	37.609	37.121	36.640	
Valoare Actualizata Neta - Investitii	EUR	28.377.426																						
Valoare Actualizata Neta - Costuri de operare nete	EUR	62.892.877																						
Valoare Actualizata Neta - Total	EUR	91.270.304																						
Cost Unitar Dinamic (CUD) - Investitii	EUR/tona	45,6																						
Cost Unitar Dinamic (CUD) - Costuri de operare nete	EUR/tona	101,1																						
Cost Unitar Dinamic (CUD) - Total	EUR/tona	146,7																						

La nivelul Municipiului Buzau

COSTURI DE OPERARE		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Cantitati procesate																							
Stație de transfer noua - Pogoanele	tone/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stație de transfer Cislau - marirea capacitatii	tone/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stație de transfer Beceni - modernizare	tone/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Extinderea sistemului de colectare separata a deșeurilor menajere si similare (inclusiv introducerea colectării separate a deșeurilor textile)	tone/an	35.902	35.768	36.009	35.055	34.122	33.236	32.369	31.972	31.579	31.193	30.813	30.738	30.359	29.986	29.620	29.257	28.901	28.550	28.204	27.863	27.528	27.198
Stație de sortare	tone/an	-	-	-	-	5.007	5.274	5.137	5.064	4.991	4.920	4.850	6.565	6.474	6.384	6.296	6.208	6.128	6.043	5.959	5.877	5.796	5.716
Stație de sortare Cislau - marirea capacitatii	tone/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stație de sortare Beceni - modernizare	tone/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost plătit pentru transportul RDF (rezultat din sortarea deșeurilor în amestec) la fabricile de ciment, include transportul (maxim 250 km)	tone/an	-	-	-	-	626	3.719	3.633	3.584	3.536	3.488	3.441	3.066	3.026	2.987	2.969	2.930	2.585	2.552	2.520	2.488	2.456	2.425
Instalație de compostare în sistem închis (tunel)	tone/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instalație de compostare a deșeurilor verzi	tone/an	-	-	-	-	-	-	-	-	2.070	2.073	2.077	2.036	2.040	2.044	2.048	2.052	2.018	2.022	2.026	2.031	2.035	2.039
Instalație de compostare digestat	tone/an	-	-	-	-	-	-	-	-	3.791	3.738	3.686	4.284	4.226	4.168	4.112	4.056	4.550	4.488	4.427	4.367	4.308	4.249
Instalație TMB cu digestie anaerobă – treapta mecanica	tone/an	-	-	-	-	-	-	-	-	12.271	12.109	11.949	9.507	9.387	9.269	9.126	9.011	7.399	7.312	7.224	7.137	7.051	6.967
Instalație cu digestie anaerobă – treapta biologica	tone/an	-	-	-	-	-	-	-	-	10.126	9.985	9.845	11.442	11.286	11.133	10.982	10.832	12.151	11.986	11.823	11.662	11.505	11.349
Instalație TMB cu bioușcare, inclusiv reciclare - tratare biologica	tone/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instalație TMB cu bioușcare, inclusiv reciclare - tratare mecanica	tone/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Depozitare	tone/an	25.989	25.554	27.803	26.995	25.045	3.616	3.517	3.471	3.426	3.382	3.338	2.921	2.884	2.848	2.807	2.772	2.516	2.486	2.456	2.426	2.397	2.368
Costuri unitare																							
Stație de transfer noua - Pogoanele	EUR/tona	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0
Stație de transfer Cislau - marirea capacitatii	EUR/tona	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0
Stație de transfer Beceni - modernizare	EUR/tona	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0
Extinderea sistemului de colectare separata a deșeurilor menajere si similare (inclusiv introducerea colectării separate a deșeurilor textile)		35,0	35,0	35,0	35,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0
Stație de sortare	EUR/tona	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0
Stație de sortare Cislau - marirea capacitatii	EUR/tona	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0
Stație de sortare Beceni - modernizare	EUR/tona	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0
Cost plătit pentru transportul RDF (rezultat din sortarea deșeurilor în amestec) la fabricile de ciment, include transportul (maxim 250 km)	EUR/tona	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0
Instalație de compostare în sistem închis (tunel)	EUR/tona	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0
Instalație de compostare a deșeurilor verzi	EUR/tona	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0
Instalație de compostare digestat	EUR/tona	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0
Instalație TMB cu digestie anaerobă – treapta mecanica	EUR/tona	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0
Instalație cu digestie anaerobă – treapta biologica	EUR/tona	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0
Instalație TMB cu bioușcare, inclusiv reciclare - tratare biologica	EUR/tona	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0
Instalație TMB cu bioușcare, inclusiv reciclare - tratare mecanica	EUR/tona	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0
Depozitare	EUR/tona	22,0	22,0	22,0	22,0	22,0	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5

Total costuri din operare																							
Stație de transfer noua - Pogoanele	EUR/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stație de transfer Cislau - marirea capacitatii	EUR/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stație de transfer Beceni - modernizare	EUR/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Extinderea sistemului de colectare separata a deșeurilor menajere si similare (inclusiv introducerea colectării separate a deșeurilor textile)	EUR/an	1.256.570	1.251.880	1.260.315	1.226.925	2.559.150	2.492.700	2.427.675	2.397.900	2.368.425	2.339.475	2.310.975	2.305.350	2.276.925	2.248.950	2.221.500	2.194.275	2.167.575	2.141.250	2.115.300	2.089.725	2.064.600	2.039.850
Stație de sortare	EUR/an	-	-	-	-	175.233	184.579	179.798	177.234	174.694	172.200	169.744	229.790	226.586	223.435	220.343	217.276	214.465	211.500	208.576	205.694	202.864	200.076
Stație de sortare Cislau - marirea capacitatii	EUR/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stație de sortare Beceni - modernizare	EUR/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost plătit pentru transportul RDF (rezultat din sortarea deșeurilor în amestec) la fabricile de ciment, include transportul (maxim 250 km)	EUR/an	-	-	-	-	6.264	37.187	36.333	35.843	35.357	34.881	34.411	30.659	30.260	29.867	29.687	29.302	25.848	25.522	25.197	24.877	24.562	24.252
Instalație de compostare în sistem închis (tunel)	EUR/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instalație de compostare a deșeurilor verzi	EUR/an	-	-	-	-	-	-	-	-	31.045	31.099	31.153	30.543	30.602	30.661	30.718	30.776	30.272	30.335	30.397	30.459	30.519	30.578
Instalație de compostare digestat	EUR/an	-	-	-	-	-	-	-	-	75.829	74.769	73.725	85.685	84.516	83.365	82.236	81.116	90.992	89.754	88.534	87.332	86.151	84.988
Instalație TMB cu digestie anaerobă - treapta mecanica	EUR/an	-	-	-	-	-	-	-	-	613.535	605.436	597.466	475.332	469.336	463.433	456.295	450.571	369.927	365.610	361.190	356.834	352.553	348.336
Instalație cu digestie anaerobă - treapta biologica	EUR/an	-	-	-	-	-	-	-	-	506.305	499.228	492.260	572.115	564.308	556.625	549.087	541.610	607.548	599.286	591.141	583.114	575.228	567.460
Instalație TMB cu biocurare, inclusiv reciclare - tratare biologica	EUR/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instalație TMB cu biocurare, inclusiv reciclare - tratare mecanica	EUR/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Depozitare	EUR/an	571.747	562.187	611.657	593.888	550.995	135.592	131.872	130.165	128.477	126.818	125.185	109.539	108.168	106.818	105.275	103.964	94.347	93.221	92.087	90.969	89.870	88.788
Total costuri din operare	EUR/an	1.828.317	1.814.067	1.871.972	1.820.813	3.291.642	2.850.059	2.775.678	2.741.142	3.933.667	3.883.905	3.834.918	3.839.012	3.790.701	3.743.154	3.695.141	3.648.889	3.600.974	3.556.478	3.512.422	3.469.003	3.426.347	3.384.328
Total deșeuri municipale																							
Total deșeuri municipale	tone/an	33.236	32.369	31.972	31.579	31.193	30.813	30.738	30.359	29.986	29.620	29.257	28.901	28.550	28.204	27.863	27.528	27.198	26.870	26.548	26.229	25.916	25.608
Venituri																							
Deșeuri reciclate	EUR/an	60.460	182.618	199.530	193.497	204.650	215.549	209.831	206.837	203.871	200.958	198.090	268.170	264.428	260.748	257.138	253.555	250.257	246.793	243.378	240.012	236.708	233.452
Cantitate	tone/an	1.209	3.652	3.991	3.870	4.093	4.311	4.197	4.137	4.077	4.019	3.962	5.289	5.215	5.143	5.071	5.005	4.936	4.868	4.800	4.734	4.669	
Pret mediu	EUR/tona	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0
Deșeuri reciclate - costuri nete OTR	EUR/an	69.166	208.915	228.262	221.360	234.120	246.588	240.047	236.622	233.228	229.896	226.615	306.787	302.506	298.296	294.166	290.067	286.294	282.331	278.425	274.574	270.794	267.069
Cantitate	tone/an	532	1.607	1.756	1.703	1.801	1.897	1.847	1.820	1.794	1.768	1.743	2.360	2.327	2.295	2.263	2.231	2.202	2.172	2.142	2.112	2.083	2.054
Pret mediu	EUR/tona	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130
Compost	EUR/an	8.279	8.174	8.137	8.100	8.064	8.029	8.435	8.395	8.356	8.318	8.280	8.615	8.573	8.531	8.491	8.450	8.411	8.372	8.333	8.295	8.258	8.221
Cantitate	tone/an	1.656	1.635	1.627	1.620	1.613	1.606	1.687	1.679	1.671	1.664	1.656	1.723	1.715	1.706	1.698	1.690	1.682	1.674	1.667	1.659	1.652	1.644
Pret mediu	EUR/tona	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Digestat	EUR/an	6.049	5.897	5.820	5.744	5.669	5.595	4.417	4.361	4.306	4.239	4.186	3.426	3.385	3.344	3.304	3.264	3.225	3.186	3.148	3.110	3.073	3.037
Cantitate	tone/an	1.210	1.179	1.164	1.149	1.134	1.119	883	872	861	848	837	685	677	669	661	653	645	637	630	622	615	607
Pret mediu	EUR/tona	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Total venituri	EUR/an	143.953	405.603	441.749	428.701	452.503	475.762	462.729	456.214	449.761	443.411	437.171	586.997	578.892	570.919	563.098	555.337	548.186	540.682	533.284	525.992	518.832	511.778
ANALIZA FINANCIARA																							
Costuri de investitie	EUR	-	-	3.348.500	6.697.000	6.697.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Costuri cu reinvestitiile	EUR	-	-	-	-	-	-	-	-	-	-	-	6.475.000	-	-	-	-	-	-	-	6.475.000	-	-
Valoare reziduala	EUR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(4.532.500)
Costuri de exploatare	EUR	1.828.317	1.814.067	1.871.972	1.820.813	3.291.642	2.850.059	2.775.678	2.741.142	3.933.667	3.883.905	3.834.918	3.839.012	3.790.701	3.743.154	3.695.141	3.648.889	3.600.974	3.556.478	3.512.422	3.469.003	3.426.347	3.384.328
Venituri	EUR	(143.953)	(405.603)	(441.749)	(428.701)	(452.503)	(475.762)	(462.729)	(456.214)	(449.761)	(443.411)	(437.171)	(586.997)	(578.892)	(570.919)	(563.098)	(555.337)	(548.186)	(540.682)	(533.284)	(525.992)	(518.832)	(511.778)
Total cost net	EUR	1.684.364	1.408.464	4.778.724	8.089.112	9.536.139	2.374.297	2.312.949	2.284.928	3.483.906	3.440.494	9.872.748	3.252.015	3.211.809	3.172.235	3.132.043	3.093.552	3.052.788	3.015.796	2.979.138	9.418.011	2.907.515	(1.659.950)
Total deșeuri municipale	tone/an	33.236	32.369	31.972	31.579	31.193	30.813	30.738	30.359	29.986	29.620	29.257	28.901	28.550	28.204	27.863	27.528	27.198	26.870	26.548	26.229	25.916	25.608
Valoare Actualizata Neta - Investitii	EUR	19.454.503																					
Valoare Actualizata Neta - Costuri de operare nete	EUR	37.483.478																					
Valoare Actualizata Neta - Total	EUR	56.937.981																					
Cost Unitar Dinamic (CUD) - Investitii	EUR/tona	45,4																					
Cost Unitar Dinamic (CUD) - Costuri de operare nete	EUR/tona	87,5																					
Cost Unitar Dinamic (CUD) - Total	EUR/tona	132,9																					

ANEXA 6. Analiza financiară Alternativa 2

La nivelul întregului județ fara Municipiul Buzău

COSTURI DE OPERARE		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Cantități procesate																							
Stație de transfer noua - Pogoanele	tone/an	-	-	-	-	5.463	5.363	5.158	5.090	5.024	4.959	4.894	4.702	4.639	4.577	4.513	4.453	4.393	4.332	4.273	4.217	4.160	4.105
Stație de transfer Cislau - mărirea capacității	tone/an	-	-	-	-	9.221	9.032	8.717	8.607	8.497	8.389	8.282	7.930	7.825	7.718	7.617	7.515	7.416	7.316	7.217	7.122	7.027	6.936
Stație de transfer Beceni - modernizare	tone/an	2.169	2.268	2.512	2.661	2.639	2.603	2.482	2.448	2.415	2.381	2.350	2.275	2.242	2.211	2.180	2.150	2.120	2.090	2.060	2.030	2.002	1.974
Extinderea sistemului de colectare separată a deșeurilor menajere și similare (inclusiv introducerea colectării separate a deșeurilor textile)	tone/an	52.966	51.908	52.298	50.968	50.228	49.334	47.389	46.770	46.159	45.557	44.964	44.630	44.040	43.461	42.888	42.324	41.770	41.222	40.685	40.153	39.631	39.115
Stație de sortare noua - Pogoanele	tone/an	-	-	-	-	9.363	10.004	9.635	9.497	9.361	9.226	9.094	12.089	11.917	11.748	11.581	11.417	11.264	11.104	10.948	10.793	10.640	10.490
Stație de sortare Cislau - mărirea capacității	tone/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stație de sortare Beceni - modernizare	tone/an	134	388	434	463	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost plătit pentru transportul RDF (rezultat din sortarea deșeurilor în amestec) la fabricile de ciment, include transportul (maxim 250 km)	tone/an	-	-	-	-	775	7.271	6.869	6.735	6.603	6.472	6.343	7.520	7.417	7.317	7.191	7.093	6.275	6.190	6.107	6.025	5.944	5.865
Instalație de compostare în sistem închis (tunel)	tone/an	-	-	-	-	-	14.854	14.122	13.925	13.730	13.539	13.351	15.605	15.389	15.177	14.968	14.761	16.547	16.318	16.093	15.871	15.653	15.438
Instalație de compostare a deșeurilor verzi	tone/an	-	-	-	-	-	2.099	2.099	2.099	2.099	2.099	2.099	2.099	2.099	2.099	2.099	2.099	2.099	2.099	2.099	2.099	2.099	2.099
Instalație de compostare digestat	tone/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instalație TMB cu digestie anaerobă - treaptă mecanică	tone/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instalație cu digestie anaerobă - treaptă biologică	tone/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instalație TMB cu biogaz, inclusiv recidare - tratare biologică	tone/an	-	-	-	-	-	13.919	12.862	12.521	12.185	11.854	11.530	15.064	14.859	14.658	14.450	14.255	12.194	12.036	11.876	11.717	11.562	11.408
Instalație TMB cu biogaz, inclusiv recidare - tratare mecanică	tone/an	-	-	-	-	-	22.653	21.538	21.178	20.823	20.474	20.132	15.783	15.569	15.359	15.110	14.906	12.803	12.637	12.470	12.303	12.140	11.979
Depozitare	tone/an	37.023	34.549	37.757	38.812	37.139	7.652	7.395	7.316	7.237	7.159	7.083	4.176	4.121	4.067	4.012	3.960	3.686	3.639	3.592	3.546	3.501	3.456
Costuri unitare																							
Stație de transfer noua - Pogoanele	EUR/tona	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0
Stație de transfer Cislau - mărirea capacității	EUR/tona	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0
Stație de transfer Beceni - modernizare	EUR/tona	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0
Extinderea sistemului de colectare separată a deșeurilor menajere și similare (inclusiv introducerea colectării separate a deșeurilor textile)		35,0	35,0	35,0	35,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0
Stație de sortare noua - Pogoanele	EUR/tona	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0
Stație de sortare Cislau - mărirea capacității	EUR/tona	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0
Stație de sortare Beceni - modernizare	EUR/tona	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0
Cost plătit pentru transportul RDF (rezultat din sortarea deșeurilor în amestec) la fabricile de ciment, include transportul (maxim 250 km)	EUR/tona	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0
Instalație de compostare în sistem închis (tunel)	EUR/tona	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0
Instalație de compostare a deșeurilor verzi	EUR/tona	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0
Instalație de compostare digestat	EUR/tona	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0
Instalație TMB cu digestie anaerobă - treaptă mecanică	EUR/tona	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0
Instalație cu digestie anaerobă - treaptă biologică	EUR/tona	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0
Instalație TMB cu biogaz, inclusiv recidare - tratare biologică	EUR/tona	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0
Instalație TMB cu biogaz, inclusiv recidare - tratare mecanică	EUR/tona	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0
Depozitare	EUR/tona	22,0	22,0	22,0	22,0	22,0	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5

Total costuri din operare																					
Stație de transfer noua - Pogoanele	EUR/an	-	-	-	-	152.963	150.164	144.427	142.518	140.669	138.852	137.029	131.653	129.885	128.145	126.370	124.688	122.998	121.310	119.645	118.077
Stație de transfer Cislau - marirea capacitatii	EUR/an	-	-	-	-	258.184	252.888	244.069	240.994	237.912	234.887	231.893	222.048	219.097	216.105	213.269	210.425	207.640	204.851	202.085	199.409
Stație de transfer Beceni - modernizare	EUR/an	60.730	63.499	70.333	74.505	73.887	72.879	69.492	68.539	67.616	66.661	65.796	63.696	62.768	61.900	61.032	60.192	59.351	58.509	57.667	56.853
Extinderea sistemului de colectare separata a deșeurilor menajere si similare (inclusiv introducerea colectării separate a deșeurilor textile)	EUR/an	1.853.810	1.816.780	1.830.430	1.783.880	3.767.100	3.700.050	3.554.175	3.507.750	3.461.925	3.416.775	3.372.300	3.347.250	3.303.000	3.259.575	3.216.600	3.174.300	3.132.750	3.091.650	3.051.375	3.011.475
Stație de sortare noua - Pogoanele	EUR/an	-	-	-	-	327.688	350.139	337.223	332.391	327.621	322.921	318.292	423.128	417.104	411.194	405.344	399.586	394.246	388.652	383.169	377.738
Stație de sortare Cislau - marirea capacitatii	EUR/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stație de sortare Beceni - modernizare	EUR/an	4.696	13.593	15.195	16.195	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost plătit pentru transportul RDF (rezultat din sortarea deșeurilor în amestec) la fabricile de ciment, include transportul (maxim 250 km)	EUR/an	-	-	-	-	7.754	72.706	68.694	67.352	66.026	64.719	63.433	75.200	74.173	73.165	71.912	70.934	62.753	61.904	61.075	60.252
Instalație de compostare în sistem închis (tunel)	EUR/an	-	-	-	-	-	297.088	282.431	278.491	274.610	270.786	267.011	312.092	307.775	303.540	299.355	295.227	330.937	326.361	321.870	317.425
Instalație de compostare a deșeurilor verzi	EUR/an	-	-	-	-	-	31.491	31.491	31.491	31.491	31.491	31.491	31.491	31.491	31.491	31.491	31.491	31.491	31.491	31.491	31.491
Instalație de compostare digestat	EUR/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instalație TMB cu digestie anaerobă – treapta mecanica	EUR/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instalație cu digestie anaerobă – treapta biologica	EUR/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instalație TMB cu bioscure, inclusiv reciclare - tratare biologica	EUR/an	-	-	-	-	-	417.579	385.855	375.619	365.535	355.626	345.903	451.917	445.779	439.751	433.499	427.635	365.824	361.073	356.278	351.519
Instalație TMB cu bioscure, inclusiv reciclare - tratare mecanica	EUR/an	-	-	-	-	-	906.105	861.521	847.116	832.925	818.978	805.288	631.329	622.766	614.359	604.386	596.225	512.133	505.484	498.781	492.130
Depozitare	EUR/an	814.515	760.082	830.652	853.868	817.048	286.936	277.330	274.334	271.382	268.480	265.630	156.597	154.544	152.528	150.465	148.503	138.220	136.469	134.718	132.982
Total costuri din operare	EUR/an	2.733.751	2.653.954	2.746.610	2.728.448	5.404.625	6.538.025	6.256.708	6.166.594	6.077.712	5.990.178	5.904.067	5.846.401	5.768.382	5.691.755	5.613.721	5.539.206	5.358.344	5.287.754	5.218.153	5.149.352
Total deșeuri municipale																					
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
Total deșeuri municipale	tone/an	49.334	47.389	46.770	46.159	45.557	44.964	44.630	44.040	43.461	42.888	42.324	41.770	41.222	40.685	40.153	39.631	39.115	38.606	38.104	37.609
Venituri																					
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
Deșeuri reciclate	EUR/an	5.763	16.687	18.659	19.892	398.440	425.953	410.086	404.206	398.402	392.683	387.050	514.444	507.115	499.923	492.805	485.799	479.279	472.472	465.801	459.193
Cantitate	tone/an	115	334	373	398	7.969	8.519	8.202	8.084	7.968	7.854	7.741	10.289	10.142	9.998	9.856	9.716	9.586	9.449	9.316	9.184
Pret mediu	EUR/tona	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0
Deșeuri reciclate - costuri nete OTR	EUR/an	6.593	19.090	21.345	22.757	455.816	487.290	469.138	462.411	455.771	449.229	442.785	588.524	580.140	571.912	563.769	555.754	548.295	540.508	532.877	525.317
Cantitate	tone/an	51	147	164	175	3.506	3.748	3.609	3.557	3.506	3.456	3.406	4.527	4.463	4.399	4.337	4.275	4.218	4.158	4.099	4.041
Pret mediu	EUR/tona	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130
Compost	EUR/an	10.095	10.100	10.105	10.110	10.115	10.120	10.125	10.130	10.135	10.140	10.145	10.150	10.155	10.160	10.165	10.170	10.175	10.180	10.185	10.190
Cantitate	tone/an	2.019	2.020	2.021	2.022	2.023	2.024	2.025	2.026	2.027	2.028	2.029	2.030	2.031	2.032	2.033	2.034	2.035	2.036	2.037	2.038
Pret mediu	EUR/tona	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Digestat	EUR/an	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cantitate	tone/an	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pret mediu	EUR/tona	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Total venituri	EUR/an	22.451	45.878	50.109	52.759	864.371	923.363	889.348	876.747	864.308	852.053	839.980	1.113.118	1.097.410	1.081.995	1.066.739	1.051.723	1.037.749	1.023.160	1.008.863	994.699
ANALIZA FINANCIARA																					
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
Costuri de investitie	EUR	-	-	4.627.900	9.255.800	9.255.800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Costuri cu reinvestitiile	EUR	-	-	-	-	-	-	-	-	-	-	8.575.000	-	-	-	-	-	-	-	-	8.575.000
Valoare reziduala	EUR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(6.002.500)
Costuri de exploatare	EUR	2.733.751	2.653.954	2.746.610	2.728.448	5.404.625	6.538.025	6.256.708	6.166.594	6.077.712	5.990.178	5.904.067	5.846.401	5.768.382	5.691.755	5.613.721	5.539.206	5.358.344	5.287.754	5.218.153	5.149.352
Venituri	EUR	(22.451)	(45.878)	(50.109)	(52.759)	(864.371)	(923.363)	(889.348)	(876.747)	(864.308)	(852.053)	(839.980)	(1.113.118)	(1.097.410)	(1.081.995)	(1.066.739)	(1.051.723)	(1.037.749)	(1.023.160)	(1.008.863)	(994.699)
Total cost net	EUR	2.711.300	2.608.076	7.324.401	11.931.489	13.796.054	5.614.662	5.367.360	5.289.847	5.213.404	5.138.125	13.639.086	4.733.283	4.670.972	4.609.760	4.546.982	4.487.483	4.320.595	4.264.595	4.209.290	12.729.653
Total deșeuri municipale	tone/an	49.334	47.389	46.770	46.159	45.557	44.964	44.630	44.040	43.461	42.888	42.324	41.770	41.222	40.685	40.153	39.631	39.115	38.606	38.104	37.609
Valoare Actualizata Neta - Investitii	EUR	26.584.563																			
Valoare Actualizata Neta - Costuri de operare nete	EUR	61.308.650																			
Valoare Actualizata Neta - Total	EUR	87.893.213																			
Cost Unitar Dinamic (CUD) - Investitii	EUR/tona	42,7																			
Cost Unitar Dinamic (CUD) - Costuri de operare nete	EUR/tona	98,5																			
Cost Unitar Dinamic (CUD) - Total	EUR/tona	141,2																			

La nivelul Municipiului Buzau

COSTURI DE OPERARE		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Cantitati procesate																							
Stație de transfer noua - Pogoanele	tone/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stație de transfer Cislau - marirea capacitatii	tone/an	2.019	2.020	2.021	2.022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stație de transfer Beceni - modernizare	tone/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Extinderea sistemului de colectare separata a deșeurilor menajere si similare (inclusiv introducerea colectării separate a deșeurilor textile)	tone/an	35.902	35.768	36.009	35.055	34.122	33.236	32.369	31.972	31.579	31.193	30.813	30.738	30.359	29.986	29.620	29.257	28.901	28.550	28.204	27.863	27.528	27.198
Stație de sortare noua - Pogoanele	tone/an	-	-	-	-	5.007	5.274	5.137	5.064	4.991	4.920	4.850	6.565	6.474	6.384	6.296	6.208	6.128	6.043	5.959	5.877	5.796	5.716
Stație de sortare Cislau - marirea capacitatii	tone/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stație de sortare Beceni - modernizare	tone/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cost plătit pentru transportul RDF (rezultat din sortarea deșeurilor în amestec) la fabricile de ciment, include transportul (maxim 250 km)	tone/an	-	-	-	-	443	6.541	6.381	6.296	6.211	6.128	6.046	5.228	5.161	5.095	5.015	4.951	4.360	4.305	4.252	4.199	4.147	4.096
Instalație de compostare în sistem închis (tunel)	tone/an	-	-	-	-	-	10.828	10.416	10.270	10.126	9.985	9.845	11.442	11.286	11.133	10.982	10.832	12.151	11.986	11.823	11.662	11.505	11.349
Instalație de compostare a deșeurilor verzi	tone/an	-	-	-	-	-	2.328	2.328	2.328	2.328	2.328	2.328	2.328	2.328	2.328	2.328	2.328	2.328	2.328	2.328	2.328	2.328	2.328
Instalație de compostare digestat	tone/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instalație TMB cu digestie anaerobă - treapta mecanica	tone/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instalație cu digestie anaerobă - treapta biologica	tone/an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instalație TMB cu biouiscare, inclusiv recidare - tratare biologica	tone/an	-	-	-	-	-	13.938	13.477	13.261	13.048	12.839	12.635	10.648	10.513	10.380	10.243	10.113	8.610	8.508	8.404	8.301	8.200	8.101
Instalație TMB cu biouiscare, inclusiv recidare - tratare mecanica	tone/an	-	-	-	-	-	14.792	14.302	14.073	13.847	13.625	13.407	11.202	11.060	10.921	10.757	10.622	9.092	8.984	8.874	8.766	8.660	8.555
Depozitare	tone/an	25.989	25.554	27.579	26.760	25.386	3.665	3.547	3.495	3.443	3.393	3.343	3.070	3.033	2.997	2.960	2.924	2.725	2.694	2.662	2.631	2.600	2.570
Costuri unitare																							
Stație de transfer noua - Pogoanele	EUR/tona	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0
Stație de transfer Cislau - marirea capacitatii	EUR/tona	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0
Stație de transfer Beceni - modernizare	EUR/tona	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0	28,0
Extinderea sistemului de colectare separata a deșeurilor menajere si similare (inclusiv introducerea colectării separate a deșeurilor textile)		35,0	35,0	35,0	35,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0
Stație de sortare noua - Pogoanele	EUR/tona	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0
Stație de sortare Cislau - marirea capacitatii	EUR/tona	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0
Stație de sortare Beceni - modernizare	EUR/tona	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0	35,0
Cost plătit pentru transportul RDF (rezultat din sortarea deșeurilor în amestec) la fabricile de ciment, include transportul (maxim 250 km)	EUR/tona	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0
Instalație de compostare în sistem închis (tunel)	EUR/tona	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0
Instalație de compostare a deșeurilor verzi	EUR/tona	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0
Instalație de compostare digestat	EUR/tona	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0	20,0
Instalație TMB cu digestie anaerobă - treapta mecanica	EUR/tona	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0
Instalație cu digestie anaerobă - treapta biologica	EUR/tona	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0
Instalație TMB cu biouiscare, inclusiv recidare - tratare biologica	EUR/tona	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0
Instalație TMB cu biouiscare, inclusiv recidare - tratare mecanica	EUR/tona	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0
Depozitare	EUR/tona	22,0	22,0	22,0	22,0	22,0	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5	37,5

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