

Anexa 8-5 Sinteza costuri și determinare VAN (Valoare Actualizată Netă)

Județul COVASNA	U.M.	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Alimentare cu apă												
Costuri de investiții	euro	-	1,121,049	1,121,049	1,121,049	1,121,049	1,121,049	1,121,049	1,121,049	26,689,133	30,950,481	30,950,481
Costuri de înlocuire / reînvestiri	euro	-	-	-	-	-	-	-	-	45,945	45,945	45,945
Costuri de operare și întreținere	euro		3,301,903	3,522,951	3,396,322	3,743,905	3,914,954	4,254,436	4,438,194	5,429,385	5,752,176	5,951,387
Total costuri	euro	-	4,422,952	4,644,000	4,517,371	4,864,954	5,036,003	5,375,485	5,559,243	32,164,463	36,748,601	36,947,813
Volum de apă	mc	4,840,129	4,735,855	4,713,648	4,564,850	4,698,315	4,620,248	4,929,626	5,219,792	5,513,613	5,803,683	6,089,252
cost unitar	euro/mc	-	0.93	0.99	0.99	1.04	1.09	1.09	1.07	5.83	6.33	6.07
Apă uzată												
Costuri de investiții	euro	-	4,235,603	4,235,603	4,235,603	4,235,603	4,235,603	4,235,603	4,235,603	16,006,878	17,968,757	17,968,757
Costuri de înlocuire / reînvestiri	euro	-	-	-	-	-	-	-	-	173,590	173,590	173,590
Costuri de operare și întreținere	euro	-	2,602,806	2,228,365	2,203,408	2,200,626	2,544,185	2,464,822	2,582,431	3,187,791	3,377,703	3,514,983
Total costuri	euro	-	6,838,409	6,463,968	6,439,011	6,436,229	6,779,788	6,700,425	6,818,034	19,368,259	21,520,050	21,657,330
Volum apă uzată	mc	4,996,835	4,956,456	4,622,063	4,686,773	4,478,719	4,668,927	4,461,739	4,620,313	4,783,190	4,944,154	5,102,369
cost unitar	euro/mc	-	1.38	1.40	1.37	1.44	1.45	1.50	1.48	4.05	4.35	4.24

2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
4,813,525	4,813,525	4,813,525	4,813,525	-	-	-	-	-	-	-
45,945	45,945	45,945	45,945	1,106,804	1,283,614	1,283,614	197,276	197,276	197,276	197,276
5,837,519	5,931,054	6,026,249	6,123,133	6,221,740	6,322,102	6,424,250	6,531,318	6,629,001	6,728,406	6,829,564
10,696,989	10,790,524	10,885,718	10,982,603	7,328,544	7,605,715	7,707,864	6,728,593	6,826,277	6,925,681	7,026,839
8,496,036	8,498,314	8,500,246	8,501,836	8,503,089	8,504,009	8,504,601	8,512,508	8,492,604	8,472,704	8,452,809
1.26	1.27	1.28	1.29	0.86	0.89	0.91	0.79	0.80	0.82	0.83
27,327,186	27,327,186	27,327,186	27,327,186	370,200	370,200	370,200	370,200	370,200	370,200	370,200
173,590	173,590	173,590	173,590	656,020	736,424	736,424	1,119,967	1,119,967	1,119,967	1,119,967
5,413,680	5,524,191	5,642,646	5,770,630	5,101,480	5,255,275	5,426,781	5,623,911	5,837,245	6,086,784	6,383,375
32,914,456	33,024,968	33,143,423	33,271,406	6,127,700	6,361,900	6,533,405	7,114,078	7,327,412	7,576,950	7,873,542
8,579,799	8,582,061	8,583,980	8,585,559	8,586,803	8,587,717	8,588,305	8,596,157	8,576,391	8,556,630	8,536,872
3.84	3.85	3.86	3.88	0.71	0.74	0.76	0.83	0.85	0.89	0.92

2035	2036	2037	2038	2039	2040	2041	2042	2043
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
6,932,508	7,037,272	7,143,890	7,252,398	7,362,830	7,475,223	7,597,794	7,722,680	-
6,932,508	7,037,272	7,143,890	7,252,398	7,362,830	7,475,223	7,597,794	7,722,680	-
8,432,918	8,413,033	8,393,154	8,373,281	8,353,416	8,333,558	8,330,469	8,327,331	8,324,145
0.82	0.84	0.85	0.87	0.88	0.90	0.91	0.93	-
-	-	-	-	-	-	-	-	-
15,172	15,172	15,172	15,172	15,172	15,172	15,172	15,172	15,172
6,741,700	7,181,765	7,731,040	8,427,516	9,324,138	10,495,246	12,055,011	14,144,779	-
6,756,872	7,196,938	7,746,212	8,442,689	9,339,310	10,510,418	12,070,183	14,159,951	15,172
8,517,120	8,497,373	8,477,632	8,457,897	8,438,170	8,418,450	8,415,383	8,412,267	8,409,103
0.79	0.85	0.91	1.00	1.11	1.25	1.43	1.68	0.00

Etapă 2: 2014-2023, POIM si alte fonduri	Alimentare cu apa	Apa uzata	TOTAL
Costuri investitie	96,437,439	81,593,612	178,031,051
Costuri reinvestiri / inlocuiri	137,834	520,771	658,605
Costuri operare si intratinere	43,705,613	26,907,120	70,612,734
Total	140,280,886	109,021,503	249,302,389

Etapă 3: 2024 - 2027 (euro)	Alimentare cu apa	Apa uzata	TOTAL
Costuri investitie	19,254,100	109,678,945	128,933,046
Costuri reinvestiri / inlocuiri	1,277,595	1,350,381	2,627,976
Costuri operare si intratinere	30,139,696	27,452,627	57,592,322
Total	50,671,392	138,481,953	189,153,344

Etapă 4: 2028-2034 (euro)	Alimentare cu apa	Apa uzata	TOTAL
Costuri investitie	-	2,591,402	2,591,402
Costuri reinvestiri / inlocuiri	4,419,844	6,608,735	11,028,579
Costuri operare si intratinere	45,686,380	39,714,851	85,401,231
Total	50,106,224	48,914,988	99,021,212

DPC (euro)	Alimentare cu apa	Apa uzata	TOTAL
TOTAL	1.43	1.78	3.24
DPC investitie	0.65	1.07	1.72
DPC reinvestiri	0.02	0.03	0.05
DPC O&M	0.79	0.68	1.46

DPC (lei)	Alimentare cu apa	Apa uzata	TOTAL
TOTAL	7.02	8.54	15.56
DPC investitie	3.14	5.14	8.28
DPC reinvestiri	0.10	0.16	0.26
DPC O&M	3.78	3.24	7.02