

Reference scenario						
Hungary	Number of agglomerations	generated load (p.e.)	Emissions BOD (t/a)	Emissions COD (t/a)	Emissions Not (t/a)	Emissions Plot (t/a)
collected and other tertiary treatment	70	1,202,273	1,993	4,547	1,406	310
collected and tertiary treatment (3NP)	60	1,916,032	1,441	4,900	1,450	271
collected and tertiary treatment (3N)	12	373,165	235	1,063	188	72
collected and tertiary treatment (3P)	8	170,866	81	358	211	16
collected and partly other tertiary treatment						
collected and partially tertiary treatment (3NP)						
collected and partially tertiary treatment (3N)						
collected and partially tertiary treatment (3P)						
collected and secondary treatment	40	417,077	663	1,411	353	79
collected and partially secondary treatment						
collected and primary treatment	5	39,797	545	944	101	18
collected and partially primary treatment						
<b>collected and treatment - total</b>	<b>195</b>	<b>4,119,210</b>	<b>4,959</b>	<b>13,224</b>	<b>3,709</b>	<b>768</b>
collected and no treatment	2	234,494	5,968	9,822	478	146
not collected and not treated						
<b>Total</b>	<b>197</b>	<b>4,353,704</b>	<b>10,927</b>	<b>23,046</b>	<b>4,186</b>	<b>911</b>

Romania	Number of agglomerations	generated load (p.e.)	Emissions BOD (t/a)	Emissions COD (t/a)	Emissions Not (t/a)	Emissions Plot (t/a)
collected and other tertiary treatment						
collected and tertiary treatment (3NP)	0	0	0	0	0	0
collected and tertiary treatment (3N)	1	384,000	585	3,103	412	50
collected and tertiary treatment (3P)	0	0	0	0	0	0
collected and partly other tertiary treatment						
collected and partially tertiary treatment (3NP)	0	0	0	0	0	0
collected and partially tertiary treatment (3N)	4	47,543	565	1,140	98	16
collected and partially tertiary treatment (3P)	0	0	0	0	0	0
collected and secondary treatment	15	1,474,023	12,569	27,181	4,714	485
collected and partially secondary treatment	40	1,116,091	28,299	33,312	3,217	642
collected and primary treatment	4	165,819	1,739	3,819	748	90
collected and partially primary treatment	38	334,080	6,100	12,014	1,192	189
<b>collected and treatment - total</b>	<b>102</b>	<b>3,521,536</b>	<b>49,859</b>	<b>80,550</b>	<b>10,382</b>	<b>1,476</b>
collected and no treatment	77	504,933	10,085	18,976	1,869	272
not collected and not treated	484	1,817,126	38,725	70,997	5,680	966
<b>Total</b>	<b>663</b>	<b>5,843,615</b>	<b>98,669</b>	<b>170,523</b>	<b>17,931</b>	<b>2,716</b>

Serbia	Number of agglomerations	generated load (p.e.)	Emissions BOD (t/a)	Emissions COD (t/a)	Emissions Not (t/a)	Emissions Plot (t/a)
collected and other tertiary treatment						
collected and tertiary treatment (3NP)						
collected and tertiary treatment (3N)						
collected and tertiary treatment (3P)						
collected and partly other tertiary treatment						
collected and partially tertiary treatment (3NP)						
collected and partially tertiary treatment (3N)						
collected and partially tertiary treatment (3P)						
collected and secondary treatment	6	262,691	419	1,065	219	55
collected and partially secondary treatment						
collected and primary treatment						
collected and partially primary treatment						
<b>collected and treatment - total</b>	<b>6</b>	<b>262,691</b>	<b>419</b>	<b>1,065</b>	<b>219</b>	<b>55</b>
collected and no treatment	11	127,891	2,781	5,101	341	78
not collected and not treated	88	375,709	8,228	15,085	1,207	247
<b>Total</b>	<b>105</b>	<b>766,291</b>	<b>11,428</b>	<b>21,251</b>	<b>1,767</b>	<b>379</b>

Slovakia	Number of agglomerations	generated load (p.e.)	Emissions BOD (t/a)	Emissions COD (t/a)	Emissions Not (t/a)	Emissions Plot (t/a)
collected and other tertiary treatment						
collected and tertiary treatment (3NP)	1	50,380	61	243	37	5
collected and tertiary treatment (3N)	2	226,370	257	716	408	66
collected and tertiary treatment (3P)						
collected and partly other tertiary treatment						
collected and partially tertiary treatment (3NP)	3	117,110	308	728	201	25
collected and partially tertiary treatment (3N)	1	11,160	172	325	31	6
collected and partially tertiary treatment (3P)	1	2,390	30	55	6	1
collected and secondary treatment	10	212,290	1,025	2,237	469	61
collected and partially secondary treatment	36	280,420	2,978	5,721	736	124
collected and primary treatment						
collected and partially primary treatment						
<b>collected and treatment - total</b>	<b>54</b>	<b>800,120</b>	<b>4,630</b>	<b>10,025</b>	<b>1,881</b>	<b>287</b>
collected and no treatment	16	53,330	804	1,519	166	20
not collected and not treated	18	49,760	1,090	1,998	160	28
<b>Total</b>	<b>88</b>	<b>1,003,210</b>	<b>6,724</b>	<b>13,542</b>	<b>2,207</b>	<b>344</b>

Ukraine	Number of agglomerations	generated load (p.e.)	Emissions BOD (t/a)	Emissions COD (t/a)	Emissions Not (t/a)	Emissions Plot (t/a)
collected and other tertiary treatment						
collected and tertiary treatment (3NP)						
collected and tertiary treatment (3N)						
collected and tertiary treatment (3P)						
collected and partly other tertiary treatment						
collected and partially tertiary treatment (3NP)						
collected and partially tertiary treatment (3N)						
collected and partially tertiary treatment (3P)						
collected and secondary treatment	19	414,590	1,183	1,610	852	312
collected and partially secondary treatment	1	7,900	1	1	19	3
collected and primary treatment						
collected and partially primary treatment						
<b>collected and treatment - total</b>	<b>20</b>	<b>422,490</b>	<b>1,184</b>	<b>1,612</b>	<b>871</b>	<b>315</b>
collected and no treatment	5	46,700	34	46	89	18
not collected and not treated						
<b>Total</b>	<b>25</b>	<b>469,190</b>	<b>1,219</b>	<b>1,658</b>	<b>959</b>	<b>333</b>

Tisza Basin	Number of agglomerations	generated load (p.e.)	Emissions BOD (t/a)	Emissions COD (t/a)	Emissions Not (t/a)	Emissions Plot (t/a)
collected and other tertiary treatment	70	1,202,273	1,993	4,547	1,406	310
collected and tertiary treatment (3NP)	61	1,966,412	1,502	5,143	1,487	275
collected and tertiary treatment (3N)	15	983,535	1,077	4,883	1,008	187
collected and tertiary treatment (3P)	8	170,866	81	358	211	16
collected and partly other tertiary treatment	0	0	0	0	0	0
collected and partially tertiary treatment (3NP)	3	117,110	309	728	201	25
collected and partially tertiary treatment (3N)	5	58,703	737	1,465	129	22
collected and partially tertiary treatment (3P)	1	2,390	30	55	6	1
collected and secondary treatment	90	2,780,671	15,861	33,485	6,606	996
collected and partially secondary treatment	77	1,404,411	31,278	39,034	3,966	769
collected and primary treatment	6	205,818	2,285	4,783	856	108
collected and partially primary treatment	39	334,080	6,100	12,014	1,192	189
<b>collected and treatment - total</b>	<b>377</b>	<b>9,226,067</b>	<b>61,251</b>	<b>106,475</b>	<b>17,062</b>	<b>2,899</b>
collected and no treatment	111	967,348	19,673	35,465	2,943	542
not collected and not treated	590	2,242,595	48,043	88,079	7,046	1,243
<b>Total</b>	<b>1,078</b>	<b>12,436,010</b>	<b>128,967</b>	<b>230,020</b>	<b>27,051</b>	<b>4,683</b>

Baseline scenario	Number of agglomerations	generated load (p.e.)	Emissions BOD (t/a)	Emissions COD (t/a)	Emissions Not (t/a)	Emissions Plot (t/a)	Discharged load Plot - 1.5 g P/d
collected and other tertiary treatment	70	1,202,273	1,993	4,547	1,406	310	285
collected and tertiary treatment (3NP)	60	1,916,032	1,441	4,900	1,450	271	180
collected and tertiary treatment (3N)	12	373,165	235	1,063	188	72	69
collected and tertiary treatment (3P)	8	170,866	81	358	211	16	16
collected and partly other tertiary treatment							
collected and partially tertiary treatment (3NP)							
collected and partially tertiary treatment (3N)							
collected and partially tertiary treatment (3P)							
collected and secondary treatment	47	691,368	2,412	4,091	901	212	189
collected and partially secondary treatment							
collected and primary treatment							
collected and partially primary treatment							
<b>collected and treatment - total</b>	<b>197</b>	<b>4,353,704</b>	<b>6,162</b>	<b>14,959</b>	<b>4,155</b>	<b>880</b>	<b>740</b>
collected and no treatment							
not collected and not treated							
<b>Total</b>	<b>197</b>	<b>4,353,704</b>	<b>6,162</b>	<b>14,959</b>	<b>4,155</b>	<b>880</b>	<b>740</b>

Romania	Number of agglomerations	generated load (p.e.)	Emissions BOD (t/a)	Emissions COD (t/a)	Emissions Not (t/a)	Emissions Plot (t/a)	Discharged load Plot - 1.5 g P/d
collected and other tertiary treatment							
collected and tertiary treatment (3NP)	66	3,405,738	3,729	20,025	3,121	362	362
collected and tertiary treatment (3N)							
collected and tertiary treatment (3P)							
collected and partly other tertiary treatment							
collected and partially tertiary treatment (3NP)							
collected and partially tertiary treatment (3N)	2	16,406	18	99	16	6	6
collected and partially tertiary treatment (3P)							
collected and secondary treatment	341	1,743,952	11,449	17,505	3,596	747	747
collected and partially secondary treatment							
collected and primary treatment							
collected and partially primary treatment							
<b>collected and treatment - total</b>	<b>409</b>	<b>5,166,096</b>	<b>15,196</b>	<b>37,629</b>	<b>6,733</b>	<b>1,114</b>	<b>1,114</b>
collected and no treatment							
not collected and not treated	254	677,519	14,656	26,870	2,150	366	366
<b>Total</b>	<b>663</b>	<b>5,843,615</b>	<b>29,852</b>	<b>64,498</b>	<b>8,883</b>	<b>1,481</b>	<b>1,481</b>

Serbia	Number of agglomerations	generated load (p.e.)	Emissions BOD (t/a)	Emissions COD (t/a)	Emissions Not (t/a)	Emissions Plot (t/a)	Discharged load Plot - 1.5 g P/d
collected and other tertiary treatment							
collected and tertiary treatment (3NP)	4	164,599	180	991	159	22	18
collected and tertiary treatment (3N)							
collected and tertiary treatment (3P)							
collected and partly other tertiary treatment							
collected and partially tertiary treatment (3NP)							
collected and partially tertiary treatment (3N)							
collected and partially tertiary treatment (3P)							
collected and secondary treatment	5	159,632	209	517	87	28	33
collected and partially secondary treatment							
collected and primary treatment							
collected and partially primary treatment							
<b>collected and treatment - total</b>	<b>9</b>	<b>324,231</b>	<b>389</b>	<b>1,508</b>	<b>245</b>	<b>49</b>	<b>51</b>
collected and no treatment	9	108,350	2,352	4,317	279	65	57
not collected and not treated	87	356,408	7,805	14,310	1,145	234	195
<b>Total</b>	<b>105</b>	<b>788,990</b>	<b>10,547</b>	<b>20,135</b>	<b>1,669</b>	<b>348</b>	<b>198</b>

Slovakia	Number of agglomerations	generated load (p.e.)	Emissions BOD (t/a)	Emissions COD (t/a)	Emissions Not (t/a)	Emissions Plot (t/a)	Discharged load Plot - 1.5 g P/d
collected and other tertiary treatment							
collected and tertiary treatment (3NP)	17	747,020	805	3,445	686	83	81
collected and tertiary treatment (3N)	1	3,110	4	7	3	1	1
collected and tertiary treatment (3P)							
collected and partly other tertiary treatment							
collected and partially tertiary treatment (3NP)	1	3,120	11	24	4	1	1
collected and partially tertiary treatment (3N)	0	0	0	0	0	0	0
collected and partially tertiary treatment (3P)	1	2,390	10	20	5	1	1
collected and secondary treatment	68	247,570	1,548	2,460	524	108	105
collected and partially secondary treatment							
collected and primary treatment							
collected and partially primary treatment							
<b>collected and treatment - total</b>	<b>88</b>	<b>1,003,210</b>	<b>2,377</b>	<b>5,955</b>	<b>1,222</b>	<b>194</b>	<b>188</b>
collected and no treatment							
not collected and not treated							
<b>Total</b>	<b>88</b>	<b>1,003,210</b>	<b>2,377</b>	<b>5,955</b>	<b>1,222</b>	<b>194</b>	<b>188</b>

Ukraine	Number of agglomerations	generated load (p.e.)	Emissions BOD (t/a)	Emissions COD (t/a)	Emissions Not (t/a)	Emissions Plot (t/a)	Discharged load Plot - 1.5 g P/d
collected and other tertiary treatment							
collected and tertiary treatment (3NP)							
collected and tertiary treatment (3N)							
collected and tertiary treatment (3P)							
collected and partly other tertiary treatment							
collected and partially tertiary treatment (3NP)	3	227,800	825	1,111	560	218	95
collected and partially tertiary treatment (3N)							
collected and partially tertiary treatment (3P)							
collected and secondary treatment	17	199,290	367	512	297	94	69
collected and partially secondary treatment	2	16,200	5	5	20	3	3
collected and primary treatment	0	0	0	0	0	0	0
collected and partially primary treatment	3	25,900	81	30	79	17	13
<b>collected and treatment - total</b>	<b>25</b>	<b>469,190</b>	<b>1,219</b>	<b>1,658</b>	<b>956</b>	<b>332</b>	<b>179</b>
collected and no treatment							
not collected and not treated							
<b>Total</b>	<b>25</b>	<b>469,190</b>	<b>1,219</b>	<b>1,658</b>	<b>956</b>	<b>332</b>	<b>179</b>

Tisza Basin	Number of agglomerations	generated load (p.e.)	Emissions BOD (
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collected	generated loa	BOD	COD	Ntot	Plot	Plot - P-free detergents	not collected	generated loa	BOD	COD	Ntot	Plot	Plot - P-free detergents
RefSit-UWWT	10,193	80,824	141,940	20,005	3,440	3,440	Scenario 1	2,243	48,043	88,079	7,046	1,243	1,243
BS-UWWT	11,425	27,696	66,027	13,591	2,635	2,330	Scenario 2	1,034	22,461	41,179	3,294	601	562
MT-UWWT	11,455	25,250	63,348	13,395	2,338	2,166	Scenario 3	1,004	21,796	39,960	3,197	581	545
Vision scenari	12,459	29,142	71,010	14,396	2,539	2,350	Scenario 4	0	0	0	0	0	0