

Annex 6

Modeling results: Expenditure needs, finance available and the financing gap for the scenarios (for Group 1 and 2)

Table 1. Supply of finance and expenditure needs for Group 1, the Baseline scenario, 000' RUR.

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	total
Sources of finance:																
Public budget	60888	63932	67129	70485	74010	77710	81596	85676	89959	94457	99180	104139	109346	114813	120554	1313876
Public Capital exp. on Municipal Waste	11328	11894	12489	13114	13769	14458	15181	15940	16737	17573	18452	19375	20343	21361	22429	244442
Public Recurrent exp. on Municipal Waste	49560	52038	54640	57372	60240	63253	66415	69736	73223	76884	80728	84764	89003	93453	98125	1069434
User charges	110147	115654	121437	127509	133885	140578	147608	154988	162738	170874	179418	188390	197808	207699	218084	2376817
Loans	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grants	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Supply of finance, total	171035	179586	188566	197995	207894	218288	229203	240664	252697	265331	278598	292529	307154	322512	338638	3690692
Need for financing, total ,																
In that:	180893	189818	199676	237874	217920	225233	233612	316117	251585	257738	296495	277568	354296	300525	311463	3850813
Facility investments	-	-	-	29095	-	-	-	72615	-	-	29095	-	64429	-	-	195234
Facility re-investments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Facility O/M	10716	11025	11355	12788	13140	13455	13802	15848	16239	16592	18836	19340	21787	22367	22959	240249

Facility O/M	10716	11025	11355	12788	13140	13455	13802	15848	16239	16592	18836	19340	21787	22367	22959	240249
Collection cost	170177	178793	188321	195991	204780	211778	219810	227654	235346	241146	248565	258227	268079	278159	288504	3415329
Additional transport cost	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Financial Surplus	-9858	5	-362	-28593	1825	5499	8656	-61736	15516	22717	-2016	31635	-29633	40371	46477	40503

Table 3. Supply of finance and expenditure needs for Group 2, the Baseline scenario, 000' RUR.

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Sources of finance:																
Public budget	21879	22973	24121	25327	26594	27923	29320	30785	32325	33941	35638	37420	39291	41256	43318	472110
Public Capital exp on Municipal Waste	489	513	539	566	594	624	655	688	722	758	796	836	878	922	968	10550
Public Recurrent exp on Municipal Waste	21390	22459	23582	24761	25999	27299	28664	30098	31602	33183	34842	36584	38413	40334	42350	461560
User charges	35326	35857	36394	36939	37494	38056	38627	39206	39794	40391	40996	41613	42235	42869	43513	589309
Loans and Grants	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Supply of finance, total	57204	58829	60515	62266	64087	65980	67947	69991	72119	74332	76634	79033	81526	84125	86831	1061420
Expenditure needs, total, in that:	35834	56845	71099	41922	66437	61378	45979	48041	57736	83831	62609	54719	56789	65812	85257	894290
Facility investments	-	19178	32527	2073	24649	16930	-	-	8015	33049	9951	-	-	4860	21507	172737
Facility re-investments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Facility O/M	7137	7800	7341	7550	8157	8672	8902	9676	10032	10152	10762	11062	11370	11993	12753	143358
Collection cost	28697	29867	31231	32299	33631	35777	37077	38365	39690	40630	41897	43656	45419	48960	50997	578194

Additional transport cost	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Financial Surplus/Gap	21370	1984	10584	20344	2349	4601	21967	21951	14382	9498	14025	24314	24737	18313	1574	167129

Table 4. Supply of finance and expenditure needs for Group 2, the Development scenario, 000' RUR.

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Sources of finance:																
Public budget	21879	22973	24121	25327	26594	27923	29320	30785	32325	33941	35638	37420	39291	41256	43318	472110
Public Capital exp on Municipal Waste	489	513	539	566	594	624	655	688	722	758	796	836	878	922	968	10550
Public Recurrent exp on Municipal Waste	21390	22459	23582	24761	25999	27299	28664	30098	31602	33183	34842	36584	38413	40334	42350	461560
User charges	35365	35896	36434	36980	37535	38099	38670	39250	39838	40436	41042	41659	42282	42917	43561	589966
Loans and Grants	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Supply of finance, total	57244	58869	60556	62308	64129	66022	67990	70035	72163	74377	76680	79079	81573	84173	86880	1062076
Expenditure needs, total, In that:	34651	35984	37521	39242	66906	42499	110525	45749	47267	48389	49855	51837	67057	57968	60256	795706
Facility investments	-	-	-	755	26788	-	66253	-	-	-	-	-	12945	-	-	106742
Facility re-investments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Facility O/M	5954	6116	6290	6187	6444	6681	7135	7323	7513	7693	7891	8110	8619	8935	9183	110074
Collection cost	28697	29867	31231	32299	33631	35777	37077	38365	39690	40630	41897	43656	45419	48960	50997	578194
Additional transport cost	-	-	-	-	43	41	59	61	64	65	67	71	74	73	76	695
Financial Surplus/Gap	22593	22885	23034	23066	2777	23523	42535	24286	24897	25989	26825	27242	14516	26205	26623	266371

Source: FEASIBLE model calculations