

# Annex 1: Evaluation of energy efficiency measures for 2014-2016

Annex 1 Table P1-1: Summary of measures in the building sector for 2014-2016 total (TJ — EUR)

Measure No	Title of the measure	Specification of the measure:	Financial mechanism	Responsible department/organisation	Energy saving (FEC) for 2014-2016			Financing (EUR thousands), TOTAL 2014-2016								
					Total savings for 2014-2016	Saving for Art. 7 for 2014-2016	Cumulative savings up to 2020	EU	State budget (SB)	Total — funding from SB	Non-budgetary public resources	Higher territorial units, municipalities, cities	Private resources	Other	Total	
					[TJ/year]	[TJ/year]	[TJ/year]	EUR x 1 000	EUR x 1 000	EUR x 1 000	EUR x 1 000	EUR x 1 000	EUR x 1 000	EUR x 1 000	EUR x 1 000	
1.1.1	Improving the thermal characteristics of buildings	Family houses	Own resources, commercial banks	Ministry of Transport and Construction	368.78	368.78	2 203.11	0	0	0	0	0	168 867	0	168 867	
1.1.2			Subsidy for thermal renovation of FH	Ministry of Transport and Construction	0.61	0.61	3.07	0	56	0	0	0	225	0	281	
1.2.1	Improving the thermal characteristics of buildings	Residential buildings	ŠFRB (State Housing Development Fund)	Ministry of Transport and Construction	429.31	429.31	2 784.74	0	203 906	0	0	0	58 834	0	262 740	
1.2.2			ŠFRB-JESSICA 2013-2014	Ministry of Transport and Construction, Ministry of Agriculture	75.17	75.17	464.90	24 979	0	4 408	0	0	8 835	0	38 222	
1.2.3			IROP 2014-2020	Ministry of Transport and Construction, Ministry of Agriculture	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0
1.2.4			Own funds	Ministry of Transport and Construction	2 435.12	2 435.12	14 018.48	0	0	0	0	0	862 063	0	862 063	
1.2.5			Slovseff II.	Ministry of the Economy	1.91	1.91	13.39	0	0	0	0	0	0	1 805	1 805	

1.2.6			Slovseff III.	Ministry of the Environment	4.86	4.86	24.32	0	62	0	0	0	309	2 468	2 838
1.2.7			Munseff	ESG, EC, EBRD	33.93	33.93	225.79	0	0	0	0	366	0	15 549	15 916
1.3.1	Improving the thermal characteristics of buildings	Office buildings (except public buildings)	Own resources, commercial banks	Ministry of Transport and Construction	252.05	252.05	1 529.09	0	0	0	0	0	179 928	0	179 928
1.3.2		Schools and educational establishments	Own resources, commercial banks	Ministry of Transport and Construction	35.87	35.87	179.35	0	0	0	0	25 258	0	0	25 258
1.3.3		Hospitals and healthcare facilities	Own resources, commercial banks	Ministry of Transport and Construction	0.00	0.00	0.00	0	0	0	0	0	0	0	0
1.3.4.a		Hotels and restaurants	Own resources, commercial banks	Ministry of Transport and Construction	268.61	268.61	1 564.56	0	0	0	0	0	128 788	0	128 788
1.3.4.b		Cultural facilities	OP Competitiveness and Economic Growth	MTC	0.00	0.00	0.00	0	0	0	0	0	0	0	0
1.3.5		Wholesale and retail trade	Own resources, commercial banks	MTC	310.81	310.81	1 912.03	0	0	0	0	0	156 002	0	156 002
1.3.6		Sports halls and other buildings intended for sports	Own resources, commercial banks	MTC	10.56	10.56	60.96	0	0	0	0	0	3 557	0	3 557
1.4.1	New construction to low-energy standard	Family houses	Own resources, commercial banks	MTC	101.90	101.90	669.41	0	0	0	0	0	331 597	0	331 597
1.4.2		Residential buildings	Own resources, commercial banks	MTC	39.50	39.50	259.59	0	0	0	0	0	631 367	0	631 367
1.5	New construction to ultra-low-energy standard	Family houses and residential buildings	Own resources, commercial banks	MTC	156.24	156.24	998.78	0	0	0	0	0	544 156	0	544 156

1.6	Construction of new nearly zero-energy family houses and residential buildings	Family houses and residential buildings	Own resources, commercial banks	MTC	42.58	42.58	268.90	0	0	0	0	0	311 597	0	311 597
1.7	Provision of energy services in buildings	Residential buildings and buildings for commercial services	Own resources, commercial banks	Energy suppliers, Ministry of the Economy	80.90	80.90	404.51	0	0	0	0	0	1 307	0	1 307
1.8	Application of legislative measures	Hot water piping insulation in RBs with heat supply	Own resources, commercial banks	Ministry of the Economy	0.00	0.00	0.00	0	0	0	0	0	0	0	0
1.9		Hydraulic balancing of heating and hot-water piping, insulation for hot-water pipes	Own resources, commercial banks	MTC, MoE, ÚOŠS (central government departments)	0.00	0.00	0.00	0	500	0	0	0	9 750	0	10 250
1.10		Energy certification of buildings	MTC	MTC	0.00	0.00	0.00	0	0	0	0	0	0	0	0
1.11		Regular inspection of heating and air-conditioning systems	ÚOŠS (central government departments), higher territorial units, municipalities	MoE	0.00	0.00	0.00	0	24	0	0	1 262	0	0	1 286
1.12	Draft legislation (amendment)	Building Act		MTC	0.00	0.00	0.00	0	0	0	0	0	0	0	0
1.13	Application of conceptual and strategy documents	Support scheme for the construction of buildings to ultra-low-energy standard		MTC	0.00	0.00	0.00	0	0	0	0	0	0	0	0
1.14	Modification of the implementing rules for regular inspection of heating and air-conditioning systems			MoE	0.00	0.00	0.00	0	0	0	0	0	0	0	0
1.15	Application of conceptual and strategy documents	Refurbishment strategy for residential and non-residential building stock in the Slovak Republic		MTC	0.00	0.00	0.00	0	0	0	0	0	0	0	0
1.17	Analysis concerning the installation of individual meters in residential buildings and multipurpose buildings with district heating – implementation of Directive 2012/27/EU on energy efficiency			MoE	0.00	0.00	0.00	0	0	0	0	0	0	0	0
1.18	“Major renovation” information campaign			MTC, SIEA	0.00	0.00	0.00	0	0	0	0	0	0	0	0

1.19	MoE, SIEA information campaign with an impact on the behaviour of the building user		MoE, SIEA	0.00	0.00	0.00	0	0	0	0	0	0	0	
1.20	Measures in RBs based on measures Nos 1.19, 1.18, 1.14, 1.11, 1.9 and 1.8		MoE, MTC, SIEA	402.50	402.50	2 662.40	0	0	0	0	0	0	0	
1.21	Application of legislative measures	Household electricity suppliers' information campaign	Energy suppliers	0.00	0.00	0.00	0	0	0	0	0	0	0	
<b>Buildings total</b>				<b>5 051.22</b>	<b>5 051.22</b>	<b>30 247.39</b>	<b>24 979</b>	<b>204 548</b>	<b>4 408</b>	<b>0</b>	<b>26 886</b>	<b>3 397 182</b>	<b>19 822</b>	<b>3 677 826</b>

Annex 1 Table P1-2: Summary of measures in the industry sector for 2014-2016 total (TJ-EUR)

Measure No	Title of the measure	Financial mechanism	Responsible department/organisation	Energy saving (FEC) for 2014-2016			Funding (EUR x 1 000), TOTAL 2014-2016							
				Total savings for 2014-2016	Saving for Art. 7 for 2014-2016	Cumulative savings up to 2020	EU	SB	Total — funding from SB	Non-budgetary public resources	Higher territorial units, municipalities, cities	Private resources	Other	Total
				[TJ/year]	[TJ/year]	[TJ/year]	EUR x 1 000	EUR x 1 000	EUR x 1 000	EUR x 1 000	EUR x 1 000	EUR x 1 000	EUR x 1 000	EUR x 1 000
5.1.1	Innovation and technology transfer in industrial plants	SF 2007-2013, OP Competitiveness and Economic Growth, measure No 1.1	MoE	0.00	0.00	0.00	0	0	0	0	0	0	0	0
5.1.2		SF 2007-2013, OP Bratislava Region 2007-2013	Ministry of Agriculture and Rural Development	6.86	6.86	41.74	4 140	0	731	0	0	516	0	5 387
5.1.3		OP R&I 2014-2020	MoE	0.00	0.00	0.00	0	0	0	0	0	0	0	0
5.2.1	Increasing the energy efficiency of industrial production	SF 2007-2013, OP Competitiveness and Economic Growth, measure No 2.1	MoE	584.82	584.82	3 513.27	19 015	0	3 356	0	0	18 985	0	41 355
5.2.2		Slovseff II. – industry	MoE	8.23	8.23	57.61	0	0	0	0	0	0	2 761	2 761
5.2.3		Slovseff III. – industry	Ministry of the Environment	25.15	25.15	143.64	320	0	251	0	0	1 270	12 708	14 549
5.2.4		OP Environment, Axis 4	Ministry of the Environment	3.91	3.91	23.48	2 550	346	0	0	0	0	0	2 897
5.3.1	Implementation of energy efficiency measures from energy audits	OP Quality of the Environment 2014-2020, PO 2. Promoting energy efficiency and use of RES in undertakings	MEnv, SR, SIEA	0.00	0.00	0.00	0	0	0	0	0	0	0	0
5.2.3		Own funds of undertakings	MoE	4.19	4.19	25.14	0	0	0	0	0	0	0	0
5.4	Support for energy audits for SMEs in Bratislava region	Subsidies under MoE	MoE	0.00	0.00	0.00	0	0	0	0	0	0	0	0
5.5	Application of legislative measures	Energy audits in industrial undertakings on the basis of the Energy Efficiency Act	MoE	1 310.81	1 310.81	6 554.07	288	0	0	0	0	76 426	0	76 714
5.6	Voluntary agreement on energy savings	Voluntary contributions by the Parties	MoE, gas and electricity traders	26.11	26.11	130.55	0	0	0	0	0	1 883	0	1 883

5.7	Support for the implementation of EMAS and energy management systems	Own funds, OP QoE 2014-2020	MoE	215.40	215.40	1 077.00	0	0	0	0	0	0	0	0
5.8	Establishment of an energy manager in undertakings	Own funds of undertakings	Industrial plants	0.00	0.00	0.00	0	0	0	0	0	0	0	0
5.9	Incentives for industry		Ministry of the Economy	586.55	586.55	3 881.20	0	1 476	0	0	0	0	0	1.476
<b>Total industry</b>				<b>2 772.04</b>	<b>2 772.04</b>	<b>15 447.70</b>	<b>26 313</b>	<b>1 822</b>	<b>4 338</b>	<b>0</b>	<b>0</b>	<b>99 081</b>	<b>15 468</b>	<b>147 022</b>

Annex 1 Table P1-3: Summary of measures in the public sector for 2014-2016 total (TJ-EUR)

Measure No	Title of the measure	Financial mechanism	Responsible department/org anisation	Energy saving (FEC) for 2014-2016			Financing (EUR x 1 000), TOTAL 2014-2016							
				Total savings for 2014-2016	Saving for Art. 7 for 2014-2016	Cumulative savings up to 2020	EU	SB	Total — funding from SB	Non-budgetary public resources	Higher territorial units, municipalities, cities	Private resources	Other	Total
				[TJ/year]	[TJ/year]	[TJ/year]	EUR x 1 000	EUR x 1 000	EUR x 1 000	EUR x 1 000	EUR x 1 000	EUR x 1 000	EUR x 1 000	EUR x 1 000
3.1.1	Improving the thermal characteristics of public buildings — Medical facilities	SF 2007-2013, OP Health	Ministry of Health	11.35	11.35	69.55	414	65	0	0	57	16	0	551
3.1.2	Improving the thermal characteristics of public buildings — Medical facilities	Public resources	Ministry of Health	49.17	49.17	279.66	0	1 854	0	355	0	4 001	10 561	16 771
3.2.1	Improving the thermal characteristics of public buildings — Schools and educational establishments	SF 2007-2013, OP Research and Development	MESRS	12.90	12.90	80.65	9 945	0	1 256	498	0	0	1	11 699
3.2.2	Improving the thermal characteristics of public buildings — Schools and educational establishments	SF 2007-2013, ROP, measure No 1.1	MARD	40.27	40.27	259.18	24 291	0	3 437	0	1 391	0	0	29 119
3.3	Improving the thermal characteristics of public buildings — Social services	SF 2007-2013, ROP, measure No 2.1	MARD	84.32	84.32	518.04	39 572	0	5 792	0	1 837	0	0	47 201
3.4	Improving the thermal characteristics of public buildings — Cultural facilities	SF 2007-2013, ROP, measure No 3.1	MARD	4.89	4.89	31.10	19 457	0	2 510	0	989	0	0	22 957
3.5	Improving the thermal characteristics of public buildings — Fire stations	SF 2007-2013, ROP, measure No 4.2	MARD	18.89	18.89	116.36	20 962	0	3 699	0	1 298	0	0	25 959

3.6	Reducing energy demand in public buildings – administrative buildings, schools and educational establishments, healthcare facilities	OP QoE 2014-2020	MEnv, SIEA	0.00	0.00	0.00	0	0	0	0	0	0	0	0
3.7.1	Improving the thermal characteristics of public buildings – administrative buildings	Budget headings of ÚOŠS (central government departments) (Article 5 of Directive 2012/27/EU)	MF, ÚOŠS	1.18	1.18	7.08	0	36	0	0	0	0	0	36
3.7.2a		Organisations under ÚOŠS		9.82	9.82	59.77	0	9 390	0	0	0	0	0	9 390
3.7.2b		Buildings of organisations under ÚOŠS		7.50	7.50	42.57	0	2 371	0	0	0	0	0	2 371
3.9	Improving the thermal characteristics of public buildings	EkoFond – Programme 02 Improving the energy efficiency of buildings	SPP, a. s., EkoFond	38.04	38.04	266.28	0	0	0	0	0	89	165	254
3.10	Improving the thermal characteristics of public buildings	Munseff	ESG, EBRD, EUROPEAN COMMISSION	42.21	42.21	261.12	0	0	0	0	1 164	0	18 644	19 808
3.11	Improving the thermal characteristics of public buildings	Activity L3: Increasing the energy efficiency of existing public buildings, including insulation	Environmental Fund	107.89	107.89	655.17	0	0	0	27 990	1 144	0	0	29 134
3.12	Implementation of the energy efficiency principle in public procurement		All ÚOŠS	0.00	0.00	0.00	0	0	0	0	0	0	0	0
3.13.1	Modernisation of public lighting	SF 2007-2013, OP CEG, measure No 2.2	MoE, SIEA	237.99	233.37	1 248.53	48 286	0	6 156	0	2 385	500	0	57 328
3.13.2	Modernisation of public lighting	Munseff	ESG, EBRD, EC	16.41	16.41	101.33	0	0	0	0	496	0	9 749	10 246
3.13.3	Modernisation of public lighting	OP BR 2007-2013		1.06	1.06	7.43	0	0	0	0	32	0	631	663
3.14	Provision of energy services for the public sector			78.21	78.21	391.04	0	0	0	0	0	618	0	618
3.15	E <sup>2</sup> training programme in state administration – SIEA		MoE, SIEA	0.00	0.00	0.00	0	200	0	0	0	0	0	200
3.16	Support for the construction of nearly zero-energy buildings in the public sector		Ministry of Transport and Construction	0.00	0.00	0.00	0	0	0	0	0	0	0	0
3.17	Issue of supporting documents needed for the public sector's leading role		MoE, ÚVO	0.00	0.00	0.00	0	0	0	0	0	0	0	0
3.18.1	Development, approval and implementation of plans for sustainable energy and reduction of greenhouse gas emissions	OP QoE 2014-2020 (outside Bratislava region)	MEnv, SIEA	0.00	0.00	0.00	0	0	0	0	0	0	0	0
3.18.2		Subsidies under MoE (in Bratislava region)	MoE	0.00	0.00	0.00	0	0	0	0	0	0	0	0

3.19	Introduction of energy management systems, including energy audits and environmental management	OP QoE 2014-2020 (outside Bratislava region)	MEnv, SIEA	0.00	0.00	0.00	0	0	0	0	0	0	0	0
3.20	Support for energy services development at regional and local level	OP QoE 2014-2020	MEnv, SIEA	0.00	0.00	0.00	0	0	0	0	0	0	0	0
3.21	Energy audits in public buildings	SF 2007-2013, OP CEG, measure No 2.2	SIEA	6.15	6.15	43.05	0	0	0	0	18	0	0	18
3.22	Analysis of potential energy savings in public buildings	SF 2007-2013, OP CEG, measure No 2.2	SIEA	0.00	0.00	0.00	0	0	0	0	0	0	0	0
3.23	Energy audits of selected central government buildings	Own resources budget headings	ÚOŠS	0.00	0.00	0.00	0	0	0	0	0	0	0	0
3.24	Extension of the energy savings survey under Green Public Procurement for quantifying annual energy savings and financial resources		MEnv, SIEA	0.00	0.00	0.00	0	0	0	0	0	0	0	0
3.25.1	Review of existing legislation on the financial rules for state and public administration			0.00	0.00	0.00	0	0	0	0	0	0	0	0
3.25.2	Support for funding under PPP projects financed by EU funds		MF	0.00	0.00	0.00	0	0	0	0	0	0	0	0
3.26.1	Improving the thermal characteristics of public buildings — Healthcare and social facilities	IROP 2014-2020	MARD	0.00	0.00	0.00	0	0	0	0	0	0	0	0
3.26.2	Improving the thermal characteristics of public buildings — Schools and educational establishments	IROP 2014-2020	MARD	0.00	0.00	0.00	0	0	0	0	0	0	0	0
3.26.3	Improving the thermal characteristics of public buildings – nursery schools, primary schools, social and community facilities	OP BK 2007-2013, measure No 1.1	MARD	27.48	27.48	166.54	4 900	0	624	0	241	0	0	5 765
<b>Public sector total</b>				<b>795.73</b>	<b>791.12</b>	<b>4 604.43</b>	<b>167 827</b>	<b>13 916</b>	<b>23 475</b>	<b>28 842</b>	<b>11 052</b>	<b>5 224</b>	<b>39 751</b>	<b>290 088</b>



Annex 1 Table P1-4: Summary of measures in the transport sector for 2014-2016 (TJ-EUR)

Measure No	Title of the measure	Financial mechanism	Responsible department/organisation	Energy saving (FEC) for 2014-2016			Financing (EUR x 1 000), TOTAL 2014-2016							
				Total savings for 2014-2016	Savings for Art. 7 for 2014-2016	Cumulative savings up to 2020	EU	SB	Total – funding from SB	Non-budgetary public resources	Higher territorial units, municipalities, cities	Private resources	Other	Total
				[TJ/year]	[TJ/year]	[TJ/year]	EUR x 1 000	EUR x 1 000	EUR x 1 000	EUR x 1 000	EUR x 1 000	EUR x 1 000	EUR x 1 000	EUR x 1 000
4.1.1a	Renewal and modernisation of the vehicle fleet — Rail transport	OP TRANSPORT 2007-2013	Ministry of Transport and Construction	404.59	404.59	2 406.39	275 262	0	67 619	0	1 740	3 089	0	347 709
4.1.1b		OP II 2014-2020		0.00	0.00	0.00	0	0	0	0	0	0	0	0
4.1.1c	Fleet renewal – bus/trolleybus transport	OPE 2007-2013, IROP 2014-2020	MTC, MARD	0.52	0.52	3.08	1 961	0	37	0	312	103	0	2 413
4.1.1d	Fleet renewal – bus transport	IROP 2014-2020, higher territorial units, private	MTC, MARD	28.56	28.56	170.93	0	0	312	0	4 588	3 329	23 343	31 572
4.1.2	Renewal and modernisation of vehicle fleet — bus transport	OPE 2007-2013, IROP 2014-2020	MEnv, MTC, MARD	29.96	29.96	209.23	26 999	0	1 406	0	3 551	0	0	31 956
4.2	Building and upgrading of transport infrastructure (contd.)	OPT 2007-2013, OP II 2014-2020	MTC	416.04	416.04	2 448.96	821 884	0	137 708	0	7 330	0	0	966 923

4.3	Promoting the development and use of public passenger transport, including support for the creation of integrated transport systems	OP II 2014-2020, IROP 2014-2020	MTC, MARD	2.14	2.14	10.70	54 560	0	7 368	0	0	0	0	61 929
4.4	Support for the development of non-motorised transport, especially cycling	IROP 2014-2020	MARD, MTC	14.11	14.11	89.36	9 056	6	36	0	822	0	0	9 920
4.5.1	MHD (public transport) — renewal of trolleybuses in Žilina	Munseff	EC, EBRD, ESG	0.59	0.59	4.13	0	0	0	0	0	0	4 177	4 177
<b>Total transport</b>				<b>896.52</b>	<b>896.52</b>	<b>5 342.79</b>	<b>1 189 722</b>	<b>6</b>	<b>214 487</b>	<b>0</b>	<b>18 343</b>	<b>6 520</b>	<b>27 520</b>	<b>1 456 598</b>

Annex 1 Table P1-5: Summary of measures in the appliances sector for 2014-2016 total (TJ-EUR)

Measure No	Title of the measure	Financial mechanism	Responsible department/organisation	Energy saving (FEC) for 2014-2016			Financing (EUR x 1 000), TOTAL 2014-2016							
				Total savings for 2014-2016	Savings for Art. 7 for 2014-2016	Cumulative savings up to 2020	EU	SB	Total – funding from SB	Non-budgetary public resources	Higher territorial units, municipalities, cities	Private resources	Other	Total
				[TJ/year]	[TJ/year]	[TJ/year]	EUR x 1 000	EUR x 1 000	EUR x 1 000	EUR x 1 000	EUR x 1 000	EUR x 1 000	EUR x 1 000	EUR x 1 000
2.1	Replacement of white goods	Own resources, special offers from retailers and manufacturers	CECED	497.44	493.06	2 909.71	0	0	0	0	0	104 188	0	104 188
2.2	Efficient lighting	Own resources, special offers from retailers and	CECED	72.33	72.33	390.14	0	0	0	0	0	0	0	0

		manufacturers													
2.3	Replacement of electrical and electronic equipment in private households	Own resources, special offers from retailers and manufacturers	CECED	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0
2.4	Renewal of office equipment	Own resources, special offers from retailers and manufacturers	CECED	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0
2.5	Application of legislative measures	Energy labelling, Ecodesign	MoE	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0
2.6	Information campaigns focusing on efficient appliances	CECED, consumer associations, traders, MoE, SIEA	CECED, MoE, SIEA	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0
2.7	Introduction and operation of a system to monitor the replacement of white goods and other appliances and equipment on the market	Statistical Office, SIEA, CECED, consumer associations	CECED, Statistical Office, MoE, SIEA	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0
<b>Appliances total</b>				<b>569.77</b>	<b>565.39</b>	<b>3 299.85</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>104 188</b>	<b>0</b>	<b>104 188</b>

Annex 1 Table P1-6: Summary of measures in the building sector for 2014, 2015 and 2016 (TJ)

Measure No	Title of the measure	Specification of the measure	Financial mechanism	Responsible department/organisation	Energy saving (FEC) for 2014-2016						
					Total savings for 2014	Savings for Art. 7 for 2014	Total savings for 2015	Savings for Art. 7 for 2015	Total savings for 2016	Savings for Art. 7 for 2016	Cumulative savings for 2014-2016 to 2020
					[TJ/year]	[TJ/year]	[TJ/year]	[TJ/year]	[TJ/year]	[TJ/year]	[TJ]
1.1.1	Improving the thermal characteristics of buildings	Family houses	Own resources, commercial banks	MTC	119.86	119.86	119.48	119.48	129.43	129.43	2 203.11
1.1.2			Subsidy for insulation of FH	MTC	0.00	0.00	0.00	0.00	0.61	0.61	3.07
1.2.1	Improving the thermal characteristics of buildings	Residential buildings	ŠFRB (State Housing Development Fund)	MTC	223.23	223.23	191.74	191.74	14.34	14.34	2 784.74
1.2.2			ŠFRB-JESSICA 2013-2014	MTC, MARD	36.90	36.90	15.26	15.26	23.01	23.01	464.90
1.2.3			IROP 2014-2020	MTC, MARD	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.4			Own funds	MTC	524.49	524.49	793.91	793.91	1 116.72	1 116.72	14 018.48
1.2.5			Slovseff II.	MoE	1.91	1.91	0.00	0.00	0.00	0.00	13.39
1.2.6			Slovseff III.	MEnv	0.00	0.00	0.00	0.00	4.86	4.86	24.32
1.2.7			Munseff	ESG, EC, EBRD	22.21	22.21	11.72	11.72	0.00	0.00	225.79
1.3.1	Improving the thermal characteristics of buildings	Office buildings (except public buildings)	Own resources, commercial banks	MTC	89.89	89.89	89.07	89.07	73.08	73.08	1 529.09
1.3.2		Schools and educational establishments	Own resources, commercial banks	MTC	0.00	0.00	0.00	0.00	35.87	35.87	179.35
1.3.3		Hospitals and healthcare facilities	Own resources, commercial banks	MTC	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.4.a		Hotels and restaurants	Own resources, commercial banks	MTC	56.62	56.62	108.24	108.24	103.75	103.75	1 564.56
1.3.4.b		Cultural facilities	OP CEG	MTC	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.5		Wholesale and retail trade	Own resources,	MTC	122.12	122.12	113.72	113.72	74.97	74.97	1 912.03

			commercial banks									
1.3.6		Sports halls and other buildings intended for sports	Own resources, commercial banks	MTC	0.74	0.74	6.70	6.70	3.11	3.11	60.96	
1.4.1	New construction to low-energy standard	Family houses	Own resources, commercial banks	MTC	57.98	57.98	43.92	43.92	0.00	0.00	669.41	
1.4.2		Residential buildings	Own resources, commercial banks	MTC	22.58	22.58	16.92	16.92	0.00	0.00	259.59	
1.5	New construction to ultra-low-energy standard	Family houses and residential buildings	Own resources, commercial banks	MTC	67.92	67.92	81.76	81.76	6.56	6.56	998.78	
1.6	Construction of new nearly zero-energy family houses and residential buildings	Family houses and residential buildings	Own resources, commercial banks	MTC	17.22	17.22	21.53	21.53	3.83	3.83	268.90	
1.7	Provision of energy services in buildings	Residential buildings and buildings for commercial services	Own resources, commercial banks	Energy suppliers, MoE	5.67	5.67	4.22	4.22	70.61	70.61	402.46	
1.8	Application of legislative measures	Hot water piping insulation in RBs with heat supply	Own resources, commercial banks	MoE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1.9		Hydraulic balancing of heating and hot-water piping, insulation for hot-water pipes	Own resources, commercial banks	MTC, MoE, ÚOŠS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1.10		Energy certification of buildings	MTC	MTC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1.11		Regular inspection of heating and air-conditioning systems	ÚOŠS, higher territorial units, municipalities	MoE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1.12	Draft legislation (amendment)	Building Act		MTC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1.13	Application of conceptual and strategy documents	Support scheme for the construction of buildings to ultra-		MTC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

		low-energy standard								
1.14	Modification of the implementing rules for regular inspection of heating and air-conditioning systems		MoE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.15	Application of conceptual and strategy documents	Refurbishment strategy for residential and non-residential building stock in the Slovak Republic	MTC	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.17	Analysis concerning the installation of individual meters in residential buildings and multipurpose buildings with district heating – implementation of Directive 2012/27/EU on energy efficiency		MoE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.18	“Major building renovation” information campaign		MTC, SIEA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.19	MoE, SIEA information campaign with an impact on the behaviour of the building user		MoE, SIEA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.20	Measures in RBs based on measures Nos 1.19, 1.18, 1.14, 1.11, 1.9 and 1.8		MoE, MTC, SIEA	247.40	247.40	155.10	155.10	0.00	0.00	2 662.40
1.21	Application of legislative measures	Household electricity suppliers’ information campaign	Energy suppliers	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Buildings total</b>				<b>1 616.76</b>	<b>1 616.76</b>	<b>1 773.30</b>	<b>1 773.30</b>	<b>1 660.76</b>	<b>1 660.76</b>	<b>30 245.34</b>

Annex 1 Table P1-7: Summary of measures in the industry sector for 2014, 2015 and 2016 (TJ)

Measure No	Title of the measure	Financial mechanism	Responsible department/organisation	Energy saving (FEC) for 2014-2016						
				Total savings for 2014	Savings for Art. 7 for 2014	Total savings for 2015	Savings for Art. 7 for 2015	Total savings for 2016	Savings for Art. 7 for 2016	Cumulative savings for 2014-2016 to 2020
				[TJ/year]	[TJ/year]	[TJ/year]	[TJ/year]	[TJ/year]	[TJ/year]	[TJ]
5.1.1	Innovation and technology transfer in industrial plants	SF 2007-2013, OP CEG, measure No 1.1	MoE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.1.2		SF 2007-2013, OP Bratislava Region 2007-2013	MARD	0.59	0.59	6.27	6.27	0.00	0.00	41.74
5.1.3		OP R&I 2014-2020	MESRS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.2.1	Increasing the energy efficiency of industrial production	SF 2007-2013, OP CEG, measure No 2.1	MoE	4.35	4.35	580.47	580.47	0.00	0.00	3 513.27
5.2.2		Slovseff II. – industry	MoE	8.23	8.23	0.00	0.00	0.00	0.00	57.61
5.2.3		Slovseff III. – industry	MEnv	0.00	0.00	17.88	17.88	7.27	7.27	143.64
5.2.4		OPE, axis 4	MEnv	0.00	0.00	3.91	3.91	0.00	0.00	23.48
5.3.1	Implementation of energy efficiency measures from energy audits	OP QoE 2014-2020, PO 2. Promoting energy efficiency and use of RES in undertakings	MEnv	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.2.3		Own funds of undertakings	MoE	0.00	0.00	4.19	4.19	0.00	0.00	25.14
5.4	Support for energy audits for SMEs in Bratislava region	Subsidies under MoE	MoE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.5	Application of legislative measures	Energy audits in industrial undertakings on the basis of the Energy Efficiency Act	MoE	631.32	631.32	576.54	576.54	102.96	102.96	6 554.07
5.6	Voluntary agreement on energy savings	Voluntary contributions by the Parties	MoE, gas and electricity traders	0.00	0.00	15.68	15.68	10.43	10.43	130.55
5.7	Support for the implementation of EMAS and energy management systems	Own funds, OP QoE 2014-2020	MEnv, SIEA	5.40	5.40	210.00	210.00	0.00	0.00	1 077.00
5.8	Establishment of an energy manager in undertakings	Own funds of undertakings	Industrial plants	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.9	Incentives for industry		MoE	365.19	365.19	218.08	218.08	3.28	3.28	3 881.20
<b>Total industry</b>				<b>1 015.08</b>	<b>1 015.08</b>	<b>1 633.02</b>	<b>1 633.02</b>	<b>123.94</b>	<b>123.94</b>	<b>15 447.70</b>

Annex 1 Table P1-8: Summary of measures in the public sector for 2014, 2015 and 2016 (TJ)

Measure No	Title of the measure	Financial mechanism	Responsible department/organisation	Energy saving (FEC) for 2014-2016						
				Total savings for 2014	Savings for Art. 7 for 2014	Total savings for 2015	Savings for Art. 7 for 2015	Total savings for 2016	Savings for Art. 7 for 2016	Cumulative savings for 2014-2016 to 2020
				[TJ/year]	[TJ/year]	[TJ/year]	[TJ/year]	[TJ/year]	[TJ/year]	[TJ]
3.1.1	Improving the thermal characteristics of public buildings — Healthcare facilities	SF 2007-2013, OP Health	Ministry of Health	1.44	1.44	9.92	9.92	0.00	0.00	69.55
3.1.2	Improving the thermal characteristics of public buildings — Healthcare facilities	Public resources	Ministry of Health	10.42	10.42	12.95	12.95	25.80	25.80	279.66
3.2.1	Improving the thermal characteristics of public buildings — Schools and educational establishments	SF 2007-2013, OP Research and Development	MESRS	3.24	3.24	9.66	9.66	0.00	0.00	80.65
3.2.2		SF 2007-2013, ROP, measure No 1.1	MARD	17.53	17.53	22.75	22.75	0.00	0.00	259.18
3.3	Improving the thermal characteristics of public buildings — Social services	SF 2007-2013, ROP, measure No 2.1	MARD	12.10	12.10	72.22	72.22	0.00	0.00	518.04
3.4	Improving the thermal characteristics of public buildings — Cultural facilities	SF 2007-2013, ROP, measure No 3.1	MARD	1.77	1.77	3.12	3.12	0.00	0.00	31.10
3.5	Improving the thermal characteristics of public buildings — Fire stations	SF 2007-2013, ROP, measure No 4.2	MARD	3.01	3.01	15.88	15.88	0.00	0.00	116.36
3.6	Reducing energy demand in public buildings — administrative buildings, schools and educational establishments, healthcare facilities	OP QoE 2014-2020	MEnv, SIEA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.7.1	Improving the thermal characteristics of public buildings — administrative buildings	Budget headings of ÚOŠS (Article 5 of Directive 2012/27/EU)	MF, ÚOŠS	0.00	0.00	1.18	1.18	0.00	0.00	7.08
3.7.2a		Organisations under ÚOŠS		3.04	3.04	4.60	4.60	2.17	2.17	59.77
3.7.2b		Buildings of organisations under ÚOŠS		0.00	0.00	5.08	5.08	2.41	2.41	42.57
3.9	Improving the thermal characteristics of public buildings	EkoFond — Programme 02 Improving the energy efficiency of buildings	SPP, a. s., EkoFond	38.04	38.04	0.00	0.00	0.00	0.00	266.28
3.10	Improving the thermal characteristics of public buildings	Munseff	ESG, EBRD, EC	7.86	7.86	34.35	34.35	0.00	0.00	261.12
3.11	Improving the thermal characteristics of public buildings	Activity L1: Increasing the energy efficiency of existing public buildings, including insulation	Environmental Fund	23.01	23.01	69.68	69.68	15.20	15.20	655.17
3.12	Implementation of the energy efficiency principle in public procurement		All ÚOŠS		0.00	0.00	0.00	0.00	0.00	0.00
3.13.1	Modernisation of public lighting	SF 2007-2013, OP CEG, measure No 2.2	MoE, SIEA	11.55	6.93	67.81	67.81	158.63	158.63	1 248.53
3.13.2	Modernisation of public lighting	Munseff	ESG, EBRD, EC	2.89	2.89	13.51	13.51	0.00	0.00	101.33
3.13.3	Modernisation of public lighting	OP BR 2007-2013		1.06	1.06	0.00	0.00	0.00	0.00	7.43



3.14	Provision of energy services for the public sector			22.64	22.64	40.64	40.64	14.93	14.93	391.04
3.15	E <sup>2</sup> training programme in state administration – SIEA		MoE, SIEA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.16	Support for the construction of nearly zero-energy buildings in the public sector		MTC	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.17	Issue of supporting documents for purposes of the public sector's leading role		MoE, ÚVO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.18.1	Development, approval and implementation of plans for sustainable energy and reduction of greenhouse gas emissions	OP QoE 2014-2020 (outside Bratislava region)	MEnv, SIEA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.18.2		Subsidies under MoE (in Bratislava region)	MoE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.19	Introduction of energy management systems, including energy audits and environmental management	OP QoE 2014-2020 (outside Bratislava region)	MEnv, SIEA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.20	Support for energy services development at regional and local level	OP QoE 2014-2020	MEnv, SIEA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.21	Energy audits in public buildings	SF 2007-2013, OP CEG, measure No 2.2	SIEA	6.15	6.15	0.00	0.00	0.00	0.00	43.05
3.22	Analysis of potential energy savings in public buildings	SF 2007-2013, OP CEG, measure No 2.2	SIEA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.23	Energy audits of selected central government buildings	Own resources budget headings	ÚOŠS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.24	Extension of the energy savings survey under Green Public Procurement for quantifying annual energy savings and financial resources		MEnv, SIEA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.25.1	Review of existing legislation on the financial rules for state and public administration			0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.25.2	Support for funding under PPP projects financed by EU funds		Ministry of Finance	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.26.1	Improving the thermal characteristics of public buildings – Healthcare and social facilities	IROP 2014-2020	MARD	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.26.2	Improving the thermal characteristics of public buildings – Schools and educational establishments	IROP 2014-2020	MARD	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.26.3	Improving the thermal characteristics of public buildings – nursery schools, primary schools, social and community facilities	OP BK 2007-2013, measure No 1.1	MARD	1.68	1.68	25.80	25.80	0.00	0.00	166.54
<b>Public sector total</b>				<b>167.42</b>	<b>162.81</b>	<b>409.16</b>	<b>409.16</b>	<b>219.15</b>	<b>219.15</b>	<b>4 604.43</b>

Annex 1 Table P1-9: Summary of measures in the transport sector for 2014, 2015 and 2016 (TJ)

Measure No	Title of the measure	Financial mechanism	Responsible department/organisation	Energy saving (FEC) for 2014-2016						
				Total savings for 2014	Savings for Art. 7 for 2014	Total savings for 2015	Savings for Art. 7 for 2015	Total savings for 2016	Savings for Art. 7 for 2016	Cumulative savings for 2014-2016 to 2020
				[TJ/year]	[TJ/year]	[TJ/year]	[TJ/year]	[TJ/year]	[TJ/year]	[TJ]
4.1.1a	Renewal and modernisation of the vehicle fleet — Rail transport	OPT 2007-2013	MTC	2.57	2.57	378.30	378.30	23.72	23.72	2 406.39
4.1.1b		OP II 2014-2020		0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.1.1c	Fleet renewal – bus/trolleybus transport	OPE 2007-2013, IROP 2014-2020	MTC, MARD	0.00	0.00	0.47	0.47	0.05	0.05	3.08
4.1.1d	Replacement of vehicle fleet — bus transport	IROP 2014-2020, higher territorial units, private	MTC, MARD	0.00	0.00	28.13	28.13	0.43	0.43	170.93
4.1.2	Renewal and modernisation of vehicle fleet — bus transport	OPE 2007-2013, IROP 2014-2020	MEnv, MTC, MARD	29.71	29.71	0.00	0.00	0.25	0.25	209.23
4.2	Building and upgrading transport infrastructure (contd.)	OPT 2007-2013, OP II 2014-2020	MTC	34.75	34.75	299.26	299.26	82.03	82.03	2 448.96
4.3	Promoting the development and use of public passenger transport, including support for the creation of integrated transport systems	OP II 2014-2020, IROP 2014-2020	MTC, MARD	0.00	0.00	0.00	0.00	2.14	2.14	10.70
4.4	Support for the development of non-motorised transport, especially cycling	IROP 2014-2020	MARD, MTC	9.40	9.40	0.00	0.00	4.71	4.71	89.36
4.5.1	MHD (public transport) — renewal of trolleybuses in Žilina	Munseff	EC, EBRD, ESG	0.59	0.59	0.00	0.00	0.00	0.00	4.13
<b>Total transport</b>				<b>77.02</b>	<b>77.02</b>	<b>706.16</b>	<b>706.16</b>	<b>113.33</b>	<b>113.33</b>	<b>5 342.79</b>

Annex 1 Table P1-10: Summary of measures in the appliances sector for 2014, 2015 and 2016 (TJ)

Measure No	Title of the measure	Financial mechanism	Responsible department/organisation	Energy saving (FEC) for 2014-2016						
				Total savings for 2014	Savings for Art. 7 for 2014	Total savings for 2015	Savings for Art. 7 for 2015	Total savings for 2016	Savings for Art. 7 for 2016	Cumulative savings for 2014-2016 to 2020
				[TJ/year]	[TJ/year]	[TJ/year]	[TJ/year]	[TJ/year]	[TJ/year]	[TJ]
2.1	Replacement of white goods	Own resources, special offers from retailers and manufacturers	CECED	143.51	141.46	163.33	161.49	190.60	190.11	2 909.71
2.2	Efficient lighting	Own resources, special offers from retailers and manufacturers	CECED	0.00	0.00	28.49	28.49	43.84	43.84	390.14
2.3	Replacement of electrical and electronic equipment in private households	Own resources, special offers from retailers and manufacturers	CECED	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Renewal of office equipment	Own resources, special offers from retailers and manufacturers	CECED	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.5	Application of legislative measures	Energy labelling, Ecodesign	MoE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.6	Information campaigns focusing on efficient appliances	CECED, consumer associations, traders, MoE, SIEA	CECED, MoE, SIEA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.7	Introduction and operation of a system to monitor the replacement of white goods and other appliances and equipment on the market	Statistical Office, SIEA, CECEd, consumer associations	CECED, Statistical Office, MoE, SIEA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Appliances total</b>				<b>143.51</b>	<b>141.46</b>	<b>191.82</b>	<b>189.98</b>	<b>234.44</b>	<b>233.95</b>	<b>3 299.85</b>

Annex 1 Table P1-11: Summary of measures in the energy transformation, transmission and distribution sector for 2014, 2015 and 2016 (TJ)

Measure No	Title of the measure	Specification of the measure	Financial mechanism	Responsible department/organisation	Energy savings (PES) for 2014-2016		
					Total savings for 2014	Total savings for 2015	Total savings for 2016
					[TJ/year]	[TJ/year]	[TJ/year]
6.1	Construction, renovation and upgrading of heat distribution pipes		OP QoE 2014-2020, Priority Axis 4, IP5	MEnv, SIEA	0.00	0.00	0.00
6.2	Construction, renovation and upgrading of installations for the production of electricity and heat through high-efficiency cogeneration with a maximum thermal input of 20 MW		OP QoE 2014-2020, Priority Axis 4, IP5	MEnv, SIEA	0.00	0.00	0.00
6.3	Reconstruction and modernisation of installations for the production of electricity and heat, distribution of electricity, heat, gas			Energy infrastructure operators	0.00	5.11	0.00
6.4	Reconstruction and modernisation of electricity and heat production plants, heat distribution pipes in the Bratislava region		Subsidy under MoE	MoE, SIEA	0.00	0.00	0.00
6.5	Heat map of Slovakia	Implementation of Directive 2012/27/EU	MoE	MoE, SIEA	0.00	0.00	0.00
6.6	Comprehensive assessment of national heating and cooling potential (including cost-benefit analysis)	Implementation of Directive 2012/27/EU	MoE	MoE, SIEA	0.00	0.00	0.00
6.7	Reconstruction of heat source or heat distribution pipes		OP CEG 2007-2013	MoE, SIEA	10.94	82.63	0.00
6.8	Reconstruction of heat distribution pipes		Slovseff III.	MEnv	24.78	55.58	11.00
6.9	Application of legislation	Improving the efficiency of natural gas and electricity transmission and distribution	Act No 321/2014	MoE, SIEA	884.16	332.72	10.27
<b>Energy transformation, transmission and distribution total</b>					<b>919.88</b>	<b>476.04</b>	<b>21.27</b>