Article 24 (1) and Annex XIV Energy Efficiency Directive 2012/27/EU

Please, fill in the green fields (the grey ones are strong reccomended, but voluntary). It can be chosen if Eurostat data or data based on national statistics, please, fill in Table B and provide definitions.

Annual Report	2016
Reporting year	2014
Member State	Hungary

Table A - Eurostat data

Table A - L	urostat data	1								
Number	Data field	AR Indicator	Unit(s)	Eurostat Indicator(s)	Eurostat database table	Eurostat Code	field/product(s)	SWD(2013)180, Annex A	Definition of provided national statistics for data fields not available in Eurostat	Last update (date of the data)
A1	20.7	(i) primary energy consumption	Mtoe	Primary Energy Consumption	Energy saving - annual data [nrg_ind_334a]	B_100910	-			04.02.2016
A2	14928.9	(ii) total final energy consumption	ktoe	Final Energy Consumption	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_101700	All products	No climate adjustment, see p. 39 SWD(2013)180, Annex A		17.02.2016
A3	4090.8	(iii) final energy consumption - industry	ktoe	Final Energy Consumption - Industry	Supply, transformation, consumption - all products - annual data [nrg 100a]	B_101800	All products			17.02.2016
A4	3557.3	(iii) final energy consumption - transport	ktoe	Final Energy Consumption - Transport	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_101900	All products			17.02.2016
A5		final energy consumprtion in pipeline transport	ktoe	Consumption in Pipeline transport	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_101945	All products	Voluntary - See p. 39 SWD(2013)180, Annex A		
A6	4433.5	(iii) final energy consumption - households	ktoe	Residential	Supply, transformation, consumption - all products - annual	B_102010	All products			17.02.2016
A7	2241.7	(iii) final energy consumption - services	ktoe	Services	data [nrg_100a] Supply, transformation, consumption - all products - annual	B_102035	All products			17.02.2016
A8		final energy consumption - agriculture		Agriculture/Forestry	data [nrg_100a] Supply, transformation, consumption - all products - annual	B_102030	All products	Voluntary		
A9		final energy consumption – other sectors		Other sectors	data [nrg_100a] Supply, transformation, consumption - all products - annual	B_102000	All products	Voluntary		
			Million euro, chain-linked		data [nrg_100a] Gross value added and income by A*10 industry breakdowns	- B-E				
A10	24246.9	(iv) gross value added - industry	volumes, reference year 2005 (at 2005 exchange rates)	- Construction	[nama_10_a10]	- F	Value added, gross			25.04.2016
A11	53774.4	(iv) gross value added - services	Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates)	- Wholesale and retail trade, transport, accommodation and food service activities - Information and communication - Innormation and communication - Financial and insurance activities - Financial and insurance activities - Professional, scientific and technical activities, administrative and support service activities - Professional, scientific and technical activities, administrative and support service activities - Professional, scientific and extension, defence, education, human health and social work activities - Arts, entertainment and recreation; other service activities; activities of household and extra-territorial organizations and bodies	Gross value added and income by A*10 industry breakdowns [nama_10_a10]	- G-I - J - K - L - M_N - O-Q - R-U	Value added, gross			25.04.2016
A12	56311	(v) disposable income for households	Million euro	Gross disposable income	Non-financial transactions [nasa_10_nf_tr]	<u>Until 2017:</u> S14 (if available) o S14_S15; <u>From 2017 on:</u> S14 only	"Households" (if available) or "Households; non-profit institutions serving households" (Until 2017)	Due to derogation for some MS granted by Eurostat		22.04.2016
A13	94682.4	(vi) gross domestic product (GDP)	Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates)	Gross domestic product at market prices	GDP and main components (output, expenditure and income) [nama_10_gdp]	BIGQ	-			25.04.2016
A14	2438.1	(vii) electricity generation from thermal power generation	ktoe	Gross electricity generation Main activity electricity only - Nuclear - Gross electricity generation Main activity CHP jaints - Nuclear - Gross electricity generation Main activity CHP jaints - Nuclear - Gross electricity generation Autoproducer electricity only - Nuclear - Gross electricity generation Autoproducer GHP jaints - Nuclear - Gross electricity generation Main activity electricity only - Genthesible Fuels - Gross electricity generation Main activity electricity only - Other Sources - Gross electricity generation Main activity electricity only - Other Sources - Gross electricity generation Main activity CHP jaints - Genthematal - Gross electricity generation Main activity CHP jaints - Genthematal - Gross electricity generation Main activity CHP jaints - Other Sources - Gross electricity generation Main activity CHP jaints - Other Sources - Gross electricity generation Autoproducer electricity only - Geothermal - Gross electricity generation Autoproducer electricity only - Combustible Fuels - Gross electricity generation Autoproducer electricity only - Healt from Chemical Sources - Gross electricity generation Autoproducer electricity only - Other Sources - Gross electricity generation Autoproducer GHP jaints - Genthematal - Gross electricity generation Autoproducer GHP jaints - Genthematal - Gross electricity generation Autoproducer GHP jaints - Genthematal - Gross electricity generation Autoproducer GHP jaints - Genthematal - Gross electricity generation Autoproducer GHP jaints - Genthematal - Gross electricity generation Autoproducer GHP jaints - Genthematal	Supply, transformation, consumption - electricity - annual data [mg_105a]	-15,107030 -15,107031 -15,107032 -15,107038 -15,107038 -15,107054 -15,107059 -15,107059 -15,107059 -15,107059 -15,107050 -15,107050 -15,107050 -15,107050 -15,107050 -15,107051 -15,107051 -15,107051 -15,107051 -15,107051 -15,107051 -15,107051 -15,107051 -15,107051 -15,107051 -15,107051 -15,107051 -15,107051 -15,107051 -15,107051 -16,10	Electrical energy			28.01.2016
A15	1689.4	(viii) electricity generation from CHP	ktoe	Gross electricity generation Main activity CHP plants - Nuclear - Gross electricity generation Autoproducer CHP plants - Nuclear - Gross electricity generation Main activity CHP plants - Geothermal - Gross electricity generation Main activity CHP plants - Geothermal - Gross electricity generation Main activity CHP plants - Other Sources - Gross electricity generation Autoproducer CHP plants - Other Sources - Gross electricity generation Autoproducer CHP plants - Combastible Fuels - Gross electricity generation Autoproducer CHP plants - Combastible Fuels - Gross electricity generation Autoproducer CHP plants - Other Sources - Gross electricity generation Autoproducer CHP plants - Other Sources	Supply, transformation, consumption - electricity - annual data [org_105a]	-15_107031 -15_107033 -15_107039 -15_107049 -15_107055 -15_107041 -15_107051 -15_107053 -15_107057	Electrical energy			28.01.2016
A16	1022.2	(ix) heat generation from thermal power generation	ktoe	Gross heat production Main activity CHP plants - Nuclear Gross heat production Main activity heat only plants - Nuclear Gross heat production Autoproducer CHP plants - Nuclear Gross heat production Autoproducer heat only plants - Nuclear Gross heat production Autoproducer heat only plants - Geothermal Gross heat production Main activity CHP plants - Geothermal Gross heat production Main activity CHP plants - Geothermal Gross heat production Main activity CHP plants - Heat Pumps Gross heat production Main activity CHP plants - Heat Pumps Gross heat production Main activity CHP plants - Other Sources Gross heat production Main activity CHP plants - Other Sources Gross heat production Main activity CHP plants - Other Sources Gross heat production Main activity CHP plants - Geothermal Gross heat production Autoproducer CHP plants - Geothermal Gross heat production Autoproducer CHP plants - Heat Pumps Gross heat production Autoproducer CHP plants - Heat Pumps Gross heat production Autoproducer CHP plants - Heat Forn Chemical Sources Gross heat production Autoproducer CHP plants - Heat From Chemical Sources Gross heat production Autoproducer CHP plants - Heat From Chemical Sources Gross heat production Autoproducer CHP plants - Selar Gross heat production Main activity heat only plants - Geothermal Gross heat production Main activity heat only plants - Geothermal Gross heat production Main activity heat only plants - Geothermal Gross heat production Main activity heat only plants - Geothermal Gross heat production Main activity heat only plants - Geothermal Gross heat production Main activity heat only plants - Geothermal Gross heat production Main activity heat only plants - Geothermal Gross heat production Main activity heat only plants - Geothermal Gross heat production Main activity heat only plants - Geothermal Gross heat production Main activity heat only plants - Geothermal Gross heat production Main activity heat only plants - Geothermal Gross heat production Main activity heat	Supply, transformation, consumption - heat - annual data [rrg_106a]	115, 107060 115, 107061 115, 107061 115, 107063 115, 107064 115, 107064 115, 107072 115, 107076 115, 107076 115, 107076 115, 107076 115, 107076 115, 107076 115, 107078 115, 107078 115, 107078 115, 107079 115, 107089	Derived heat			14.04.2016
A17		Waste heat produced in industrial installations	ktoe	Eurostat data not available. Please, provide national data with definitions/explanations in column 1.				Voluntary - See p. 39 SWD(2013)180, Annex A		
			I		<u> </u>		1	Ļ		

A18	490.8	(x) heat generation from CHP	ktoe	- Gross heat production Main activity CHP plants - Nuclear - Gross heat production Mathematical CHP plants - Muclear - Gross heat production Main activity CHP plants - Geothermal - Gross heat production Main activity CHP plants - Geothermal - Gross heat production Main activity CHP plants - Heat Pumps - Gross heat production Main activity CHP plants - Heat Pumps - Gross heat production Main activity CHP plants - Geothermal - Gross heat production Main activity CHP plants - Geothermal - Gross heat production Main activity CHP plants - Geothermal - Gross heat production Matoproducer CHP plants - Geothermal - Gross heat production Autoproducer CHP plants - Heat Pumps - Gross heat production Autoproducer CHP plants - Heat Pumps - Gross heat production Autoproducer CHP plants - Heat Pumps - Gross heat production Autoproducer CHP plants - Heat Pumps - Gross heat production Autoproducer CHP plants - Heat Form Chemical Sources - Gross heat production Autoproducer CHP plants - Heat Form Chemical Sources - Gross heat production Autoproducer CHP plants - Sodar	Supply, transformation, consumption - heat - annual data [nrg_106a]	-15_107060 -15_107062 -15_107062 -15_107072 -15_107072 -15_107076 -15_107080 -15_107086 -15_107068 -15_107074 -15_107078 -15_107082 -15_107082 -15_107088 -15_107088 -15_107088	Derived heat			14.04.2016
A19		Waste heat recovered from industrial installations	ktoe	Eurostat data not available. Please, provide national data with definitions/explanations in column J.				Voluntary - See p. 39 SWD(2013)180, Annex A		
A20	7885.5	(xi) fuel input for thermal power generation	ktoe	- Transformation input - Nuclear Power Stations - Transformation input - Conventional Thermal Power Stations - Transformation input - District Heating Plants	Supply, transformation, consumption - all products - annual data [nrg_100a]	- B_101002 - B_101001 - B_101009	All products			17.02.2016
A21	77872	(xii) passenger kilometres	Millions of pkm	Railway TRA_COV: Total transport	Railway transport - Total annual passenger transport (1 000 pass., million pkm) [rail_pa_total]	- TOTAL	-		National and international rail passenger transport without transit.	14.04.2016
			Millions of pkm	Road VEHICLE: Total	Passenger road transport on national territory, by type of vehicles registered in the reporting country [road_pa_mov]	- TOTAL	=		Road data are obtained from ITF trends.	
A22	n.a.	domestic maritime passenger kilometres	Millions of pkm	Eurostat data not available. Please, provide national data with definitions/explanations in column J.						
A23	n.a.	total national aviation passenger kilometres	Millions of pkm	Eurostat data not available. Please, provide national data with definitions/explanations in column J.						
A24	4322.6049	total international aviation passenger kilometres	Millions of pkm	Eurostat data not available. Please, provide national data with definitions/explanations in column J.					Data obtained from HCSO publication.	21.12.2015
A25	49486	(xiii) tonnes kilometres	Millions of tkm Millions of tkm	Railway TRA_COY: Total transport Road TRA_OPER: Total - Total transport	Railway transport - Goods transported, by type of transport (1 000 t, million tkm fail go typeall) Summary of annual road freight transport by type of operation and type of transport (1 000 t, Mio Tkm, Mio Veh- kml froad go ta totl	- TOTAL	- CARRIAGE: Total			14.04.2016 08.01.2016 18.04.2016
			Millions of tkm	Waterway TRA_COV: Total transport	Transport by type of good (from 2007 onwards with NST2007) [iww_go_atygo]	- TOTAL	NSTO7: Total transported goods (TOTAL) TYPPACK: All types of packaging (TOTAL)			10.04.2010
A26	n.a.	domestic maritime tonnes kilometres	Millions of tkm	Eurostat data not available. Please, provide national data with definitions/explanations in column J.						
A27	n.a.	total national aviation tonnes kilometres	Millions of tkm	Eurostat data not available. Please, provide national data with definitions/explanations in column J.						
A28	15.4727	total international aviation tonnes kilometres	Millions of tkm	Eurostat data not available. Please, provide national data with definitions/explanations in column J.					Data obtained from HCSO publication.	21.12.2015
A29	9877365	(xv) population	Persons	Population on 1 January - total	Demographic balance and crude rates [demo_gind]	JAN	-			08.03.2016
A30		Total number of households	Households	Eurostat data not available. Please, provide national data with definitions/explanations in column J.				Voluntary - see p. 39 SWD(2013)180, Annex A		
A31		Energy transmission and distribution losses (all fuels)	ktoe	Distribution Lasses	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_101400	All products	Voluntary - see p. 39 SWD(2013)180, Annex A		
A32		Heat generation from district heating plants	ktoe	Transformation output - District Heating Plants	Supply, transformation, consumption - heat - annual data [nrg_106a]	B_101109	Derived heat	Voluntary - see p. 39 SWD(2013)180, Annex A		
A33		Fuel input in district heating plants	ktoe	Transformation input - District Heating Plants	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_101009	All products	Voluntary - see p. 39 SWD(2013)180, Annex A		

and/or

Table B - Data based on national statistics

Last update (date of the data) Definition of provided national statistics (including differences respect the definitions of Eurostat indicators listed above) Number Data field Unit Source AR Indicator SWD(2013)180, Annex A B1 (i) primary energy consumption ktoe B2 (ii) total final energy consumption ktoe В3 (iii) final energy consumption - industry ktoe final energy consumprtion in pipeline transp Voluntary - See p. 39 SWD(2013)180, Annex A (iii) final energy consumption - households В6 ktoe В7 (iii) final energy consumption - services ktoe final energy consumption - agriculture В8 ktoe Voluntary Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates) B10 (iv) gross value added - industry Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates) B11 (iv) gross value added - services B12 v) disposable income for households Million euro Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates) B13 (vi) gross domestic product (GDP) B14 viii) electricity generation from CHP B16 (ix) heat generation from thermal power generation ktoe B17 Waste heat produced in industrial installation ktoe Voluntary - See p. 39 SWD(2013)180, Annex A B18 B19 ktoe Waste heat recovered from industrial installation Voluntary - See p. 39 SWD(2013)180, Annex A B20 ktoe (xi) fuel input for thermal power generation B21 B23 B24 Total number of households Voluntary - see p. 39 SWD(2013)180, Annex A B25 B26 Heat generation from district heating plants ktoe Voluntary - see p. 39 SWD(2013)180, Annex A B27 Fuel input in district heating plants Voluntary - see p. 39 SWD(2013)180, Annex A

Additional requirments Article 24 (1), Annex XIV, Part 1 (a) Energy Efficiency Directive

In sectors where energy consumption remains stable or is growing. Member States shall analyse the reasons for it and attach their appraisal to the estimates.

Annual Report 2016 Hungary Page 2/4

Annual Report 2016

Page 1/4

Hungary

Please, insert explanations or provide an extra/additional document:

34		An increase of 5.5% (from 3876 ktoe to 4091 ktoe) can be stipulated in the energy consumption of industry in 2014, that is in accordance with the 7% increase of the data of _gross value added – industry (A10) between 2013 and 2014. It should be noted, that energy consumption of industry figures for 2013 have been revised (from 3519 ktoe to 3876 ktoe) compared to the reported value of 2013, mainly due to a backward methodological adjustment by reallocating between energy use of petrolchemical industry.
35	Transport	
36	Households	
37	Services	
38	Agriculture (voluntary)	

Additional requirments Article 24 (1), Annex XIV, Part 1 (b) Energy Efficiency Directive

Updates on major legislative and non-legislative measures implemented in the previous year which contribute towards the overall national energy efficiency targets for 2020:

		Type of measure	Legal basis	Type of update	Please, insert explanations or provide an extra/additional document:
39-1		Regulations and legislative measures	General transposition: Energy Efficiency Directive EED	Adoption of a new measure, conclusion of agreement, publication of legislation, commencement/enforcement of a measure/programme	Act LVII of 2015 on Energy Efficiency
39-2		Regulations and legislative measures	General transposition: Energy Efficiency Directive EED	Adoption of a new measure, conclusion of agreement, publication of legislation, commencement/enforcement of a measure/programme	Government Decree No. 122/2015 (V. 26.) on Implementation of Energy Efficiency Act
39-3		Regulations and legislative measures	General transposition: Energy Efficiency Directive EED	Amendments, implementation or design changes and extension of an on-going measure	Government Decree No. 123/2015 (V. 26.) on the Ammendment of Some Governement Decrees Concerning Energy Efficiency
39-4		Regulations and legislative measures	Metering Art. 9 EED	Amendments, implementation or design changes and extension of an on-going measure	Government Decree No. 91/2015 (IV. 9.) on the Ammendment of Government Decree No. 19/2009 (I. 30.) on the Implementation of the Act XL of 2008 on Gas Supply
39-5		Regulations and legislative measures	Consumer information, empowering programme, information and training Art. 12 and 17 EED	Adoption of a new measure, conclusion of agreement, publication of legislation, commencement/enforcement of a measure/programme	Decree No.25/2015 (V. 26.) of the Minister of National Development on Information Supporting the Improvement of Energy Efficiency
39-6	Major legislative in the previous year	Regulations and legislative measures	Energy audits in large enterprises Art. 8 EED	Adoption of a new measure, conclusion of agreement, publication of legislation, commencement/enforcement of a measure/programme	Decree No. 26/2015 (V.26.) of the Minister of National Development on Detailed Order of Data Supply Concerning Energy Audits and the Annual Report of Registry Institutions of Auditors
39-7		Regulations and legislative measures	Efficiency in heating and cooling (cogeneration, district heating and cooling) Art. 14 EED	Amendments, implementation or design changes and extension of an on-going measure	Decree No. 24/2015 (V. 26.) of the Minister of National Development on the ammendment of Decree No. 110/2007 (XII. 23.) of the Minister of National Economy on the Calculation Method of Specification the Amount of Electricity and Useful Heat Co-generated by High Efficiency Effective Thermal Energy
39-8		Regulations and legislative measures	Other measures to promote energy efficiency Art. 19 EED	Adoption of a new measure, conclusion of agreement, publication of legislation, commencement/enforcement of a measure/programme	Government Decree No. 232/2015 (VIII. 20.) on Operation Photovoltaic Power Station in Order to the Reduction of Fossil Fuel Consumption of Public Institution Government Decision No. 1900/2015 (XII. 8.) on the Assignment of Public Institutions Authorized to Utilize electricity on Reduced Fare in 2016
39-9		Regulations and legislative measures	Other measures to promote energy efficiency Art. 19 EED	Adoption of a new measure, conclusion of agreement, publication of legislation, commencement/enforcement of a measure/programme	Decree No.82/2015 (XII. 23.) of Minister of Interior on the Usage and Consumption Orders of Central Handling Budget Estimates on Modern Cities Program Supports
39-10		Regulations and legislative measures	Nearly zero energy buildings	Adoption of a new measure, conclusion of agreement, publication of legislation, commencement/enforcement of a measure/programme	Decree No. 39/2015 (IX. 14.) of the Minister Heading the Prime Minister's Office on the Ammendment of Decree No. 7/2006 (V. 24.) of the Ministre without Portfolio on the Definition of Energetic Performances of Buildings Government Decree No. 261/2015 (IX. 14.) on the Ammendment of Government Decree No. 176/2008 (VI. 30.) on Certification of Energy Performance of Buildings
40-1		Plans & strategies	Alternative measure Art. 7 EED	Drafts, announcements, commitments, planned measures, discussions for a new measure	Government Decision No. 1215/2015 (IV. 17.) on Some Government Necessary Tasks to Reach Energy Savings
40-2		Plans & strategies	National Energy Efficiency Fund Art. 19 EED	Adoption of a new measure, conclusion of agreement, publication of legislation, commencement/enforcement of a measure/programme	Parliament Decision No. 27/2015 (VI. 17.) on the National Program for the Protection of Environment in the 2015-2020 period
40-3		Plans & strategies	General transposition: Energy Efficiency Directive EED	Amendments, implementation or design changes and extension of an on-going measure	Government Decision No. 1601/2015 (IX. 8.) on the III. National Energy Efficiency Action Plan
40-4		Plans & strategies	Renovation roadmap Art. 4 EED	Adoption of a new measure, conclusion of agreement, publication of legislation, commencement/enforcement of a measure/programme	Government Decision No. 1073/2015 (II. 25.) on National Building Energy Strategy
40-5	Major non-legislative in the previous year	Plans & strategies	Consumer information, empowering programme, information and training Art	Adoption of a new measure, conclusion of agreement, publication of legislation, commencement/enforcement of a measure/programme	Government Decision No. 1602/2015 (IX. 8.) on Climate and Energy Awareness Raising Action Plan
40-6	mojo non agonuma ili tile previous year	Funds, financial measures & fiscal incentives	Alternative measure Art. 7 EED	Continuation of existing measures/no significant updates	Energy Efficiency Support Programs in the framework of European Structural and Investment Funds Programs
40-7		Funds, financial measures & fiscal incentives	Alternative measure Art. 7 EED	Adoption of a new measure, conclusion of agreement, publication of legislation, commencement/enforcement of a measure/programme	Green Investment System and Green Economy Financing Scheme residental support programs ("Warmth of Home" Household Machine Replacement Subprogram 2014; Heating System Reconstruction Subprogram; Windows and Doors Replacement Subprogram; CNG Buses for Public Transport Subprogram)
40-8		Plans & strategies	Other EED-related measures	Adoption of a new measure, conclusion of agreement, publication of legislation, commencement/enforcement of a measure/programme	Jedlik Ányos Plan on promoting electromobility
40-9		Plans & strategies	Other	Adoption of a new measure, conclusion of agreement, publication of legislation, commencement/enforcement of a measure/programme	Government Decision No. 1602/2015 (IX. 8.) on Energy and Climate Awareness Raising Action Plan
40-10		Please select	Please select	Please select	

Annual Report 2016

Page 3/4

Additional requirements Article 24 (1), Annex XIV, Part 1 (c) Energy Efficiency Directive

	Total building floor area [m2] of the buildings with a total useful floor area over 250 m2 owned and occupied by the Member States' central government	total floor area= 488.505,9 m2 floor area which meet the requirements= 52.074,6m2
--	---	--

Total building floor area of the buildings with a total useful floor area over 500 m2 and as of 9 July 2015 over 250 m2 owned and occupied by the Member States' central government that, on 1 January of the year in which the report is due, did not meet the energy performance requirements referred to in Article 5(1):

Total building floor area [m2] of the buildings which did <u>not meet</u> the energy performance requirements refers to in Article S(1) on 1 January of the year in which the report is due	d on the 1st of January 2016 = 436.431,3 m2
---	---

Additional requirements Article 24 (1), Annex XIV, Part 1 (d) Energy Efficiency Directive

Total building floor area of heated and/or cooled buildings owned and occupied by the Member States' central government that was renovated in the previous year referred to in Article 5(1) or the amount of energy savings in eligible buildings owned and occupied by their central government as referred to in Article 5(6):

42-1	Total building floor area [m2] of buildings <u>renovated</u> in the previous year as referred to in Article 5(1)	11183,6 m2
42-2	Amount of energy savings [ktoe] <u>achieved</u> in the previous year in eligible buildings owned and occupied by their central government as referred to in Article 5(6)	We choose the Article 5 (1) approach

Additional requirments Article 24 (1), Annex XIV, Part 1 (e) Energy Efficiency Directive

Energy savings achieved through the national energy efficiency obligation schemes referred to in Article 7(1) or the alternative measures adopted in application of Article 7(9):

	Policy measure (notified)	Savings <u>achieved</u> [PJ] in 2014 (n-2)	Total <u>expected</u> savings [ktoe] by 2020 (voluntary)
43	Environment and Energy Operational Programme 4. (KEOP 4.)	0.42105	
44	Environment and Energy Operational Programme (KEOP 5.)	0.094926	
45	Central Hungary Operational Program (KMOP)	0.03244	
46	Regional Development Operational Program (ROP)	0.0203	
47	Green Investment Sceme (GIS) Green Economy Financing Scheme (GEFS)	0.07464	
48	Preliminary home thriftiness program	0.1326	
49	Road taxes	1.29	
50	Bicycle ways, and promotion bicyle traffic	0.5	
51	Public transport development programs (KÖZOP)	0.0335	
52	Energy Efficiency Awareness Raising Campaigne (KEOP 6.)	0.5	
53	Customised support decisions from state budget for energy efficiency projects	0.04	
54	Total savings	3.139456	

Annual Report 2016 Hungary Page 4/4