

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

Please, fill in the green fields (the grey ones are strong recommended, but voluntary). It can be chosen if Eurostat data or data based on national statistics is provided. Please, fill in Table A if data from Eurostat is reported. In case, the data is based on national statistics, please, fill in Table B and provide definitions.

Annual Report		2016
Reporting year		2014
Member State		Malta

Table A - Eurostat data

Number	2013	2014	% diff	AR Indicator	Unit(s)	Enstat indicator(s)	Enstat database table	Enstat code	Field/product(s)	SWD(2013)18, Annex A	Definition of provided national data for data fields not available in Enstat	Last update (date of the year)
A1	0.9	0.9	0.0%	(i) primary energy consumption	Mtoe	Primary Energy Consumption	Energy saving - annual data [eng_ind_3344]	B_100010	-	-	Gross shared energy consumption by full-time students (not same data as more detailed table)	17/02/2016
A2	526.0	543.2	3.3%	(ii) final total energy consumption	ktoe	Final Energy Consumption	Supply, transformation, consumption - all products - annual data [eng_1004]	B_101010	All products	-	No climate adjustment, see p. 39 SWD(2013)180, Annex A	17/02/2016
A3	46.7	47.0	0.6%	(iii) final energy consumption - industry	ktoe	Final Energy Consumption - Industry	Supply, transformation, consumption - all products - annual data [eng_1004]	B_103080	All products	-	-	17/02/2016
A4	284.3	284.5	3.6%	(iii) final energy consumption - transport	ktoe	Final Energy Consumption - Transport	Supply, transformation, consumption - all products - annual data [eng_1004]	B_101090	All products	-	-	17/02/2016
A6	71.7	72.4	1.0%	(iii) final energy consumption - households	ktoe	Residential	Supply, transformation, consumption - all products - annual data [eng_1004]	B_101010	All products	-	-	17/02/2016
A7	115.8	122.9	6.1%	(iii) final energy consumption - services	ktoe	Services	Supply, transformation, consumption - all products - annual data [eng_1004]	B_101010	All products	-	-	17/02/2016
A8	4.8	4.9	0.0%	final energy consumption - agriculture	ktoe	Agriculture/forestry	Supply, transformation, consumption - all products - annual data [eng_1004]	B_103010	All products	-	-	17/02/2016
A9	195.1	202.8	3.9%	final energy consumption - other sectors	ktoe	Other sectors	Supply, transformation, consumption - all products - annual data [eng_1004]	B_101000	All products	-	-	17/02/2016
A10	1129.7	1120.7	-0.8%	(iv) gross value added - industry	Million euro, chain-linked volume, reference year 2005 = 100 (2010=100)	Industry (except construction)	Gross value added and income by A10 industry breakdowns (items_10_410)	-	B - E	-	Malta has been granted a temporary derogation such that Gross Value Added is chain-linked volume although required by regulations not to do so.	04/04/2016
A11	4777.4	5104.0	6.8%	(iv) gross value added - services	Million euro, chain-linked volume, reference year 2005 = 100 (2010=100)	Wholesale and retail trade; transport, accommodation and food service activities; information and communication	Gross value added and income by A10 industry breakdowns (items_10_410)	-	E - F	-	Malta has been granted a temporary derogation such that Gross Value Added is chain-linked volume although required by regulations not to do so.	04/04/2016
A12	4 431 298	4 773 953	7.7%	(v) disposable income for households	Million euro	Financial and insurance activities	Gross disposable income	Non-financial transactions (items_10_410)	-	-	Due to derogation for same EU granted by Eurostat.	14/09/2015
A13	6198.6	6429.4	3.7%	(vi) gross domestic product (GDP)	Million euro, chain-linked volume, reference year 2005 (at 2005 exchange rates)	Gross domestic product at market prices	GDP and main components - volumes (items_10_410)	B6M-BIGD	-	-	This table uses ESA85 and is not updated anymore. GDP figures sourced from nama_10_gdp	04/04/2016
A14	190.6	186.6	-2.1%	(vii) electricity generation from thermal power generation	ktoe	Units electricity generation Main activity CHP plants - Nuclear	Supply, transformation, consumption - electricity - annual data [eng_1004]	-	15_100040	-	-	28/01/2016
A15	3.1	4.1	33.0%	(viii) electricity generation from CHP	ktoe	Gross electricity generation Main activity CHP plants - Nuclear	Supply, transformation, consumption - electricity - annual data [eng_1004]	-	15_100010	-	-	Calculations derived from Cogeneration reporting found in Annex 2 of Art 24, report for 2014. NEWSSEWCU
A16	3.3	4.5	33.3%	(ix) heat generation from thermal power generation	ktoe	Gross electricity generation Main activity CHP plants - Coal	Supply, transformation, consumption - electricity - annual data [eng_1004]	-	15_100010	-	-	Calculations derived from Cogeneration reporting found in Annex 2 of Art 24, report for 2014. NEWSSEWCU
A17	NDV(0)	NDV(0)	-	Waste heat produced in industrial installations	ktoe	Gross electricity generation Main activity CHP plants - Coal	Supply, transformation, consumption - electricity - annual data [eng_1004]	-	15_100010	-	-	28/01/2016
A18	0.0	0.0	0.0%	(x) heat generation from CHP	ktoe	Gross electricity generation Main activity CHP plants - Coal	Supply, transformation, consumption - electricity - annual data [eng_1004]	-	15_100010	-	-	28/01/2016
A19	NDV(0)	NDV(0)	-	Waste heat recovered from industrial installations	ktoe	Gross electricity generation Main activity CHP plants - Coal	Supply, transformation, consumption - electricity - annual data [eng_1004]	-	15_100010	-	-	28/01/2016
A20	509.4	497.8	-2.1%	(xi) fuel input for thermal power generation	ktoe	Gross electricity generation Main activity CHP plants - Coal	Supply, transformation, consumption - electricity - annual data [eng_1004]	-	15_100010	-	-	28/01/2016
A21	NDV(0)	NDV(0)	-	or passenger kilometres	Millions of pkm	Road VEHICLE: Total	Demographic balance and crude rates (demo_gnd)	-	-	-	-	08/03/2016
A29	421.364	425.384	1.0%	(xii) population	Persons	Population on 1 January - total	Demographic balance and crude rates (demo_gnd)	-	-	-	-	08/03/2016
A30	159.407	162.807	2.1%	(xiii) total number of households	Households	Household data	Demographic balance and crude rates (demo_gnd)	-	-	-	-	22/02/2016
A31	13.5	9.0	-33.3%	Energy transmission and distribution losses (all fuels)	ktoe	Distribution losses	Supply, transformation, consumption - all products - annual data [eng_1004]	B_101040	All products	-	-	17/02/2016
A32	NDV(0)	NDV(0)	-	Heat generation from district heating plants	ktoe	Transformation output - District Heating Plants	Supply, transformation, consumption - heat - annual data [eng_1004]	B_101010	Derived heat	-	-	17/02/2016
A33	NDV(0)	NDV(0)	-	Fuel input in district heating plants	ktoe	Transformation input - District Heating Plants	Supply, transformation, consumption - all products - annual data [eng_1004]	B_101010	All products	-	-	17/02/2016

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.

Please, insert explanations or provide an extra/additional document:				
34		Industry		Please refer to explanation in the report.
35		Transport		Please refer to explanation in the report.
36		Households		Please refer to explanation in the report.
37		Services		Please refer to explanation in the report.
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		Major legislative in the previous year		Establishment of Regulator for Energy and Water Services	REWS Act XXV of 2015- CAP 545	Establishment of Regulator for Energy and Water Services to perform the regulatory functions previously undertaken by the Malta Resources Authority which was established under legal Chapter 423 and forthwith repealed by this act.	
39-2				Sale of Electricity Generated from Co-generation Units Regulation	LN170 of 2015	The purpose of these regulations is to regulate the sale of electricity generated from cogeneration units and supplied to the distribution system operator.	
39-3				Minimum Requirements on the Energy Performance of Buildings: Guide F Parts I and II	LN 434 of 2015 Government Notification 1053 15/10/2015	The Conservation of Fuel, Energy and Natural Resources (Minimum Requirements on the Energy Performance of Buildings), published by the Building Regulation Office in August 2015, as Documents F - Part 1: Minimum Energy Performance Requirements for buildings in Malta and Part 2: Minimum Energy Performance Requirements for Building Services in Malta*, shall for all intents and purposes be deemed applicable for new and renovated buildings, as the case may be, from 1st January 2016.	
39-4				Please select	Please select	Please select	
39-5				Please select	Please select	Please select	
39-6				Please select	Please select	Please select	
39-7				Please select	Please select	Please select	
39-8				Please select	Please select	Please select	
39-9				Please select	Please select	Please select	
39-10				Please select	Please select	Please select	
40-1		Major non-legislative in the previous year		Guidance note - mandatory energy audits in non-SME's	Regulation 10 of Legal Notice 196/2014	Guidance Note on the carrying out of mandatory energy audits by non-SME's pursuant to Regulation 10 of LN 196/2014 transposing the Energy Efficiency Directive 2012/27/EU	
40-2				Roof thermal insulation and Double Glazing scheme 2012-2016	Government Notice 489 of 2012, and GN 375 of 2012, extended to 31/12/2014 by GN 1144 of 2013, extended to 31/12/2015 by GN 1298 of 2014, extended to 31/12/2016, by GN 1273 of 2015.	extension of grant schemes for Roof thermal insulation and double glazing for the residential and commercial sectors	
40-3				National SWH grant scheme	GN 347 of 15/4/2011, GN 345 of 2012, GN 372 of 9/2/2013, GN 1142 of 2013 extension to 31/12/2014, GN 1299 of 2014 extension to 31/12/2015, GN 1272 of 2015 extension to 31/12/2016.	Extension of grant schemes for Solar Water Heaters for domestic use	
40-4				Notice for the purposes of Regulation 10(11) of LN 376 of 2012 on the Energy Performance of Building Regulations under the Building Regulation act (Cap. 513)	Government Notice 1069 15/10/2015	Draft nZEB document published for public consultation (3/8/2015) nearly zero energy buildings plan for Malta	
40-5				Notice for the purposes of Regulation 12(1) of LN 376 of 2012 on the Energy Performance of Building Regulations under the Building Regulation act (Cap. 513)	Government Notice 1053 15/10/2015	methodology for calculating the EPC for non-dwellings (SIREM)	
40-6				Notice for the purposes of Regulation 12(1) of LN 376 of 2012 on the Energy Performance of Building Regulations under the Building Regulation act (Cap. 513)	Government Notice 1025 23/10/2015	methodology for calculating the EPC for dwellings (EPRDM)	
40-7				Budget Measures 2016: re-issue of Vehicle Scrappage scheme, promotion of Electric Vehicles and other energy efficiency measures for transport.	Budget Measures 2016	Updates on GN 150 of 14/2/2014 grant scheme for promotion of EV for individuals and GN351 of 4/4/2014 extension of grant scheme to include the business community and NGOs's transport/budget 2016. http://www.transport.gov.mt/News	
40-8				Please select	Please select	Please select	
40-9				Please select	Please select	Please select	
40-10				Please select	Please select	Please select	

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

41-1		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		158701
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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):

41-2		Total building floor area [m2] of the buildings which did not meet the energy performance requirements referred to in Article 5(1) on 1 January of the year in which the report is due		33802
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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 responsible 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 responsible in the previous year as referred to in Article 5(6)		Malta commenced the exercise to address Article 5 during the current year.
42-2		Amount of energy savings [ktoe] achieved in the previous year in eligible buildings owned and occupied by their central government as referred to in Article 5(6)		Malta commenced the exercise to address Article 5 during the current year.

Additional requirements 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 achieved (MWh) in 2014 (L2)	Total expected savings (MWh) by 2020 (voluntary)
43	Enemaka Corporation		6.088.000	
44	Public Buildings		1.345	
45	Residential Buildings		718.925	
46	Transport		1.171.416	
47	Voluntary Agreements		11.137.716	
48	Total savings		17.097.202	