

# 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). In case, the data based for reporting are based on national statistics, please, fill in Table B and provide definitions.

Annual Report	2020
Reporting year	2018/2019
Member State	ESTONIA

## 2020 target

Definition	
Description	
Target level	FEC
Value	
Transition	
If your target is set as a reduction, please provide the baseline (for intensity target also for the reference GDP level)	
Baseline for:	Value
Year	
Energy consumption	
GDP	
If your indicative target has been modified from the initial value submitted in 2013, please specify when, how (increase or decrease) and reasons for modification.	
FEC	When
FEC	How
FEC	Reasons for modification

## Table A - Eurostat data (not necessary)

Table B - Data based on national statistics (if different or not available in Eurostat)

Number	Data field	AR Indicator	Unit	Source	SWD(2013)180, Annex A	Definition of provided national statistics (including differences respect the definitions of Eurostat indicators listed above)	Last update (date of the data)
81		(i) primary energy consumption	ktoe	Eurostat SDE_07_10			
82		(ii) total final energy consumption	ktoe		No climate adjustment, see p. 39 SWD(2013)180, Annex A		
83		(iii) final energy consumption - industry	ktoe	Final energy consumption in industry by type of fuel [TENO0120]			
84		(iv) final energy consumption - transport	ktoe	Final energy consumption in transport by type of fuel [TENO0126]			
85		final energy consumption in pipeline transport	ktoe		Voluntary - See p. 39 SWD(2013)180, Annex A		
86		(v) final energy consumption - households	ktoe	Eurostat T2030_R0200			
87		(vi) final energy consumption - services	ktoe	Eurostat TENO0128 (final energy consumption in services by type of fuel)			
88		final energy consumption - agriculture	ktoe		Voluntary		
89		final energy consumption - other sectors	ktoe		Voluntary		
810		(v) gross value added - industry	Million euro, chain-linked volumes, reference year 2015 (at 2015 exchange rates)				
811		(vi) gross value added - services	Million euro, chain-linked volumes, reference year 2015 (at 2015 exchange rates)				
812		(v) disposable income for households	Million euro	Eurostat TEP5R_WC310			
813		(v) gross domestic product (GDP)	Million euro, chain-linked volumes, reference year 2015 (at 2015 exchange rates)				
814		(vii) gross electricity generation from thermal power generation	ktoe				
815		(viii) gross electricity generation from CHP	ktoe				
816		(ix) gross heat production from thermal power generation	ktoe				
817		Waste heat produced in industrial installations	ktoe		Voluntary - See p. 39 SWD(2013)180, Annex A		
818		(x) gross heat production from CHP	ktoe				
819		Waste heat recovered from industrial installations	ktoe		Voluntary - See p. 39 SWD(2013)180, Annex A		
820		(vi) Transformation input for electricity and heat generation	ktoe				
821		(vi) passenger kilometres	plm				
822		(vi) tonne kilometres	tkm				
823		(vi) population	Persons	Eurostat T1500001			
824		Total number of households	Households		Voluntary - see p. 39 SWD(2013)180, Annex A		
825		Energy transmission and distribution losses (all fuels)	ktoe		Voluntary - see p. 39 SWD(2013)180, Annex A		
826		Heat generation from district heating plants	ktoe		Voluntary - see p. 39 SWD(2013)180, Annex A		
827		Fuel input in district heating plants	ktoe		Voluntary - see p. 39 SWD(2013)180, Annex A		

**Additional requirements 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.

		Main reason 1	Main reason 2	Main reason 3	Please, explain 'other' reasons and provide any additional comments, supporting data or links to documents
34	Industry	Economic growth	Increase of value added	Increase of employment	
35	Transport	Economic growth	Increase of transport of goods	Increase of transport of passengers	
36	Households	Economic growth	Increase of disposable income of households	Please select	
37	Services	Economic growth	Increase of value added	Increase of disposable income of households	
38	Agriculture (voluntary)	Economic growth	Please select	Please select	

**Additional requirements 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 a link to an extra/additional document:
39-1	Funds, financial measures & fiscal incentives	Alternative measure Art. 7 EED	Amendment, implementation or design changes and extension of an on-going measure	Support scheme for apartment buildings renovation was changed so that regions where apartment prices are lower would get more support than regions with higher apartment prices. Link to the legal act: <a href="https://www.riikiteataja.ee/akt/126042019007">https://www.riikiteataja.ee/akt/126042019007</a> .
39-2	Funds, financial measures & fiscal incentives	Alternative measure Art. 7 EED	Amendment, implementation or design changes and extension of an on-going measure	Resource efficiency measure was updated and the funding cut. In 2018 small grant scheme was introduced in resource efficiency measure for enterprises that simplified application process and increased applicants. Additionally, target group was expanded to all manufacturing industry.
39-3	Please select	Please select	Please select	
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	Please select	Please select	Please select	
40-2	Please select	Please select	Please select	
40-3	Please select	Please select	Please select	
40-4	Please select	Please select	Please select	
40-5	Please select	Please select	Please select	
40-6	Please select	Please select	Please select	
40-7	Please select	Please select	Please select	
40-8	Please select	Please select	Please select	
40-9	Please select	Please select	Please select	
40-10	Please select	Please select	Please select	

Progress on additional measures introduced or planned to reach the 2020 target (in the context of the Task Force on Mobilising Efforts to Reach the EU Energy Efficiency Targets for 2020):

	Type of measure	Legal basis	Brief description of the measure (please indicate when it was implemented)	Expected additional energy savings	Additional information
Strengthening of existing measures or new measures	Please select	Please select			
	Please select	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 [m <sup>2</sup> ] of the buildings with a total useful floor area over 250 m <sup>2</sup> owned and occupied by the Member States' central government on 1 January 2020	1391826
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Total building floor area of the buildings with a total useful floor area over 250 m<sup>2</sup> 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 [m <sup>2</sup> ] of the buildings which did not meet the energy performance requirements referred to in Article 5(1) on 1 January 2020	886679
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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 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):

Default approach Article 5(1)		
42-1	Total building floor area [m <sup>2</sup> ] of buildings renovated in 2019 as referred to in Article 5(1)	22549
42-2	Amount of energy savings [ttoe] achieved in 2019 in eligible buildings owned and occupied by their central government due to renovation of buildings as set out in Article 5(1), expressed in primary or final energy (please specify)	N/A
42-3	Sum of energy savings [ttoe] achieved in eligible buildings owned and occupied by their central government due to renovation of buildings as set out in Article 5(1), expressed in primary or final energy over the time period 2014-2019	N/A

Please sum new savings achieved in each year (from 2014 to 2019).

Alternative approach Article 5(6)	Policy measure (Please, specify the policy measure)	Amount of energy savings [ttoe] achieved in 2019 in eligible buildings owned and occupied by their central government as referred to in Article 5(6)
43-1	Alternative measure 1	
43-2	Alternative measure 2	
43-3	Alternative measure 3	
43-4	Alternative measure 4	
43-5	Alternative measure 5	
43-6	Alternative measure 6	
43-7	Alternative measure 7	
43-8	Alternative measure 8	
43-9	Alternative measure 9	
43-10	Alternative measure 10	
43-11	Amount of energy savings [ttoe] achieved in 2019 in eligible buildings owned and occupied by their central government as referred to in Article 5(6), in primary or final energy	0
43-12	Sum of energy savings [ttoe] achieved in eligible buildings owned and occupied by their central government through the implementation of Article 5(6) in primary or final energy over the time period 2014-2019	

latest year

Please sum new savings achieved in each year (from 2014 to 2019) i.e. corresponding to 2% renovation rate.

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):

Energy savings achieved in 2018 (savings achieved from measures and notified under Article 7(1) and (6) shall not be part of this table)	Policy measure (Please, specify the policy measure)	Savings achieved in 2018 [ktoe] expressed in final energy*			Total cumulative expected savings [ktoe] by 2020 expressed in final energy (voluntary)
		Total annual end-use savings achieved [ktoe] in 2018 (amount of savings from new actions implemented from 2014 to 2018 that delivered savings in 2018)	thereof savings achieved [ktoe] in 2018 only from new actions that were implemented in 2018	Total cumulative end-use savings achieved [ktoe] from 2014 to 2018	
44-1	EEDS				
44-2	Alternative measure 1	Excise and value added tax of natural gas	31,29	9,2	31,29
44-3	Alternative measure 2	Excise and value added tax of electricity	49,62	10,49	49,62
44-4	Alternative measure 3	Excise and value added tax in heating sector	63,57	14,43	63,57
44-5	Alternative measure 4	Excise and value added tax of gasoline	54,29	14,387	54,29
44-6	Alternative measure 5	Excise and value added tax of diesel fuel and light fuel oil	115,8	31,251	115,8
44-7	Alternative measure 6	Value added tax of firewood	32,84	6,62	32,84
44-8	Alternative measure 7	Renovation of street lighting	0,017	0,014	0,019
44-9	Alternative measure 8	Energy and resource efficiency in industries	N/A	N/A	N/A
44-10	Alternative measure 9	Renovation of apartment buildings	5,04	1,55	14
44-11	Alternative measure 11	Renovation of kindergarten	0,047	0,047	N/A
44-12	Alternative measure 12	Supporting biomethan production and use in transport	N/A	N/A	N/A
44-13	Total savings		352,51	87,989	361,429

\* In case of changes in the reported new energy savings, total annual energy savings and cumulative energy savings for 2014, 2015, 2016 or 2017, please provide revised figures for each policy measure concerned and the total

Energy savings achieved in 2018 from supply side measures accounted for under Art. 7 (2)(c)	Policy measure (Please, specify the policy measure)	Total annual savings generated in 2018 [ktoe] from supply side measures (amount of savings from new actions implemented from 2014 to 2018 that delivered savings in 2018) expressed in final energy
45-1	Measure 1	Renovating old and inefficient heating pipelines
45-2	Measure 2	Renovating district heating boilers and changing fuel
45-3	Measure 3	
45-4	Total savings	

Energy savings achieved in 2018 from early actions accounted for under Art. 7 (2)(d)	Policy measure (Please, specify the policy measure)	Total amount of savings generated in 2018 [ktoe] from early actions that took place between 31/12/2008 and 31/12/2013 expressed in final energy
46-1	Measure 1	
46-2	Measure 2	
46-3	Measure 3	
46-4	Total savings	