

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

Please, fill in the grey fields. It can be chosen if Eurostat data or data based on national statistics is provided. Please, fill in table 1 if data from ESTAT is reported. If reported data is based on national statistics, please, fill in table 2 and provide definitions for all data fields. Information has to be provided always for data fields 34-74.

Annual Report	2015
Reporting year	2013
Member State	Belgium

Table 1 - Eurostat data

Number	Data field	AR Indicator	EUROSTAT Indicator(s)	EUROSTAT database table	EUROSTAT Code	Field/product(s)	unit(s)	last update	SWD(2013)180, Annex A	Definitions of provided national statistics for data fields: (17), (19), (22), (24) and (26)-(28)		
1	47,400	(i) primary energy consumption	Primary Energy Consumption	Energy saving - annual data [eng_ind_334a]	B_100910	-	ktoe					
2	34,800	(ii) total final energy consumption	Final Energy Consumption	Supply, transformation, consumption - all products - annual data [eng_100a]	B_101700	All products	ktoe		No climate adjustment, see p. 39 SWD(2013)180, Annex A			
3	10,500	(iii) final energy consumption - industry	Final Energy Consumption - Industry	Supply, transformation, consumption - all products - annual data [eng_100a]	B_101800	All products	ktoe					
4	9,800	(iii) final energy consumption - transport	Final Energy Consumption - Transport	Supply, transformation, consumption - all products - annual data [eng_100a]	B_101900	All products	ktoe					
5	Not mandatory in Annex XIV	final energy consumption in pipeline transport	Consumption in Pipeline transport	Supply, transformation, consumption - all products - annual data [eng_100a]	B_101845	All products	ktoe		Voluntary - See p. 39 SWD(2013)180, Annex A			
6	9,000	(iii) final energy consumption - households	Residential	Supply, transformation, consumption - all products - annual data [eng_100a]	B_102010	All products	ktoe					
7	5,600	(iii) final energy consumption - services	Services	Supply, transformation, consumption - all products - annual data [eng_100a]	B_102035	All products	ktoe					
8	Not mandatory in Annex XIV	final energy consumption - agriculture	Agriculture/Forestry	Supply, transformation, consumption - all products - annual data [eng_100a]	B_102030	All products	ktoe		Voluntary			
9	Not mandatory in Annex XIV	final energy consumption - other sectors	Other sectors	Supply, transformation, consumption - all products - annual data [eng_100a]	B_102000	All products	ktoe		Voluntary			
10	50.4	(iv) gross value added - industry	- Industry (except construction) - Construction	Gross value added and income by A*10 industry breakdowns [nama_10_a10]	- B-E - F	Value added, gross	Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates)					
11	254.0	(iv) gross value added - services	- Wholesale and retail trade, transport, accommodation and food service activities - Information and communication - Financial and insurance activities - Real estate activities - Professional, scientific and technical activities; administrative and support service activities - Public administration, 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	Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates)					
12	211.1	(v) disposable income for households	Disposable income, gross	Non financial transactions [nasa_nf_tr]	Until 2012: S14 (if available) or S14, S15; From 2017 on: S14 only	"Households" (if available) or "Households, non-profit institutions serving households" (until 2017)	Million euro, current prices					
13	373.1	(vi) gross domestic product (GDP)	Gross domestic product at market prices	GDP and main components - volumes [nama_gdp_k]	B1GM	-	Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates)		Due to derogation for some MS granted by ESTAT			
14	6,488.2	(vii) electricity generation from thermal power generation	- Gross electricity generation Main activity electricity only - Nuclear - Gross electricity generation Main activity CHP plants - Nuclear - Gross electricity generation Autoproducer electricity only - Nuclear - Gross electricity generation Autoproducer CHP plants - Nuclear - Gross electricity generation Main activity electricity only - Geothermal - Gross electricity generation Main activity electricity only - Combustible Fuels - Gross electricity generation Main activity electricity only - Other Sources - Gross electricity generation Main activity CHP plants - Geothermal - Gross electricity generation Main activity CHP plants - Combustible Fuels - Gross electricity generation Main activity CHP plants - Other Sources - Gross electricity generation Autoproducer electricity only - Solar Thermal - Gross electricity generation Autoproducer electricity only - Geothermal - Gross electricity generation Autoproducer electricity only - Combustible Fuels - Gross electricity generation Autoproducer electricity only - Heat from Chemical Sources - Gross electricity generation Autoproducer CHP plants - Geothermal - Gross electricity generation Autoproducer CHP plants - Combustible Fuels - Gross electricity generation Autoproducer CHP plants - Heat from Chemical Sources - Gross electricity generation Autoproducer CHP plants - Other Sources - Gross electricity generation Autoproducer electricity only - Solar Thermal	Supply, transformation, consumption - electricity - annual data [eng_105a]	- 15_107030 - 15_107031 - 15_107032 - 15_107033 - 15_107038 - 15_107048 - 15_107054 - 15_107039 - 15_107049 - 15_107055 - 14_107042 - 15_107040 - 15_107050 - 15_107052 - 15_107056 - 15_107050 - 15_107052 - 15_107056 - 15_107041 - 15_107051 - 15_107053 - 15_107057 - 14_107042	Electrical energy	ktep					
15	1,260.5	(viii) electricity generation from CHP	- 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 - Combustible Fuels - Gross electricity generation Main activity CHP plants - Other Sources - Gross electricity generation Autoproducer CHP plants - Geothermal - Gross electricity generation Autoproducer CHP plants - Combustible Fuels - Gross electricity generation Autoproducer CHP plants - Heat from Chemical Sources - Gross electricity generation Autoproducer CHP plants - Other Sources	Supply, transformation, consumption - electricity - annual data [eng_105a]	- 15_107031 - 15_107033 - 15_107038 - 15_107049 - 15_107055 - 15_107041 - 15_107051 - 15_107053 - 15_107057	Electrical energy	ktep					
16	861.5	(ix) heat generation from thermal power generation	- 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 Main activity CHP plants - Geothermal - Gross heat production Main activity CHP plants - Combustible Fuels - Gross heat production Main activity CHP plants - Heat Pumps - Gross heat production Main activity CHP plants - Electric Boilers - Gross heat production Main activity CHP plants - Other Sources - Gross heat production Main activity CHP plants - Solar - Gross heat production Autoproducer CHP plants - Geothermal - Gross heat production Autoproducer CHP plants - Combustible Fuels - Gross heat production Autoproducer CHP plants - Heat Pumps - Gross heat production Autoproducer CHP plants - Electric Boilers - Gross heat production Autoproducer heat only plants - Solar - Gross heat production Autoproducer heat only plants - Geothermal - Gross heat production Autoproducer heat only plants - Combustible Fuels - Gross heat production Autoproducer heat only plants - Heat Pumps - Gross heat production Autoproducer heat only plants - Electric Boilers - Gross heat production Autoproducer heat only plants - Heat from Chemical Sources - Gross heat production Autoproducer heat only plants - Other Sources	Supply, transformation, consumption - heat - annual data [eng_106a]	- 15_107060 - 15_107061 - 15_107062 - 15_107063 - 15_107064 - 15_107072 - 15_107076 - 15_107080 - 15_107086 - 15_107068 - 15_107066 - 15_107074 - 15_107078 - 15_107082 - 15_107084 - 15_107088 - 15_107070 - 15_107065 - 15_107069 - 15_107073 - 15_107077 - 15_107081 - 15_107087 - 15_107067 - 15_107071 - 15_107075 - 15_107079 - 15_107083 - 15_107085 - 15_107089	Derived heat	ktep					
17	Not mandatory in Annex XIV	Waste heat produced in industrial installations	ESTAT data not available. Please, provide national data with definitions/explanations in column K.						Voluntary - See p. 39 SWD(2013)180, Annex A			
18	850.0	(x) heat generation from CHP	- Gross heat production Main activity CHP plants - Nuclear - Gross heat production Autoproducer CHP plants - Nuclear - Gross heat production Main activity CHP plants - Geothermal - Gross heat production Main activity CHP plants - Combustible Fuels - Gross heat production Main activity CHP plants - Heat Pumps - Gross heat production Main activity CHP plants - Electric Boilers - Gross heat production Main activity CHP plants - Other Sources - Gross heat production Main activity CHP plants - Solar - Gross heat production Autoproducer CHP plants - Geothermal - Gross heat production Autoproducer CHP plants - Combustible Fuels - Gross heat production Autoproducer CHP plants - Heat Pumps - Gross heat production Autoproducer CHP plants - Electric Boilers - Gross heat production Autoproducer heat only plants - Solar - Gross heat production Autoproducer heat only plants - Geothermal - Gross heat production Autoproducer heat only plants - Combustible Fuels - Gross heat production Autoproducer heat only plants - Heat Pumps - Gross heat production Autoproducer heat only plants - Electric Boilers - Gross heat production Autoproducer heat only plants - Heat from Chemical Sources - Gross heat production Autoproducer CHP plants - Other Sources - Gross heat production Autoproducer CHP plants - Solar	Supply, transformation, consumption - heat - annual data [eng_106a]	- 15_107060 - 15_107062 - 15_107064 - 15_107072 - 15_107076 - 15_107080 - 15_107086 - 15_107068 - 15_107066 - 15_107074 - 15_107078 - 15_107082 - 15_107084 - 15_107088 - 15_107070 - 15_107065 - 15_107069 - 15_107073 - 15_107077 - 15_107081 - 15_107087 - 15_107067 - 15_107071 - 15_107075 - 15_107079 - 15_107083 - 15_107085 - 15_107089	Derived heat	ktep					
19	Not mandatory in Annex XIV	Waste heat recovered from industrial installations	ESTAT data not available. Please, provide national data with definitions/explanations in column K.						Voluntary - See p. 39 SWD(2013)180, Annex A			
20	6,500.0	(xi) fuel input for thermal power generation	- Transformation input - Nuclear Power Stations - Transformation input - Conventional Thermal Power Stations - Transformation input - District Heating Plants	Supply, transformation, consumption - all products - annual data [eng_100a]	- B_101002 - B_101001 - B_101009	All products	ktoe					
21	145.3	(xii) passenger kilometres (pkm)	Railway TRA_COV: Total transport Road VEHICLE: Total	Railway transport - Total annual passenger transport (1 000 pass., million pkm) [rail_pa_total] Passenger road transport on national territory, by type of vehicles registered in the reporting country (road_pa_mov)	- TOTAL - TOTAL	- -	Millions of passenger kilometres Millions of passenger kilometres					
22	Not mandatory in Annex XIV	passenger kilometres (pkm)	- Domestic Maritime: ESTAT data not available. Please, provide national data with definitions/explanations in column K.									
23	Not mandatory in Annex XIV	passenger kilometres (pkm)	- Total Aviation National: ESTAT data not available. Please, provide national data with definitions/explanations in column K.									
24	Not mandatory in Annex XIV	passenger kilometres (pkm)	- Total Aviation International: ESTAT data not available. Please, provide national data with definitions/explanations in column K.									
25	68.2	(xiii) tonnes kilometres (tkm)	Railway TRA_COV: Total transport Road TRA_OFER: Total transport Waterway TRA_COV: Total transport	Railway transport - Goods transported, by type of transport (1 000 t, million tkm) [rail_gg_typeall] Summary of annual road freight transport by type of operation and type of transport (1 000 t, Mio Tkm, Mio Veh-km) [road_gg_typeall] Transport by type of good (from 2007 onwards with NST2007) [jww_gg_typeg]	- TOTAL - TOTAL - TOTAL	- CARRIAGE: Total NST07: Total transported goods (TOTAL) TYPACK: All types of packaging (TOTAL)	Millions of Tonne-kilometre Millions of Tonne-kilometre Millions of Tonne-kilometre					
26	Not mandatory in Annex XIV	tonnes kilometres (tkm)	- Domestic Maritime: ESTAT data not available. Please, provide national data with definitions/explanations in column K.									
27	Not mandatory in Annex XIV	tonnes kilometres (tkm)	- Total Aviation National: ESTAT data not available. Please, provide national data with definitions/explanations in column K.									
28	Not mandatory in Annex XIV	tonnes kilometres (tkm)	- Total Aviation International: ESTAT data not available. Please, provide national data with definitions/explanations in column K.									
29	11,099,000	(xiv) population	Population on 1 January - total	Demographic balance and crude rates [demo_gind]	JAN	-	Persons					
30	Not mandatory in Annex XIV	Total number of households	ESTAT data not available. Please, provide national data with definitions/explanations in column K.						Voluntary - see p. 39 SWD(2013)180, Annex A			
31	Not mandatory in Annex XIV	Energy transmission and distribution losses (all fuels)	Distribution Losses	Supply, transformation, consumption - all products - annual data [eng_100a]	B_101400	All products	ktoe		Voluntary - see p. 39 SWD(2013)180, Annex A			
32	Not mandatory in Annex XIV	Heat generation from district heating plants	Transformation output - District Heating Plants	Supply, transformation, consumption - heat - annual data [eng_106a]	B_101109	Derived heat	ktoe		Voluntary - see p. 39 SWD(2013)180, Annex A			
33	Not mandatory in Annex XIV	Fuel input in district heating plants	Transformation input - District Heating Plants	Supply, transformation, consumption - all products - annual data [eng_100a]	B_101009	All products	ktoe		Voluntary - see p. 39 SWD(2013)180, Annex A			

or

Table 2 - Data based on national statistics

Number	Data field	AR Indicator	Unit	Source	SWD(2013)180, Annex A	Definition of provided national statistics
1_2		(i) primary energy consumption				
		(ii) total final energy consumption			No climate adjustment, see p. 39 SWD(2013)180, Annex A	
2_2		(iii) final energy consumption - industry				
3_2		(iii) final energy consumption - industry				
4_2		(iii) final energy consumption - transport				
		final energy consumption in pipeline transport			Voluntary - See p. 39 SWD(2013)180, Annex A	
5_2		(iv) final energy consumption - households				
6_2		(iii) final energy consumption - services				
7_2		final energy consumption - agriculture			Voluntary	
8_2		final energy consumption - other sectors			Voluntary	
9_2		(iv) gross value added - industry				
10_2		(iv) gross value added - services				
11_2		(v) disposable income for households				
12_2		(vi) gross domestic product (GDP)				
13_2		(vii) electricity generation from thermal power generation				
14_2		(viii) electricity generation from CHP				
15_2		(ix) heat generation from thermal power generation				
16_2		Waste heat produced in industrial installations			Voluntary - See p. 39 SWD(2013)180, Annex A	
17_2		(x) heat generation from CHP				
18_2		Waste heat recovered from industrial installations			Voluntary - See p. 39 SWD(2013)180, Annex A	
19_2		(xi) fuel input for thermal power generation				
20_2		(xii) passenger kilometres (pkm)				
21_2		(xiii) tonnes kilometres (tkm)				
25_2		(xiv) population				
29_2		Total number of households			Voluntary - see p. 39 SWD(2013)180, Annex A	
30_2		Energy transmission and distribution losses (all fuels)			Voluntary - see p. 39 SWD(2013)180, Annex A	
31_2		Heat generation from district heating plants			Voluntary - see p. 39 SWD(2013)180, Annex A	
32_2		Fuel input in district heating plants			Voluntary - see p. 39 SWD(2013)180, Annex A	
33_2						

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 :			Final energy consumption 2012 in ktoe (voluntary)	Final energy consumption 2013 in ktoe (as in data fields (3), (4), (6)-(9))
34	Industry	Decreasing : -21% since previous year ; -21% since 2011		10560
35	Transport	Stable : 0% since previous year ; -8% since 2011. Transport remains a quite sensitive sector. 2013 was a stabilisation year after the diminution in 2012.		#VALUE!
36	Households	Growing : +22% since previous year ; +22% since 2011. Mainly due to climatic impact on heating demand, 2013 was a cold year compared to 2012 (H002013 ~ 2138 ; H002012~1915)		9000
37	Services	Decreasing : -7% since previous year ; -25% since 2011		5600
38	Agriculture (voluntary)	Not mandatory in annex XIV		Not mandatory in Annex XIV
39	Other sectors (voluntary)	Not mandatory in annex XIV		Not mandatory in Annex XIV

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

Please, insert explanations or provide an extra/additional document :		
FEDERAL		
40a	Major legislative in the previous year	The following Commission Delegated Regulations (Labelling) were published in 2014 and are being implemented by Belgium: - Commission Delegated Regulation (EU) No 1254/2014 of 11 July 2014 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to energy labelling of residential ventilation units. - Commission Delegated Regulation (EU) No 65/2014 of 1 October 2013 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to the energy labelling of domestic ovens and range hoods. The following Commission Delegated Regulations were published in 2013 and came into force in 2014: - Commission Delegated Regulation (EU) No 811/2013 of 18 February 2013 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to the energy labelling of space heaters, combination heaters, packages of space heater, temperature control and solar device and packages of combination heater, temperature control and solar device. - Commission Delegated Regulation (EU) No 812/2013 of 18 February 2013 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to the energy labelling of water heaters, hot water storage tanks and packages of water heater and solar device. - Commission Delegated Regulation (EU) No 665/2013 of 3 May 2013 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to energy labelling of vacuum cleaners. The Federal Government is responsible for the market surveillance of products placed on the market in Belgium and for the surveillance of the shops regarding the display of the labels.
41a		The following Commission Delegated Regulations (Ecodesign) were published in 2014 and are being implemented by Belgium: - Commission Regulation (EU) No 66/2014 of 14 January 2014 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for domestic ovens, hobs and range hoods. - Commission Regulation (EU) No 548/2014 of 21 May 2014 on implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to small, medium and large power transformers. - Commission Regulation (EU) No 1253/2014 of 7 July 2014 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for ventilation units.
42a		General policy framework for public contracts (among other things energy efficiency): - Circular of 16 May, 2014 - Integration of sustainable development, including social clauses and measures in favor of SMEs, within the framework of public contracts procured by federal contracting agencies (Belgian Official Gazette (Moniteur belge), 21 May, 2014, p. 40529-40533)
50 a	Major non-legislative in the previous year	Energy efficiency in public contracts: - Royal Decree of 13 July 2014 on the energy efficiency requirements within the framework of certain contracts for the acquisition of products, services and buildings (Belgian Official Gazette, 18 July, 2014, p 54390 - 54393) The new Federal Government agreed to make the Public ESCO company, Federal Energy Services Company (FEDESCO), part of the Federal Ministry Regie des batiments. "Les Regie des Bâtiments" is the real estate specialist of the federal state. They are occupied with listing up the federal governmental buildings which need to be renovated according to the demands of the EU energy efficiency directive article 5, concerning and are responsible for the coordination of these renovations.
51a		Continuation of existing fiscal measures: - Tax deduction for roof insulation, other federal incentives for energy efficiency improvements in buildings were abolished since 2014. - Tax deduction for the interests of a green loan crossed before January 1, 2012. For the tax year 2015, the tax is 30% of the interest you paid in 2014, after deduction of the interest discount. - Tax deduction for the remainder part of the period of 10 years, if the property was certified in 2011 or before. The law applies from the date of the certificate that confirms that the property is a low energy house, passive house or zero energy. This certificate must be issued by an institution recognized by the King, by the competent local administration or by an institution or administration by the same authority in another Member State of the European Economic Area. - Registration tax for vehicles according to emission and euro norm parameters - Tax deduction for investments in energy efficiency by enterprises.
FLANDERS		
40b	Major legislative in the previous year	Following an evaluation of building energy performance legislation in 2013, the regulatory framework was amended through the final adoption of an amendment to the Energy Decision on 29 November 2013 and of an amendment to the Energy Decree on 26 February 2014. The following aspects were dealt with: - The definition of nearly zero-energy (nZEB) new construction has been fleshed out on the basis of the cost-optimum energy performance level of typical buildings. An E30 level has been set out as the nZEB target for new housing construction in 2021. E40 will be the target for office and school buildings in 2021. Government buildings must comply with E40 as early as 2019. - The interim steps for strengthening the E target and insulation requirements for the various building categories in preparation for the nZEB buildings in 2021 (June 2019 for government buildings) have been laid down. - Requirements have been imposed on technical installations (heating, hot water, cooling, ventilation, lighting) which, from 2015, are newly installed, replaced or upgraded in existing buildings. - An E target requirement has been introduced for major energy renovations from 2015 onwards.
41b		As part of the institutional agreement on the sixth reform of the state, it was agreed that the federal fund for the reduction of global energy costs (FRGE) would be dissolved. Local entities granted loans from the FRGE to private individuals to help fund energy-efficient renovations to their homes. As of 1 July 2014 the Regions have been responsible for such loans. A Royal Decree of 21 July 2014 transferred the staff of the FRGE to the Regions. The Decree of 19 December 2014 laying down accompanying measures for the 2015 budget allowed the Flemish Government to recognise loans granted by the Flemish Region to private individuals via local entities. The necessary funds were transferred on 1 January 2015 and the local entities were thus able to continue granting loans under the same conditions.
42b		On 16 May 2014 the Flemish Government introduced the following measures to the VLAREM (the Flemish Regulation on Environmental Permits): - The requirement for non-SMEs to carry out an energy audit by 1 December 2015 at the latest and then every 4 years, pursuant to Article 8 of the Energy Efficiency Directive (EED). The Flemish Energy Agency was charged with setting up a web application for these companies. This application was developed during 2014 and will allow the audit results to be collated and potential improvements for the target group to be formulated. - Natural gas heating units must, from 2018, have a combustion efficiency of at least 90%. For a limited number of 'non-premix' units the efficiency figure must be at least 88%. - The definition has been established of the cost-
43b		After the Flemish Government, on 31 January 2014, concluded a cooperation agreement with the other Regions in order to introduce a kilometre charge for road freight transport in 2016, work continued in 2014 on a draft Decree setting out the modalities of the levy (approved by the Flemish Government on 13 February 2015).
50b		On 4 April 2014 the Flemish Government finally approved the new energy policy agreements with the energy-intensive industries. The companies undertake to invest considerable sums (with a stricter IRR than in the 2006-2012 agreements), to examine the potential of cost-effective measures, to carry out a CHP feasibility study and to implement an energy management system. These agreements entered into force on 1 January 2015 and will continue until 2020.
51b		In 2014, 7 energy advice projects were launched; these are subsidised by the Flemish Government through sector federations and organisations, including 3 for households, 1 for agriculture and 3 for the construction industry. These projects will continue until 2016.
52b		In addition to ongoing information and raising awareness of rational energy use by the Flemish Government in the course of 2014, in the spring, a large-scale media campaign, '100% warm home', was organised to publicise insulation and energy-efficient heating. Twenty thousand people took part in a short test on the www.energiesparen.be website to determine how energy-efficient their heating was ('% warm home'). On 21 September 2014 the completely revised website was launched.
53b	Major non-legislative in the previous year	The implementation of energy performance legislation has been further supported. In 2014 a new recognition scheme for EPB reporters was introduced and a new EPB 3G software and the front office of the energy performance database was released. A large consortium of partners was established for the scientific and technical support of the EPB platform that aims to encourage cooperation between the Regions on improving EPB calculation methodology. A targeted preliminary policy and constructive cooperation with stakeholders has increased societal support for nZEB construction.
54b		In 2014 the second evaluation of the energy performance certification system for buildings was completed. The main already implemented action was the release at the end of 2014 of a new certification software for residential buildings. Since mid-2014 the draft calculation method for the non-residential building certificate has also been available.
55b		In December 2014 the Renovation Pact was launched pursuant to Article 4 EED. Its aim is to develop a coherent action plan with a short, medium and long-term perspective resulting in a major increase in the level of renovation of the Flemish building stock and in the optimisation of energy performance to nZEB level. The Renovation Pact should lead to the establishment of a partner organisation in which resources, information, activities and competences are pooled for the achievement of the common objective. On 16 December 2014 around 30 Flemish organisations signed a declaration in which they undertake to help draw up the Pact during the first half of 2015. This means: - agreeing on the long-term objective (nZEB definition) for the existing housing stock; - setting out the contours of a policy framework for the Pact; - identifying best practices for a Renovation Pact both at home and abroad; - elaborating financial support and funding activities; - collecting ideas for societally-acceptable renovation obligations; - developing a marketing plan to positively communicate the aims and the implementation of the Pact.
WALLONIA		
40c	Major legislative in the previous year	Decree of 28 November 2013 regarding the energy performance of buildings and the implementing decision of 15 May 2014; these will enter into force on 1 May 2015 and guarantee the progressive enforcement of the requirements, allowing for the timely achievement of nZEB housing (reduction of energy consumption and use of renewables). http://energie.wallonie.be/fr/arrete-du-gouvernement-wallon-du-15-mai-2014.html?DOC=8209
41c		Since 1 January 2015 the energy performance indicators must be listed in all sale or rent advertising for a building or an EPB unit, so that buyers can take it into effective consideration in terms of choice (and price) criteria. http://energie.wallonie.be/fr/vendre-acheter-louer-un-batiment.html?DOC=7234
42c		Walloon Government Decree of 19 June 2014 amending that of 4 July 2002 on the procedure and various implementing measures of the Decree of 11 March 1999 on environmental permits and inserting Annex XXXI to transpose Article 14(5) to 14(7) and Annex IX to the Directive in order to make mandatory a cost-benefit analysis and the installation of co-generation when planning a new installation the thermal performance of which is greater than 20 MW or when substantially renovating such an installation.
43c		Walloon Government Decree of 13 February 2014 amending that of 30 November 2006 on the promotion of electricity produced from renewable energy sources or co-generation, transposing in particular the provisions on guarantees of origin regarding electricity produced from co-generation.
44c		Walloon Government Decree of 27 February 2014 on the granting of subsidies to companies and representative organisations to improve energy efficiency and promote the more rational use of energy by the private sector (AMURE); the Decree establishes an accreditation system for energy auditors in companies.
45c		Walloon Government Decree of 16 January 2014 on the public service obligation of distribution service operators to encourage the rational use of energy; the Decree capped the incentives for private individuals to install photovoltaic panels at 3 kWc so as to encourage the correct size of domestic installations and thus limit electricity wastage.
46c		Climate Decree of 20 February 2014, which makes an overall contribution to the achievement of regional energy efficiency goals.
50c		Regarding the achievement of national overall energy efficiency goals for 2020 in the industrial sector, the 2nd generation industry-wide agreements began in 2014; the aims are to improve energy efficiency by 11.4% and to reduce CO2 emissions by 16.1% by 2020. At the end of 2013 153 firms participated in the 15 agreements, with results, still being validated, of 8.7% and 12.9% respectively. The financial contributions are rolled over, apart from the reduction in taxes on energy products. These 2nd generation agreements maintained performance targets for improving energy efficiency and CO2 emission, but added obligations of means as the estimate of the potential for development of renewable energy sources at industrial sites, the preparation of a study of CO2 as carbon industrial sites concerned, a life cycle analysis on one of the key products of the undertaking and the establishment of an energy 'roadmap' until 2050 in each participating industrial sector.
51c		Under Article 4 of the EE Directive, Wallonia has prepared a first draft of a strategy for the renovation of the building stock in Annex B of the Walloon EEAP 3, a chapter of the Belgian NEAP 3. http://ec.europa.eu/energy/efficiency/eed/doc/eneep2014_eneep_en_belgium.pdf
52c	Major non-legislative in the previous year	The poorest households have not been forgotten; the Walloon Housing Association has launched PIVERT, a major renovation programme for Walloon public housing based on the results of the energy registry of social housing, setting objectives and priorities for the energy renovation of Wallonia's social housing stock. http://www.wal.be/espace-citoyen/21-menu-wal/23-not-priorites
53c		Wallonia is also committed, during the new 2014-2019 parliamentary term, to increase the awareness and information of consumers about their options for action regarding their energy consumption, and to provide a single local point of contact for access to the various available support tools. http://www.wallonie.be/sites/wallonie/files/publications/dgr_2014-2019.pdf
54c		The energy audit is a valuable tool in improving the energy performance of buildings. Our network of qualified auditors now has a new tool for performing this audit, extending the service offered to all types of housing, improving the flexibility of recommendations (including changes already planned), incorporating new technologies and the use of renewable energies, and allowing a direct link to the regulatory EPB certificate in case of sale or rent. http://energie.wallonie.be/fr/la-nouvelle-pae.html?DOC=78967&highlighttext=PAE2-4DOC-6235
55c		As regards the renovation of existing buildings, a reform of the bonus system (energy and refurbishment) for private individuals is taking place at the moment. The main thrust of this reform is to harmonise, simplify and optimise the bonus system to make it more efficient, paying special attention to the size of households and to low and medium incomes, reducing deadweight effects. Pending the finalisation of this reform, a period of temporary freezing of bonuses has been ordered, as the time needed to prepare the reform favours 'soft' loans (Ecopack). http://energie.wallonie.be/fr/reforme-et-mesures-transitoires-des-primas-energie-et-logement.html?DOC=99232&DOC=6302 http://www.ecopack-wallonie.be/fr/
56c		Exceeding the current standards of energy performance of buildings is encouraged through specific support, such as demonstration projects (Wallonia exemplary building competition). http://energie.wallonie.be/fr/participer-au-concours-batiments-exemplaires-wallonie.html?DOC=72930&DOC=6302
BRUSSELS-CAPITAL REGION		
40d	Major legislative in the previous year	Decree of the Brussels-Capital Region Government of 16 January 2014 on the registration of impact assessment, the support service and enforcement officers within the meaning of Chapter 3 of Title 3 of Book 2 of the Brussels Air, Climate and Energy Management Code (COBRACE) (Moniteur Belge 05/02/2014)
41d		Decree of the Brussels-Capital Region Government of 3 April 2014 amending various Decrees relating to the energy performance and indoor climate of buildings, EPB works, and setting the date of entry into force of various provisions of the order of 2 May 2013 establishing the COBRACE, adopted pursuant to Articles 2.1.1, 4, 2.2.2, § 1, 2.2.3, § 1 and 2), 2.2.4 (2), 2.2.6 (2), 2.2.7 (1), para. 2 and 2.2.7, § 1, § 1, 2.2.8, § 2, § 2, 2.2.11, § 4, 2.2.12, § 3 and § 4, 2.5.2, § 2 (2 and 4.4.1) of the COBRACE (published in the Moniteur Belge on 15/05/2014)
42d		Decree of the Brussels-Capital Region Government of 3 April 2014 amending that of 5 March 2009 determining the procedure for an alternative calculation method for new buildings, implementing Articles 2.2.2, § 2 and 2.2.12, § 3 of the COBRACE (MB 15/07/2014).
43d		Decree of the Brussels-Capital Region Government of 24 April 2014, which amends various Decrees implementing the Order of 7 June 2007 concerning the energy performance and indoor climate of buildings, with regard to energy performance certification (MB 16/09/2014)
44d		Since 1 July 2014, as part of the sixth reform of the state, the Region has been responsible for gas and electricity distribution network pricing: in this respect, on the initiative of the Brussels regulator, the pricing period has been extended to 5 years. The electricity order has been amended again by the amending order of 8 May 2014 to include the exercise of these new pricing powers. It should also be noted that, in the context of its new competence relating to the distribution tariffs, the Brussels legislator has laid down a rule specifically for electricity - progressive tariffs. This concerns the 'distribution' part of the electricity price. It will apply to residential customers at the latest from 1 January 2018. In particular, the regulator seeks to promote the rational use of energy by making it proportionately more expensive for large consumers, thus encouraging them to reduce their consumption, for example, by making energy-saving investments. Brugel will set the rules for the progressive tariffs. However, these rules have yet to be published.
45d		Decree of the Brussels-Capital Region Government of 15 May 2014 on the example to be set by the government regarding transport and amending the Decree of 7 April 2011 on company transport plans.
46d		A ministerial decree of 10 June 2014 fixed the typical content and the general conditions of implementation of the energy audit required by the Decree of the Brussels Capital Region Government of 15 December 2011 on energy audits for large energy consumers.
50d	Major non-legislative in the previous year	The energy bonus scheme encourages the carrying out of renovation work in both the private and public sectors. The bonuses are regional aid, available to any natural or legal person who holds a right in rem or who rents or manages immovable property located in the Brussels-Capital Region, for work on improving energy efficiency or the use of renewable energy sources. The bonuses are graduated according to household incomes and boost in particular insulation works, investments in efficient thermal regulation systems, green roofs, the installation of solar panels, the purchase of electrical appliances which are not energy-intensive, and building renovation to reach low-energy status. For collective housing and the tertiary and industrial sectors, these bonuses also encourage additional investments (district heating, lighting, etc.) that affect the whole building. The 2014 budget for energy bonuses was EUR 21.8 million.

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

Total building floor area of the buildings with a total useful floor area over 500 m 2 and as of 9 July 2015 over 250 m 2 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).

FEDERAL			
60a	Total building floor area 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	Total RdB Belgium 401.817 m²	The data of 2014 is not yet available. Consequently the Regie,"Les Regie des Bâtiments (RdB)" the real estate specialist of the federal state, could not make an new estimation of this indicator to evaluate the energy savings realised.
FLANDERS			
60b	Total building floor area 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	587.686 m²	
BRUSSELS-CAPITAL REGION			
60c	Total building floor area 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	86,370	The Region's required area has been revised on the basis of an updated inventory.
COMMON COMMUNITY COMMISSION			
60d	Total building floor area 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	3,146	The COCOM's required area has been revised on the basis of an updated inventory.
COMMISSION OF THE FRENCH COMMUNITY			
60e	Total building floor area 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	4,946.7	The COCOF's required area remains the same as that notified by Belgium in December 2013.
WALLOON REGION			
60f	Total building floor area 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	96,628	The establishment of an accurate register of buildings, including their validated consumption, is still ongoing. It is a process which takes time. For the time being, this register covers a total surface area of 216 975 m². The determination of non-compliant buildings which are therefore subject to the obligation entails a validation of consumption, which is not yet finalised. The figure mentioned in the December 2013 notification is therefore provisionally maintained.
WALLONIA-BRUSSELS FEDERATION			
60g	Total building floor area 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	6,532	The establishment of an accurate register of buildings, including their validated consumption, is still ongoing. It is a process which takes time. For the time being, this register covers a total surface area of 232 546 m². The determination of non-compliant buildings which are therefore subject to the obligation entails a validation of consumption, which is not yet finalised. The figure mentioned in the December 2013 notification is therefore provisionally maintained.
GERMAN-SPEAKING COMMUNITY			
60h	Total building floor area 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	11,450	The establishment of an accurate register of buildings, including their validated consumption, is still ongoing. It is a process which takes time. For the time being, this register covers a total surface area of 19 789 m². The determination of non-compliant buildings which are therefore subject to the obligation entails a validation of consumption, which is not yet finalised. The figure mentioned in the December 2013 notification is therefore provisionally maintained.

Additional requirments 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)

61	Total building floor area buildings renovated in the previous year as referred to in Article 5(6)		
FEDERAL			
62a	Amount of energy savings in the previous year in eligible buildings owned and occupied by their central government as referred to in Article 5(6)		The data of 2014 is not yet available. Consequently the Regie,"Les Regie des Bâtiments" the real estate specialist of the federal state, could not make an new estimation of this indicator to evaluate the energy savings realised.
FLANDERS			
62b	Amount of energy savings in the previous year in eligible buildings owned and occupied by their central government as referred to in Article 5(6)	The savings due to investments ending in 2014 amount to 576 439.4 kWh (primary) or 23.86% of the target notified to the Commission on 23 December 2013 (2.416 GWh).	
BRUSSELS-CAPITAL REGION			
62c	Amount of energy savings in the previous year in eligible buildings owned and occupied by their central government as referred to in Article 5(6)		No energy savings as yet
COMMON COMMUNITY COMMISSION			
62d	Amount of energy savings in the previous year in eligible buildings owned and occupied by their central government as referred to in Article 5(6)		No energy savings as yet
COMMISSION OF THE FRENCH COMMUNITY			
62e	Amount of energy savings in the previous year in eligible buildings owned and occupied by their central government as referred to in Article 5(6)		No energy savings as yet
WALLOON REGION			
62f	Amount of energy savings in the previous year in eligible buildings owned and occupied by their central government as referred to in Article 5(6)		2014 consumption is not yet available. 2014 investment has therefore not yet been valued in terms of energy savings.
WALLONIA-BRUSSELS FEDERATION			
62g	Amount of energy savings in the previous year in eligible buildings owned and occupied by their central government as referred to in Article 5(6)		2014 consumption is not yet available. 2014 investment has therefore not yet been valued in terms of energy savings.
GERMAN-SPEAKING COMMUNITY			
62h	Amount of energy savings in the previous year in eligible buildings owned and occupied by their central government as referred to in Article 5(6)		2014 consumption is not yet available. 2014 investment has therefore not yet been valued in terms of energy savings.

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 achieved in year (please, select the year in cell C147 below)	Total expected savings by 2020 (voluntary)
		2014		
Flanders				
63a	EECS			
	New energy policy agreements with VER companies	No savings figures yet for 2014	26 615 GWh, in line with the notification to the Commission of 5 December 2013	
64a				
	New energy policy agreements with non-VER companies	No savings figures yet for 2014	6 730 GWh, in line with the notification to the Commission of 5 December 2013	
65a	Imposition of RUE requirements on network operators by the government	No savings figures yet for 2014	18 422 GWh, in line with the notification to the Commission of 5 December 2013	
66a	Total savings	No savings figures yet for 2014	51 767 GWh, in line with the notification to the Commission of 5 December 2013	
73a				
BRUSSELS CAPITAL				
63b	EECS			
64b	Call for projects for exemplary buildings	No savings figures yet for 2014	54.02 GWh, in line with the notification to the Commission of 5 December 2013	
65b	PLAGE	No savings figures yet for 2014	360.10 GWh, in line with the notification to the Commission of 5 December 2013	
66b	Periodic check on heating units	No savings figures yet for 2014	436.57 GWh, in line with the notification to the Commission of 5 December 2013	
67b	Energy audits	No savings figures yet for 2014	353.47 GWh, in line with the notification to the Commission of 5 December 2013	
68b	Low energy house	No savings figures yet for 2014	184.56 GWh, in line with the notification to the Commission of 5 December 2013	
69b	Energy bonuses (early action)		1835.62 GWh, in line with the notification to the Commission of 5 December 2013	
70b	Energy bonuses (2014-2020)	No savings figures yet for 2014	3430.25 GWh, in line with the notification to the Commission of 5 December 2013	
71b	Passing on of occupancy costs	No savings figures yet for 2014	54.02 GWh, in line with the notification to the Commission of 5 December 2013	
72b	Obligation on heating oil suppliers	No savings figures yet for 2014	379.46 GWh, in line with the notification to the Commission of 5 December 2013	
73b	Total savings	No savings figures yet for 2014	7426.56 GWh, in line with the notification to the Commission of 5 December 2013 (= early actions + 2014-2020)	
WALLOON REGION				
63c	EECS	N/A	N/A	
64c	Sectoral Agreements 2	No figures yet for 2014	9 800 GWhcum, in line with notification version B of 21/05/2014	
65c	New voluntary agreements	No figures yet for 2014	2 940 GWhcum, in line with notification version B of 21/05/2014	
66c	UREBA (normal)	No figures yet for 2015	898 GWhcum, in line with notification version B of 21/05/2014	
67c	UREBA (additional)	No figures yet for 2016	198 GWhcum, in line with notification version B of 21/05/2014	
68c	Ecopack	No figures yet for 2017	784 GWhcum, in line with notification version B of 21/05/2014	
69c	Renovation bonuses	No figures yet for 2018	2 744 GWhcum, in line with notification version B of 21/05/2014	
70c	Energy bonuses for private individuals	No figures yet for 2019	8 288 GWhcum, in line with notification version B of 21/05/2014	
71c	Energy bonuses for industry	No figures yet for 2020	140 GWhcum, in line with notification version B of 21/05/2014	
72c	Early Actions	3 615 GWh in 2013, linked to the impact of early actions between 2009 and 2013. (see Annex W1) This exceeds the ceiling corresponding to the maximum exemption of 25% (see notification version B of 21/05/2014)		
73c	Total savings	25 675 GWhcum, without early actions, in line with notification version B of 21/05/2014		

Table 1: National Energy Indicators required according to article 24.1 and annex XIV part I of the EE Directive 2012/27/EU

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Unit
(i)	Primary energy consumption	52.01	48.7	47.4							43.7	Mtoe
(ii)	Total final energy consumption	38.86	36.6	34.8							32.5	Mtoe
(iii)	Final energy consumption by sector											
-	Industry	13.27	13.3	10.5								Mtoe
-	Transport (incl. aviation)	10.7	9.8	9.8								Mtoe
-	Households	7.4	7.4	9								Mtoe
-	Services	7.5	6	5.6								Mtoe
(iv)	Gross value added by sector											
-	industry	54.8	50	50.4								billion euro (*)
-	services	248.3	223.4	254								billion euro (*)
(v)	Disposable income of households	205.1	211.9	211.1								billion euro
(vi)	Gross domestic product (GDP)	362.5	327.2	373.1								billion euro (*)
(vii)	Electricity generation from CONVENTIONAL thermal power generation	22.85	20.9	18.1								TWh
(viii)	Electricity generation from combined heat and power	14.18	15.2	14.7								TWh
(ix)	Heat generation from thermal power plants	0.02	0.01	0.01								Mtoe
(x)	Heat generation from combined heat and power plants	0.89	0.75	0.85								Mtoe
(xi)	Fuel input for thermal power generation	7.23	6.8	6.5								Mtoe
(xii)	Passenger kilometres (road and rail) (**)	144.3	144.8	145.3								billion pkm
(xiii)	Tonnes kilometres (**)	66.3	66.4	66.2								billion tkm
(xiv)	Combined transport kilometres	-										
(xv)	population	11036	11100	11099								thousand

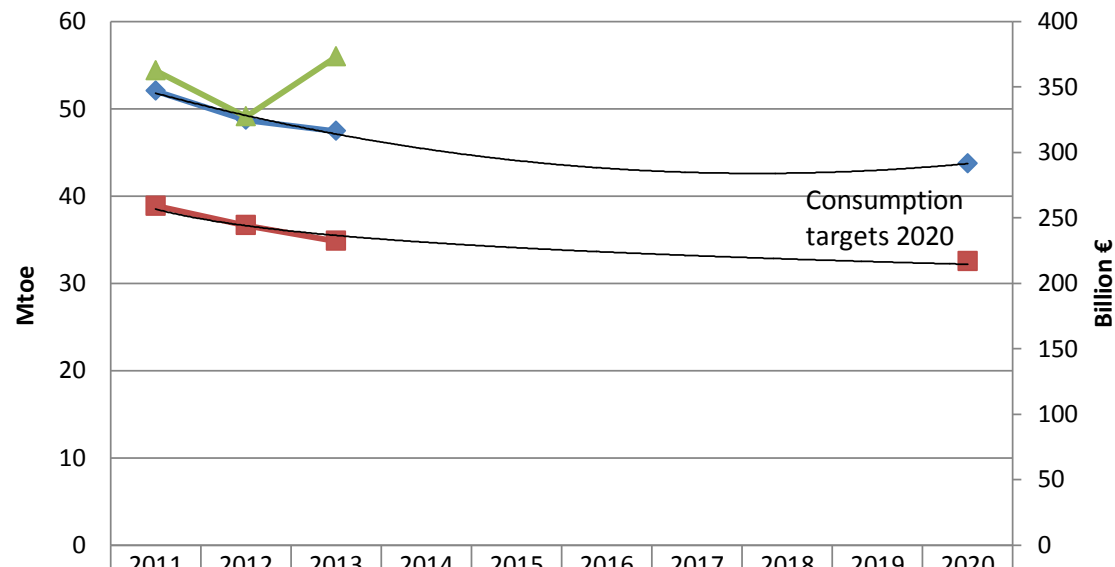
Sources: Eurostat, BNB/NBB, Statistical pocket book 2013 (EC), FPB (transport data base and scoreboard), DGSIE/ADSEI.

(*): chained euros, reference year 2005

(**): figures for the previous year .

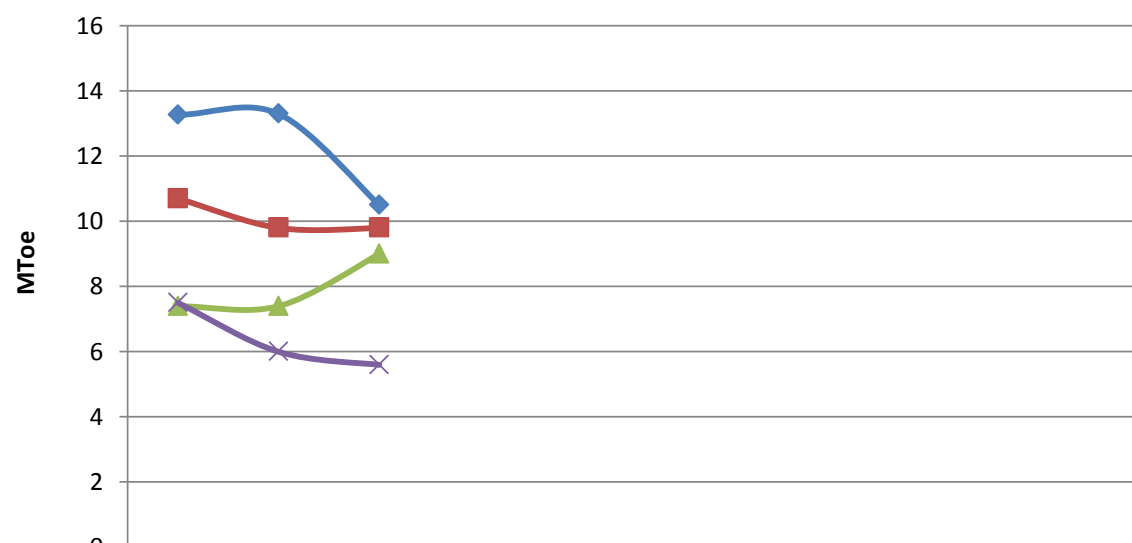
N.B. Gross electricity and heat generation.

Primary and final energy consumption vs GDP



Primary energy consumption Mtoe	52.01	48.7	47.4							43.7
(ii) Total final energy consumption	38.86	36.6	34.8							32.5
(vi) Gross domestic product (GDP)	362.5	327.2	373.1							

Final energy consumption by sectors



Industry	13.27	13.3	10.5							
Transport (incl. aviation)	10.7	9.8	9.8							
Households	7.4	7.4	9							
Services	7.5	6	5.6							

	2011	2012	2013	Trend n-1	Global trend
Industry	13.27	13.3	10.5	-21%	-21%
Transport	10.7	9.8	9.8	0%	-8%
Households	7.4	7.4	9	22%	22%
Services	7.5	6	5.6	-7%	-25%

Annex for Wallonia - Belgian Annual Report on Article 7 of the EED

2014 impact figures are not yet available.
This report is only based on the 25% exemption by early actions

Aim to be achieved	No exemption	34,234	GWhcum
	Exemption (25%)	8,559	GWhcum
	Total after exemption (75%)	25,676	GWhcum

		Early Actions					Period 1				Period 2			
		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Sectoral Agreements 1	Additional annual EE	148	1,372	460	118	-								GWh/year
	Total annual EE	148	1,520	1,980	2,098	2,098								GWhcum/year
Sectoral Agreements 2	Additional annual EE	-	-	-	-	196								GWh/year
	Total annual EE	-	-	-	-	196								GWhcum/year
ECOPACK	Additional annual EE	-	-	-	16	34								GWh/year
	Total annual EE	-	-	-	16	50								GWhcum/year
Energy Bonuses	Additional annual EE	237	242	233	147	179								GWh/year
	Total annual EE	237	480	713	859	1,038								GWhcum/year
Bonuses for industry	Additional annual EE	3	3	3	2	2								GWh/year
	Total annual EE	3	6	9	10	12								GWhcum/year
REHA	Additional annual EE	7	13	27	40	24								GWh/year
	Total annual EE	7	20	47	87	111								GWhcum/year
UREBA	Additional annual EE	9	16	19	26	4								GWh/year
	Total annual EE	9	25	43	69	73								GWhcum/year
UREBA2008	Additional annual EE	37	-	-	-	-								GWh/year
	Total annual EE	37	37	37	37	37								GWhcum/year
Total of measures														
	Annual EE total early actions					3,615								GWhcum/year
	Capped annual EE total early actions					1,223	1,223	1,223	1,223	1,223	1,223	1,223	1,223	GWhcum/year
	Intermediary periods capped early actions									4,891		3,668		GWhcum
	Global contribution capped early actions											8,559		GWhcum