**FPS Economy, S.M.E.s, Self-employed and Energy**
Directorate-General for Energy

**Contribution of the federal government to the first Belgian**

# ENERGY EFFICIENCY ACTION PLAN (2008-2010)

**within the framework of Directive 2006/32/EC**

**July 2007**

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*Foreword*

Directive 2006/32/EC on energy end-use efficiency and energy services entered into force on 17 May 2006. The aim of the Directive is to ensure greater energy end-use efficiency. The Directive places an obligation on Member States to establish national energy efficiency action plans (EEAPs) so as to achieve energy savings of 1% per annum for nine years. This is only an indicative target, but national action plans must nonetheless be approved by the Commission and will be reviewed once every three years.

*In accordance with Directive 2006/32 on energy end-use efficiency and energy services (the Energy Services Directive), Member States have to present their first Energy Efficiency Action Plan (EEAP) to the Commission by 30 June 2007.*

*Article 14(2) of the Directive stipulates that 'EEAPs shall describe the energy efficiency improvement measures planned to reach the targets set out in Article 4(1) and (2), as well as to comply with the provisions on the exemplary role of the public sector and provision of information and advice to final customers set out in Articles 5(1) and 7(2) respectively'.*

*This document relates to measures that fall within the mandate of the federal government. It describes measures currently in force and others recently adopted by the federal government.*

*It should be noted that the document does not contain an estimate of energy savings to be achieved through these measures, as such information (which in accordance with the Directive is not mandatory) is not yet available.*

*In line with the Commission's instructions, this document has been prepared in conformity with the template suggested by EMEEES [1].*

[1] LEUTGÖB K. & THOMAS S. (2007), Template National Energy Efficiency Action Plan 2007, EMEEES, Wuppertal Institute, 11 May 2007.

# 1. Executive summary and summary table

This document relates to measures that fall within the mandate of the federal government. It describes energy efficiency measures currently in force and those which the federal government has recently adopted in principle.

It should be noted that the document does not contain an estimate of energy savings to be achieved through these measures, as such information (which in accordance with the Directive is not mandatory) is not yet available.

The measures are listed by category in the following table, according to the typology used in the EMEEES document. The table also shows the sector or sectors corresponding to each measure.

| N° | **Subcategory** | **Title of the measure** | Residential | Tertiary | Industrial | Transport |
|---|---|---|---|---|---|---|
| **1** | 1.2 Minimum equipment energy performance standardards | 1.2.1 Banning access to the Belgian market for household appliances B, C and D (dishwashers, refrigerators, freezers and dryers) | X | X | | |
| **2** | 1.2 Minimum equipment energy performance standardards | 1.2.2 Strengthening household appliance energy efficiency standards | X | | | |
| **3** | 1.2 Minimum equipment energy performance standardards | 1.2.3 Avoiding energy consumption in off-mode or stand-by mode by taking products off the market which use too much power in stand-by mode | X | X | | |
| **4** | 2.1 Focused information campaigns | 2.1.1 Raising public awareness of energy-saving investments, i.e. by distributing brochures, CD-ROMs, magazines, maintaining internet sites | X | | | X |
| **5** | 2.1 Focused information campaigns | 2.1.2 Promoting the use of bicycles | | | | X |
| **6** | 2.2 Energy labelling | 2.2.1 Broadening, strengthening and reviewing the labelling system for electric appliances (including industrial appliances and electric motors) | X | X | | |
| **7** | 2.9 Strengthening of measures to reduce speeding | 2.9.1 More speed radars and 'drive more carefully' campaign | | | | X |
| **8** | 3.2 Tax rebates and other fiscal incentives | 3.2.1 Deduction from corporation tax (*ISOC*) of costs other than the cost of petrol depending on CO2 emissions produced | | X | | X |
| **9** | 3.2 Tax rebates and other fiscal incentives | 3.2.2 Converting the current tax deduction (from *IPP*) into a deduction from the cost of buying a clean-technology car | X | | | X |
| **10** | 3.2 Tax rebates and other fiscal incentives | 3.2.3 Tax deduction measures (from *IPP*) for energy saving investments – private dwellings | X | | | |
| **11** | 3.2 Tax rebates and other fiscal incentives | 3.2.3.1 Reducing taxes yet further for private dwellings that install solar collectors | X | | | |
| **12** | 3.2 Tax rebates and other fiscal incentives | 3.2.3.2 Tax deductions for private dwellings that are 'passive houses' | X | | | |
| **13** | 3.2 Tax rebates and other fiscal incentives | 3.2.4 Providing free transport between home and work | | X | | X |
| **14** | 3.2 Tax rebates and other fiscal incentives | 3.2.5 Promoting cycling to and from work by offering tax relief | | | | X |
| **15** | 3.2 Tax rebates and other fiscal incentives | 3.2.6 Promoting rail transport of goods by imposing lower rates for using this mode of transport | | | | X |
| **16** | 3.2 Tax rebates and other fiscal incentives | 3.2.7 Tax deductions for energy-saving investments in businesses | X | X | | |
| **17** | 3.3 Loans (soft and/or subsidies) | 3.3.1 Foundation for Reducing the Total Cost of Energy in Residential Buildings | X | X | | |
| **18** | 4.2 Commercial or Institutional Organisations | 4.2.2 Promoting employee commuter plans | | X | X | X |
| **19** | 4.3 Energy efficiency public procurement | 4.3.1 Public procurement, in particular preparing standard terms of reference | | X | | |
| **20** | 4.3 Energy efficiency public procurement | 4.3.2 Purchasing fleets of cleaner-technology vehicles | | X | | X |
| **21** | 5.2 Third-party financing | 5.2.1 Creating a government agency to promote third-party investment | | X | | |
| **22** | 5.2 Third-party financing | 5.2.2 Installation of solar panels by public authorities | | X | | |
| **23** | 7.1 Energy-related taxes | 7.1.1 Harmonisation of energy excise taxes | X | X | X | X |
| **24** | 7.1 Energy-related taxes | *7.1.2 Support for fuel substitution* | | | X | |

## 2. National indicative programme

See the main part of the document.

## 3. Measures by sector

### 3.1 Introduction

Please note that the measures set out in this document only relate to initiatives that fall within the mandate of the federal government.

This document deals only with measures intended to improve energy efficiency in sectors to which the Directive refers.

The Federal Energy Efficiency Action Plan (EEAP) is made up of a number of separate measures which are set out in this chapter sector by sector. These measures are grouped together under a few main topics as specified below.

*Raising awareness of and providing information to different target groups*

The plan outlines a number of initiatives for explaining energy issues and providing objective information on different ways to improve energy efficiency, as well as on currently available means of support. These range from public events to seminars on technical issues and include maintaining an internet site, publishing brochures or placing information in the media where it can be easily noticed.

### 3.2 Format details

The rest of this chapter provides descriptions of measures for each sector in tabular format.

It should be noted that the table for each sector outlines all measures concerning that sector, including horizontal and cross-sectoral measures. The sectors affected by each measure are indicated by a cross in the corresponding columns. Some measures therefore appear in several tables. A table listing all measures is featured in the Executive Summary.

The following information is provided for each measure (in italics, as column titles):

*Categories and subcategories*

The measures have been placed categories and subcategories according to the classification system outlined in the EMEEES document. These categories specify the types of policy instruments being implemented. They are outlined in the table on the following page.

*Title of the measure*

The title or a brief description of the measure is given.

*Target groups*

The various target groups include:

- the general public;
- the public sector in the broadest sense of the term: public authorities and public corporations, but also non-market sectors, both public and private (schools, hospitals, cultural facilities, cultural, social or environmental groups etc.);
- businesses (industries and service enterprises);
- the self-employed;
- all stakeholders (for cross-cutting measures).

| Category | Subcategory |
|---|---|
| **1. Regulation** | **1.2 Minimum equipment energy performance standards** |
| **2. Information and legislative-informative measures** | **2.1 Focused information campaigns** |
| **2. Information and legislative-informative measures** | **2.2 Energy labelling schemes** |
| **2. Information and legislative-informative measures** | **2.9** |
| **3. Financial instruments** | **3.2 Tax rebates and other taxes reducing energy end-use consumption** |
| **3. Financial instruments** | **3.3 Loans (soft and/or subsidies)** |
| **4. Voluntary agreements and co-operative instruments** | **4.2 Commercial or Institutional Organisations** |
| **4. Voluntary agreements and co-operative instruments** | **4.3 Energy efficiency public procurement** |
| **5. Energy services for energy savings** | **5.2 Third-party financing** |
| **7. Horizontal and cross-sectoral measures** | **7.1 Energy-related taxes** |

*Actions to be performed by final customers*

Actions under a particular measure that need to be implemented by energy end-users are specified here. Sometimes the intended objective of the measure is set out in a more general fashion.

*Description and effectiveness of the measure*

A detailed description of the measure and, if useful, arguments in support of the energy savings to be achieved by implementing the relevant measure or technology are given under this heading.
There are three levels of effectiveness: low / moderate / high
There are three levels of certainty, expressed in qualitative terms: not demonstrated / demonstrated
There are three levels of effectiveness in quantitative terms: not quantified / quantified

Please note: 'Low' effectiveness does not necessarily mean that the instrument used has to be called into question; rather, it may need to be adapted so as to improve its cost effectiveness.

*State of play and implementation timetable*

Measures have been grouped into three categories:

- ‘planned’ corresponds to the term used in the EMEEES project (11 May 2007), i.e. ‘new measure, process of implementation not started yet’
- ‘adopted’ corresponds to the term used in the EMEEES project (11 May 2007), i.e. ‘new measure, process of implementation started’
- ‘implemented’ corresponds to the term used in the EMEEES project (11 May 2007), i.e. ‘measure implemented as described no earlier than 1995 (1991) and still effective in 2010 and 2016 respectively: “early actions”’.

Please note: ‘new measures under consideration under the EMEEES project’, for example, measures to be undertaken by the Interdepartmental Commission for Sustainable Development, have not been included in this federal plan. In this sense the federal-level plan is in keeping with the reasoning behind the regional plans.

*Body responsible for implementation*

The authority, authorities or public corporations charged with implementation of a particular measure are mentioned under this heading.

*Reference document*

An additional heading compared to those included in the EMEEES project template, giving the opportunity to refer to the official document or government decision in which the relevant measure is laid down. The following abbreviations are used:

| | |
|---|---|
| *CM Leuven*: | Council of Ministers’ meeting in Leuven (March 2007) |
| *CM Ostende 2005*: | Council of Ministers’ meeting in Ostend (2005) |

| | |
|---|---|
| Report BE under 280: | Report by Belgium for the assessment of projected progress under Decision N°280/2004/EC - 15 March 2007 |
| Belgian contribution to the GP: | Belgium contribution to the Commission's Green Paper on Energy Efficiency |
| *CIR92*: | Income Tax Code 1992 |

*Reference to articles of the Directive*

This column indicates the article of the directive on which the measure may be based. It relates to Articles 5 and 7, which impose an obligation on Member States to take certain types of measures.

*List of acronyms used in the summary tables*

*AR*: Royal Decree
*CM*: Federal Council of Ministers
*CONCERE*: State/Region Energy Matters Coordination Unit (Energy Directorate-General of the Federal Department for the Economy)
FEDESCO: Federal Energy Service Company
*ISOC* : corporation tax
*IPP*: personal tax
NGO: non-governmental organisation
EEAP: Energy Efficiency Action Plan
*SFI*: *Société fédérale de Participation et d'Investissement* (Federal Holding and Investment Company)
*SNCB*: *Société Nationale des Chemins de fer de Belgique* (Belgian National Railway Company)
FPS: Federal Public Service Department

### 3.3 Residential sector

| | Category | Subcategory | Title of the measure | Residential | Tertiary | Industrial | Transport | Target group | IEE Action | Description – effectiveness of the measure | State of play and implementation timetable | Body responsible for implementation | Reference document | Reference to articles of the Directive |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **1. Regulation** | 1.2 Minimum equipment energy performance standards | 1.2.1 Banning access to the Belgian market for household appliances B, C and D (dishwashers, refrigerators, freezers and dryers) | X | X | | | households (=x%) | Ban on placement on the market? | Low / not demonstrated / not quantified (only 15% of refrigerators are classed as B, C or D) | Planned from 1 July 2007 if Commission grants approval | FPS Economy | *CM Leuven* | |
| 2 | **1. Regulation** | 1.2 Minimum equipment energy performance standards | 1.2.2 Strengthening household appliance energy efficiency standards | X | | | | households (=x%) | Refrigerators, freezers and combined appliances; washing machines, dryers, dishwashers, lamps. | Moderate / demonstrated / not quantified | Adopted (managed by Ecodesign) | FPS Economy | Report BE under 280 | |
| 3 | **1. Regulation** | 1.2 Minimum equipment energy performance standards | 1.2.3 Avoiding energy consumption in off-mode or in stand-by mode by taking products off the market which use too much power in stand-by mode | X | X | | | households (=x%) | Ban on placement on the market | High / demonstrated / quantified | Planned (managed by Ecodesign) | FPS Economy and FPS Environment | Belgian contribution to the GP | |

| | Category | Subcategory | Title of the measure | Residential | Tertiary | Industrial | Transport | Target group | IEE Action | Description – effectiveness of the measure | State of play and implementation timetable | Body responsible for implementation | Reference document | Reference to articles of the Directive |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | **2. Information and legislative-informative measures** | 2.1 Focused information campaigns | 2.1.1 Raising public awareness of energy-saving investments, i.e. by distributing brochures, CD-ROMs, magazines, maintaining internet sites | X | | | X | households (=x%) | Federal government is primarily targetting 1) housing 2) transport | High / demonstrated / not quantified | Implemented | Federal departments (www.mineco.fgov.be/energy , www.energivores.be, www.voitureeconome.be, www.fiscus.fgov.be/ www.frce.be/) | Belgian contribution to the GP | Art. 7 |
| 6 | **2. Information and legislative-informative measures** | 2.2 Energy labelling schemes | 2.2.1 Broadening, strengthening and reviewing the labelling system for electric appliances (including industrial appliances and electric motors) | X | X | | | households (=x%) + tertiary (y%) | Restructure the entire energy labelling system from A to G | Avoid using labels which create confusion, such as A+ and A++<br><br>High / demonstrated / not quantified | Implemented | FPS Economy with the support of FPS Environment | Belgian contribution to the GP | Art. 7 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9 | **3. Financial instruments** | 3.2 Tax rebates and other taxes reducing energy end-use consumption | 3.2.2 Converting the current tax deduction (from *IPP*) into a deduction from the cost of buying a clean-technology car | X | | | X | cars (=x%) | Reduce the selling price | Reduction of 3% for vehicles emitting between 105 and 115 g CO2 and reduction of 15% for emissions of less than 105 g<br><br>High / demonstrated / not quantified | Implemented from 01/07/2007 | FPS Finance supported by FPS Economy, FPS Mobility and FPS Environment | *CM Leuven*, Programme Law of 27 April 2007 | |

| | Category | Subcategory | Title of the measure | Residential | Tertiary | Industrial | Transport | Target group | IEE Action | Description – effectiveness of the measure | State of play and implementation timetable | Body responsible for implementation | Reference document | Reference to articles of the Directive |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | **3. Financial instruments** | 2.1 Focused information campaigns | 3.2.3 Tax deduction measures (from *IPP*) for energy saving investments – private dwellings | X | | | | households (=x%) | For audit, installation of double glazing, thermostatically controlled valves or thermostats, roof insulation, replacement of boilers etc. | The system has been modified and improved every year – an *ex-post* evaluation system needs to be provided for – moderate / demonstrated / not quantified | Implemented since 1/1/2003 – 40% reduction in tax and a maximum of EUR 2600 per dwelling and per annum in 2007 | FPS Finance with the support of the FPS Economy and the Regions (energy) | *CIR92* Legislation *IPP* | |
| 11 | **3. Financial instruments** | 2.2 Energy labelling schemes | 3.2.3.1 Reducing taxes yet further for private dwellings that install solar collectors | X | | | | households (=x%) | Solar collectors | Low / not demonstrated / not quantified | Implemented as from 01/2007 | FPS Finance with the support of the FPS Economy and the Regions (energy) | *IPP* modified by the Programme Law | |
| 12 | **3. Financial instruments** | 3.2 Tax rebates and other taxes reducing energy end-use consumption | 3.2.3.2 Tax deductions for private dwellings that are 'passive houses' | X | | | | Construction + renovations + acquisition | Passive houses | The concept has been strongly pushed in Belgium since 2007 – High / demonstrated / quantified | Implemented as from 1/1/2007 – max. of EUR 600 per dwelling and per annum, but for a period of 10 years | FPS Finance with the support of *CONCERE* and the FPS Environment | *CM Leuven* and Law of 27 April 2007 | |
| 17 | **3. Financial instruments** | 3.3 Loans (soft and/or subsidies) | 3.3.1 Foundation for the Reduction of the Total | X | X | | | Socio-economically most vulnerable households | Direct subsidies and a loan rate of 2% (particularly for households with | Max. EUR 10 000 per dwelling – High/not demonstrated/not quantified | Implemented since 10 March 2006 – max. debt of EUR 100 million for five | Federal Programming Department for Sustainable Development – | Programme Law of 27/12/05 – *AR* of 01/07/06 and | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Cost of Energy in Residential Buildings | | | | | | limited annual income) | | years in 2007 | the Foundation is a limited liability company established under public law and a branch of the Federal Information Service | 02/06/06 | |

| | Category | Subcategory | Title of the measure | Residential | Tertiary | Industrial | Transport | Target group | IEE Action | Description – effectiveness of the measure | State of play and implementation timetable | Body responsible for implementation | Reference document | Reference to articles of the Directive |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 23 | **7. Horizontal and cross-sectoral measures** | 7.1 Energy-related taxes | 7.1.1 Harmonisation of energy excise taxes | X | X | X | X | All | | | Implemented | FPS Finance | Belgian contribution to the GP | |

### 3.4 Tertiary sector

| | Category | Subcategory | Title of the measure | Residential | Tertiary | Industrial | Transport | Target group | IEE Action | Description – effectiveness of the measure | State of play and implementation timetable | Body responsible for implementation | Reference document | Reference to articles of the Directive |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **1. Regulation** | 1.2 Minimum equipment energy performance standards | 1.2.1 Banning access to the Belgian market for household appliances B, C and D (dishwashers, refrigerators, freezers and dryers) | X | X | | | Households (=x%) | Ban on placement on the market? | Low / not demonstrated / not quantified (only 15% of refrigerators are classed as B, C or D) | Planned from 1 July 2007 if Commission grants approval | FPS Economy | *CM Leuven* | |
| 3 | **1. Regulation** | 1.2 Minimum equipment energy performance standards | 1.2.3 Avoiding energy consumption in off-mode or in stand-by mode by taking products off the market which use too much power in stand-by mode | X | X | | | Households (=x%) | Ban on placement on the market | High / demonstrated / quantified | Planned (managed by Ecodesign) | FPS Economy and FPS Environment | Belgian contribution to the GP | |
| | | | | | | | | | | | | | | |
| 6 | **2. Information and legislative-informative measures** | 2.2 Energy labelling schemes | 2.2.1 Broadening, strengthening and reviewing the labelling system for | X | X | | | Households (=x%) + tertiary (y%) | Restructure the entire energy labelling system from A to G | High / demonstrated / not quantified | Implemented | FPS Economy with the support of FPS Environment | Belgian contribution to the GP | Art. 7 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | electrical appliances (including industrial appliances and electric motors) | | | | | | (avoiding use of labels which create confusion, such as A+ and A++) | | | | | |
| | | | | | | | | | | | | | | |

| | Category | Subcategory | Title of the measure | Residential | Tertiary | Industrial | Transport | Target group | IEE Action | Description – effectiveness of the measure | State of play and implementation timetable | Body responsible for implementation | Reference document | Reference to articles of the Directive |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | **3. Financial instruments** | 3.2 Tax rebates and other taxes reducing energy end-use consumption | 3.2.1 Deduction from corporation tax (*ISOC*) of costs other than the cost of petrol depending on CO2 emissions produced | X | | | | Some businesses (=x%) | Legislation relating to businesses | The former rate of 75% now varies between 60% and 90% – High / not demonstrated / not quantified | Implemented as of 1/4/2007, *ISOC* amended by …. | FPS Finance with the support of the FPS Economy and the Regions (energy) | *CIR92* Legislation *IPP* | |
| 13 | **3. Financial instruments** | 3.2 Tax rebates and other taxes reducing energy end-use consumption | 3.2.4 Provide free transport between home and work | X | | | | Federal civil servants in particular | Measures applicable to workers whose employers pay 100% of their transport costs | Low / not demonstrated / not quantified | Implemented | FPS Finance with the support of FPS Economy and the Regions (energy) | *IPP* amended by the Programme Law | |
| 16 | **3. Financial instruments** | 3.2 Tax rebates and other taxes reducing energy end-use consumption | 3.2.7 Tax deductions for energy-saving investments in businesses | X | | | | Commercial, industrial and agricultural enterprises, the self-employed | The tax rebate is dependent on producing a statement issued by the relevant Regional Executive | Some investments afford the right to make a deduction of 13.5% | Implemented | FPS Finance with the support of *CONCERE* and the FPS Environment | *CM Leuven* and Law of 27 April 2007 | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17 | **3. Financial instruments** | 3.3 Loans (soft and/or subsidies) | 3.3.1 Foundation for the Reduction of the Total Cost of Energy in Residential Buildings | X | X | | | The most socioeconomically vulnerable households | Direct subsidies and loan rates of 2% (in particular for households whose gross annual revenue is < EUR 11 763 + EUR 2 178 per dependant | High / not demonstrated / not quantified | Implemented since 10 March 2006 – a debt budget of no more than EUR 100 million for 5 years in 2007 – maximum EUR 10 000 per dwelling | Federal Programming Department for Sustainable Development – the Foundation is a limited liability company established under public law and a branch of the Federal Information Service | Programme Law of 27/12/05 – *AR* of 01/07/06 and 02/06/06 | |

| | Category | Subcategory | Title of the measure | Residential | Tertiary | Industrial | Transport | Target group | IEE Action | Description – effectiveness of the measure | State of play and implementation timetable | Body responsible for implementation | Reference document | Reference to articles of the Directive |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18 | **4. Voluntary agreements and cooperative instruments** | 4.2 Commercial or Institutional Organisations | 4.2.2 Promoting employee commuter plans | | X | X | X | Businesses | Commuter plan | | Implemented | FPS Transport | Belgian contribution to the GP | |
| 19 | **4. Voluntary agreements and cooperative instruments** | 4.3 Energy efficiency public procurement | 4.3.1 Public procurement, in particular preparing standard terms of reference | | X | | | Federal public authorities | Public procurement geared towards energy efficiency | | Implemented | | Belgian contribution to the GP | Art. 5 |
| 20 | **4. Voluntary agreements and cooperative instruments** | 4.3 Energy efficiency public procurement | 4.3.2 Purchasing fleets of cleaner-technology vehicles | | X | | X | Federal public authorities and state corporations | Gradual replacement of the vehicle fleet and voluntary agreements with public utilities (post, railways, police etc.) | High/ demonstrated/ not quantified | Implemented | FPS Transport | Report BE under 280 | Art. 5 |
| | | | | | | | | | | | | | | |

| | Category | Subcategory | Title of the measure | Residential | Tertiary | Industrial | Transport | Target group | IEE Action | Description – effectiveness of the measure | State of play and implementation timetable | Body responsible for implementation | Reference document | Reference to articles of the Directive |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | **5. Energy services for energy savings** | 5.2 Third-party financing | 5.2.1 Creating a government agency to promote third-party investment | | X | | | Federal buildings (x%) | Third-party investor | High / demonstrated / not quantified | Agency created in 2005 | Federal Energy Service Company (FEDESCO) | Belgian contribution to the GP | |
| 22 | **5. Energy services for energy savings** | 5.2 Third-party financing | 5.2.2 Installation of solar panels by public authorities | | X | | | Public buildings | 1) Roofs made available + 2) FEDESCO undertakes installation + 3) public companies (*SNCB*) | 2) on the condition that return on investment is achieved in less than 14 years – Moderate / not demonstrated / not quantified | Adopted | Public Buildings Administration - FEDESCO - *SNCB* | *CM Leuven* | |
| | | | | | | | | | | | | | | |
| 23 | **7. Horizontal and cross-sectoral measures** | 7.1 Energy-related taxes | 7.1.1 Harmonisation of energy excise taxes | X | X | X | X | All | | | Implemented | FPS Finance | Report BE under 280 | |

## 3.5 Industrial sector

| | Category | Subcategory | Title of the measure | Residential | Tertiary | Industrial | Transport | Target group | IEE Action | Description – effectiveness of the measure | State of play and implementation timetable | Body responsible for implementation | Reference document | Reference to articles of the Directive |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | **3. Financial instruments** | 3.2 Tax rebates and other taxes reducing energy end-use consumption | 3.2.7 Tax deductions for energy-saving investments in businesses | | X | X | | Commercial, industrial and agricultural enterprises, the self-employed | The tax rebate is dependent on producing a statement issued by the relevant Regional Executive | Some investments are eligible for a tax deduction of 13.5% | Implemented | FPS Finance with the support of FPS Economy and the Regions (energy) | *CIR92* Legislation *ISOC* | |
| | | | | | | | | | | | | | | |
| 18 | **4. Voluntary agreements and cooperative instruments** | 4.2 Commercial or Institutional Organisations | 4.2.2 Promoting employee commuter plans | | X | X | X | Businesses | Commuter plan | | Implemented | FPS Transport | Belgian contribution to the GP | |
| | | | | | | | | | | | | | | |
| 23 | **7. Horizontal and cross-sectoral measures** | 7.1 Energy-related taxes | 7.1.1 Harmonisation of energy excise taxes | X | X | X | X | All | | | Implemented | FPS Finance | Belgian contribution to the GP | |
| 24 | **7. Horizontal and cross-sectoral measures** | 7.1 Energy-related taxes | 7.1.2 *Support for fuel substitution* | | | X | | *Businesses* | | | *Implemented* | FPS Finance | | |

### 3.6 Transport sector

| | Category | Subcategory | Title of the measure | Residential | Tertiary | Industrial | Transport | Target group | IEE Action | Description – effectiveness of the measure | State of play and implementation timetable | Body responsible for implementation | Reference document | Reference to articles of the Directive |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | **2. Information and legislative-informative measures** | 2.1 Focused information campaigns | 2.1.1 Raising public awareness of energy-saving investments, i.e. distributing brochures, CD-ROMs, magazines, maintaining internet sites | X | | | X | Households (=x%) | Federal government is primarily targetting 1) housing 2) transport | High / demonstrated / not quantified | Implemented | Federal departments (in particular www.mineco.fgov.be/energy , www.energivores.be, www.voitureeconome.be, www.fiscus.fgov.be/ www.frce.be/) | *CIR92* Legislation *ISOC* | Art. 7 |
| 5 | **2. Information and legislative-informative measures** | 2.1 Focused information campaigns | 2.1.2 Promoting the use of bicycles | | | | X | Households (=x%) | Car-free days, support for the use of bicycles through provision of financial support to NGOs etc. | High / not demonstrated / not quantified | Implemented | *FPS* Transport with the support of *FPS* Economy and *FPS* Environment | Report under 280 | Art. 7 |
| 7 | **2. Information and legislative-informative measures** | 2.9 Strengthening of measures to reduce speeding | 2.9.1 More speed radars and 'drive more carefully' campaign | | | | X | Cars (=x%) | More automatic speed detectors on the roads. 'Drive more carefully' | High / demonstrated / quantified | Adopted | FPS Transport | Belgian contribution to the GP | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | information campaign | | | | | |

| | Category | Subcategory | Title of the measure | Residential | Tertiary | Industrial | Transport | Target group | IEE Action | Description – effectiveness of the measure | State of play and implementation timetable | Body responsible for implementation | Reference document | Reference to articles of the Directive |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | **3. Financial instruments** | 3.2 Tax rebates and other taxes reducing energy end-use consumption | 3.2.1 Deduction from corporation tax (*ISOC*) of costs other than the cost of petrol depending on CO2 emissions produced | | X | | X | Certain businesses (=x%) | Legislation relating to businesses | The former rate of 75% now varies between 60% and 90% – High / not demonstrated / not quantified | Implemented as of 1/4/2007, *ISOC* amended by …. | FPS Finance | *CM Leuven*, Programme Law of 27 April 2007 | |
| 9 | **3. Financial instruments** | 3.2 Tax rebates and other taxes reducing energy end-use consumption | 3.2.2 Converting the current tax reduction (from *IPP*) into a deduction from the cost of buying a clean-technology car | X | | | X | Cars (=x%) | Lowering of the acquisition cost | Reduction of 3% for vehicles emitting between 105 and 115 g CO2 and reduction of 15% for emissions of less than 105 g – High / demonstrated / not quantified | Implemented from 1/7/2007 | FPS Finance with the support of FPS Economy, FPS Mobility and FPS Environment | *CM Leuven*, Programme Law of 27 April 2007 | |
| 13 | **3. Financial instruments** | 3.2 Tax rebates and other taxes reducing energy end-use consumption | 3.2.4 Provide free transport between home and work | | X | | X | Federal civil servants in particular | Measures applicable to workers whose employers pay 100% of their transport costs | Low / not demonstrated / not quantified | Implemented | FPS Finance with the support of FPS Transport | Belgian contribution to the GP | |
| 14 | **3. Financial instruments** | 3.2 Tax rebates and | 3.2.5 Promoting cycling to and | | | | X | Households (=x%) | | Low / not demonstrated / | Implemented | FPS Finance with the support | Belgian contribution | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | other taxes reducing energy end-use consumption | from work by offering tax relief | | | | | | | not quantified | | of FPS Transport | to the GP | |
| 15 | **3. Financial instruments** | 3.2 Tax rebates and other taxes reducing energy end-use consumption | 3.2.6 Promote rail transport of goods by imposing lower rates for using this mode of transport | | | | X | Rail transport | | Promote rail transport of goods by imposing lower rates for using this mode of transport | ? | FPS Finance with the support of FPS Transport | Belgian contribution to the GP | |
| | | | | | | | | | | | | | | |

| | Category | Subcategory | Title of the measure | Residential | Tertiary | Industrial | Transport | Target group | IEE Action | Description – effectiveness of the measure | State of play and implementation timetable | Body responsible for implementation | Reference document | Reference to articles of the Directive |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18 | **4. Voluntary agreements and cooperative instruments** | 4.2 Commercial or Institutional Organisations | 4.2.2 Promoting employee commuter plans | | X | X | X | Businesses | Employee commuter plan | | Implemented | FPS Transport | Belgian contribution to the GP | |
| 20 | **4. Voluntary agreements and cooperative instruments** | 4.3 Energy efficiency public procurement | 4.3.2 Purchasing fleets of cleaner-technology vehicles | | X | | X | Federal public authorities and public corporations | Gradual replacement of the vehicle fleet and voluntary agreements with public utilities (post, railways, police etc.) | High / demonstrated / not quantified | Implemented | FPS Transport | Report BE under 280 | Art. 5 |
| | | | | | | | | | | | | | | |
| 23 | **7. Horizontal and cross-sectoral measures** | 7.1 Energy-related taxes | 7.1.1 Harmonisation of energy excise taxes | X | X | X | X | All | | | Implemented | FPS Finance | Belgian contribution to the GP | |

### 3.7 Agricultural sector

No federal measure is aimed specifically at the agricultural sector. Nevertheless this sector is able to draw on all the support and measures provided for companies and/or the self-employed.

## 4. Horizontal and cross-sectoral measures

Measures which are relevant to more than one sector have more than one cross marked against their name in the Executive Summary.

These measures are described in Chapter 3, in the tables concerning each of the relevant sectors.

## 5. Measures relating to obligations laid down in the Directive

According to the Directive, measures intended to ensure respect of provisions on the exemplary role of the public sector (Article 5) and the provision of information and advice to final consumers (Article 7) must be described in the EEAP.

### 5.1 Article 5: The public sector

Measures intended to ensure that public authorities fulfil an exemplary role in terms of energy efficiency are described in the sectoral tables in Chapter 3. These measures are indicated by the note 'Art. 5' in the last column of the tables.

### 5.2 Article 7: Availability of Information

Measures for informating market actors about energy efficiency and mechanisms for promoting it are described in the sectoral tables in Chapter 3. They are indicated by the note 'Art. 7' in the last column of these tables.