

**ENERGY EFFICIENCY ROADMAP 2011**  
**FOR THE TRANSPOSITION OF THE ENERGY EFFICIENCY DIRECTIVES**  
**UPDATED TEMPLATE<sup>1</sup>**

**„Republic of Kosovo“**

**10.03.2011**

## **1 INTRODUCTION**

This updated Roadmap reflects the changes with the two Directives:

1. Directive 2002/91/EC on the energy performance of buildings, and
2. Directive 92/75/EEC on labelling of household appliances,

that were recast in May 2010 by the EU and adopted by the Ministerial Council of the Energy Community in September 2010. Nevertheless, Roadmap still includes the Chapter 1 referring to the Energy Services Directive that has not been recast; this is because the Secretariat would like to have a complete Road Map, which should be regularly updated with achievements and deal with all Energy Efficiency *Acquis*.

## **2 ROADMAP STRUCTURE**

The proposed structure, as described below is also presented for easier reference in the diagram (see page 3).

### **Chapter 1 - Directive 2006/32/EC on energy end use efficiency and energy services**

This chapter aims to ensure that the provisions of the Directive 2006/32/EC are transposed. The information required in this chapter is a reference to the national legislation indicating both the legal disposition and the relevant articles, in case that the Directive's provisions were adopted accordingly, as well as planned actions for the full implementation of Directive.

The overall deadline for the transposition of the Directive is 31 December 2011, except for the Energy Efficiency Action Plans, which are: a first EEAP not later than 30 June 2010; a second EEAP not later than 30 June 2013; a third EEAP not later than 30 June 2016.

### **Chapter 2 - Directive 2010/31/EU on the energy performance of buildings**

This chapter aims to ensure that the provisions of the Directive 2010/31/EU are transposed. The information required in this chapter is a reference to the national legislation indicating both the legal disposition and the relevant articles, in case that the Directive's provisions were adopted accordingly, as well as planned actions for the full implementation of Directive.

The overall deadline for the transposition of the Directive is 30 September 2012.

### **Chapter 3 - Directive 2010/30/EU on labeling of energy-related products**

This chapter aims to ensure that the provisions of the Directive 2010/30/EU are transposed. This includes also the implementing Directives associated with the umbrella Directive. The information

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<sup>1</sup> In accordance with the Decision No 2010/02/MC-EnC of 24 September 2010 of the Ministerial Council of the Energy Community amending Decision 2009/05/MC-EnC of 18 December 2009 on the implementation of certain Directives on Energy Efficiency.

required in this chapter is a reference to the national legislation indicating both the legal disposition and the relevant articles, in case that the Directive's provisions were adopted accordingly, as well as planned actions for the full implementation of Directive.

The overall deadline for the transposition of the Directive is 31 December 2011.

### 3 EXPLANATORY GUIDELINES

Each Contracting Party is requested to fill in the information under **Implementation monitoring information** as detailed and clearly as possible:

- Status of actions: refers to the current status as well as planned actions toward full implementation of specific provisions of directives.

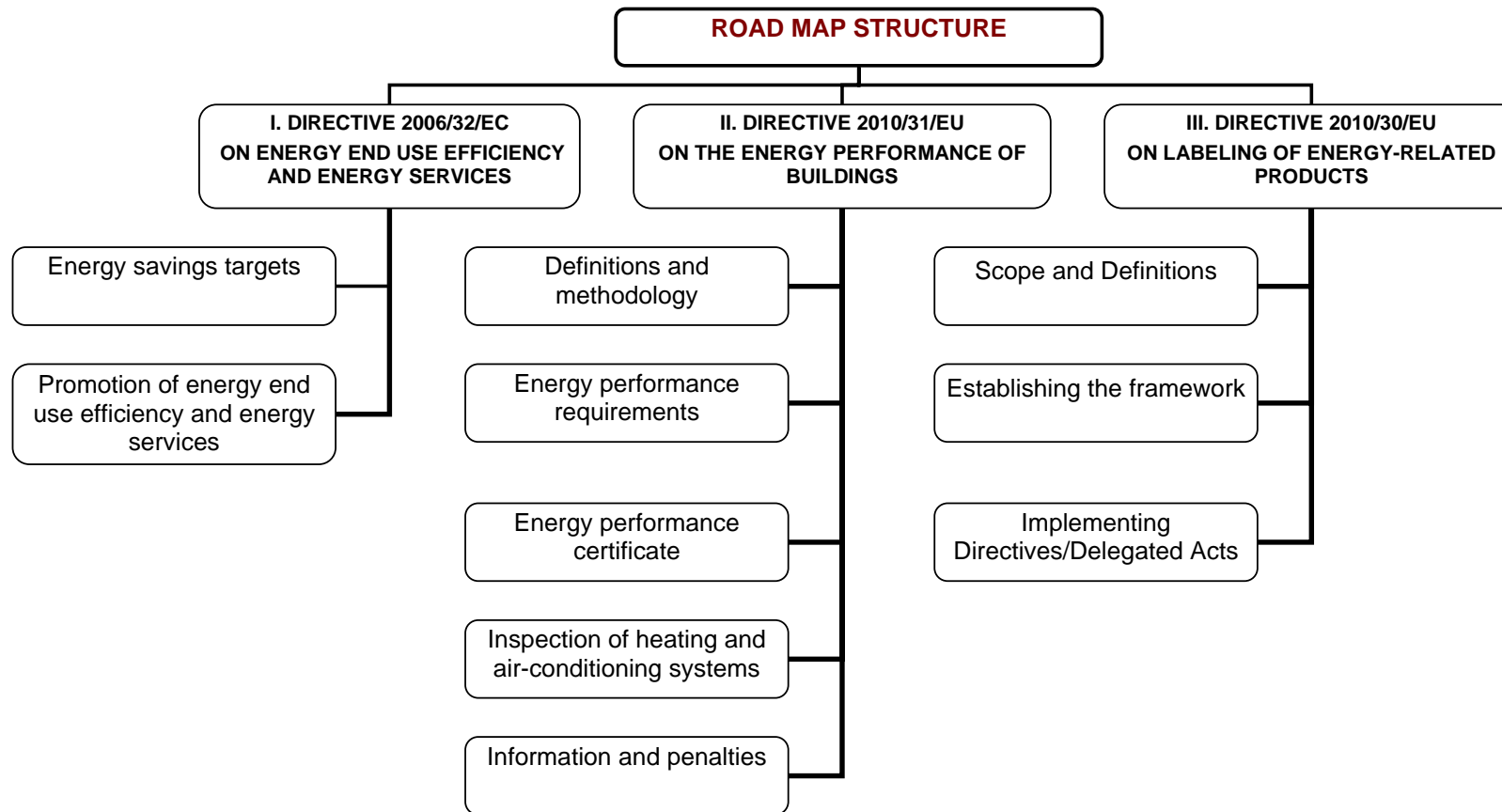
Firstly, the legal acts that are transposing fully (or partly) the Directive's provisions in question should be mentioned (with full title of the document, status of adoption and reference to the Official Gazette where it was published or the web site where it can be downloaded). After that, planned actions at national level for full implementation of specific requirements should be clearly explained. Deadlines per each action should be specified, but not exceeding overall deadline defined by the Directive.

In case that several actions are needed for the transposition, it is highly recommended that an intermediate milestone with deadline is introduced: for example, under *Art 5 of the Energy Service Directive: End use energy efficiency in the public sector*, several Actions are required:

- 1) The Contracting Party's public sector shall take measures to improve energy efficiency at national, regional and/or local level; these may consist of legislative initiatives and/or voluntary agreements (please see also Art. 6(2)(b), or other schemes with equivalent effect;
- 2) The public sector will need to apply at least two requirements related to the 6 energy efficiency public procurement measures listed in Annex VI;
- 3) The public sector will need to ensure the availability and publication of public procurement guidelines that take into account energy efficiency;
- 4) The Contracting Party shall assign to a new or existing organisation or organisations the administrative, management and implementing responsibility for the integration of energy efficiency improvement requirements as set out in paragraph 1. This may be the same body as referred to in Art. 4(4) or another body.

Each of these actions, or a group of them (e.g. actions 2 and 3), may be considered as a milestone and have an intermediate deadline, for example 30 June 2011. This will allow the Secretariat to monitor the progress with the implementation of the Directives, as well for the Contracting Parties to have a phased approach to transposition of the Directives.

- It is also very important to indicate the Institution(s) in charge with the implementation, including also more than just one institution, when the case, that implementation of specific articles of the Directive requires cross sector cooperation.



**CHAPTER 1 - DIRECTIVE 2006/32/EC ON ENERGY END USE EFFICIENCY AND ENERGY SERVICES**

**I. Energy Savings Targets**

- **Article 4: General Target:** The Contracting Parties shall adopt **national indicative energy savings target** of 9 % for the ninth year of application of this Directive, to be reached by way of energy services and other energy efficiency improvement measures.

**Actions required:**

1. Preparation of Energy Efficiency Plans (EEAP) in the following timeframe: the savings shall be measured from January 1, 2010; an intermediate indicative energy savings target shall be established for the 3<sup>rd</sup> year of application of this Directive;
2. Assignment to one or more new or existing authorities or agencies the overall control and responsibility for overseeing the framework set up in relation to EEAPs; the body(ies) assigned could be private or public and are responsible for meeting the reporting requirements and deadlines as set in Art. 14 and make sure that the reported savings are verified in an appropriate manner (see ESD, Annex IV, point 6).

**Implementation monitoring information** (to be filled in by the Contracting Party):

- Status of Action: Preparation of Energy Efficiency Plans (EEAP) and Energy Efficiency Agency as Implementation body
- Responsible institution(s): Ministry of Economic Development, Ministry of Environment and Spatial Planning
- Intermediate milestones (planned actions and date): First EEAP, Second EEAP, Third EEAP, Creation of the Energy Efficiency Agency – responsible for NEEAP implementation
- Overall deadline for implementation: 31 December 2011. However, a first EEAP shall be submitted by 30 June 2010; a second EEAP by 30 June 2013; a third EEAP by 30 June 2016.

	<u>Action</u>	<u>Deadline</u>	<u>Status</u>
<u>1.</u>	<u>First EEAP</u>	<u>30 June 2010</u>	<u>EEAP was finalized and sent to the EnC Secretariat.</u>
<u>3.</u>	<u>Second EEAP</u>	<u>20 June 2013</u>	<u>To be developed in 2012- 2013</u>
<u>4.</u>	<u>Third EEAP</u>	<u>30 June 2016</u>	<u>To be developed in 2015 – mid 2016</u>
<u>5.</u>	<u>Creation of the Energy Efficiency Agency – responsible for NEEAP implementation</u>	<u>31 December 2011</u>	<u>The agency will be established six months after the EE Law is adopted. EE Law has passed the first reading in Kosovo's Assembly. Till the establishment of EE Agency, monitoring and reporting will be done by the</u>

		<u>division of EE and RES within the Ministry of Economic Development</u>
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- **Article 5: End use energy efficiency in the public sector:** The public sector fulfills an exemplary role in the context of this directive.

**Actions required:**

1. The Contracting Party's public sector shall take measures to improve energy efficiency at national, regional and/or local level; these may consist of legislative initiatives and/or voluntary agreements (please see also Art. 6(2)(b), or other schemes with equivalent effect;
2. The public sector will need to apply *at least two* requirements related to the 6 energy efficiency public procurement measures listed in Annex VI; (please tick the ones applied by your public sector);
3. The public sector will need to ensure the availability and publication of public procurement guidelines that take into account energy efficiency;
4. The Contracting Party shall assign to a new or existing organisation or organisations the administrative, management and implementing responsibility for the integration of energy efficiency improvement requirements as set out in paragraph 1. This may be the same body as referred to in Art. 4 or another body.

**List of eligible energy efficient public procurement measures**

Without prejudice to national and Community public procurement legislation, Contracting Parties shall ensure that the public sector applies at least two requirements from the following list in the context of the exemplary role of the public sector as referred to in Article 5:

- (a) Requirements concerning the use of financial instruments for energy savings, including energy performance contracting, that stipulates the delivery of measurable and pre-determined energy savings (including whenever public administrations have outsourced responsibilities);
- (b) Requirements to purchase equipment and vehicles based on lists of energy-efficient product specifications of different categories of equipment and vehicles to be drawn up by the authorities or agencies referred to in Article 4(4), using, where applicable, minimised life-cycle cost analysis or comparable methods to ensure cost effectiveness;
- (c) Requirements to purchase equipment that has efficient energy consumption in all modes, including in standby mode, using, where applicable, minimised life-cycle cost analysis or comparable methods to ensure cost effectiveness;
- (d) Requirements to replace or retrofit existing equipment and vehicles with the equipment listed in points (b) and (c);
- (e) Requirements to use energy audits and implement the resulting cost-effective recommendations;
- (f) Requirements to purchase or rent energy-efficient buildings or parts thereof, or requirements to replace or retrofit purchased or rented buildings or parts thereof in order to render them more energy-efficient.

**Implementation monitoring information** (to be filled in by the Contracting Party):

- Status of Action:
- Responsible institution(s): Ministry of Economic Development, Ministry of Finance and municipalities

- Intermediate milestones (planned actions and date):
- Modify the Law on Procurement to require energy efficient purchases by end of June 2011
- Development and publication of guidelines on how to apply energy efficiency criteria in public procurement by end of December 2011
- Service Contracts signed to initiate EE projects in most municipalities: 31 December 2011
- Overall deadline for implementation: 31 December 2011.

	Action	Deadline	Status
1.	<u>Adoption of the Energy Efficiency Law requiring auditing of all public buildings and municipal energy plans</u>	<u>December 2010</u>	<u>The draft law for Energy efficiency was sent in Government.</u> <u>Has past first reading in the parliament of Kosovo.</u>
2.	<u>Energy audit "train the trainers" programme</u>	<u>December 2010</u>	<u>The programme funded by the ECLO with aim to develop the trainers of energy audits, to develop energy auditor's body is finished.</u> <u>Create a certification board for energy auditors- ongoing</u>
3.	<u>Development of model of the municipal energy plans for all municipalities</u>	<u>30 September 2010</u>	<u>A programme funded by the ECLO provides a training programme for municipal energy planning including the development of several MEPs in selected municipalities</u>
4.	<u>Modify the Law on Procurement to require energy efficient purchases</u>	<u>30 June 2011</u>	<u>Procurement public law is in the process of review. The rules should also be reviewed.</u>
5.	<u>Development and publication of guidelines on how to apply energy efficiency criteria in public procurement</u>	<u>31 December 2011</u>	<u>Procurement public law is in the process of review. The rules should also be reviewed. The roadmap will be developed in the way that it will cover the criteria of EE law and law on public procurement</u>
6.	<u>Service Contracts signed to initiate EE projects in most municipalities</u>	<u>31 December 2011</u>	<u>On going</u>

**II. Promotion of energy end - use efficiency and energy services**

▪ **Article 6: Energy distributors, distribution system operators and retail energy sales companies**

**Actions required:**

1. The Contracting Party shall ensure that Energy distributors, distribution system operators and retail energy sales companies provide on request, but no more than once a year, aggregated statistical information on their final customers to the authorities or agencies referred to in Art. 4(4), or to another designated body, provided that the latter in turn transmits to the former the information received. This measure may be implemented in cooperation with the Energy Regulatory Authority who may collect this information regularly for their reporting requirements;
2. The Contracting Party shall choose one or more of the following requirements to be complied with by energy distributors, distribution system operators and retail energy sales companies, directly or indirectly through other providers of energy services or energy efficiency improvement measures. The choice is between two regimes or a combination of these; the first is the list of options mentioned under 2(a) and the second is the voluntary agreements and/or other market –oriented schemes mentioned under 2(b);
3. The Contracting Party shall ensure that there are sufficient incentives, equal competition and level playing fields for market actors other than energy distributors, distribution system operators and retail energy sales companies, such as ESCOs, installers, energy advisors and energy consultants, to independently offer and implement the energy services, energy audits and energy efficiency improvement measures.

**Implementation monitoring information** (to be filled in by the Contracting Party):

Status of Action: The Energy Law (and Draft Law on Statistics) will be revised to specify the requirements of the energy distributors, distribution system operators and retail energy sales companies to collect and report on aggregated statistical information to the Ministry of Economic development and the Statistical Agency.

- Responsible institution(s): Ministry of Economic Development and Statistical agency

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Intermediate milestones (planned actions and date):

- Implementation of unique system for data report for EE from the distribution and energy small sellers by end of December 2011
- Administrative Instruction on energy auditing; end of December 2011
- Trainings on EA and certification to develop energy service market by end of June 2011

- Overall deadline for implementation: 31 December 2011.

	<u>Action</u>	<u>Deadline</u>	<u>Status</u>
1.	<u>Implementation of unique system for data report for EE from the distribution and energy small sellers</u>	<u>31 December 2011</u>	<u>Planning and preparation phase –on going</u>

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2.	<u>Administrative Instruction on energy auditing</u>	<u>31 December 2011</u>	<u>Administrative Instruction will impose obligation to the energy distributors, DSOs and retailers to ensure the availability and promote energy audits to final consumers, including availability of model contracts</u>
3.	<u>Trainings on EA and certification to develop energy service market</u>	<u>June 2011</u>	

▪ **Article 7: Availability of information**

**Actions required:**

The Contracting Party shall ensure that information on energy efficiency mechanisms and financial and legal frameworks adopted with the aim of reaching the national indicative energy savings target is transparent and widely disseminated to the relevant market actors.

**Implementation monitoring information** (to be filled in by the Contracting Party):

- Status of Action:
- Responsible institution(s): Ministry of Economic Development
- Intermediate milestones (planned actions and date): Creation of the Energy Efficiency Agency – Agency develops detailed information on their website , December 2011
- Overall deadline for implementation: 31 December 2011.

	<u>Action</u>	<u>Deadline</u>	<u>Status</u>
1.	<u>Website of the MEM</u>	<u>30 June 2010</u>	<u>Initial data are published in the website on energy efficiency.</u> <u>Updating process – on going</u>
2.	<u>Creation of the Energy Efficiency Agency – Agency develops detailed information on their website</u>	<u>31 December 2011</u>	<u>Is expected to be established during 2011</u>
3.	<u>Public Awareness Campaign including brochures targeted to market players.</u>	<u>31 December 2011</u>	<u>On going</u>

▪ **Article 8: Availability of qualification, accreditation and certification schemes**

**Actions required:**

The purpose of this article is to ensure the proper functioning of the market for energy services and energy efficiency improvement services. Measures that derive from the provision may include:

- a. Establishment of an accreditation body and/or qualification scheme for energy auditors etc.;
- b. Regulations specifying the qualifications and responsibilities of energy auditors, installers, etc. and their accreditation procedures;
- c. Specifications for energy audits, energy measurements, installation of equipment, etc.

**Implementation monitoring information** (to be filled in by the Contracting Party):

- Status of Action: The Energy efficiency draft Law includes the establishment of an accreditation body and the development of regulations.
- The energy law 03/L-184, article 9
- Administrative Instruction 9/2008 on Energy Auditing
- Responsible institution(s): Ministry of Economic Development
- Intermediate milestones (planned actions and date):
- Development of regulation for EA (including authorization for performing energy audits); end of December 2011
- Creation of an energy auditor Certification Board; 31 December 2011
- Certification scheme ; 31 December 2011
- Overall deadline for implementation: 31 December 2011.

	<u>Action</u>	<u>Deadline</u>	<u>Status</u>
1.	<u>Train the trainer program for energy auditors</u>	<u>30 June 2010</u>	<u>Completed</u>
2.	<u>Development of regulation for EA (including authorization for performing energy audits)</u>	<u>31 December 2011</u>	<u>It is included in the Energy Efficiency Draft Law</u>
3.	<u>Creation of an energy auditor Certification Board</u>	<u>31 December 2011</u>	<u>Based on the energy law 03/L-184, article 9</u>
4.	<u>Certification scheme</u>	<u>31 December 2011</u>	<u>After the approval of the Energy Efficiency Law</u>

▪ **Article 9: Financial instruments for energy savings**

**Actions required:**

- The Contracting Party shall repeal or amend national legislation and regulations, other than those of clearly fiscal nature, that unnecessarily or disproportionately impede or restrict the use of financial instruments for energy savings in the market for energy services or other energy efficiency improvement measures. This provision calls for measures to first identify and then remove barriers for use of financial instruments for energy efficiency in the private and public sectors. The financial instruments for energy savings (definition m, Article 3 of ESD) include funds, subsidies, tax rebates, loans, third –party financing, energy performance contracting, etc.

**Implementation monitoring information** (to be filled in by the Contracting Party):

- Status of Action:
- Responsible institution(s): Ministry of Economic Development, Ministry of Finance
- Intermediate milestones (planned actions and date):
- Overall deadline for implementation: 31 December 2011.

	Action	Deadline	Status
1.	<u>Study on national legislation that may impede or restrict the use of financial instruments</u>		
2.	<u>Develop proposed modifications, if necessary, based on the study of national legislation</u>	-	
3.	<u>Submit the draft legislation to the EnC Secretariat for comments</u>	-	
4.	<u>Update the legislation based on EnC Secretariat's comments and submit for adoption.</u>		
5.	<u>Adopt new legislation</u>	<u>31 December 2011</u>	<u>Draft law for energy efficiency</u>

- The Contracting Party shall make available model contracts for those financial instruments for the public and private sectors; these may be issued by the authority/agency referred to in Art. 4(4); these contracts may include, but not exclusively, energy performance contract and third – party financing contract.

**Implementation monitoring information** (to be filled in by the Contracting Party):

- Status of Action:

- Responsible institution(s): Ministry of Economic Development, Ministry of Finance ; Energy Regulatory Office
- Intermediate milestones (planned actions and date):
- Overall deadline for implementation: 31 December 2011.

	Action	Deadline	Status
1.	<u>Draft model contracts for financial instruments using templates from EU countries and local legislation</u>	<u>31 December 2011</u>	<u>Draft law for energy efficiency when is approved is going to be as baseament for development for model financing contracts</u>
2.	<u>Provide the model contracts to the EnC Secretariat for review</u>		
3.	<u>Update the model contracts based on the comments of the EnC Secretariat and post on the MEM's website</u>		

▪ **Article 10: Energy efficient tariffs and other regulations for net-bound energy**

The Contracting Party shall ensure the removal of incentives in transmission and distribution tariffs that unnecessarily increase the volume of distributed or transmitted energy. An example of such an incentive could be inappropriately large shares of fixed charges and very small shares for variable charges; this should be address through the tariff reform.

**Implementation monitoring information** (to be filled in by the Contracting Party):

Status of Action: Law on Energy Regulator, Law on Electricity, Law on Energy

- Responsible institution(s): Ministry of Economic Development and Energy Regulatory Office
- Intermediate milestones (planned actions and date):
- Overall deadline for implementation: 31 December 2011.

	Action	Deadline	Status
1.	<u>Study on network tariff methodologies with recommendations for modifications, if necessary.</u>	-	<u>It is needed to be discussed with the ETC secretariat</u>

2.	<u>Modifications made to the tariff methodologies based on the recommendations from the study.</u>	<u>31 December 2011</u>	<u>Based on the progress done in the first Action on this table</u>
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▪ **Article 11: Funds and funding mechanisms**

**Actions required:**

1. The Contracting Party may establish a fund or funds to subsidise the delivery of energy efficiency programmes and other energy efficiency improvement measures and to promote the development of a market for energy efficiency measures. For this, legal and regulatory frame must be developed and funding sources for the fund secured; the fund establishment should not create a conflict with the state – aid rules designed to prevent distortion of competition;
2. If established the funds may provide for grants, loans, financial guarantees and/or other types of financing that guarantee results;
3. The funds shall be open to all providers of energy efficiency improvement measures, such as ESCOs, independent energy advisors, energy distributors, etc.

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action: Article 11 of the draft EE law (“Energy Efficiency Measures Funding”) prescribes that financing of the energy efficiency measures shall be from the state budget, municipal budgets, donations, participation in international and bilateral programmes (including co-financing).
- Responsible institution(s): Ministry of Economical Development; Ministry of Finance and Municipalities
- Intermediate milestones (planned actions and date):
- Overall deadline for implementation: 31 December 2011.

	<u>Action</u>	<u>Deadline</u>	<u>Statute</u>
1.	<u>Permanent budget planning for NEEAP implementation</u>	<u>31 December 2011</u>	<u>On - going</u> <u>Some of financial instruments for EE measurements are foreseen also in the draft law for energy efficiency</u>

▪ **Article 12: Energy audits**

**Actions required:**

1. The Contracting Party shall make ensure the availability of efficient high – quality energy audit schemes, which are designed to identify potential energy improvement measures and which are carried out in an independent manner, to all final consumers, including smaller domestic, commercial and small and medium-sized industrial consumers (please see also Art.8); the energy

audit schemes should not unnecessarily complicated or expensive, and should provide with audits carried out in an impartial way;

2. The Contracting Party shall ensure the availability of energy audits for market segments where they are not sold commercially, taking into account Art.11 (1); these sectors may include “small domestic, commercial and small and medium - sized industrial consumers” for which the possibility of using funds and funding mechanisms to subsidise these and make them available is highlighted.

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:
- [Administrative Instruction 9/2008 on Energy Auditing.](#)
- [Law for energy, article 9](#)
- [EE draft law prescribe that Government shall further approve necessary secondary legislation on energy auditing, in line with EU directives](#)
- Responsible institution(s): [Ministry of Economic Development and Municipalities](#)
- Intermediate milestones (planned actions and date):
- Overall deadline for implementation: 31 December 2011.

	<u>Action</u>	<u>Deadline</u>	<u>Status</u>
	<a href="#">Development of the necessary secondary legislation on energy auditing</a>	<a href="#">December 2011</a>	<a href="#">Draft EE law prescribe this obligation</a>
1.	<a href="#">Train the trainer energy auditors</a>	<a href="#">December 2010</a>	<a href="#">Completed</a>
2.	<a href="#">Establish a sustainable training program for energy auditors</a>		<a href="#">On going</a>
3.	<a href="#">Develop standard checklist by type of entity for standardizing energy audits</a>		<a href="#">After the approval of the Energy Efficiency law</a>
4.	<a href="#">Support the State and municipal entities in tendering for energy audits of public buildings</a>	<a href="#">31 December 2011</a>	<a href="#">Based on the Energy Efficiency law</a>

▪ **Article 13: Metering and informative billing of energy consumption**

**Actions required:**

1. The Contracting Party shall ensure that, in so far as it is technically possible, financially reasonable and proportionate in relation to the potential energy savings, final customers for electricity, natural

gas, district heating and/or cooling and domestic hot water are provided with competitively priced individual meters that actually reflect the final customers' actual energy consumption and that provide information on the actual time of use. When a new connection is made in a new building or a building undergoes major renovations, as set out in Directive 2010/30/EU, such competitively priced meters shall always be provided;

**Implementation monitoring information (to be filled in by the Contracting Party):**

Status of Action: Law on Regulator for energy, Law on Energy, Law on Electricity

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- Responsible institution(s): Energy Regulatory Office, KEK Distribution and District heating companies
- Intermediate milestones (planned actions and date):
- Overall deadline for implementation: 31 December 2011.

	Action	Deadline	Status
1.	<u>Metering study/long-term plan for each entity determining a programme for completing the metering of all customers.</u>	<u>31 December 2012</u>	<u>It is in the planning phase and is going to be applied for the financial support from international funds.</u>
1.a	<u>Installation of metering equipment for heating system</u>		<u>Based on the recommendation from the study</u>
2.	<u>Procedures, rules, license conditions, investment plans and so forth developed in line with the long-term metering plan</u>	<u>31 December 2011</u>	

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- 2. The Contracting Party shall ensure that where appropriate, billing performed by energy distributors, distribution system operators and retail energy sales companies is based on actual energy consumption and is presented in a clear and understandable terms;
- 3. The Contracting Party shall ensure that, where appropriate, the following information is made available to final customers, in or with the bills:
  - a. Current actual prices and consumption of energy;
  - b. Comparison of the final customers energy consumption with consumption from the same period in the previous year, preferably in graphic form;
  - c. Whenever possible and useful, comparison with an average normalised or benchmarked user of energy of the same user category;

- d. Contact information for consumers' organisations, energy agencies or similar bodies from which information may be obtained on available energy efficiency improvement measures, comparative end user profiles and/or objective end using equipment.

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action: [The law for energy, article 31](#)
- Responsible institution(s): [Energy Regulatory Office, DSOs and/or suppliers of electricity, heat or natural gas, KEK Distribution and Central heating supply companies](#)
- Intermediate milestones (planned actions and date):
- Overall deadline for implementation: 31 December 2011.

	Action	Deadline	Status
1.	<a href="#">Study for each entity on its current billing information practices and proposed modifications to those practices so that customers are provided at least the minimum required information.</a>		<a href="#">It is the planning phase and is going to be applied for financial support from international funds.</a>
2.	<a href="#">Development of billing information systems based on actual energy consumption, to the extent possible</a>		
3.	<a href="#">Billing information systems active by suppliers of electricity and central heating.</a>	<a href="#">31 December 2011</a>	

▪ **Article 14: Reports**

**Actions required:**

1. The Contracting Party that already use, for whatever purpose, calculation methods for measuring energy savings similar to the types described in Annex IV at the time of the entry into force of this Directive, may submit information at the appropriate level of detail to the Energy Community Secretariat. Such submissions shall take place as soon as possible, preferably no later than 30 June 2010;
2. The Contracting Party shall submit to the Energy Community Secretariat the following EEAPs:
  - a. A first EEAP not later than 30 June 2010;
  - b. A second EEAP not later than 30 June 2013;
  - c. A third EEAP not later than 30 June 2016.
3. The EEAP shall be assessed by the Energy Community Secretariat as follows:

- d. The first EEAP before 1 January 2011;
- e. The second EEAP before 1 January 2014;
- f. The third EEAP before 1 January 2017.

*Note: deadline for submission of the first EEAP was 30 June 2010. In this case Contracting Parties should report on status of the action, as well as plans for EEAP adoption.*

**Implementation monitoring information** (to be filled in by the Contracting Party):

- Status of Action:
- Responsible institution(s): Ministry of Economical Development
- Intermediate milestones (planned actions and date):

Overall deadline for implementation: a first EEAP shall be submitted by 30 June 2010; a second EEAP by 30 June 2013; a third EEAP by 30 June 2016.

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	Action	Deadline	Status
1.	<u>Submission to the Energy Community of the first EEAP</u>	<u>30 June 2010</u>	<u>Completed</u>
3.	<u>Second EEAP</u>	<u>30 June 2013</u>	
4.	<u>Third EEAP</u>	<u>30 June 2016</u>	

## CHAPTER 2 – DIRECTIVE 2010/31/EU ON THE ENERGY PERFORMANCE OF BUILDINGS

This Directive aims to promote the energy performance of buildings within the Energy Community, taking into account outdoor climatic and local conditions, as well as indoor climate requirements and cost-effectiveness.

Under this Directive, the Contracting Parties should apply minimum requirements as regards the energy performance of new and existing buildings, ensure the certification of their energy performance and require the regular inspection of boilers and air conditioning systems in buildings. Recast of the Directive was adopted in 2010 in order to strengthen the energy performance requirements and to clarify and streamline some provisions.

With regard to transposition deadlines, in accordance with Ministerial Council Decision No 2010/02/MC-EnC of 24 September 2010<sup>2</sup>, Contracting Parties shall adopt and publish, by 30 September 2012 at the latest, the laws, regulations and administrative provisions necessary to comply with Articles 2 to 18, and with Articles 20 and 27. They shall apply those provisions as far as Articles 2, 3, 9, 11, 12, 13, 17, 18, 20 and 27 are concerned, from 31 March at the latest. They shall apply those provisions as far as Articles 4, 5, 6, 7, 8, 14, 15 and 16 are concerned, to buildings occupied by the public authorities from 9 January 2013 at the latest and to other buildings from 30 September 2013 at the latest. They may defer the application of Article 12(1) and (2) to single building units that are rented out, until 31 March 2016.

### I. *Definitions and methodology*

#### ■ **Article 2: Definitions**

##### ***Actions required:***

Introduction of definitions in the national legislation and/or regulations as given in the Article 2 for proper implementation of Directive. (i.e. building, energy performance of a building, major renovation, energy performance certificate etc.)

##### ***Implementation monitoring information (to be filled in by the Contracting Party):***

- Status of Action: [Construction Law No. 2004/15, Official Gazette No.34, www.mmph-ks.org](#) and
- [Technical Regulation on thermal energy saving and thermal protection in buildings, No. 03/2009, www.mmph-ks.org](#)
- Responsible institution(s): [Ministry of Environment and Spatial Planning](#)
- Intermediate milestones (planned actions and date): [Drafting of new Law on Construction, December 2011](#)
- [Amendments to Technical Regulation on thermal energy saving and thermal protection in buildings, No. 03/2009, June 2012](#)
- [Drafting of Technical Regulation on ventilating and air conditioning systems in buildings, June 2012](#)
- [Drafting of Technical Regulation on building heating and cooling September, 2012](#)
- 

<sup>2</sup> Decision No 2010/02/MC-EnC of 24 September 2010 of the Ministerial Council of the Energy Community amending Decision 2009/05/MC-EnC of 18 December 2009 on the implementation of certain Directives on Energy Efficiency

- Overall deadline: 30 September 2012 at the latest, to adopt and publish all the laws, regulations and administrative provisions.

	Action	Deadline	Status
1	<u>Drafting of new Law on Construction, December 2011</u>	<u>December 2011</u>	<u>In the process</u>
2	<u>Amendments to Technical Regulation on thermal energy saving and thermal protection in buildings, No. 03/2009</u>	<u>June 2012</u>	<u>Is foreseen</u>
3	<u>Drafting of Technical Regulation on ventilating and air conditioning systems in buildings,</u>	<u>June 2012</u>	<u>Is foreseen</u>
4	<u>Drafting of Technical Regulation on building heating and cooling</u>	<u>September, 2012</u>	<u>Is foreseen</u>

- **Article 3: Adoption of a methodology for calculating the energy performance of buildings**

**Actions required:**

The Contracting Parties shall apply a methodology, at national or regional level, for calculating the energy performance of buildings in accordance with the common general framework set out in Annex I.

**ANNEX I: Common general framework for the calculation of energy performance of buildings**

1. The energy performance of a building shall be determined on the basis of the calculated or actual annual energy that is consumed in order to meet the different needs associated with its typical use and shall reflect the heating energy needs and cooling energy needs (energy needed to avoid overheating) to maintain the envisaged temperature conditions of the building, and domestic hot water needs.
2. The energy performance of a building shall be expressed in a transparent manner and shall include an energy performance indicator and a numeric indicator of primary energy use, based on primary energy factors per energy carrier, which may be based on national or regional annual weighted averages or a specific value for on- site production.
3. The methodology shall be laid down taking into consideration at least the following aspects:
  - (a) the following actual thermal characteristics of the building including its internal partitions:
    - (i) thermal capacity;
    - (ii) insulation;
    - (iii) passive heating;
    - (iv) cooling elements; and
    - (v) thermal bridges;

- (b) heating installation and hot water supply, including their insulation characteristics;
  - (c) air-conditioning installations;
  - (d) natural and mechanical ventilation which may include air-tightness;
  - (e) built-in lighting installation (mainly in the non-residential sector);
  - (f) the design, positioning and orientation of the building, including outdoor climate;
  - (g) passive solar systems and solar protection;
  - (h) indoor climatic conditions, including the designed indoor climate;
  - (i) internal loads.
4. The positive influence of the following aspects shall, where relevant in the calculation, be taken into account:
- (a) local solar exposure conditions, active solar systems and other heating and electricity systems based on energy from renewable sources;
  - (b) electricity produced by cogeneration;
  - (c) district or block heating and cooling systems;
  - (d) natural lighting.
5. For the purpose of the calculation buildings should be adequately classified into the following categories:
- (a) single-family houses of different types;
  - (b) apartment blocks;
  - (c) offices;
  - (d) educational buildings;
  - (e) hospitals;
  - (f) hotels and restaurants;
  - (g) sports facilities;
  - (h) wholesale and retail trade services buildings;
  - (i) other types of energy-consuming buildings.

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:
- [Law on energy, article 9.3](#)
- [Technical Regulation on thermal energy saving and thermal protection in buildings, No. 03/2009, www.mmph-ks.org](#)
- Responsible institution(s): [Ministry of Environment and Spatial Planning, Ministry of Economical Development](#)
- Intermediate milestones (planned actions and date): [Amendments to Technical Regulation on thermal energy saving and thermal protection in buildings, No. 03/2009, June 2012](#)
- Overall deadline: 30 September 2012 at the latest, to adopt and publish all the laws, regulations and administrative provisions.
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	Action	Deadline	Status
1.	<u>Developing institutional capacities in order to implement the regulation for saving thermal energy and thermal protection in buildings</u>	<u>31 December 2011</u>	<u>On- going</u>
3.	<u>Review the Regulation on Thermal Protection in order to include all aspects of the energy performance of buildings.</u>	<u>31 December 2011</u>	<u>It is in the planning phase and based on the new law on Building</u>
4	<u>Survey of buildings</u>	<u>31 December 2011</u>	<u>Is planned</u>
5.	<u>Development of the national methodology of calculation of the energy performance of buildings on the basis of the general framework set out in the Annex of EPBD. Developed comparative methodology from the European Commission will be used.</u>	<u>31 December 2011</u>	<u>Is planned</u>
.6.	<u>Calculate the energy performance of buildings that were be based in the surveyed and calculate the total national levels extrapolating survey data</u>	<u>31 December 2011</u>	<u>It is planned and is going to be finished based on the results from the 5th activity</u>

## II. Energy performance requirements

### ▪ Article 4: Setting of energy performance requirements

#### **Actions required:**

1. Contracting Parties shall take the necessary measures to ensure that minimum energy performance requirements for buildings or building units are set with a view to achieving cost-optimal levels. The energy performance shall be calculated in accordance with the methodology referred to in Article 3.

Cost-optimal levels shall be calculated in accordance with the comparative methodology framework referred to in Article 5 once the framework is in place.

Contracting Parties shall take the necessary measures to ensure that minimum energy performance requirements are set for building elements that form part of the building envelope and that have a significant impact on the energy performance of the building envelope when they are replaced or retrofitted, with a view to achieving cost-optimal levels.

When setting requirements, Contracting Parties may differentiate between new and existing buildings and between different categories of buildings.

These requirements shall take account of general indoor climate conditions, in order to avoid possible negative effects such as inadequate ventilation, as well as local conditions and the designated function and the age of the building.

A Contracting Party shall not be required to set minimum energy performance requirements which are not cost-effective over the estimated economic lifecycle.

Minimum energy performance requirements shall be reviewed at regular intervals which shall not be longer than five years and, if necessary, shall be updated in order to reflect technical progress in the building sector.

2. Contracting Parties may decide not to set or apply the requirements referred to in paragraph 1 to the following categories of buildings:

- (a) buildings officially protected as part of a designated environment or because of their special architectural or historical merit, in so far as compliance with certain minimum energy performance requirements would unacceptably alter their character or appearance;
- (b) buildings used as places of worship and for religious activities;
- (c) temporary buildings with a time of use of two years or less, industrial sites, workshops and non-residential agricultural buildings with low energy demand and non-residential agricultural buildings which are in use by a sector covered by a national sectoral agreement on energy performance;
- (d) residential buildings which are used or intended to be used for either less than four months of the year or, alternatively, for a limited annual time of use and with an expected energy consumption of less than 25 % of what would be the result of all-year use;
- (e) stand-alone buildings with a total useful floor area of less than 50 m<sup>2</sup>.

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action: [-Technical Regulation on thermal energy saving and thermal protection in buildings, No. 03/2009, www.mmph-ks.org](#)
- Responsible institution(s): [Ministry of Environment and Spatial Planning](#)
- Intermediate milestones (planned actions and date):
- [Drafting of new Law on Construction, December 2011](#)
- [Amendments to Technical Regulation on thermal energy saving and thermal protection in buildings, No. 03/2009, June 2012](#)
- [Drafting of Technical Regulation on ventilating and air conditioning systems in buildings, June 2012](#)
- [Drafting of Technical Regulation on building heating and cooling September, 2012](#)
- Overall deadline: 30 September 2012 at the latest, to adopt and publish all the laws, regulations and administrative provisions.

	Action	Deadline	Status
1.	<u>Survey data on existing buildings according to type and size with information on characteristics of each type of building</u>	<u>31 December 2011</u>	<u>Is planned</u>
2.	<u>European Commission will develop and EnC will send the comparative methodology</u>	<u>31 December 2010</u>	<u>Is planned</u>
3.	<u>Calculations will be completed by the MESP to set the minimum requirements for new and existing buildings</u>	<u>31 December 2011</u>	<u>Is planned</u>
4.	<u>Modification of the Regulations on Thermal Protection once the minimum calculations have been calculated and adopted.</u>	<u>31 December 2011</u>	<u>Is planned</u>
5.	<u>Amendments to Technical Regulation on thermal energy saving and thermal protection in buildings, No. 03/2009,</u>	<u>June 2012</u>	<u>Is planned</u>
6.	<u>Drafting of Technical Regulation on ventilating and air conditioning systems in buildings</u>	<u>June 2012</u>	<u>Is planned</u>
7.	<u>Drafting of Technical Regulation on building heating and cooling</u>	<u>September, 2012.</u>	<u>Is planned</u>
8.	<u>Drafting of new Law on Construction,</u>	<u>December 2011</u>	<u>Is planned</u>

▪ **Article 5: Calculation of cost-optimal levels of minimum energy performance requirements**

**Actions required:**

1. The Commission will develop by 30 June 2011 a comparative methodology framework for calculating cost-optimal levels of minimum energy performance requirements for buildings and building elements. Contracting Parties will have to use comparative methodology framework in order to calculate the cost-optimal and relevant parameters, such as climatic conditions and the practical accessibility of energy infrastructure.

2. The results should then be compared with the actual requirements established in the Contracting Party, thus clearly indicating how close national requirements are to cost-optimal levels. Contracting Parties shall report to the Secretariat all input data and assumptions used for those calculations and the results of those calculations. The report may be included in the Energy Efficiency Action Plans referred to in Article 14(2) of Directive 2006/32/EC. Contracting Parties shall submit those reports to the Secretariat at regular intervals, which shall not be longer than five years. The first report shall be submitted by 30 June 2013.

3. If the result of the comparison performed in accordance with paragraph 2 shows that the minimum energy performance requirements in force are significantly less energy efficient than cost-optimal levels of minimum energy performance requirements, the Contracting Party concerned shall justify this difference in writing to the Secretariat in the report referred to in paragraph 2, accompanied, to the extent that the gap cannot be justified, by a plan outlining appropriate steps to significantly reduce the gap.

*Note: Benchmarking methodology framework for calculating cost-optimal levels is the new element in recast directive. Article 2 defines "cost-optimal level" which means the energy performance level which leads to the lowest cost during the estimated economic lifecycle (see Article 2 for full definition).*

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action: -Technical Regulation on thermal energy saving and thermal protection in buildings, No. 03/2009, [www.mmph-ks.org](http://www.mmph-ks.org)
- Responsible institution(s): Ministry of Environment and Spatial Planning Intermediate milestones (planned actions and date): Deleted: ¶
- -Drafting of new Law on Construction, December 2011
- -Amendments to Technical Regulation on thermal energy saving and thermal protection in buildings, No. 03/2009, June 2012
- -Drafting of Technical Regulation on ventilating and air conditioning systems in buildings, June 2012
- -Drafting of Technical Regulation on building heating and cooling, September, 2012
- Overall deadline: 30 September 2012 at the latest, to adopt and publish all the laws, regulations and administrative provisions. The first report shall be submitted by 30 June 2013.

	Action	Deadline	Status
1.	<u>Drafting of new Law on Construction</u>	<u>31 December 2011</u>	<u>Is in the process</u>
2.	<u>Review the Regulation</u>		<u>It is in the planning phase and</u>

	<u>on Thermal Protection in order to include all aspects of the energy performance of buildings.</u>	<u>31 December 2011</u>	<u>based on the new law on Building</u>
<u>4</u>	<u>Survey of buildings</u>	<u>31 December 2011</u>	<u>Is planned</u>
<u>5.</u>	<u>Development of the national methodology of calculation of the energy performance of buildings on the basis of the general framework set out in the Annex of EPBD. Developed comparative methodology from the European Commission will be used.</u>	<u>31 December 2011</u>	<u>Is planned</u>
<u>.6.</u>	<u>Calculate the energy performance of buildings that were be based in the surveyed and calculate the total national levels extrapolating survey data</u>	<u>31 December 2011</u>	<u>It is planned and is going to be finished based on the results from the 5th activity</u>
<u>7</u>	<u>Amendments to Technical Regulation on thermal energy saving and thermal protection in buildings, No. 03/2009,</u>	<u>June 2012</u>	<u>It is foreseen</u>
<u>8</u>	<u>Drafting of Technical Regulation on ventilating and air conditioning systems in buildings</u>	<u>June 2012</u>	<u>It is foreseen</u>
<u>9</u>	<u>Drafting of Technical Regulation on building heating and cooling,</u>	<u>September, 2012</u>	<u>It is foreseen</u>
<u>10.</u>	<u>The MESP provides instructions and guidance to the municipalities on enforcing the Regulation</u>	<u>June 2011</u>	<u>On going</u>
<u>11.</u>	<u>Modification of the Regulation on Building</u>		

	<u>Thermal Protection to ensure the technical, environmental and economic feasibility of alternative systems is considered in the permitting of new buildings</u>	<u>31 December 2011</u>	
<u>12.</u>	<u>Creation and training of energy managers within the municipalities</u>	<u>June 2011</u>	<u>It is planned and these offices are going to be established based on the EE law.</u>
<u>13.</u>	<u>MESP inspectorate inspects the buildings to ensure compliance in on-going and consistent</u>	<u>31 December 2011</u>	<u>On going</u>

▪ **Article 6: New buildings**

**Actions required:**

1. Contracting Parties shall take the necessary measures to ensure that new buildings meet the minimum energy performance requirements set in accordance with Article 4.

For new buildings, Contracting Parties shall ensure that, before construction starts, the technical, environmental and economic feasibility of high-efficiency alternative systems such as those listed below, if available, is considered and taken into account:

- (a) decentralised energy supply systems based on energy from renewable sources;
- (b) cogeneration;
- (c) district or block heating or cooling, particularly where it is based entirely or partially on energy from renewable sources;
- (d) heat pumps.

2. Contracting Parties shall ensure that the analysis of alternative systems referred to in paragraph 1 is documented and available for verification purposes.

3. That analysis of alternative systems may be carried out for individual buildings or for groups of similar buildings or for common typologies of buildings in the same area. As far as collective heating and cooling systems are concerned, the analysis may be carried out for all buildings connected to the system in the same area.

*Note: The recast directive extends the obligation to consider alternative systems for new buildings to all buildings. This enlarges the EPBD's scope and supports the targets on renewables.*

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action: -Construction Law No. 2004/15, Official Gazette No.34, [www.mmph-ks.org](http://www.mmph-ks.org)
- -Technical Regulation on thermal energy saving and thermal protection in buildings, No. 03/2009, [www.mmph-ks.org](http://www.mmph-ks.org)

- Responsible institution(s): Ministry of Environment and Spatial Planning, Ministry of economic development
- Intermediate milestones (planned actions and date):
- Drafting of Law on Construction, December 2011
- Amendments to Technical Regulation on thermal energy saving and thermal protection in buildings, No. 03/2009, June 2012
- Drafting of Technical Regulation on ventilating and air conditioning systems in buildings, June 2012
- Drafting of Technical Regulation on building heating and cooling September, 2012
- Overall deadline: 30 September 2012 at the latest, to adopt and publish all the laws, regulations and administrative provisions.

	Action	Deadline	Status
1	<u>Drafting of Law on Construction, December 2011</u>	<u>December 2011</u>	<u>In the process</u>
2	<u>Amendments to Technical Regulation on thermal energy saving and thermal protection in buildings, No. 03/2009</u>	<u>June 2012</u>	<u>Is foreseen</u>
3	<u>Drafting of Technical Regulation on ventilating and air conditioning systems in buildings,</u>	<u>June 2012</u>	<u>Is foreseen</u>
4	<u>Drafting of Technical Regulation on building heating and cooling</u>	<u>September, 2012</u>	<u>Is foreseen</u>

▪ **Article 7: Existing buildings**

**Actions required:**

Contracting Parties shall take the necessary measures to ensure that when buildings undergo major renovation, the energy performance of the building or the renovated part thereof is upgraded in order to meet minimum energy performance requirements set in accordance with Article 4 in so far as this is technically, functionally and economically feasible.

Those requirements shall be applied to the renovated building or building unit as a whole. Additionally or alternatively, requirements may be applied to the renovated building elements. Contracting Parties shall in addition take the necessary measures to ensure that when a building element that forms part of the building envelope and has a significant impact on the energy performance of the building envelope, is retrofitted or replaced, the energy performance of the building element meets minimum energy performance requirements in so far as this is technically, functionally and economically feasible.

Contracting Parties shall encourage, in relation to buildings undergoing major renovation, the consideration and taking into account of high-efficiency alternative systems, as referred to in Article 6(1), in so far as this is technically, functionally and economically feasible.

*Note: The threshold of 1000 m<sup>2</sup> for meeting of the minimum energy performance requirements when the buildings undergo major renovation is deleted. Clearly, the best moment for the introduction of energy efficiency measures is when the building undergoes major renovation and in this way the additional investment needs are not high and due to energy savings they are repaid within the lifetime of the measures. The definition of 'major renovation' is kept and reinforced by being moved from the preamble to Article 2 "definitions".*

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action: [Construction Law No. 2004/15, Official Gazette No.34, www.mmph-ks.org](#)
- [Technical Regulation on thermal energy saving and thermal protection in buildings, No. 03/2009, www.mmph-ks.org](#)
- 
- Responsible institution(s): [Ministry of Environment and Spatial Planning, Ministry of Economic development and Ministry of Trade and Industry](#)
- Intermediate milestones (planned actions and date):
- [Drafting of new Law on Construction, December 2011](#)
- [Amendments to Technical Regulation on thermal energy saving and thermal protection in buildings, No. 03/2009, June 2012](#)
- [Drafting of Technical Regulation on ventilating and air conditioning systems in buildings, June 2012](#)
- [Drafting of Technical Regulation on building heating and cooling September, 2012](#)
- Overall deadline: 30 September 2012 at the latest, to adopt and publish all the laws, regulations and administrative provisions.

	Action	Deadline	Status
1.	<a href="#">Categorization of the existing buildings</a>	<a href="#">31 January 2011</a>	
2.	<a href="#">Drafting of technical regulation on building heating and cooling in order to set standards for heating, hot water and cooling equipment</a>	<a href="#">September, 2012</a>	
3.	<a href="#">Amendments to Technical Regulation on thermal energy saving and thermal protection in buildings, No. 03/2009 or Modification of the Regulation on Building</a>	<a href="#">June 2012</a>	

Thermal Protection to ensure the technical, environmental and economic feasibility of alternative systems is considered when buildings undergo major renovation.

▪ **Article 8: Technical building systems**

**Actions required:**

1. Contracting Parties shall, for the purpose of optimising the energy use of technical building systems, set system requirements in respect of the overall energy performance, the proper installation, and the appropriate dimensioning, adjustment and control of the technical building systems which are installed in existing buildings. Contracting Parties may also apply these system requirements to new buildings.

System requirements shall be set for new, replacement and upgrading of technical building systems and shall be applied in so far as they are technically, economically and functionally feasible.

The system requirements shall cover at least the following:

- (a) heating systems;
- (b) hot water systems;
- (c) air-conditioning systems;
- (d) large ventilation systems;

or a combination of such systems.

2. Contracting Parties shall encourage the introduction of intelligent metering systems whenever a building is constructed or undergoes major renovation. Contracting Parties may furthermore encourage, where appropriate, the installation of active control systems such as automation, control and monitoring systems that aim to save energy.

*Note: Recast directive introduces the application of minimum requirements to the energy performance of technical building systems whenever they are installed, replaced or upgraded. 'Technical building system' means technical equipment for the heating, cooling, ventilation, hot water, lighting or for a combination thereof, of a building or building unit;*

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action: Optimizing the energy use of technical building systems, set system requirements in respect of the overall energy performance, the proper installation, and the appropriate dimensioning, adjustment and control of the technical building systems which are installed in existing buildings and to the new buildings as well. Responsible institution(s): Ministry of Environment and Spatial Planning and Ministry of Economic development
- Intermediate milestones (planned actions and date): - Drafting of Technical Regulation on ventilating and air conditioning systems in buildings, June 2012
- Drafting of Technical Regulation on building heating and cooling September, 2012

Deleted: ¶

- Overall deadline: 30 September 2012 at the latest, to adopt and publish all the laws, regulations and administrative provisions.

	Action	Deadline	Status
1.	<u>Drafting of Technical Regulation on ventilating and air conditioning systems in buildings</u>	<u>June 2012</u>	<u>Is foreseen</u>
2.	<u>- Drafting of Technical Regulation on building heating and cooling</u>	<u>September, 2012</u>	<u>Is foreseen</u>

- **Article 9: Nearly zero-energy buildings**

**Actions required:**

1. Contracting Parties shall ensure that:

- (a) by 30 June 2021, all new buildings are nearly zero- energy buildings; and
- (b) after 30 June 2019, new buildings occupied and owned by public authorities are nearly zero-energy buildings.

Contracting Parties shall draw up national plans for increasing the number of nearly zero-energy buildings. These national plans may include targets differentiated according to the category of building.

2. Contracting Parties shall furthermore, following the leading example of the public sector, develop policies and take measures such as the setting of targets in order to stimulate the transformation of buildings that are refurbished into nearly zero-energy buildings, and inform the Secretariat thereof in their national plans referred to in paragraph 1.

3. The national plans shall include, inter alia, the following elements:

- (a) the Contracting Party's detailed application in practice of the definition of nearly zero-energy buildings, reflecting their national, regional or local conditions, and including a numerical indicator of primary energy use expressed in kWh/m<sup>2</sup> per year. Primary energy factors used for the determination of the primary energy use may be based on national or regional yearly average values and may take into account relevant European standards;
- (b) intermediate targets for improving the energy performance of new buildings, by 2015, with a view to preparing the implementation of paragraph 1;
- (c) information on the policies and financial or other measures adopted in the context of paragraphs 1 and 2 for the promotion of nearly zero-energy buildings, including details of national requirements and measures concerning the use of energy from renewable sources in new buildings and existing buildings undergoing major renovation in the context of Article 13(4) of Directive 2009/28/EC and Articles 6 and 7 of this Directive.

*Note: This is a new Article introduced in the EPBD recast. "Nearly zero-energy building" is described as a building that has a very high energy performance, as determined in accordance with Annex I. The nearly zero or very low amount of energy required should be covered to a very significant extent by energy from renewable sources.*

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:
- Responsible institution(s):
- Intermediate milestones (planned actions and date):
- Overall deadline: 30 September 2012 at the latest, to adopt and publish all the laws, regulations and administrative provisions.

▪ **Article 10: Financial incentives and market barriers**

**Actions required:**

1. In view of the importance of providing appropriate financing and other instruments to catalyse the energy performance of buildings and the transition to nearly zero- energy buildings, Contracting Parties shall take appropriate steps to consider the most relevant such instruments in the light of national circumstances.
2. Contracting Parties shall draw up, by 30 June 2013, a list of the existing and potential instruments used to promote improvements in the energy performance of buildings. This list is to be updated every three years. Contracting Parties shall communicate these lists to the Secretariat, which they may do by including them in the Energy Efficiency Action Plans referred to in Article 14(2) of Directive 2006/32/EC.
3. Contracting Parties shall take account of the cost-optimal levels of energy performance when providing incentives for the construction or major renovation of buildings.
4. The provisions of this Directive shall not prevent Contracting Parties from providing incentives for new buildings, renovations or building elements which go beyond the cost-optimal levels.

*Note: The Secretariat shall, where appropriate, assist upon request Contracting Parties in setting up national or regional financial support programmes with the aim of increasing energy efficiency in buildings, especially of existing buildings, by supporting the exchange of best practice between the responsible national or regional authorities or bodies.*

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:
- Responsible institution(s):
- Intermediate milestones (planned actions and date):
- Overall deadline: 30 September 2012 at the latest, to adopt and publish all the laws, regulations and administrative provisions. List of the existing and potential instruments used to promote improvements in the energy performance of buildings: by 30 June 2013.

**III. Energy performance certificate**

▪ **Article 11: Energy performance certificate**

**Actions required:**

1. Contracting Parties shall lay down the necessary measures to establish a system of certification of the energy performance of buildings. The energy performance certificate shall include the energy performance of a building and reference values such as minimum energy performance requirements in order to make it possible for owners or tenants of the building or building unit to compare and assess its energy performance.

The energy performance certificate may include additional information such as the annual energy consumption for non-residential buildings and the percentage of energy from renewable sources in the total energy consumption.

2. The energy performance certificate shall include recommendations for the cost-optimal or cost-effective improvement of the energy performance of a building or building unit, unless there is no reasonable potential for such improvement compared to the energy performance requirements in force.

The recommendations included in the energy performance certificate shall cover:

(a) measures carried out in connection with a major renovation of the building envelope or technical building system(s); and

(b) measures for individual building elements independent of a major renovation of the building envelope or technical building system(s).

3. The recommendations included in the energy performance certificate shall be technically feasible for the specific building and may provide an estimate for the range of payback periods or cost-benefits over its economic lifecycle.

4. The energy performance certificate shall provide an indication as to where the owner or tenant can receive more detailed information, including as regards the cost-effectiveness of the recommendations made in the energy performance certificate. The evaluation of cost effectiveness shall be based on a set of standard conditions, such as the assessment of energy savings and underlying energy prices and a preliminary cost forecast. In addition, it shall contain information on the steps to be taken to implement the recommendations. Other information on related topics, such as energy audits or incentives of a financial or other nature and financing possibilities may also be provided to the owner or tenant.

5. Subject to national rules, Contracting Parties shall encourage public authorities to take into account the leading role which they should play in the field of energy performance of buildings, inter alia, by implementing the recommendations included in the energy performance certificate issued for buildings owned by them within its validity period.

6. Certification for building units may be based:

(a) on a common certification of the whole building; or

(b) on the assessment of another representative building unit with the same energy-relevant characteristics in the same building.

7. Certification for single-family houses may be based on the assessment of another representative building of similar design and size with a similar actual energy performance quality if such correspondence can be guaranteed by the expert issuing the energy performance certificate.

8. The validity of the energy performance certificate shall not exceed 10 years.

*Note: The requirements related to the certificate are clarified and strengthened in recast EPBD, and elaborated in Articles 11, 12 and 13. In this Article the role of the recommendations of the certificate is strengthened and clarified by emphasizing that they shall be an indispensable part of the certificate and by including provisions on the information they shall contain.*

*The Commission shall, by 2011, in consultation with the relevant sectors, adopt a voluntary common European Union certification scheme for the energy performance of non-residential buildings. Contracting Parties are encouraged to recognise or use the scheme, or use part thereof by adapting it to national circumstances.*

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action: Establishing system of certification of the energy performance of buildings

- Responsible institution(s): Ministry of economic development and Ministry of Environment and Spatial Planning
- Intermediate milestones (planned actions and date): Drafting of new Law on Construction, December 2011
- Drafting of Technical Regulation on building energy performance certification, September, 2012
- Overall deadline: 30 September 2012 at the latest, to adopt and publish all the laws, regulations and administrative provisions.

Deleted: ¶

	Action	Deadline	Status
1.	<u>Review and transpose according to the Directive the Law on Construction</u>	<u>31 December 2011</u>	<u>On going</u>
2.	<u>- Drafting of Technical Regulation on building energy performance certification</u>	<u>September, 2012</u>	<u>Is foreseen</u>

▪ **Article 12: Issue of energy performance certificates**

**Actions required:**

1. Contracting Parties shall ensure that an energy performance certificate is issued for:

- (a) buildings or building units which are constructed, sold or rented out to a new tenant; and
- (b) Buildings where a total useful floor area over 500 m<sup>2</sup> is occupied by a public authority and frequently visited by the public. On 30 September 2015, this threshold of 500 m<sup>2</sup> shall be lowered to 250 m<sup>2</sup>.

The requirement to issue an energy performance certificate does not apply where a certificate, issued in accordance with either Directive 2002/91/EC or this Directive, for the building or building unit concerned is available and valid.

2. Contracting Parties shall require that, when buildings or building units are constructed, sold or rented out, the energy performance certificate or a copy thereof is shown to the prospective new tenant or buyer and handed over to the buyer or new tenant.

3. Where a building is sold or rented out in advance of construction, Contracting Parties may require the seller to provide an assessment of its future energy performance, as derogation from paragraphs 1 and 2; in this case, the energy performance certificate shall be issued at the latest once the building has been constructed.

4. Contracting Parties shall require that when:

- buildings having an energy performance certificate,
- building units in a building having an energy performance certificate, and
- building units having an energy performance certificate,

are offered for sale or for rent, the energy performance indicator of the energy performance certificate of the building or the building unit, as applicable, is stated in the advertisements in commercial media.

5. The provisions of this Article shall be implemented in accordance with applicable national rules on joint ownership or common property.

6. Contracting Parties may exclude the categories of buildings referred to in Article 4(2) from the application of paragraphs 1, 2, 4 and 5 of this Article.

7. The possible effects of energy performance certificates in terms of legal proceedings, if any, shall be decided in accordance with national rules.

*Note: The requirements related to the issue of the certificate are reformulated to ensure that the certificates are provided every time there is a property transaction and the prospective buyer or tenant is informed of the energy performance of the building (or its parts) at an early stage. A requirement that if the total useful area over 250 m<sup>2</sup> of a building is occupied by public authorities, a certificate should be issued by 30 September 2015 is introduced.*

*In Article 28 is stated that Contracting Parties may defer the application of Article 12(1) and (2) to single building units that are rented out, until 31 December 2015. This shall however not result in fewer certificates being issued than would have been the case under the application of the Directive 2002/91/EC in the Contracting Parties concerned.*

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:
- Responsible institution(s): Ministry of Economic Development and Ministry of Environment and Spatial Planning
- Intermediate milestones (planned actions and date):
  - Drafting of new Law on Construction, December 2011
  - Updated of Technical Regulation on building energy performance certification, September, 2012
- Overall deadline: 30 September 2012 at the latest, to adopt and publish all the laws, regulations and administrative provisions.

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	<u>Action</u>	<u>Deadline</u>	<u>Status</u>
1.	<u>Drafting of new Law on Construction</u>	<u>December 2011</u>	<u>On going</u>
2.	<u>Updating of Technical Regulation on building energy performance certification</u>	<u>September 2012</u>	<u>On going</u>
3.	<u>Creation of certification body</u>	<u>31 December 2011</u>	<u>On going</u>

▪ **Article 13: Display of energy performance certificates**

**Actions required:**

1. Contracting Parties shall take measures to ensure that where a total useful floor area over 500 m<sup>2</sup> of a building for which an energy performance certificate has been issued in accordance with Article 12(1) is occupied by public authorities and frequently visited by the public, the energy performance certificate is displayed in a prominent place clearly visible to the public.

On 30 September 2015, this threshold of 500 m<sup>2</sup> shall be lowered to 250 m<sup>2</sup>.

2. Contracting Parties shall require that where a total useful floor area over 500 m<sup>2</sup> of a building for which an energy performance certificate has been issued in accordance with Article 12(1) is frequently visited by the public, the energy performance certificate is displayed in a prominent place clearly visible to the public.

3. The provisions of this Article do not include an obligation to display the recommendations included in the energy performance certificate.

*Note: The scope of the obligation to display the certificate is extended: i.e. if the total useful area of a building occupied by a public authority or frequently visited by the public is over 500 m<sup>2</sup> (250 m<sup>2</sup> from 2015), the certificate shall be displayed in a prominent place clearly visible to the public. For the latter, the requirement shall be imposed only if the certificate is already available.*

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:
- Responsible institution(s): Ministry of Economic Development and Ministry of Environment and Spatial Planning
- Intermediate milestones (planned actions and date):
  - Drafting of new Law on Construction, December 2011
  - Drafting of Technical Regulation on building energy performance certification, September, 2012
- Overall deadline: 30 September 2012 at the latest, to adopt and publish all the laws, regulations and administrative provisions.

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	Action	Deadline	Status
1.	<u>Drafting of new Law on Construction</u>	<u>December 2011</u>	<u>On going</u>
2.	<u>Updating of Technical Regulation on building energy performance certification</u>	<u>September 2012</u>	<u>On going</u>

**IV. Inspection of heating and air-conditioning systems**

▪ **Article 14: Inspection of heating systems**

**Actions required:**

1. Contracting Parties shall lay down the necessary measures to establish a regular inspection of the accessible parts of systems used for heating buildings, such as the heat generator, control system and

circulation pump(s), with boilers of an effective rated output for space heating purposes of more than 20 kW. That inspection shall include an assessment of the boiler efficiency and the boiler sizing compared with the heating requirements of the building. The assessment of the boiler sizing does not have to be repeated as long as no changes were made to the heating system or as regards the heating requirements of the building in the meantime.

Contracting Parties may reduce the frequency of such inspections or lighten them as appropriate, where an electronic monitoring and control system is in place.

2. Contracting Parties may set different inspection frequencies depending on the type and effective rated output of the heating system whilst taking into account the costs of the inspection of the heating system and the estimated energy cost savings that may result from the inspection.

3. Heating systems with boilers of an effective rated output of more than 100 kW shall be inspected at least every two years.

For gas boilers, this period may be extended to four years.

4. As an alternative to paragraphs 1, 2 and 3 Contracting Parties may opt to take measures to ensure the provision of advice to users concerning the replacement of boilers, other modifications to the heating system and alternative solutions to assess the efficiency and appropriate size of the boiler. The overall impact of this approach shall be equivalent to that arising from the provisions set out in paragraphs 1, 2 and 3.

Where Contracting Parties choose to apply the measures referred to in the first subparagraph, they shall submit to the Secretariat a report on the equivalence of those measures to measures referred to in paragraphs 1, 2 and 3 of this Article by 30 June 2013 at the latest. Contracting Parties shall submit these reports to the Secretariat every three years. The reports may be included in the Energy Efficiency Action Plans referred to in Article 14(2) of Directive 2006/32/EC.

*Interpretation Note (ECS):*

*In the EPBD recast this article was renamed: Inspection of heating systems, and the threshold effective rated output of 100 kW was removed.*

*Clarifications on the frequency of inspections are introduced in order to stress the importance of proportionality between inspection costs and anticipated energy savings stimulated by the inspections.*

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:
- Responsible institution(s): [Ministry of Environment and Spatial Planning](#)
- Intermediate milestones (planned actions and date):
- [Drafting of new Law on Construction, December 2011](#)
- [Drafting of Technical Regulation on building heating and cooling, September, 2012](#)
- Overall deadline: 30 September 2012 at the latest, to adopt and publish all the laws, regulations and administrative provisions. Report about the application of the alternative options as described in paragraph 4 to be submitted by 30 June 2013.

	<u>Action</u>	<u>Deadline</u>	<u>Status</u>
1.	<a href="#">Energy Efficiency Agency is planned to provide advice to owners of</a>	<a href="#">30 June 2013</a>	<a href="#">It is related to EE draft law</a>

	<u>boilers, but this advice may come from energy services companies as well.</u>		
<u>2.</u>	<u>Incorporation in the new regulation (AI) on EA, provisions on obligatory audit/ inspection of boilers</u>	<u>30 September 2012</u>	<u>Its foreseen</u>
<u>3.</u>	<u>Drafting of new Law on Construction</u>	<u>December 2011</u>	<u>On going</u>
<u>4.</u>	<u>Drafting of Technical Regulation on building heating and cooling.</u>	<u>September, 2012</u>	<u>Its foreseen</u>

▪ **Article 15: Inspection of air-conditioning systems**

***Actions required:***

1. Contracting Parties shall lay down the necessary measures to establish a regular inspection of the accessible parts of air-conditioning systems of an effective rated output of more than 12 kW. The inspection shall include an assessment of the air-conditioning efficiency and the sizing compared to the cooling requirements of the building. The assessment of the sizing does not have to be repeated as long as no changes were made to this air-conditioning system or as regards the cooling requirements of the building in the meantime.

Contracting Parties may reduce the frequency of such inspections or lighten them, as appropriate, where an electronic monitoring and control system is in place.

2. The Contracting Parties may set different inspection frequencies depending on the type and effective rated output of the air-conditioning system, whilst taking into account the costs of the inspection of the air-conditioning system and the estimated energy cost savings that may result from the inspection.

3. In laying down the measures referred to in paragraphs 1 and 2 of this Article, Contracting Parties shall, as far as is economically and technically feasible, ensure that inspections are carried out in accordance with the inspection of heating systems and other technical systems referred to in Article 14 of this Directive and the inspection of leakages referred to in Regulation (EC) No 842/2006 of the European Parliament and of the Council of 17 May 2006 on certain fluorinated greenhouse gases.

4. As an alternative to paragraphs 1, 2 and 3 Contracting Parties may opt to take measures to ensure the provision of advice to users on the replacement of air-conditioning systems or on other modifications to the air-conditioning system which may include inspections to assess the efficiency and appropriate size of the air-conditioning system. The overall impact of this approach shall be equivalent to that arising from the provisions set out in paragraphs 1, 2 and 3.

Where Contracting Parties apply the measures referred to in the first subparagraph, they shall, by 30 June 2013 at the latest, submit to the Secretariat a report on the equivalence of those measures to the measures referred to in paragraphs 1, 2 and 3 of this Article. Contracting Parties shall submit these reports to the Secretariat every three years. The reports may be included in the Energy Efficiency Action Plans referred to in Article 14(2) of Directive 2006/32/EC.

Note: Recast Directive introduces changes similar as in previous Art. 14 with regard to clarification on the frequency of the inspections.

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:
- Responsible institution(s): Ministry of Environment and Spatial Planning
- Intermediate milestones (planned actions and date): Drafting of new Law on Construction, December 2011
- Drafting of Technical Regulation on building heating and cooling, September, 2012
- Overall deadline: 30 September 2012 at the latest, to adopt and publish all the laws, regulations and administrative provisions. Report about the application of the alternative options as described in paragraph 4 to be submitted by 30 June 2013.

	<u>Action</u>	<u>Deadline</u>	<u>Status</u>
1.	<u>Energy Efficiency Agency is planned to provide advice to owners of boilers, but this advice may come from energy services companies as well.</u>	<u>30 June 2013</u>	<u>It is related to EE draft law</u>
2.	<u>Drafting of new Law on Costruction</u>	<u>December 2011</u>	<u>On going</u>
3.	<u>Drafting of Technical Regulation on building heating and cooling.</u>	<u>September, 2012</u>	<u>Its foreseen</u>

▪ **Article 16: Reports on the inspection of heating and air-conditioning systems**

**Actions required:**

1. An inspection report shall be issued after each inspection of a heating or air-conditioning system. The inspection report shall contain the result of the inspection performed in accordance with Article 14 or 15 and include recommendations for the cost-effective improvement of the energy performance of the inspected system.

The recommendations may be based on a comparison of the energy performance of the system inspected with that of the best available feasible system and a system of similar type for which all relevant components achieve the level of energy performance required by the applicable legislation.

2. The inspection report shall be handed over to the owner or tenant of the building.

Note: This is new article introduced by the recast EPBD. The requirement for an inspection report to be handed over to the owner or tenant of a building is introduced, in order to appropriately inform them about the inspection result and recommendations for cost-effective improvements.

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:
- Responsible institution(s): [Ministry of Environment and Spatial Planning](#)
- Intermediate milestones (planned actions and date): [Drafting of new Law on Construction, December 2011](#)
- [Drafting of Technical Regulation on building heating and cooling, September, 2012](#)
- Overall deadline: 30 September 2012 at the latest, to adopt and publish all the laws, regulations and administrative provisions.

	<u>Action</u>	<u>Deadline</u>	<u>Status</u>
1.	<a href="#">Drafting of new Law on Costruction</a>	<a href="#">December 2011</a>	<a href="#">On going</a>
2.	<a href="#">Drafting of Technical Regulation on building heating and cooling.</a>	<a href="#">September, 2012</a>	<a href="#">Its foreseen</a>

▪ **Article 17: Independent experts**

***Actions required:***

1. Contracting Parties shall ensure that the energy performance certification of buildings and the inspection of heating systems and air-conditioning systems are carried out in an independent manner by qualified and/or accredited experts, whether operating in a self-employed capacity or employed by public bodies or private enterprises.

Experts shall be accredited taking into account their competence.

2. Contracting Parties shall make available to the public information on training and accreditations. Contracting Parties shall ensure that either regularly updated lists of qualified and/or accredited experts or regularly updated lists of accredited companies which offer the services of such experts are made available to the public.

*Note: Under this article in recast EPBD is added requirement that in the accreditation process the competence (operative and technical) of experts who carry out the certifications and inspections and their ability to carry out the service in an independent manner are taken into account, as well as that relevant information should be available to the public.*

***Implementation monitoring information (to be filled in by the Contracting Party):***

- Status of Action:
- Responsible institution(s): [Ministry of Economic Development and Ministry of Environment and Spatial Planning](#)
- Intermediate milestones (planned actions and date):
- [Review, analyze and update the legislation as appropriate; 30 September 2012](#)
- [Template procedures for completing the building energy certification; December 2012](#)
- [Develop and adopt the template building energy certificate; December 2012](#)

- Overall deadline: 30 September 2012 at the latest, to adopt and publish all the laws, regulations and administrative provisions.

	Action	Deadline	Status
1.	<u>Review, analyze and update the legislation as appropriate</u>	<u>30 September 2012</u>	<u>Its foreseen</u>
2.	<u>Template procedures for completing the building energy certification</u>	<u>December 2012</u>	<u>Its foreseen</u>
3.	<u>Develop and adopt the template building energy certificate</u>	<u>December 2012</u>	<u>Its foreseen</u>

- **Article 18: Independent control system**

***Actions required:***

1. Contracting Parties shall ensure that independent control systems for energy performance certificates and reports on the inspection of heating and air-conditioning systems are established in accordance with Annex II. Contracting Parties may establish separate systems for the control of energy performance certificates and for the control of reports on the inspection of heating and air-conditioning systems.
2. The Contracting Parties may delegate the responsibilities for implementing the independent control systems.

Where the Contracting Parties decide to do so, they shall ensure that the independent control systems are implemented in compliance with Annex II.

3. Contracting Parties shall require the energy performance certificates and the inspection reports referred to in paragraph 1 to be made available to the competent authorities or bodies on request.

**ANNEX III: Independent control systems for energy performance certificates and inspection reports**

1. The competent authorities or bodies to which the competent authorities have delegated the responsibility for implementing the independent control system shall make a random selection of at least a statistically significant percentage of all the energy performance certificates issued annually and subject those certificates to verification.

The verification shall be based on the options indicated below or on equivalent measures:

- (a) validity check of the input data of the building used to issue the energy performance certificate and the results stated in the certificate;
- (b) check of the input data and verification of the results of the energy performance certificate, including the recommendations made;
- (c) full check of the input data of the building used to issue the energy performance certificate, full verification of the results stated in the certificate, including the recommendations made, and on-site visit of the building, if possible, to check correspondence between specifications given in the energy performance certificate and the building certified.

2. The competent authorities or bodies to which the competent authorities have delegated the responsibility for implementing the independent control system shall make a random selection of at least a statistically significant percentage of all the inspection reports issued annually and subject those reports to verification.

*Note: A new article and Annex introduced by the recast EPBD. A requirement for an independent control system for the energy performance certificates and for the reports on the inspection of heating and air-conditioning systems, i.e. via random sampling checks of the quality, is introduced.*

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:
- Responsible institution(s): [Ministry of Economic Development](#)
- Intermediate milestones (planned actions and date): [Drafting the Administrative instruction for Creation of Independent control systems for energy performance certificates and inspection reports based in the EE law.; 30 September 2012](#)
- Overall deadline: 30 September 2012 at the latest, to adopt and publish all the laws, regulations and administrative provisions.

	<u>Action</u>	<u>Deadline</u>	<u>Status</u>
1.	<a href="#">Drafting the Administrative instruction for Creation of Independent control systems for energy performance certificates and inspection reports based in the EE law.</a>	<a href="#">30 September 2012</a>	<a href="#">Its foreseen</a>

**V. Information and penalties**

▪ **Article 20: Information**

**Actions required:**

1. Contracting Parties shall take the necessary measures to inform the owners or tenants of buildings or building units of the different methods and practices that serve to enhance energy performance.
2. Contracting Parties shall in particular provide information to the owners or tenants of buildings on energy performance certificates and inspection reports, their purpose and objectives, on cost-effective ways to improve the energy performance of the building and, where appropriate, on financial instruments available to improve the energy performance of the building.

At the request of the Contracting Parties, the Secretariat shall assist Contracting Parties in staging information campaigns for the purposes of paragraph 1 and the first subparagraph of this paragraph.

3. Contracting Parties shall ensure that guidance and training are made available for those responsible for implementing this Directive. Such guidance and training shall address the importance of improving energy performance, and shall enable consideration of the optimal combination of improvements in energy efficiency, use of energy from renewable sources and use of district heating and cooling when planning, designing, building and renovating industrial or residential areas.

Note: Contracting Parties are under recast Directive required to provide information to building owners or tenants on EPBD implementation, especially on energy performance certificates and the inspection of heating and air-conditioning systems. Therefore, comprehensive information campaigns shall be initiated by Contracting Parties.

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:
- Responsible institution(s): [Ministry of Economic Development](#)
- Intermediate milestones (planned actions and date):
- [Commence a public awareness campaign on EE measures; December 2011](#)
- [Providing long term training programme to municipality staff regarding municipal energy planning that will detail the certification of public buildings; 30 September 2012](#)
- Overall deadline: 30 September 2012 at the latest, to adopt and publish all the laws, regulations and administrative provisions.

	Action	Deadline	Status
1.	<a href="#">Develop and adopt a long term Communications Strategy for EE measures, including buildings</a>	<a href="#">30 June 2010</a>	<a href="#">Completed</a>
2.	<a href="#">Commence a public awareness campaign on EE measures</a>	<a href="#">31 December 2010 (first phase) to continue during 2011</a>	<a href="#">Current project covers 2010, and for 2011 the financial sources is are needed to be secured</a>
3.	<a href="#">Providing long term training programme to municipality staff regarding municipal energy planning that will detail the certification of public buildings</a>	<a href="#">30 September 2012</a>	<a href="#">With EU assistance are provided several session for Auditing trainers , energy auditors and for municipalities energy planning</a> <a href="#">On going</a>

▪ **Article 21: Consultation**

**Actions required:**

In order to facilitate the effective implementation of the Directive, Contracting Parties shall consult the stakeholders involved, including local and regional authorities, in accordance with the national legislation applicable and as relevant. Such consultation is of particular importance for the application of Articles 9 and 20.

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:
- Responsible institution(s): [Ministry of Economic Development](#)

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- Intermediate milestones (planned actions and date): Drafting the relevant act in order to set the procedures for consulting purpose ; 30 June 2012
- Overall deadline: 30 September 2012 at the latest, to adopt and publish all the laws, regulations and administrative provisions.

	Action	Deadline	Status
1.	<u>Drafting the relevant act in order to set the procedures for consulting purpose</u>	<u>30 June 2012</u>	<u>It is foreseen</u>

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Article 27: Penalties

**Actions required**

Contracting Parties shall lay down the rules on penalties applicable to infringements of the national provisions adopted pursuant to this Directive and shall take all measures necessary to ensure that they are implemented. The penalties provided for must be effective, proportionate and dissuasive. Contracting Parties shall communicate those provisions to the Secretariat by 31 March 2013 at the latest and shall notify it without delay of any subsequent amendment affecting them.

*Note: This is a new article imposed by the EPBD recast. Contracting Parties must introduce penalties for non-compliance and communicate those provisions to the Secretariat.*

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action: Administrative instruction no.09/2008 on energy audits
- Responsible institution(s): Ministry of Environment and Spatial Planning, Ministry of Economic Development
- Intermediate milestones (planned actions and date): Develop procedures regarding to the Penalties Overall deadline: 30 September 2012 at the latest, to adopt and publish all the laws, regulations and administrative provisions. Contracting Parties shall communicate those provisions to the Secretariat by 31 March 2013.

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	Action	Deadline	Status
1.	<u>Develop procedures regarding to the Penalties</u>	<u>30 September 2012</u>	<u>Completed</u>

## CHAPTER 3 - DIRECTIVE 2010/30/EU ON LABELING OF ENERGY- RELATED PRODUCTS

The main purpose of the recast Energy Labelling Directive 2010/30/EU is to establish a framework for the harmonisation of national measures on end-user information, particularly by means of labelling and standard product information, on the consumption of energy and where relevant of other essential resources during use, and supplementary information concerning energy-related products, thereby allowing end-users to choose more efficient products.

Directive extends the scope, which was previously restricted only to household appliances, to the all energy-related products. It also introduces new provisions relating to public procurement and incentives.

With regard to transposition deadlines, in accordance with Ministerial Council Decision No 2010/02/MC-EnC<sup>3</sup>, Contracting Parties shall bring into force, by 31 December 2011 at the latest, the laws, regulations and administrative provisions necessary to comply with this Directive. They shall apply those provisions from 31 December 2011.

### I. Scope and definitions

#### ▪ Article 1: Scope

##### **Actions required:**

1. Extending the scope in accordance with Article 1 of application to energy-related products which have a significant direct or indirect impact on the consumption of energy and, where relevant, on other essential resources during use.
2. Stipulate exemptions for which the Directive is not applicable, in accordance with Article 1(3).

*Note: "Energy-related product" is defined as any good having an impact on energy consumption during use, which is placed on the market and/or put into service in the Energy Community, including parts intended to be incorporated into energy-related products covered by this Directive which are placed on the market and/or put into service as individual parts for end-users and of which the environmental performance can be assessed independently.*

##### **Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:
- Responsible institution(s): **MEM, MTI**
- Intermediate milestones (planned actions and date): Administrative instruction is going to be updated based in the article 1 of the directives
- Overall deadline: 31 December 2011 at the latest, to adopt and apply all the laws, regulations and administrative provisions.

	Action	Deadline	Status
1.	Administrative Instruction for Labeling of Electric Household Appliance-	31 December 2011	

<sup>3</sup> <http://www.energy-community.org/pls/portal/docs/724184.PDF>

▪ **Article 2: Definitions**

**Actions required**

Introduction of definitions (i.e. energy-related product, fiche, other essential resources, supplementary information, dealer, supplier, unauthorized use of the label etc.) for proper implementation of the framework Directive and implementing Directives.

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:
- Responsible institution(s): **MEM, MTI**
- Intermediate milestones (planned actions and date): Administrative Instruction for Labeling of Electric Household Appliance
- Overall deadline: 31 December 2011 at the latest, to adopt and apply all the laws, regulations and administrative provisions.

	Action	Deadline	Status
1.	Administrative Instruction for Labeling of Electric Household Appliance	31 December 2011	<u>Completed</u>

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**II. Establishing the framework**

▪ **Article 3: Responsibilities of Contracting Parties**

**Actions required:**

1. Contracting Parties shall ensure that:
  - (a) all suppliers and dealers established in their territory fulfil the obligations laid down in Articles 5 and 6;
  - (b) with respect to products covered by this Directive, the display of other labels, marks, symbols or inscriptions which do not comply with the requirements of this Directive and of the relevant delegated acts is prohibited, if such display is likely to mislead or confuse end-users with respect to the consumption of energy or, where relevant, other essential resources during use;
  - (c) the introduction of the system of labels and fiches concerning energy consumption or conservation is accompanied by educational and promotional information campaigns aimed at promoting energy efficiency and more responsible use of energy by end-users;
  - d) appropriate measures are taken in order to encourage the relevant national or regional authorities responsible for implementing this Directive to cooperate and provide each other and the Secretariat with information in order to assist the application of this Directive.
2. Where a Contracting Party ascertains that a product does not comply with all the relevant requirements set out in this Directive and its delegated acts for the label and the fiche, the supplier shall be obliged to make the product compliant with those requirements under effective and proportionate conditions imposed by the Contracting Party.

Where there is sufficient evidence that a product may be non-compliant, the Contracting Party concerned shall take the necessary preventive measures and measures aimed at ensuring compliance within a precise time-frame, taking into account the damage caused.

Where non-compliance continues, the Contracting Party concerned shall take a decision restricting or prohibiting the placing on the market and/or putting into service of the product in question or ensuring that it is withdrawn from the market. In cases of withdrawal of the product from the market or prohibition on placing the product on the market, the Secretariat and the other Contracting Parties shall be immediately informed.

3. Every four years, the Contracting Parties shall submit a report to the Secretariat including details about their enforcement activities and the level of compliance in their territory.

The Secretariat may specify the details of the common content of these reports, through the setting of guidelines.

Note: recast Directive in Article 3 introduces new provisions for compliance checking. Enforcement is strengthened and co-operation and exchange of information between Contracting Parties are included.

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:
- Responsible institution(s): [Ministry of Economic Development; Ministry of Trade and Industry](#)
- Intermediate milestones (planned actions and date):
- [Public Awareness Campaign including information on appliance labelling using TV/radio spots, websites, brochures and billboards](#)
- [Developing of the methodologies for monitoring and evaluation of EE measures](#)
- Overall deadline: 31 December 2011 at the latest, to adopt and apply all the laws, regulations and administrative provisions.

	Action	Deadline	Status
1.	<a href="#">Public Awareness Campaign including information on appliance labeling using TV/radio spots, websites, brochures and billboards</a>	31.12.2011	<a href="#">On going</a>
2.	<a href="#">Developing of the methodologies for monitoring and evaluation of EE measures</a>	<a href="#">31.12.2011</a>	<a href="#">On going</a>

▪ **Article 4: Information requirements**

**Actions required:**

1. Contracting Parties shall ensure that:

- (a) information relating to the consumption of electric energy, other forms of energy and where relevant other essential resources during use, and supplementary information is, in accordance with delegated acts under this Directive, brought to the attention of end-users by means of a fiche and a label related to products offered for sale, hire, hire-purchase or displayed to end-users directly or indirectly by any means of distance selling, including the Internet;
- (b) the information referred to in point (a) is provided in respect of built-in or installed products only where required by the applicable delegated act;
- (c) any advertisement for a specific model of energy-related products covered by a delegated act under this Directive includes, where energy-related or price information is disclosed, a reference to the energy efficiency class of the product;
- (d) any technical promotional material concerning energy-related products which describes the specific technical parameters of a product, namely, technical manuals and manufacturers' brochures, whether printed or online, is provided to end-users with the necessary information regarding energy consumption or shall include a reference to the energy efficiency class of the product.

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:
- Responsible institution(s): [Ministry of Economic Development; Ministry of Trade and Industry](#)
- Intermediate milestones (planned actions and date): [Transposed by adminis. Instruct. 2008/10](#)
- Overall deadline: 31 December 2011 at the latest, to adopt and apply all the laws, regulations and administrative provisions.

	Action	Deadline	Status
1.	<a href="#">Article 4: Information requirements</a>	31.12.2011	<a href="#">Transposed by adminis. Instruct. 2008/10</a>

▪ **Article 5: Responsibilities of suppliers**

**Actions required:**

1. Contracting Parties shall ensure that:

- (a) suppliers placing on the market or putting into service products covered by a delegated act supply a label and a fiche in accordance with this Directive and the delegated act;
- (b) suppliers produce technical documentation which is sufficient to enable the accuracy of the information contained in the label and the fiche to be assessed. That technical documentation shall include:
  - (i) a general description of the product;
  - (ii) where relevant, the results of design calculations carried out;

(iii) test reports, where available, including those carried out by relevant notified organisations as defined under other Union legislation;

(iv) where values are used for similar models, the references allowing identification of those models.

(c) suppliers make the technical documentation available for inspection purposes for a period ending five years after the last product concerned was manufactured.

Suppliers make available an electronic version of the technical documentation on request to the market surveillance authorities of the Contracting Parties within 10 working days on receipt of a request by the competent authority of a Contracting Party;

(d) in respect of labelling and product information, suppliers provide the necessary labels free of charge to dealers.

Without prejudice to the suppliers' choice of system for delivery of labels, suppliers promptly deliver labels on request from dealers;

(e) in addition to the labels, suppliers provide a product fiche;

(f) suppliers include a product fiche in all product brochures. Where product brochures are not provided by the supplier, the supplier provides fiches with other literature provided with the product;

(g) suppliers are responsible for the accuracy of the labels and fiches that they supply;

(h) suppliers are considered to have given consent to the publication of the information provided on the label or in the fiche.

*Note: In Article 5, respective responsibilities for suppliers to properly display labels and provide fiches with products are clarified and a new provision is added under which the technical documentation shall be available electronically if requested by market surveillance authorities of the Contracting Parties.*

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action: [Responsibilities of suppliers regarding to point e, f, g, h](#)
  - Responsible institution(s): [Ministry of Economic Development; Ministry of Trade and Industry](#)
- Intermediate milestones (planned actions and date): [Responsibilities of suppliers regarding to point e, f, g, h are going to be transposed in the administr. Instruc. 2008/10](#)
- Overall deadline: 31 December 2011 at the latest, to adopt and apply all the laws, regulations and administrative provisions.

	Action	Deadline	Status
1.	<a href="#">Responsibilities of suppliers regarding to point e, f, g, h</a>	31.12.2011	<a href="#">Is planned to be transposed in the admin. Instructi. 2008/10.</a>

▪ **Article 6: Responsibilities of dealers**

**Actions required:**

1. Contracting Parties shall ensure that:

- (a) dealers display labels properly, in a visible and legible manner, and make the fiche available in the product brochure or other literature that accompanies products when sold to end-users;
- (b) whenever a product covered by a delegated act is displayed, dealers attach an appropriate label, in the clearly visible position specified in the applicable delegated act, and in the relevant language version.

*Note: In Article 6, the responsibilities for dealers to properly display labels and make fiche and other accompanying literature available are clarified.*

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:
- Responsible institution(s): [Ministry of Economic Development; Ministry of Trade and Industry](#)
- Intermediate milestones (planned actions and date): [Transposed in the Adm.Instr. 2008/10.](#)
- Overall deadline: 31 December 2011 at the latest, to adopt and apply all the laws, regulations and administrative provisions.

	Action	Deadline	Status
1.	<a href="#">Responsibilities of dealers</a>	31.12.2011	<a href="#">Transposed in the Adm.Instr. 2008/10</a>

▪ **Article 7: Distance selling and other forms of selling**

**Actions required:**

1. Where products are offered for sale, hire or hire-purchase by mail order, by catalogue, through the Internet, telemarketing or by any other means which imply that the potential end-user cannot be expected to see the product displayed, delegated acts shall make provision to ensure that potential end-users are provided with the information specified on the label for the product and in the fiche before buying the product. Delegated acts shall, where appropriate, specify the way in which the label or the fiche or the information specified on the label or in the fiche shall be displayed or provided to the potential end-user.

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:
- Responsible institution(s): [Ministry of Economic Development; Ministry of Trade and Industry](#)
- Intermediate milestones (planned actions and date): [Transposed in the Adm.Instr. 2008/10, article 5.](#)
- Overall deadline: 31 December 2011 at the latest, to adopt and apply all the laws, regulations and administrative provisions.

	Action	Deadline	Status
1.	<a href="#">Article 7 - Distance selling and other forms of</a>	31.12.2011	<a href="#">Transposed in the Adm.Instr.</a>

	selling		<a href="#">2008/10. artitel 5.</a>
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▪ **Article 8: Free movement**

**Actions required:**

1. Contracting Parties shall not prohibit, restrict or impede the placing on the market or putting into service, within their territories, of products which are covered by and comply with this Directive and the applicable delegated act.

2. Unless they have evidence to the contrary, Contracting Parties shall consider labels and fiches as complying with the provisions of this Directive and the delegated acts. Contracting Parties shall require suppliers to provide evidence within the meaning of Article 5 concerning the accuracy of the information supplied on their labels or fiches when they have reason to suspect that such information is incorrect.

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action: [Implementation of requirements for supplier to prove the accuracy of the label data](#)
- Responsible institution(s): [Ministry of Economic Development; Ministry of Trade and Industry](#)
- Intermediate milestones (planned actions and date): [Administrative instruction 2008/10 is going to be updated with article 8 of the directive 2010/30/EC](#)
- Overall deadline: 31 December 2011 at the latest, to adopt and apply all the laws, regulations and administrative provisions.

	Action	Deadline	Status
1.	<a href="#">Implementation of requirements for supplier to prove the accuracy of the label data</a>	<a href="#">31 December 2011</a>	<a href="#">Administrative instruction 2008/10 is going to be updated with article 8 of the directive 2010/30/EC</a>

▪ **Article 9: Public procurement and incentives**

**Actions required:**

1. Where a product is covered by a delegated act, contracting authorities which conclude public works shall endeavor to procure only such products which comply with the criteria of having the highest performance levels and belonging to the highest energy efficiency class. Contracting Parties may also require the contracting authorities to procure only products fulfilling those criteria. Contracting Parties may make the application of those criteria subject to cost-effectiveness, economical feasibility and technical suitability and sufficient competition.

2. Where Contracting Parties provide any incentives for a product covered by a delegated act they shall aim at the highest performance levels including the highest class of energy efficiency laid down in the applicable delegated act. Taxation and fiscal measures do not constitute incentives for the purpose of this Directive.

3. Where Contracting Parties provide incentives for products, both for end-users using highly efficient products and for industries which promote and produce such products, they shall express the performance levels in terms of classes as defined in the applicable delegated act, except where they impose higher performance levels than the threshold for the highest energy efficiency class in the delegated act. Contracting Parties may impose higher performance levels than the threshold for the highest energy efficiency class in the delegated act.

*Note: Provisions on public procurement and incentives related to the uptake of energy performing products are introduced by the recast Directive.*

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action: [Public Procurement Law. Article 52. Paragraph. 4.1 and 4.2](#)
- Responsible institution(s): MEM, MEF
- Intermediate milestones (planned actions and date):
- [Two EE measures need to be transposed in the Public procurement law: 31 December 2011](#)
- Overall deadline: 31 December 2011 at the latest, to adopt and apply all the laws, regulations and administrative provisions.

	Action	Deadline	Status
1.	<a href="#">Two EE measures need to be transposed in the Public procurement law.</a>	<a href="#">31 December 2011</a>	<a href="#">Completed</a>

▪ **Article 15: Penalties**

**Actions required:**

Contracting Parties shall lay down the rules on penalties applicable to infringements of the national provisions adopted pursuant to this Directive and its delegated acts, including unauthorised use of the label, and shall take the necessary measures to ensure that they are implemented. The penalties provided for shall be effective, proportionate and dissuasive. The Contracting Parties shall notify these provisions to the Secretariat by 31 December 2011 and shall notify the Secretariat without delay of any subsequent amendment affecting those provisions.

*Note: This is a new article imposed by the recast Directive. Contracting Parties must introduce penalties for non-compliance and communicate those provisions to the Secretariat.*

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:

- Responsible institution(s): Ministry of Economic Development; Ministry of Trade and Industry
- Intermediate milestones (planned actions and date): Transposed by Administrative Instruction no. 10/2008 on Labeling of Electric household appliances; article 11
- Overall deadline: 31 December 2011 at the latest, to adopt and apply all the laws, regulations and administrative provisions. Contracting Parties shall communicate those provisions to the Secretariat by 31 December 2011.

	Action	Deadline	Status
1.	<u>Administrative Instruction no. 10/2008 on Labeling of Electric household appliances</u>	31 December 2011	<u>Transposed</u>

### III. Implementing Directives/Delegated Acts

*Note: Details related to the label and the fiche are defined by the “old” Implementing Directives relating to each type of appliance. Future labelling will be based on “new” Delegated Acts, pursuant to recast Framework Directive.*

*In accordance with Ministerial Council Decision No. 2010/02/MC-EnC<sup>4</sup> of 24 September 2010, Contracting Parties currently need to transpose the recast framework Directive 2010/30/EU and also the implementing Directives which are mentioned in the Decision’s Article 2.*

*However, in Decision is further stated that new delegated acts will be on the agenda of the next Ministerial Council meeting and if, at that meeting, the Ministerial Council has not objected to the delegated act, it shall become binding on the Contracting Parties, subject to possible adaptation. Hence, ECS recommendation is to put in new legislative act possibility to add new products for labeling in the future, when they become obligatory.*

#### **Actions required:**

1. In accordance with Art. 2(4) of the Decision No. 2010/02/MC-EnC on the implementation of certain Directives on Energy Efficiency, Each Contracting Party shall prepare a label design based on the template annexed to the respective Implementing Directives and translated into the official languages. The label design shall be submitted to the Permanent High Level Group not later than 31 December 2010 for adoption.

*Note: New Ministerial Council Decision extended the deadline for this activity from June 2010 to 31 December 2010. However, deadline expired and Contracting Parties should report shortly on the status of action. Planned actions should be reported by the Contracting Parties who didn’t submit the translated label design.*

#### **Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:

<sup>4</sup> <http://www.energy-community.org/pls/portal/docs/724184.PDF>

- Responsible institution(s): [Ministry for Economic Development; Ministry of Trade and Industry](#)

Intermediate milestones (planned actions and date): [Transposed by Administrative Instruction no. 10/2008 on Labeling of Electric household appliances and Technical regulation on the form and content of household appliance labels; date 30.06.2010; article 1 , 4](#)

- Deadline for implementation: 31 December 2010.

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	Action	Deadline	Status
1.	<a href="#">Administrative Instruction no. 10/2008 on Labeling of Electric household appliances</a> <a href="#">Technical regulation on the form and content of household appliance labels; date 30.06.2010</a>	31 December 2010	<a href="#">Transposed</a>

2. Implementation of Directive 94/2/EC with regard to energy labelling of household electric refrigerators, freezers and their combinations, as amended by Commission Directive 2003/66/EC.

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:
- Responsible institution(s): [Ministry for Economic Development; Ministry of Trade and Industry](#)
- Intermediate milestones (planned actions and date): [Transposed by Technical regulation on the form and content of household appliance labels; date 30.06.2010](#)
- Deadline for implementation: 31 December 2011.

	Action	Deadline	Status
1.	<a href="#">Technical regulation on the form and content of household appliance labels</a>	31 December 2011	<a href="#">Transposed</a>

3. Implementation of Directive 95/12/EC with regard to energy labelling of household washing machines, as amended by Commission Directive 96/89/EC.

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:
- Responsible institution(s): [Ministry for Economic Development; Ministry of Trade and Industry](#)
- Intermediate milestones (planned actions and date): [Transposed by Technical regulation on the form and content of household appliance labels; date 30.06.2010](#)

- Deadline for implementation: 31 December 2011.

	Action	Deadline	Status
1.	<a href="#"><u>Technical regulation on the form and content of household appliance labels</u></a>	31 December 2011	<a href="#"><u>Transposed</u></a>

4. Implementation of Directive 95/13/EC with regard to energy labelling of household electric tumble driers.

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:
- Responsible institution(s): [Ministry for Economic Development; Ministry of Trade and Industry](#)
- Intermediate milestones (planned actions and date): [Transposed by Technical regulation on the form and content of household appliance labels; date 30.06.2010](#)
- Deadline for implementation: 31 December 2011.

	Action	Deadline	Status
1.	<a href="#"><u>Technical regulation on the form and content of household appliance labels</u></a>	31 December 2011	<a href="#"><u>Transposed</u></a>

5. Implementation of Directive 96/60/EC with regard to energy labelling of household combined washer-driers.

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:
- Responsible institution(s): [Ministry for Economic Development; Ministry of Trade and Industry](#)
- Intermediate milestones (planned actions and date): [Transposed by Technical regulation on the form and content of household appliance labels; date 30.06.2010](#)
- Deadline for implementation: 31 December 2011.

	Action	Deadline	Status
1.	<u>Technical regulation on the form and content of household appliance labels</u>	31 December 2011	<u>Transposed</u>

6. Implementation of Directive 97/17/EC with regard to energy labelling of household dishwashers, as amended by Commission Directive 1999/9/EC.

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:
- Responsible institution(s): Ministry for Economic Development; Ministry of Trade and Industry
- Intermediate milestones (planned actions and date): Transposed by technical regulation on the form and content of household appliance labels; date 30.06.2010
- Deadline for implementation: 31 December 2011.

	Action	Deadline	Status
1.	<u>Transposed by technical regulation on the form and content of household appliance labels;</u>	31 December 2011	<u>Transposed</u>

7. Implementation of Directive 98/11/EC with regard to energy labelling of household lamps.

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:
- Responsible institution(s): Ministry for Economic Development; Ministry of Trade and Industry
- Intermediate milestones (planned actions and date): Transposed by technical regulation on the form and content of household appliance labels; date 30.06.2010
- Deadline for implementation: 31 December 2011.

	Action	Deadline	Status
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1.	<u>Technical regulation on the form and content of household appliance labels</u>	31 December 2011	<u>Transposed</u>
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8. Implementation of Directive 2002/31/EC with regard to energy labelling of household air-conditioners.

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:
- Responsible institution(s): Ministry for Economic Development; Ministry of Trade and Industry
- Intermediate milestones: Transposed by technical regulation on the form and content of household appliance labels; date 30.06.2010
- Deadline for implementation: 31 December 2011.

	Action	Deadline	Status
1.	<u>Technical regulation on the form and content of household appliance labels</u>	31 December 2011	<u>Transposed</u>

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9. Implementation of Directive 2002/40/EC with regard to energy labelling of household electric ovens.

**Implementation monitoring information (to be filled in by the Contracting Party):**

- Status of Action:
- Responsible institution(s): Ministry for Economic Development; Ministry of Trade and Industry
- Intermediate milestones Technical regulation on the form and content of household appliance labels
- Deadline for implementation: 31 December 2011.

	Action	Deadline	Status
1.	<u>Technical regulation on the form and content of household appliance</u>	31 December 2011	<u>Transposed</u>

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	<u>labels</u>		
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