

# **Transposing Energy Efficiency Directive 2012/27/EU**



**and its adaptation  
for the Energy Community**

## Structure of Directive 2007/12/EU (5 Chapters)

1. Subject, Scope, Definitions and EE Targets
2. Efficiency in Energy Use
3. Efficiency in Energy Supply
4. Horizontal Provisions
5. Final Provisions

## Repealed Directives from 5<sup>th</sup> June 2014

### 1. 2006/32/EC – on energy end-use efficiency and energy services (ESD)

**Exception:** Article 4 (1) to (4) and Annexes I, III and IV – related to Indicative energy saving targets of 9% and calculating methodology.

Article 4 and the annexes shall be repealed with effect from 1<sup>st</sup> January 2017.

### 2. 2004/8/EC – on the promotion of cogeneration (CHP)

# 1. Subject, Scope, Definitions and EE Targets

## EU Member States

### Energy efficiency targets (Article 3)

1. National Indicative **EE Target for 2020**
2. Calculation according to EU 20 % EE target by 2020
3. Cumulative energy consumption in EU – no more than 1474 Mtoe of primary energy, or 1078 Mtoe of final energy in 2020
4. Deadline: 30th April 2013 with the First Report on progress achieved.
5. The Commission assess progress by **30<sup>th</sup> June 2014**.

## EnC Contracting Parties

1. National indicative EE Target of final energy consumption of at least **20% by 2025**, and min. **30% by 2030**.
2. N/A in EnC Contracting Parties
3. N/A in EnC Contracting Parties
4. **Deadline: 31<sup>st</sup> December 2015**
5. Not defined in the Recommendation e.g. ECS assesses progress by **31 December 2016**

## 2. Efficiency in Energy Use - 2

### EU Member States

#### Exemplary role of public bodies' buildings (Article 5)

1. **3%** of the total floor area of buildings owned and occupied by central government is renovated each year to meet minimum EP requirements.
2. Implementation starts: **1<sup>st</sup> January 2014**.
3. Present threshold for building is 500 m<sup>2</sup>.
4. Threshold 250m<sup>2</sup> from **9<sup>th</sup> July 2015**.
5. Establish inventory of central government buildings by **31<sup>st</sup> December 2013**.

### EnC Contracting Parties

1. **2% i.e. 3%** respectively, of the total floor area have to be renovated each year in **two phases**.
  - 2a. Implementation of the first phase (2%): **30<sup>th</sup> June 2015 - 30<sup>th</sup> June 2019**.
  - 2b. Implementation of the second phase (3%): **30<sup>th</sup> June 2019 – 31<sup>st</sup> December 2030**.
3. Present threshold for building is 500 m<sup>2</sup>.
4. Threshold 250m<sup>2</sup> from 30th September 2015 according to D/2010/02/MC-EnC (EPBD)
5. Not defined in the Recommendation

## 2. Efficiency in Energy Use - 3

### EU Member States

#### Energy efficiency obligation schemes (Article 7)

1. Energy efficiency obligation schemes that ensure that energy distributors and/or retail energy sales companies achieve a cumulative energy savings targets.
2. Timeframe: **31<sup>st</sup> December 2020**.
3. Saving each year from **1<sup>st</sup> January 2014 to 31<sup>st</sup> December 2020** equivalent to achieving new savings of **1,5%** of the annual energy sales.
4. Reference period for calculation of savings: **1<sup>st</sup> January 2010-31<sup>st</sup> Dec. 2012** (MSs **can** deduct all or part of energy used in ETS installations).

### EnC Contracting Parties

1. - The same provision -
  - 2a. Timeframe: **31<sup>st</sup> December 2025**
  - 2b. **31<sup>st</sup> December 2030**
  - 3a. Savings each year from **1<sup>st</sup> January 2015 to 31<sup>st</sup> December 2025** equivalent to achieving new savings of **1%** of the annual energy sales.
  - 3b. Savings each year from **1<sup>st</sup> January 2025 to 31<sup>st</sup> December 2030** equivalent to achieving new savings of **1,5%**.
4. Reference period for calculation of savings: **1<sup>st</sup> January 2011 – 31<sup>st</sup> December 2013** (CPs **can not** deduct energy in ETS from the calculation).

## 3. Efficiency in Energy Supply - 1

### EU Member States

#### Promotion of efficiency in heating and cooling (Article 14)

1. A comprehensive assessment shall be done on the potential for the application of high-efficient cogeneration and efficient district heating and cooling.
2. Assessment carried out and the Commission notified by the MSs by **31<sup>st</sup> December 2015**.
3. MSs shall ensure that a cost-benefit analysis in accordance with Annex IX is carried out when after **5<sup>th</sup> June 2014**.
4. Threshold for total thermal input for: a new / an existing thermal electricity generation, industrial installation and a new district heating and cooling network is set to: **20 MW** (related to the ETS)

### EnC Contracting Parties

1. - The same provision –
2. Assessment carried out and the Secretariat notified by the CPs by **31<sup>st</sup> December 2016**.
3. CPs shall ensure that a cost-benefit analysis in accordance with Annex IX is carried out when after **31<sup>st</sup> Dec. 2015**.
4. -The same provision –  
but threshold set to **50 MW**

(threshold of 50 MW is in line with the Large Combustion Plants Directive)



**THANK YOU  
FOR YOUR ATTENTION!**

***Energy Community Secretariat***

***[www.energy-community.org](http://www.energy-community.org)***



## 2. Efficiency in Energy Use - 1

### EU Member States

#### Building renovation (Article 4)

1. Establish a long-term strategy for mobilising investments in the renovation of the national stock of residential and commercial buildings...
2. Deadline for submission:  
**30<sup>th</sup> April 2014**

### EnC Contracting Parties

1. - The same provision -
2. Deadline for submission:  
**30<sup>th</sup> June 2015**

## 4. Horizontal Provisions - 2

### EU Member States

#### Energy Efficiency National Fund, Financing and Technical Support (Article 20)

1. Without prejudice to **Articles 107 and 108 of the Treaty on the Functioning of the European Union**, **Member States shall** facilitate the establishment of financing facilities, or use of existing ones.....

### EnC Contracting Parties

1. Without prejudice to **Article 18 (1) paragraph c) of the Treaty establishing the Energy Community**, **Contracting Parties should** facilitate the establishment of financing facilities, or use of existing ones.....

## 3. Efficiency in Energy Supply - 2

### EU Member States

#### Energy transformation, transmission and distribution (Article 15)

1. Member States shall ensure by **30<sup>th</sup> June 2015**, that:
  - An assessment is undertaken of the EE potentials of their gas and electricity infrastructure
  - Concrete measures and investments are identified for cost effective EE improvements.

### EnC Contracting Parties

1. Contracting Parties should ensure by **31<sup>st</sup> December 2016**, that:
  - The same provisions –
  - The same provisions –

## 4. Horizontal Provisions - 1

### EU Member States

#### Availability of qualification, accreditation and certification schemes (Article 16)

1. Where national level of technical competences is insufficient **certification and/or accreditation schemes and/or qualification schemes and training programs** shall be available for:
  - providers of energy services
  - energy audits
  - energy managers
  - installers of energy related building elements
2. Deadline for such schemes to be in place:  
**31<sup>st</sup> December 2014**

### EnC Contracting Parties

1. - The same provision –
2. Deadline for such schemes to be in place:  
**30<sup>th</sup> June 2016**

## 2. Efficiency in Energy Use - 4

### EU Member States

#### Metering (Article 9)

1. In multi-apartment and multi-purpose buildings with a central heating/cooling source or supplied from a district heating network ... individual consumption meters shall be installed in order to measure the consumption for each unit where technically, feasible and cost-efficient.
2. Deadline: **31<sup>st</sup> December 2016**

### EnC Contracting Parties

1. - The same provision –
2. Deadline: **30<sup>th</sup> June 2018**

## 2. Efficiency in Energy Use - 5

### EU Member States

#### Billing information (Article 10)

1. When final customers do not have smart meters MSs shall ensure that billing information is accurate and based on actual consumption.....
2. Deadline: **31<sup>st</sup> December 2014**

### EnC Contracting Parties

1. - The same provision –
2. Deadline: **30<sup>th</sup> June 2016**

## 2. Efficiency in Energy Use - 6

### EU Member States

#### Penalties (Article 13)

1. MSs shall lay down the rules on penalties applicable in case of non compliance with the national provisions.
2. MSs shall notify those provisions to the Commission by **5<sup>th</sup> June 2014**.

### EnC Contracting Parties

1. CPs .... - The same provision –
2. CPs shall notify those provisions to the Secretariat by **31<sup>st</sup> December 2015**.