

# ESD implementation in Luxembourg

**In Luxembourg, implementation of the ESD is the responsibility of the Ministry of the Economy and Foreign Trade. The ESD transposition has been notified at the Commission by 2<sup>nd</sup> April 2009. All requirements of the ESD are in place.**

## Legal context

Different legal texts, already applicable, before the outcome of the ESD directive contain requirements of the ESD. These legal texts are the 'Electricity law' (« Loi modifiée du 1<sup>er</sup> août 2007 relative à l'organisation du marché de l'électricité »), the 'Gas law' (« Loi modifiée du 1<sup>er</sup> août 2007 relative à l'organisation du marché du gaz naturel »), the 'Statistic regulation' (« Loi du 9 juillet 1962 portant institution d'un service central de la statistique et des études économiques »), the 'Fund regulation' (« Règlement grand-ducal du 20 avril 2009 instituant un régime d'aides pour la promotion de l'utilisation rationnelle de l'énergie et la mise en valeur des énergies renouvelables »), and the 'Certification regulation' (« Règlement grand-ducal modifié du 10 février 1999 relatif à l'agrément pour des personnes physiques ou morales privées ou publiques, autres que l'Etat, pour l'accomplissement de tâches techniques d'étude et de contrôle dans le domaine de l'énergie »).

## Status of the implementation

Luxembourg has reached full implementation of the ESD requirements. Formal notification has been done by letter of 2<sup>nd</sup> April 2009 to the Commission.

<b>Directive</b>	<b>Implementation by</b>
Art. 4 paragraphs 1-3	Notification of NEEAP to commission by 4 <sup>th</sup> mars 2009
Art. 4 paragraph 4	Foundation of myenergy (national energy information and counsel organism)
Art 5	Notification of NEEAP to commission by 4 <sup>th</sup> mars 2009
Art. 6 paragraph 1 point a)	Electricity Law; Gas law; Statistic regulation
Art. 6 paragraph 2	Voluntary agreement with FEDIL (Busines Federation Luxembourg)
Art. 7 paragraphs 1-2	Foundation of myenergy (national energy information and counsel organism)
Art. 8	Agreement regulation

Directive	Implementation by
Art. 9 paragraph 2	Assignment of myenergy
Art.10 paragraph 1	Electricity law; Gas law
Art. 12	Agreement regulation
Art. 13 paragraphs 1-3	Electricity law; Gas law
Art. 14	Notification of NEAAP to commission by 4 <sup>th</sup> mars 2009

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## Additional efforts

### Funding mechanisms

Luxembourg installed different fund and funding mechanisms for energy efficiency in buildings (new energy efficient buildings, refurbishment of existing buildings, heating technologies,...).

A certain number of the municipalities have implemented funding mechanisms aligned on the governmental mechanisms for energy efficiency and the use of renewable energy sources.

### Information

For the supply of information concerning energy efficiency, the following actions have either been taken or are being planned and these also constitute an important element of the Luxembourg government's Climate Change Programme,

(1) Information and Advice structure: Better advice, growth in awareness and information

The Government has initiated the creation of myenergy, a central information, training and advice structure in the field of energy efficiency and renewables, Myenergy is developing a national information network in Luxembourg in collaboration with local authorities and energy advisory structure where information about energy efficiency and renewable energy is disseminated to different target groups. Participation at different exhibitions is programmed to inform citizens about energy relevant themes. The creation of a national "energy hotline" was a full success; plans to extend the offer are being elaborated. Myenergy created the myenergydays, which is a national exhibition dedicated to the refurbishment of buildings.

(2) Energy savings campaigns

- 2006: Awareness raising campaign as part of the European Climate Change Campaign;
- 2007: Information campaign on the subject of energy savings. The aim of this campaign was to raise awareness within the population of the need for climate protection and energy efficiency, to address the issue of important energy concerns.

The main communication channels were: TV, radio, newspapers, internet and local action.

This campaign was extended to schools in collaboration with the Ministry of National Education and Vocational Training.

(3) OekoTopten project

A homepage was introduced which gives users the opportunity to acquire information on energy-efficient electrical appliances.

(4) Awareness campaign for low-emission cars

In the run-up to the 2008 “Autofestival”, the former ministry of the Environment in conjunction with the “Fédération des Garagistes (Fegarlux)” and the “Association des distributeurs automobiles luxembourgeois (Adal)” has conducted an awareness campaign on low emission vehicles.

(5) Information campaigns on heat technology

Information campaigns have been running promoting the use of heat technologies based on renewable sources of energy (wood energy, heat pumps, solar thermal energy).

(6) Energy management

In collaboration with the “Centre de Ressources des Technologies pour l'Environnement (CRTE)”, the level of awareness and advice offered to SMEs is to be raised and this is also to focus on the energy audit as an instrument.

(7) Voluntary Agreements

The scheme has been reviewed in order to improve the existing system and to increase energy savings.

### **Program Public sector**

(1) New buildings:

The Government tries to play a pioneering role in new buildings, where the focus is to be on achieving the greatest possible energy efficiency. The planning of public buildings therefore involves developing an energy concept and the possibility of connecting to CHP plants and/or using renewables in the building is also appraised.

(2) Existing buildings

Luxembourg has launched an upgrading programme for public buildings. About 1 500 buildings are state-owned, 30% are outdated, from the 1970s when there was no talk of energy savings or good insulation. Around 30 million Euros have been made available for the gradual upgrading of old building stock involving energy measures. In the coming years, every building is to have its own energy balance sheet.

## **Future planning**

Luxembourg is preparing the second NEEAP, further steps will be chosen in the preparation process. In order to prepare the second NEAP, the conclusions of the first NEEAP will be taken into account. A first evaluation of the first NEEAP is underway.

Different plans exist to strengthen up construction requirements for houses and dwellings in order to improve energy efficiency in the building sector.

## **Relevant information**

Ministry of Economic Affairs and foreign Trade: [www.eco.public.lu](http://www.eco.public.lu)

Ministry of Sustainable development and Infrastructure: [www.mddi.public.lu/](http://www.mddi.public.lu/)

Myenergy: [www.myenergy.lu](http://www.myenergy.lu)

Oekotopten: [www.oekotopten.lu](http://www.oekotopten.lu)