

Title of the measure:	EU30 Energy Labelling Office Equipment (Energy Star)
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General description

In May 2001 was approved the Agreement between the Government of the United States of America and the European Community on the coordination of energy-efficient labelling programs for office equipment.

Energy Star is a label that helps consumers to identify office equipment products that save them money and help to protect the environment by saving energy (that meet or exceed energy-efficiency guidelines). The Agreement is managed by the US Environmental Protection Agency and the European Commission. Participation in the Energy Star programme is on a voluntary basis.

The programme was first introduced in 2001 for an initial period of five years and aims at fostering the energy efficiency of computers, monitors, copiers, printers and fax machines, which are responsible for approx. 5% of the EU's electricity consumption. The Regulation (EC) of the European Parliament and of the Council of 6 November 2001 establishes the rules for the Energy Star Program. The scope of this Agreement is the office equipment product groups (defined in Annex C of the Agreement): computer, monitor, printer, fax machine, and mailing machine specifications. The Energy Star programme is expected to account for electricity savings of about 10 TWh per year by the year 2015 in a very cost-effective way.

Its basic objectives are:

- firstly, to introduce in the Community the *Energy Star logo* as a sign or marking as defined in the Agreement with the United States
- secondly, to set the rules for its use and to prohibit its misuse and
- thirdly, to establish the general rules and procedures for the implementation in the Community of the provisions of the Agreement.

The European Community Energy Star Board (ECESB) (consisting of national representatives of each Member State) must set and review the technical specifications. Every year the ECESB shall draw up a report on the market penetration of products bearing the common logo and on the technology available for reducing energy consumption.

A new agreement between the Government of the United States of America and the European Community on the coordination of energy-efficient labelling programmes for office equipment was made in December 2006. These documents include the complete specifications for Computer Equipment, Monitors and Imaging Equipment. This agreement is based on the Council decision on 18 December 2006 concerning conclusion of the Agreement between the Government of the United States of America and the European Community on the coordination of energy-efficient labelling programmes for office equipment (2006/1005/EC).

The new European Energy Star Regulation is published under the Regulation (EC No 106/2008) and requires EU institutions and central Member State government authorities to use energy efficiency criteria no less demanding than those defined in the ENERGY STAR programme when purchasing office equipment.



As of 1 July 2006 the use of a new logo is required:



General Principles

The Energy Star program should be coordinated with other Community labelling or quality certification agreements as well as with other schemes such as Community eco-label award scheme, the clue by labelling and standard product information of the consumption of energy and other resources by household appliances mandated by Directive 92/75/EEC and measures implementing Directive 2005/32/EC. The common logo could be used the participants of the program on their particular office equipment products and on the related promotional material. Participation in the Energy star program is voluntary.

Other Voluntary Energy-efficiency Labelling Schemes with Energy Star

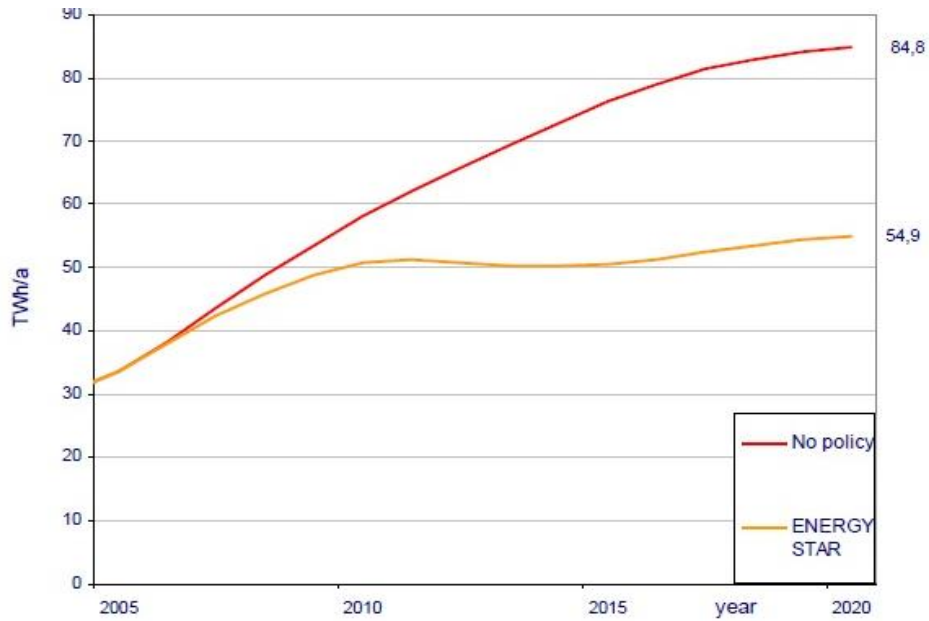
Regulation asserts that other existing and new voluntary energy-efficiency labelling schemes for office equipments in the member states could also co-exist with the Energy star programme.

Market Surveillance and control of abuse

Only the products covered by agreement should use the common logo which shall be in accordance with the common logo user guidelines defined in the agreement. Common Logo will be prohibited in case of misleading or false advertisement or use of any logo or label which lead to confusion with it.

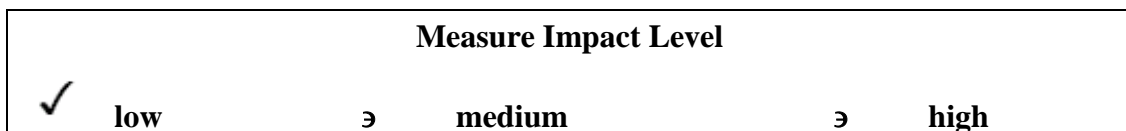
Impact evaluation (methods and results)

COM(2011) 0337 estimates that without Energy Star, the electricity consumption of new office equipment sold in the EU in last three years would have been approx. 67 TWh. Energy Star succeeded in reducing this consumption by about 11 TWh which is approximately 16%. This translates into more than EUR 1.8 bn savings and 3.7 Mt of avoided CO₂ emissions. Report also estimates that by 2020, Energy Star will succeed in reducing energy consumption of the installed base of computers, displays and imaging equipment in the EU by more than 30%.



Graph 1. Expected impact of ENERGY STAR on the electricity consumption of computers and displays by 2020

Ex-post evaluation	1995	2010		
CO ₂ (kt)		3.7 Mt		
Energy (TJ)		11 TWh		
Ex-ante evaluation	1995	2000	2015	
CO ₂ (kt)				
Energy (TWh)			10	



Definition of Impact:

Low: Impact below 0.1 % of overall energy (fuel/electricity) consumption or energy-related CO₂ emissions in the sector.

Medium: 0.1 to below 0.5 % of overall energy (fuel/electricity) consumption or energy-related CO₂ emissions in the sector.

High: 0.5 % upwards) of overall energy (fuel/electricity) consumption or energy-related CO₂ emissions in the sector.

Interaction of measures

References

- Council Decision of 14 May 2001/469/EC, O.J. No. L 172 of 26.06.2001
- Regulation (EC) of the European Parliament and of the Council of 6 November 2001 No. 2422/2001, O.J. No. L 332 of 15.12.2001)
- Meeting of the European Community Energy Star Board (ECESB) 24 may 2006
- Regulation on energy efficient labelling programme (EC) No 106/2008
<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2008:039:0001:0007:EN:PDF>
- COM(2006) 140 - <http://eur-lex.europa.eu/legal-content/EN/TXT/DOC/?uri=CELEX:52006DC0140&from=DE>
- COM(2011) 337 – Communication from the Commission on the implementation of the ENERGY STAR programme in the European Union in the period 2006-2010
<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=COM:2011:0337:FIN:EN:PDF>