Energy Star

Overview

logo	
website	www.energystar.gov
logo name	Energy Star
geografical scope	global
Internat. headquart.	U.S. Environmental Protection Agency (EPA)
European headquart.	k.a.
structure	k.a.
aim	The Energy Star specifies energy consumption during operation and standby for electrical appliances.
founding	The Energy Star is a US American sign. An EU Regulation also introduced the Energy Star for office equipment in the EU (Decision 2009/489 EC, EC Regulation 106/2008).
particularity	Strength: as a marketing measure for electrical appliances worldwide valid, even in countries that do not have the high energy requirements of the EU, raises the issue of energy saving awareness. Weaknesses: the criteria are weak for the EU, with its already high legal requirements, and are automatically met by the majority of the elektrical equipment produced here.
certificate types	one singular label for various product groups
standards	Various standards depending on the product group. These differ in countries worldwide. The Energy Star products in USA are considered e.g. for electrical appliances, building materials, public / commercial buildings or residential buildings and are therefore very diverse. In Europe, v. a. Electrical appliances the brand, the standards here are rather uniform and in any case meet the requirements of the European Ecodesign Directive, but in some cases do not go beyond that.
criteria	To obtain the label, the manufacturer must make a self-commitment. The label is applied for voluntarily. The Energy Star can be used by any manufacturer who believes that their device meets this standard. A notification to the EPO or, in the case of office and computer equipment in the EU, a communication to the EU Commission is sufficient. There is „no verification by sign holder" (Federal Office of Economics and Export Control in the leaflet energy labels for computers, as of 04.02.2015).
decision making	no information on website
certification	product certificates are awarded by independend certifcationb bodies
costs	unkown

Product groups

Product groups	The Energy Star products in the United States are very diverse in electrical appliances, building materials, public / commercial buildings or residential buildings. In Europe, so far mainly electrical appliances have been the brand. In Europe, there are the Energy Star products so far mainly for computers (s.u.). Product list in the EU (https://www.eu-energystar.org/db-currentlists.htm, 2018): (1) Computers (6.1 incl. Desktops Thin Clinets, Notebooks, Portables, etc.): 5,941 products, about 50 manufacturers. (2) Imaging Equipment (2.0): about 3,264 prod., about 38 manuf. (3) Displays (6.0): 2.251 prod., about 39 manuf.. (4) Unint. Power Supplies (1.0): 405 Products, 9 Manufactures .. (5) Servers (2.0): 204 Prod., Approx. 17 Manuf.

Requirements for tenderers - selected aspects

remarks	Although the Energy Star is extremely complex in standard but simple in implementation (self-declaration) and is not externally monitored, in Europe (!) It is unlikely that it will achieve significant environmental improvements compared to the state of the art. In any case, the contracting authorities should always include or take into account the state of the art. In terms of sustainability, the better values for the energy consumption of the appliances should be taken into account in the call for tenders