



## Energy Efficiency Directive

National Energy Efficiency Action Plans and Annual Reports (</energy/en/topics/energy-efficiency/energy-efficiency-directive/national-energy-efficiency-action-plans>)

EU country plans showing how they intend to meet their energy efficiency targets.

Buildings under the EED (</energy/en/topics/energy-efficiency-directive/buildings-under-eed>)

EU countries' national building renovation strategies and measures for improving energy efficiency in public buildings.

Obligation schemes and alternative measures (</energy/en/topics/energy-efficiency-directive/obligation-schemes-and-alternative-measures>)

Energy efficiency obligation schemes or alternative measures to reduce energy consumption by final consumers.



### Overview

The 2012 Energy Efficiency Directive (<http://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1399375464230&uri=CELEX:32012L0027>) establishes a set of binding measures to help the EU reach its 20% energy efficiency target by 2020. Under the Directive, all EU countries are required to use energy more efficiently at all stages of the energy chain from its production to its final consumption.

EU countries were required to transpose the Directive's provisions into their national laws by 5 June 2014.

### Specific measures and policies

New national measures have to ensure major energy savings for consumers and industry alike. For example:

- energy distributors or retail energy sales companies have to achieve 1.5% energy savings per year through the implementation of energy efficiency measures
- EU countries can opt to achieve the same level of savings through other means such as improving the efficiency of heating systems, installing double glazed windows or insulating roofs
- the public sector in EU countries should purchase energy efficient buildings, products and services
- every year, EU governments will carry out energy efficient renovations on at least 3% of the buildings they own and occupy by floor area
- empowering energy consumers to better manage consumption. This includes easy and free access to data on consumption through individual metering
- national incentives for SMEs to undergo energy audits
- large companies will make audits of their energy consumption to help them identify ways to reduce it
- monitoring efficiency levels in new energy generation capacities

### Guidance notes

To help officials in EU countries implement the Energy Efficiency Directive (<http://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1399375464230&uri=CELEX:32012L0027>), the European Commission publishes guidance notes.

Implementing the Energy Efficiency Directive – Commission Guidance [COM(2013) 762] (<http://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1399375279076&uri=CELEX:52013DC0762>)

Article 5: Exemplary role of public bodies' buildings [SWD(2013) 445] (<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:52013SC0445:EN:NOT>)

Article 6: Purchasing by public bodies [SWD(2013) 446] (<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:52013SC0446:EN:NOT>)

Article 7: Energy efficiency obligation schemes [SWD(2013) 451] (<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do>)

uri=CELEX:52013SC0451:EN:NOT)

Article 8: Energy audits and energy management systems [SWD(2013) 447] (<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:52013SC0447:EN:NOT>)

uri=CELEX:52013SC0447:EN:NOT)

Articles 9-11: Metering; billing information; cost of access to metering and billing information [SWD(2013) 448] (<http://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1416394987283&uri=SWD:2013:448:FIN>)

Article 14: Promotion of efficiency in heating and cooling [SWD(2013) 449] (<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:52013SC0449:EN:NOT>)

uri=CELEX:52013SC0449:EN:NOT)

Article 15: Energy transformation, transmission and distribution [SWD(2013) 450] (<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:52013SC0450:EN:NOT>)

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All official EU languages are available (<https://circabc.europa.eu/faces/jsp/extension/wai/navigation/container.jsp>)

## National energy efficiency targets

To reach the EU's 20% energy efficiency target by 2020, individual EU countries have set their own indicative national energy efficiency targets. Depending on country preferences, these targets can be based on primary or final energy consumption, primary or final energy savings, or energy intensity.

**EU Member State**

Absolute level of energy consumption in 2020 [Mtoe] as notified from Member States in 2013, in the NEEAP 2014 or in a separate notification to the European Commission in 2015

Primary energy consumption      Final energy consumption


|                       |      |      |
|-----------------------|------|------|
| <b>Austria</b>        | 31.5 | 25.1 |
| <b>Belgium</b>        | 43.7 | 32.5 |
| <b>Bulgaria</b>       | 16.9 | 8.6  |
| <b>Croatia</b>        | 11.5 | 7.0  |
| <b>Cyprus</b>         | 2.2  | 1.8  |
| <b>Czech Republic</b> | 39.6 | 25.3 |
| <b>Denmark</b>        | 17.8 | 14.8 |
| <b>Estonia</b>        | 6.5  | 2.8  |
| <b>Finland</b>        | 35.9 | 26.7 |

|                    |       |       |
|--------------------|-------|-------|
| <b>France</b>      | 219.9 | 131.4 |
| <b>Germany</b>     | 276.6 | 194.3 |
| <b>Greece</b>      | 24.7  | 18.4  |
| <b>Hungary</b>     | 24.1  | 14.4  |
| <b>Ireland</b>     | 13.9  | 11.7  |
| <b>Italy</b>       | 158.0 | 124.0 |
| <b>Latvia</b>      | 5.4   | 4.5   |
| <b>Lithuania</b>   | 6.5   | 4.3   |
| <b>Luxembourg</b>  | 4.5   | 4.2   |
| <b>Malta</b>       | 0.7   | 0.5   |
| <b>Netherlands</b> | 60.7  | 52.2  |
| <b>Poland</b>      | 96.4  | 71.6  |
| <b>Portugal</b>    | 22.5  | 17.4  |
| <b>Romania</b>     | 43.0  | 30.3  |
| <b>Slovakia</b>    | 16.4  | 9.0   |
| <b>Slovenia</b>    | 7.3   | 5.1   |
| <b>Spain</b>       | 119.8 | 80.1  |




|                                       |        |        |
|---------------------------------------|--------|--------|
| <b>Sweden</b>                         | 43.4   | 30.3   |
| <b>United Kingdom</b>                 | 177.6  | 129.2  |
| <b>Sum of indicative targets EU28</b> | 1526.9 | 1077.5 |
| <b>EU28 target 2020</b>               | 1483   | 1086   |

Status: 07/10/2015

Evolution of indicative national energy efficiency target for 2020

([http://ec.europa.eu/energy/sites/ener/files/documents/Article%203%20EED\\_Indicative%20national%20energy%20efficiency%20targets%202020%20%28October%202015%29.pdf](http://ec.europa.eu/energy/sites/ener/files/documents/Article%203%20EED_Indicative%20national%20energy%20efficiency%20targets%202020%20%28October%202015%29.pdf)) 

## Related documents

- › Proposal for a Directive on energy efficiency [COM/2011/370] (<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:52011PC0370:EN:NOT>)
- › Impact Assessment [SEC/2011/779] ([/energy/sites/ener/files/documents/sec\\_2011\\_0779\\_impact\\_assessment.pdf](/energy/sites/ener/files/documents/sec_2011_0779_impact_assessment.pdf)) 
- › Annexes ([/energy/sites/ener/files/documents/sec\\_2011\\_0779\\_ia\\_annexes.pdf](/energy/sites/ener/files/documents/sec_2011_0779_ia_annexes.pdf)) 
- › Executive Summary of the Impact Assessment [SEC/2011/780] (<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:52011SC0780:EN:NOT>)
- › Non-paper on the Energy Efficiency Directive ([/energy/sites/ener/files/documents/20120424\\_energy\\_council\\_non\\_paper\\_efficiency\\_en.pdf](/energy/sites/ener/files/documents/20120424_energy_council_non_paper_efficiency_en.pdf)) 

## Related legislation

Energy Efficiency Directive (2012/27/EU) (<http://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1399375464230&uri=CELEX%3A32012L0027>)

Council Directive adapting Energy Efficiency Directive by reason of the accession of the Republic of Croatia (2013/12/EU) (<http://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1401123363192&uri=CELEX%3A32013L0012>)

Energy Services Directive (2006/32/EC) – repealed by Energy Efficiency Directive (<http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX%3A32006L0032>)

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