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| --- | --- |
| **Otsikko** | Energia direktiivit |
| **Kesto (viikkoina)** | 6 |
| **Aloitus / lopetus viikko** | 10 / 15 |
| **Keskeiset käsitteet ja ongelmat** | EU Energia direktiivit |
|  | Tarjota tietoa EU energiaan liittyvistä direktiiveistä kaikissa jäsenmaissa |
| **Käyttötarkoitus** | Oppijat:   * Osaavat soveltaa energia direktiivien käyttöä kentällä energian käytössä |
| **Oppimistulokset** | **Presentaation kalvot:**  [Energy Directives](https://www.dropbox.com/home/EPOQUE%20project/epoque_o5/Course%20IV/Module%202?preview=%5B4.2.001%5D+O5_EnMS_CourseIV_Module2_Topic1.pptx) provided in online format  **Dokumentit:**   * [Directive 2012/27/EU of the European Parliament and of the Council of 25 October 2012 on energy efficiency, amending Directives 2009/125/EC and 2010/30/EU and repealing Directives 2004/8/EC and 2006/32/EC Text with EEA relevance](http://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1399375464230&uri=CELEX:32012L0027) * [Directive 2010/31/EU of the European Parliament and of the Council of 19 May 2010 on the energy performance of buildings.](http://eur-lex.europa.eu/legal-content/EN/ALL/;ELX_SESSIONID=FZMjThLLzfxmmMCQGp2Y1s2d3TjwtD8QS3pqdkhXZbwqGwlgY9KN!2064651424?uri=CELEX:32010L0031) * [Directive 2010/30/EU of the European Parliament and of the Council of 19 May 2010 on the indication by labelling and standard product information of the consumption of energy and other resources by energy-related products.](http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32010L0030) * [DIRECTIVE 2009/125/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 21 October 2009 establishing a framework for the setting of ecodesign requirements for energy-related products (recast)](http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2009:285:0010:0035:en:PDF) * [Directive 2009/28/EC of the European Parliament and of the Council of 23 April 2009 on the promotion of the use of energy from renewable sources and amending and subsequently repealing Directives 2001/77/EC and 2003/30/EC](http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32009L0028) |
| **Perusoppimateriaali** | **Dokumentti:**   * [A Guide to the Energy Efficiency Directive; Conseil Européen des Professions Immobilières (CEPI), August 2013](https://www.dropbox.com/home/EPOQUE%20project/epoque_o5/Course%20IV/Module%202?preview=%5B4.2.007%5D+A+Guide+to+the+Energy+Efficiency+Directive.pdf) * [Understanding the Energy Efficiency Directive - Steering through the maze #6; European Council for an Energy Efficient Economy (eceee), December 2013](https://www.dropbox.com/home/EPOQUE%20project/epoque_o5/Course%20IV/Module%202?preview=%5B4.2.008%5D+eceee_Maze_guide%236-EED.pdf) * [EU Energy Efficiency Directive (2012/27/EU) Guidebook for Strong Implementation; The Coalition for Energy Savings, 2013](https://www.dropbox.com/home/EPOQUE%20project/epoque_o5/Course%20IV/Module%202?preview=%5B4.2.009%5D+EED.pdf) * [Implementing the Energy Performance of Buildings Directive (EPBD); funded by IEE program under the contract IEE/CA/07/333, April 2011](https://www.dropbox.com/home/EPOQUE%20project/epoque_o5/Course%20IV/Module%202?preview=%5B4.2.010%5D+CA_Book_Implementing_the_EPBD_Featuring_Country_Reports_2010.pdf) * [Energy Labelling legislation of household appliances, Feb 2015](https://www.dropbox.com/home/EPOQUE%20project/epoque_o5/Course%20IV/Module%202?preview=%5B4.2.011%5D+list_of_enegy_labelling_measures.pdf) * [Eco-design legislation for products; EC - March 2015](https://www.dropbox.com/home/EPOQUE%20project/epoque_o5/Course%20IV/Module%202?preview=%5B4.2.012%5D+list_of_ecodesign_measures.pdf)   **Internet – sivusto:**   * [Regulations, Directives and other acts](http://europa.eu/eu-law/decision-making/legal-acts/index_en.htm) * [Your map to the EU Energy Efficiency Directive](http://eedguidebook.energycoalition.eu/) * [BUILD UP – energy solutions for better buildings](http://www.buildup.eu/) * [Concerted Action EPBD](http://www.epbd-ca.eu/) * [Energy Label Evaluation project: Evaluation of the energy labelling directive and specific aspects of the eco-design directive](http://www.energylabelevaluation.eu/eu/home/) * [National reports on energy performance requirements](https://ec.europa.eu/energy/en/topics/energy-efficiency/buildings) * [Renewables support schemes](https://ec.europa.eu/energy/node/69) * [Implementing measures – Ecodesign and Energy labelling](http://ec.europa.eu/growth/single-market/european-standards/harmonised-standards/ecodesign/index_en.htm) * [Renewable energy progress reports](https://ec.europa.eu/energy/node/70) |
| **Muut oppimateriaalit** | [Introducing the Coolproducts for a cool planet campaign](https://www.youtube.com/watch?t=136&v=mI9-10lkXPw) |
| **Opetusvideo** |  |
| **Luettavaa** | Tehtävä #1, jossa oppijoita pyydetään kirjoittamaan raportti keskeisten mittareiden käyttöönoton statuksesta 2012 Energiatehokkuuden direktiivien mukaisesti jäsenmaissa.  Tehtävä #2 , jossa oppijoita pyydetään kirjoittamaan raportti uusiutuvan energian direktiivien mittareiden käyttöönotosta jäsenmaissa. |
| **Aktiviteetit** | Moduulin loppuessa oppijat:   * Ymmärtävät jokaisen direktiivin sovellutuksen |
| **Tarkistuslista** | Arviointi tehtävien kautta. |