**Portal DE Recursos em Energia SUSTENTÁVEL**

**1. Fundamentos e processos em energia**

* [Energy Transfer and Conversion Methods](http://ocw.mit.edu/courses/nuclear-engineering/22-081j-introduction-to-sustainable-energy-fall-2010/lectures-and-readings/MIT22_081JF10_lec03a.pdf) (MIT, 2010)
* [Energy Footprints](http://ocw.mit.edu/courses/nuclear-engineering/22-081j-introduction-to-sustainable-energy-fall-2010/lectures-and-readings/MIT22_081JF10_lec04a.pdf) (MIT, 2010)
* [Energy Units](http://www.aps.org/policy/reports/popa-reports/energy/units.cfm), definição e conversões (The American Physical Society)

**2. Future Outlooks**

* World [Outlook to 2035](http://www.bp.com/en/global/corporate/about-bp/energy-economics/energy-outlook/outlook-to-2035.html), BP Outlook 2014;
* World Energy Outlook 2014.pdf, International Energy Agency;
* 2014\_ETP2014SUM.pdf, Energy Technologies Perspectives, International Energy Agency;
* [EU ENERGY, TRANSPORT AND GHG EMISSIONS TRENDS TO 2050 REFERENCE SCENARIO 2013](http://ec.europa.eu/energy/sites/ener/files/documents/trends_to_2050_update_2013.pdf), European Commission;
* [Energy Roadmap 2050 scenarios](http://ec.europa.eu/energy/sites/ener/files/documents/sec_2011_1565_part2_0.pdf%22%20%5Ct%20%22_self), 2011 European Commission;
* PUTTING THE EU ON TRACK FOR 100% RENEWABLE ENERGY.pdf, WWF, 2013.

**3. Dados e Estatísticas de energia**

* [Estatísticas nacionais](http://www.dgeg.pt/):  Estatísticas e Preços para o sistema energético Português;
* [European Statistical Pocketbook 2014](http://ec.europa.eu/energy/sites/ener/files/documents/2014_pocketbook.pdf), European Commission;
* [Energy Statistics by European country 2014](http://ec.europa.eu/energy/sites/ener/files/documents/2014-country-factsheets.pdf), Dados detalhados de energia por Estado Membro no período 1990-2012, European Commission;
* [Gas & Electricity prices in EU-28](https://ec.europa.eu/energy/sites/ener/files/documents/20140122_communication_energy_prices_1.pdf), no periodo 2008 a 2012, European Commission ;
* [Statistical Review of World Energy 2014](http://www.bp.com/en/global/corporate/about-bp/energy-economics/statistical-review-of-world-energy.html), Annual BP Energy Outlook;
* 2013\_KeyWorld2013\_FINAL\_WEB.pdf, International Energy Agency.

**4. Política de Energia na Europa**

* [ENERGY UNION PACKAGE](http://ec.europa.eu/priorities/energy-union/docs/energyunion_en.pdf), A Framework Strategy for a Resilient Energy Union with a Forward-Looking Climate Change Policy
* Europen Union, [Energy Strategy](http://ec.europa.eu/energy/en/topics/energy-strategy), *Secure, competitive, and sustainable energy*: inclui objetivos e expectativas 2020, 2030 e 2050; a Estratégia de Segurança Energética para a Europa, e a as 5 prioridades da European Energy Union;
* European Union, [Renewable energy](http://ec.europa.eu/energy/en/topics/renewable-energy) *Moving towards a low carbon economy*: inclui a Diretiva das Renováveis, os Planos de Ação dos vários Estados Membros, objetivos para 2020 e 2030, e Guidance sobre mecanismos de promoção de renováveis;
* European Union, [Energy efficiency](http://ec.europa.eu/energy/en/topics/energy-efficiency), *Saving energy, saving money*: inclui a Diretiva da Eficiência Energética, eficiência energética de produtos, e o financiamento da eficiência energética.

 **5. Eficiência Energética**

* *2013\_WEC-Energy-Efficiency-Policies-report.pdf ,* World Energy Council, 2014;
* 2012\_IEA\_Energy\_EfficiencyMBenefits\_IEA2012.PDF International Energy Agency, 2012;
* [Energy-efficient Buildings: Heating and Cooling Equipment](http://www.iea.org/publications/freepublications/publication/technology-roadmap-energy-efficient-buildings-heating-and-cooling-equipment.html), International Energy Agency, 2011;
* [Energy-efficient Building Envelopes](http://www.iea.org/publications/freepublications/publication/technology-roadmap-energy-efficient-building-envelopes.html), International Energy Agency, 2013;

**6. Energias Renováveis**

* [Renewable energy in Europe — approximated recent growth and knock-on effects](http://www.eea.europa.eu/publications/renewable-energy-in-europe-approximated), European Environmental Agency, 2015
* 2013\_EU Ecofys\_renewable\_energy\_progress.pdf, Ecofys, 2013;
* [Technology Roadmap: Bioenergy for Heat and Power](http://www.iea.org/publications/freepublications/publication/technology-roadmap-bioenergy-for-heat-and-power-.html), International Energy Agency, 2012;
* [Technology Roadmap: Biofuels for Transport](http://www.iea.org/publications/freepublications/publication/technology-roadmap-biofuels-for-transport.html), International Energy Agency, 2011;
* [Technology Roadmap: Geothermal Heat and Power](http://www.iea.org/publications/freepublications/publication/technology-roadmap-geothermal-heat-and-power.html), International Energy Agency, 2011;
* [Technology Roadmap: Solar Photovoltaic Energy](http://www.iea.org/publications/freepublications/publication/technology-roadmap-solar-photovoltaic-energy---2014-edition.html) - 2014 edition, International Energy Agency, 2014;
* [Technology Roadmap: Solar Thermal Electricity](http://www.iea.org/publications/freepublications/publication/technology-roadmap-solar-thermal-electricity---2014-edition.html) - 2014 edition, International Energy Agency, 2014;
* [Technology Roadmap: Solar Heating and Cooling](http://www.iea.org/publications/freepublications/publication/technology-roadmap-solar-heating-and-cooling.html), International Energy Agency, 2012;
* [Technology Roadmap: Wind Energy](http://www.iea.org/publications/freepublications/publication/technology-roadmap-wind-energy---2013-edition.html) - 2013 edition, International Energy Agency, 2012;
* [Technology Roadmap: Smart Grids](http://www.iea.org/publications/freepublications/publication/technology-roadmap-smart-grids.html), International Energy Agency, 2011;
* [GLOBAL MARKET OUTLOOK for Photovoltaics 2014-2018](http://www.epia.org/fileadmin/user_upload/Publications/44_epia_gmo_report_ver_17_mr.pdf), European Photovoltaic Industry Association (EPIA);
* [SOLAR GIS](http://solargis.info/), Acesso online a dados de radiação solar e meteorológicos, software de simulação de sistemas PV.

**7. Transportes e Mobilidade**

* [Technology Roadmap: Electric and Plug-in Hybrid Electric Vehicles (EV/PHEV)](http://www.iea.org/publications/freepublications/publication/technology-roadmap-electric-and-plug-in-hybrid-electric-vehicles-evphev.html), International Energy Agency, 2009
* [Technology Roadmap: Fuel Economy of Road Vehicles](http://www.iea.org/publications/freepublications/publication/technology-roadmap-fuel-economy-of-road-vehicles.html), International Energy Agency, 2012
* [White Paper Roadmap to a Single European Transport Area](http://eur-lex.europa.eu/legal-content/PT/TXT/PDF/?uri=CELEX:52011DC0144&from=EN) – \_Towards a competitive and resource efficient transport system. COM(2011)144 final. European Commission. Brussels.