# Referències bibliogràfiques

## estudis sobre 100% renovables

A tall d’exemple es donen els enllaços a 10 estudis que avalen la factibilitat de funcionar amb energia procedent al 100% de fonts renovables. Per ordre cronològic:

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| Títol: | Catalunya 100% renovable: Propostes per a un futur lliure de nuclears i combustibles fòssils. |
| País: | Catalunya | Any: | Juliol 2005  |
| Institució: | GreenPeace + Ecologistes en Acció + EuroSolar |
| Enllaç: | <http://www.energiasostenible.org/mm/file/ES-ACat02_Cat100x100Ren_EAEurGP.pdf>  |
| Observ.: | Es tracta d’un document històric que explora la capacitat de generació renovable de Catalunya i arriba a la conclusió: *“amb una capacitat de generació renovable tan elevada, sembla obvi que existeixen moltes opcions per configurar un mix de generació 100% renovable capaç de cobrir la demanda dels serveis energètics de Catalunya”* |

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| Títol: | Energy System Analysis of 100 Per cent Renewable Energy Systems |
| País: | Dinamarca | Any: | 2007 |
| Institució: | Danish Association of Engineers & Aalborg University  |
| Enllaç: | <http://vbn.aau.dk/ws/files/38596501/Energy_System_Analysis_of_100_Per_cent_Renewable_Energy_Systems_The_Case_of_Denmark_year_2030_and_2050.pdf>  |
| Observ.: | Estudi tècnic amb propostes operatives i visió global. En l’abstrac, diu: “*This paper presents the methodology and results of the overall energy system analysis of a 100 per cent renewable energy system. The input for the systems is the result of a project of the Danish Association of Engineers, in which 1600 participants during more than 40 seminars discussed and designed a model for the future energy system of Denmark, putting emphasis on energy efficiency, CO2 reduction, and industrial development. …/… The conclusion is that* ***a 100 per cent renewable energy supply based on domestic resources is physically possible***.” Al mateix temps, tenint en compte la viabilitat sòcio-econòmica, avisa: “*the design of future 100 per cent renewable energy systems is a very complex process”*. |

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| Títol: | Re-thinking 2050; A 100% Renewable Energy Vision for the European Union. |
| País: | Europa | Any: | 2010 |
| Institució: | EREC European Renewable Energy Council (una mena de confederació europea d’organitzacions empresarials dedicades a les energies renovables). Seu a Brusel·les. |
| Enllaç: | <http://www.erec.org/fileadmin/erec_docs/Documents/Publications/ReThinking2050_full%20version_final.pdf>  |
| Observ.: | *The EREC report* ***RE-thinking 2050*** *sets out an ambitious vision for a 100% renewable energy system for the European Union.* Pel fet d’estar elaborat empreses dedicades a energies renovables podria ser qualificat de “parcial”. |

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| Títol: | Policies for a transition to 100% renewable energy systems in Denmark before 2050 |
| País: | Dinamarca | Any: | 2011 |
| Institució: | The Danish Council for Strategic Research & Aalborg University + 5 institucions més |
| Enllaç: | <http://www.ceesa.plan.aau.dk/digitalAssets/32/32604_ceesa_wp4_report_samlet_02112011.pdf>  |
| Observ.: | Es tracta d’una maduració del cas danès i entra de ple a analitzar els actors clau de la transició i a esbossar un full de ruta i les polítiques a ella associades. Remarca:*This change requires a new paradigm. It requires infrastructure that can manage intermittent renewable energy sources in such a way that energy is available at the right time and in the right amount for the consumers. The policy instruments include systems of taxes, subsidies, tariffs, and other economic conditions in order to obtain an optimal effect.*  |

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| Títol: | The Energy Report: 100% Renewable Energy by 2050 |
| País: | Global (consultors suïssos i holandesos) | Any: | 2011 |
| Institució: | WWF World Wide Fund for Nature+ Ecofys + Office for Metropolitan Architecture (OMA) |
| Enllaç: | <http://www.postcarbonpathways.net.au/transition-strategies/the-energy-report-100-renewable-energy-by-2050/#.VZaxE0bC-Jd>  |
| Observ.: | Estudia la possibilitat de 100%R a nivell global del món.*The report contains two parts: the first emphasises both the necessity and possibility of a world powered by 100 per cent renewable energy and raises a set of challenges that need to be addressed to realise the transition to that scenario. These challenges fall into categories of: energy conservation, electrification, equity, land and sea use, lifestyle, finance and innovation. Part 2 presents a detailed global energy scenario, modelled by Ecofys, which is described as just one possible pathway, rather than a prescriptive plan.* |

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| Títol: | Transition Towards a Low Carbon Energy System by 2050: What Role for the EU? |
| País: | Europa | Any: | 2011 |
| Institució: | European University Institute + THINK (subvencionat per la UE) |
| Enllaç: | <http://www.eui.eu/Projects/THINK/Documents/THINK2050Report.pdf>  |
| Observ.: | 80 – 95% Renovables pel 2050. |

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| Títol: | Climate and Energy Roadmaps towards 2050 in north-western Europe |
| País: | Nord Oest Europa | Any: | 2012 |
| Institució: | PBL Netherlands Environmental Assessment Agency  |
| Enllaç: | <http://www.pbl.nl/sites/default/files/cms/publicaties/PBL_2012_Climate-and-Energy-Roadmaps_500269001.pdf>  |
| Observ.: | Estudi comparatiu de les polítiques oficials de Bélgica, Dinamarca, França, Alemanya, Holanda i Regne Unit. Destaca que “*The Danish roadmap is characterised by the aim to achieve a 100% renewable energy system by 2050*”. |

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| Títol: | Towards 100% renewable energy in Belgium by 2050 |
| País: | Bélgica | Any: | 2013 |
| Institució: | Federal Planning Bureau + dues institucions més |
| Enllaç: | <http://energie.wallonie.be/servlet/Repository/130419-backcasting-finalreport.pdf?ID=28161>  |
| Observ.: | Tracta de la factibilitat i de les polítiques necessàries. Ampli resum executiu en francès i neerlandès. *Different trajectories are sketched that lead up to a 100% renewable coverage in 2050. The trajectories show that it is feasible to combine economic growth and comfort with renewable energy sources. These options were deducted from several discussions with stakeholders via an open dialogue process, as well as with national experts.* |

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| Títol: | A roadmap for repowering California for all purposes with wind, water, and sunlight. |
| País: | California (USA) | Any: | 2013 |
| Institució: | Standford University + cinc institucions més. |
| Enllaç: | <http://web.stanford.edu/group/efmh/jacobson/Articles/I/CaliforniaWWS.pdf>  |
| Observ.: | Full de ruta per a Califòrnia 100%R. *The plan contemplates all new energy from wind, water, and sunlight (WWS) generating electricity and electrolytic hydrogen. Targets: 80 e 85% of existing energy converted by 2030, and 100% by 2050.* |

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| Títol: | North-East Asian Super Grid: Renewable Energy Mix and Economics. |
| País: | Xina + Mongolia + Corea + Japó | Any: | 2014 |
| Institució: | Mizuho Information & Research Institute, Japan + Corea + Finlandia + Mongolia |
| Enllaç: | <http://www.qualenergia.it/sites/default/files/articolo-doc/Breyer2014_paper_North-EastAsianSuperGrid_REmix_Economics_WCPEC-6_final_141125_DigestFullPaperAppendix_preprint-1.pdf>  |
| Observ.: | Visió global de varis països asiàtics. *The 100% renewable energy system in North-East Asia is no wishful thinking; it is a real policy option, in particular due to rapidly decreasing renewable energy technology levelized cost of electricity (LCOE, including generation, curtailment, storage and transmission grid) and improving storage economics.* |

NOTA: els enllaços subministrats en aquestes referències estaven actius al setembre de 2015.