

Display problems? [Open this email in your web browser.](#)



EnergyPLAN Newsletter no. 17 - October 2018

Dear colleague and EnergyPLAN user,

You receive this e-mail because you have once registered as a user of the EnergyPLAN computer model. We issue newsletters once or twice a year.

If you do not wish to receive future newsletters, please send an e-mail to energyplanmodel@gmail.com.

Release of New EnergyPLAN Version 14.0

We announce the release of a new version 14 of EnergyPLAN.

The new version includes two new technologies: Concentrated Solar Power (CSP) with a thermal storage and High-Temperature Thermal Storage in connection to central thermal power and CHP stations. The high-temperature thermal storage can store excess electricity, which may be used to replace fuel in the power stations.

In addition to this, the new version has a more efficient utilisation of low-temperature thermal storage for solar thermal and excess heat productions for district heating. Also, a number of improvements have been added to the market simulation option - one example is the better use of large-scale hydro power and electrolysers.

Finally, the Electrofuels tab sheet has been changed to enable the use of hydrogenation for both direct production of green liquid fuel and green gas. This means that you may have to make minor adjustments in the input to this tab sheet, if you wish to use input files from the previous versions of EnergyPLAN. A more detailed description of all the changes can be found in the preface of the new up-dated documentation available at www.EnergyPLAN.eu.

[Download EnergyPLAN 14.0](#)

Updated Cost and Technology Database for EnergyPLAN

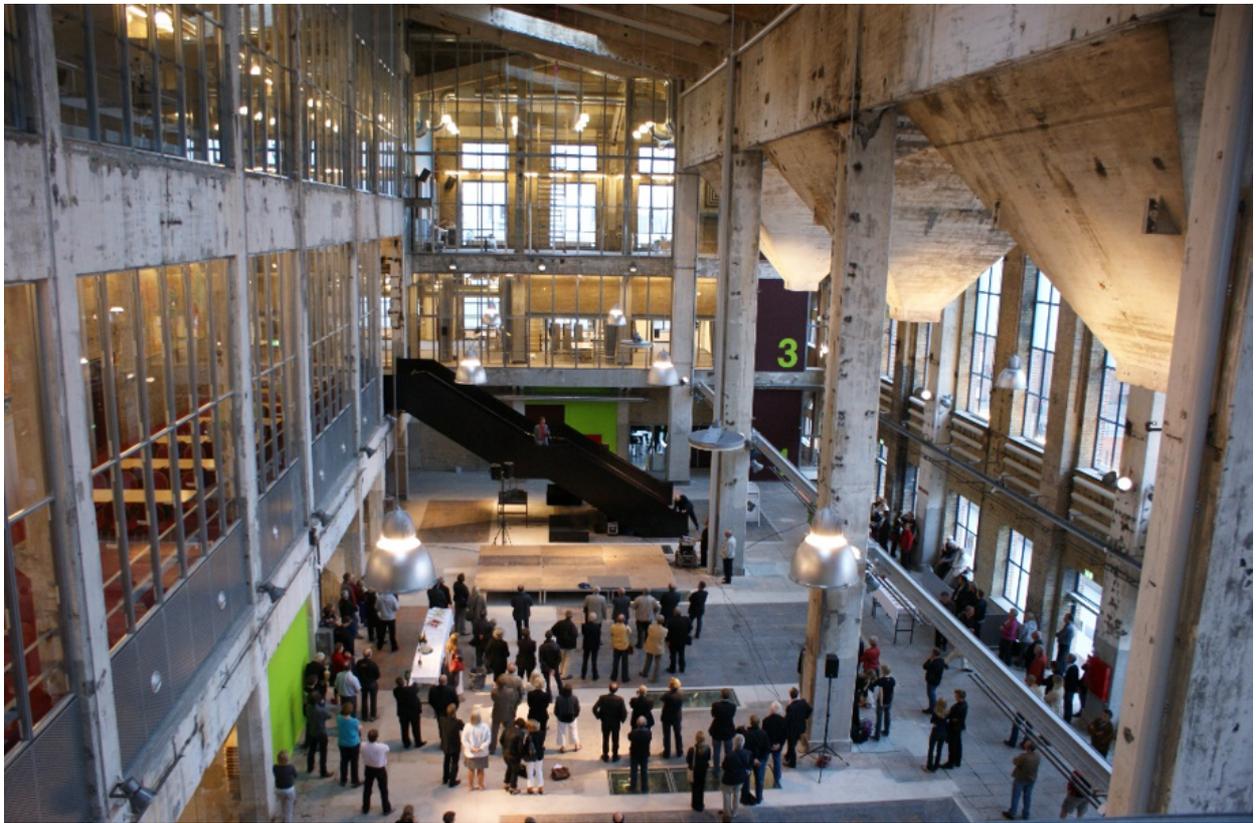
Since the latest update in 2015, EnergyPLAN's cost database has been used as a go-to reference for EnergyPLAN users. A new version of the cost and technology database is now available and will be updated on a regular basis. Based on a thorough data collection process, the revised version includes a comprehensive and up-to-date list of different energy conversion technologies along with their corresponding investment costs, lifetimes and operation and maintenance costs. The new version of the cost database is available in a spreadsheet format, making it easier for users to trace and extract cost data input.



Don't miss International Conference on Smart Energy Systems and 4th Generation District Heating

The 4th International Conference on Smart Energy Systems and 4th Generation District Heating takes place on 13-14 November 2018 in Aalborg, Denmark. With more than 130 interesting presentations, high-profile keynote speakers, exciting workshops and technical tours, the conference is receiving a high level of interest. The aim of the conference is to present and discuss scientific findings and industrial experiences related to the subject of Smart Energy Systems based on renewable energy and future 4th Generation District Heating Technologies and Systems (4GDH). The conference hosts a panel debate introduced by Professor Sven Werner and it presents the following keynote speakers:

- Professor Henrik Lund, Aalborg University
- Lily Riahi, advisor for UN Environment Programme
- Professor Mark Z. Jacobson, Stanford University
- Professor Xiliang Zhang, Tsinghua University
- Professor Neven Duic, University of Zagreb



The conference is held at Nordkraft, the city's former power station now converted into a large venue for conferences, sports and music, and the conference dinner will take place at Musikkens Hus, House of Music – a multi-purpose venue on Aalborg's waterfront. The Conference Chairs are Henrik Lund, Brian Vad Mathiesen and Poul Alberg Østergaard from Aalborg University, Denmark. **Deadline for registration is 1 November 2018.**

[Register now](#)

EnergyPLAN PhD Course 2019 - save the date

The next EnergyPLAN PhD course at Aalborg University is scheduled for **6-8 May and 20-22 May 2019**. The course gives you an introduction to advanced energy system analysis using the EnergyPLAN computer model and will enable you to understand methodologies of advanced energy system analysis and to use the EnergyPLAN model as a tool in making energy system analyses.

The course is conducted as a combination of lectures and computer workshops. It starts with an introduction to the model (installation, use, construction of new data sets) and proceeds to focus on the use of the model in, among others, the planning of sustainable cities and communities; technical analyses of large-scale integration of wind power, and the design of flexible energy systems using heat pumps, hydrogen

storage, pumped storage and other flexible technologies.

To preregister for the course, please contact secretary [Mette Reiche Sørensen](#).

The EnergyPLAN development team



AALBORG UNIVERSITY
DENMARK

[Unsubscribe](#) | [Manage your subscription](#)



MailPoet