



The Danish Energy Agency is introducing a new model for calculating economy of energy efficiency

Energy Efficiency is and has always been a cornerstone in the Danish energy and climate model, which in contemporary time is getting international attention. To push forward the appreciation of economic advantages from tangible initiatives of energy efficiency, the Danish Energy Agency is now introducing a model for use in Denmark's international cooperation on energy and climate. The model enables comparison of costs by reducing energy consumption to the corresponding costs by extending energy supply.

Many of the world's developing and growing countries focus almost only on expanding their energy supply to support growth and living conditions. To secure a more sustainable development of their energy sector and to meet international climate commitments, there has been a wide focus on Danish experience and results on these specific areas. Denmark has been capable of increasing wealth with more than 40 pct. Since 1990, while simultaneously reducing both energy consumption and climate impact. One important element in the Danish development has been the priority of energy efficiency across multiple sectors.

The Danish Energy Agency presented a levelized cost of energy model (**LCoE Calculator**) at COP21 for estimating countries' economy within green solutions compared to conventional solutions along with environmental impacts. The Danish Energy Agency is now expanding the tool to make possible comparison of price on extension of energy supply to the price of reducing energy consumption from investments in energy efficiency.

The objective of this new tool is to give decision-makers in Denmark's partner countries on energy and climate a broad picture of the economy and to render visible the possibilities of a more sustainable development of their energy sector and energy consumption.

[Read more about the LCoE Calculator and give it a try.](#)

About the LCoE Calculator:

- The LCoE Calculator is able to update Danish partner countries about the effects of the rapidly falling technology prices on energy sources such as solar and wind power.
- The new module makes calculations of technologies within energy efficiency possible. The price of new capacity can therefore now get compared to the price of saving energy from initiatives such as effective motors or insulation.
- The LCoE Calculator is part of the Danish cooperation and activities with the purpose of supporting an environmentally sustainable development in the world's developing economies using Danish experiences with low carbon technologies and systems.

Contact:

Special Advisor Henrik Breum, Danish Energy Agency, tel: +45 3392 7812, e-mail: hebr@ens.dk

Contacts

Ture Falbe-Hansen

Head of Press (+45) 2513 7846 tfh@ens.dk