



New technology catalogue to support green transition in Vietnam

The Electricity and Renewable Energy Authority of Vietnam (EREA) and the Danish Energy Agency (DEA) are launching Vietnam's first ever technology catalogue. Based on the Danish example, it is customized to represent Vietnamese conditions. The energy partnership between Vietnam and Denmark is part of the Danish effort to support green transitioning globally and is financed in cooperation with the Danish Ministry of Foreign Affairs.

The new technology catalogue provides Vietnam with a strong foundation for

optimization of its energy system and long term planning of the country's green transition. Similarly, the Danish Energy Agency produces a technology catalogue for Denmark, which constitutes a key component in Danish energy model. The catalogue contains data about current and future energy technologies, for which reason it is considered an important instrument by policymakers dealing with the long term efforts of the transition of the Danish energy system.

The Vietnamese technology catalogue has been developed by the Danish Energy Agency in cooperation with the Electricity and Renewable Energy Authority (EREA) under the Vietnamese Ministry of Industry and Trade (MOIT). The catalogue has been developed in an open process and it will be made publically available for all interested parties, which will provide the Vietnamese energy sector with the newest data and a common point of reference.

It contains information about the most relevant electricity producing technologies. Among other things, the data demonstrates, that the costs of production of electricity from both wind and solar are expected to decrease significantly. With the new data, Vietnamese authorities will have a better opportunity to plan the development of the energy sector. Ultimately, this could create a cheaper and greener energy system that would benefit both consumers and climate.

Figure: Levelized Cost of Electricity (LCoE):



The figure shows the expected cost of electricity production per unit for the most relevant technologies in 2020, 2030 and 2050. The LCoE calculations have been conducted by using Danish Energy Agency's LCoE Calculator. Full load hours and fuel prices are based on preliminary simulations from the Vietnam Energy Outlook Report 2019. Additional technological data can be found in the catalogue, which is available for download [here](#).

The technology catalogue is launched today, Thursday May 16th in Hanoi.

More about the cooperation between Denmark and Vietnam

The Danish Energy Agency has collaborated with the Vietnamese Ministry of Industry and Trade (MOIT) on matters of climate and energy since 2013. The cooperation is a part of the Danish Energy Partnership Program (DEPP), which is financed by the Ministry of Foreign Affairs in Denmark.

[Read more about the energy cooperation with Vietnam and the Danish Energy Partnership Program \(DEPP\).](#)

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