

# WIND ENERGY DENMARK

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# Welcome!

09.30 | Skagen Stage

Opening session: How to stay ahead on technology through R&D

## Panelists

Anders Vedel, CTO, Vestas Wind Systems

Jens Joel, Member of the Danish Parliament, The Social Democratic Party

Peter Hauge Madsen, Head of Department, DTU Wind Energy

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# DANISH ENERGY AGREEMENT OF 29 JUNE 2018



The Danish Energy Agreement is establishing the framework for research, development and demonstration until 2024. The budget volume will increase gradually from 580 mio. DKK in 2020 with approximately 100 mio. DKK a year until 2024.

In 2024 Denmark will get back to the budget volume known in 2010 – 2013 of 1 billion DKK.

*Danish energy agreement of 29 June 2018*

# SECTOR RESPONSE

WIND POWER  
ANNUAL  
RESEARCH  
AND  
INNOVATION  
AGENDA  
2018



*Read it on [Megavind website](#)*

**MEGAVIND**

# Opening session: How to stay ahead on technology through R&D

WIND  
ENERGY  
DENMARK

## Panelists

Anders Vedel, CTO, Vestas Wind Systems

Jens Joel, Member of the Danish Parliament, The Social Democratic Party

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## Moderator

Jan Hylleberg, CEO, Danish Wind Industry Association



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# SECTOR RESPONSE TO THE R&I PART OF THE DANISH ENERGY AGREEMENT OF 29<sup>TH</sup> JUNE 2018

The Danish Energy Agreement is establishing the framework for research, development and demonstration until 2024.

THE BUDGET VOLUME WILL INCREASE GRADUALLY FROM 580 MIO. DKK IN 2020 WITH APPROX. 100 MIO. DKK A YEAR UNTIL 2024.  
IN 2024 DENMARK WILL GET BACK TO THE BUDGET VOLUME KNOWN IN 2010 OF 1 BILLION DKK.



The sector welcomes the reestablishment of the “energy billion”, however, regrets the slow implementation that will mean that Denmark has deprioritized research, development and demonstration within energy for 10 years (2014 – 2024)

DISTRIBUTION OF THE PUBLIC BUDGET IS 80 MIO. DKK TO IFD & 500 MIO. DKK TO EUDP.



Maintaining the volume of projects that go through all development phases helps ensuring the quantity - and quality of projects that can lead to commercialisation.

NATIONAL STRATEGY FOR RESEARCH, DEVELOPMENT AND DEMONSTRATION



- All TRL;
- Mature and immature technology;
- Incremental and radical;
- Supply chain programme;
- Big –and small projects.

National strategy for research, development and demonstration

