

Danske Commodities

Passion for energy

25-08-2016



Who am I?



Henrik Skaarup Andersen

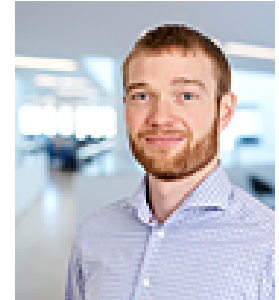
2008 - M.Sc. Computer Science from Aarhus

2013 - Joined DC as a developer

2014 - Manager, Head of Software Development

hsa@danskecommodities.com

53 57 81 53





700+
Customers
& Counterparties



283
Employees
46
In IT

*We are an **independent** and
privately owned energy company*



Customer &
Trading Business



Originated in
Denmark



10+
years
experience

2004

Danske
Commodities
is founded



2009

First consumption
balance agreement



2011

First carbon trade



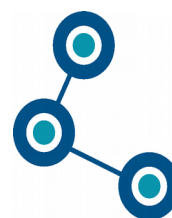
2012

First German
renewables customer



2014

Turn-around of
the company



2015

First offshore
wind contract:
15-year UK PPA



2009

First gas trade



2010

First certificate
trade



2011

First asset
management
customer



2013

Best ever financial result:
EUR 41m in EBIT



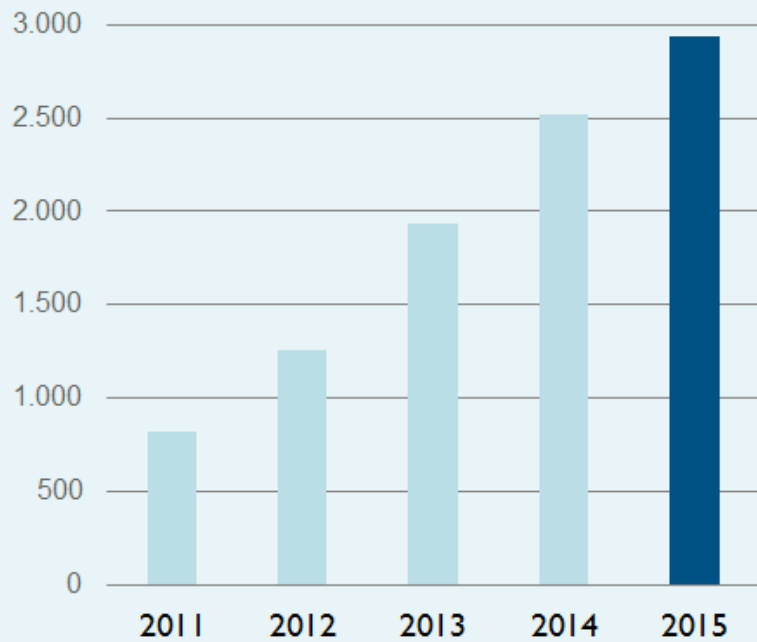
2015

Strong financial
result:
EUR 30.2m in EBIT



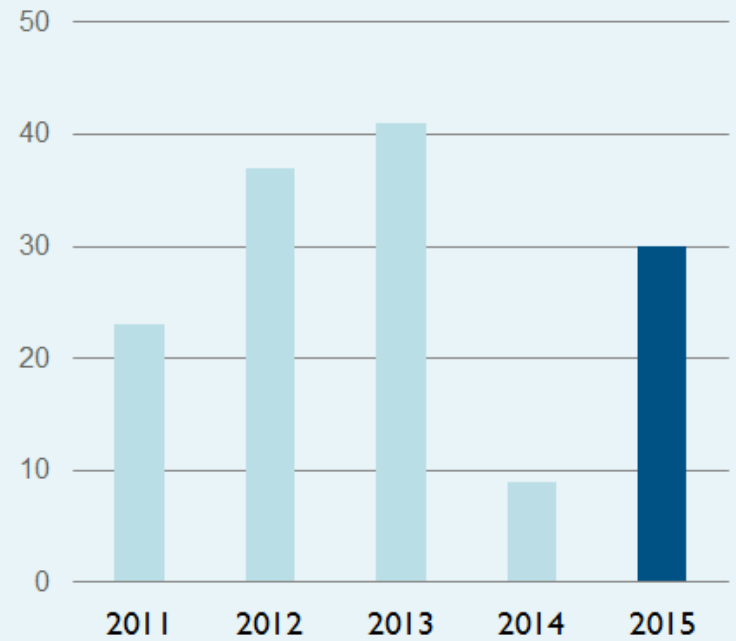
REVENUE

M EUR



EBIT

M EUR

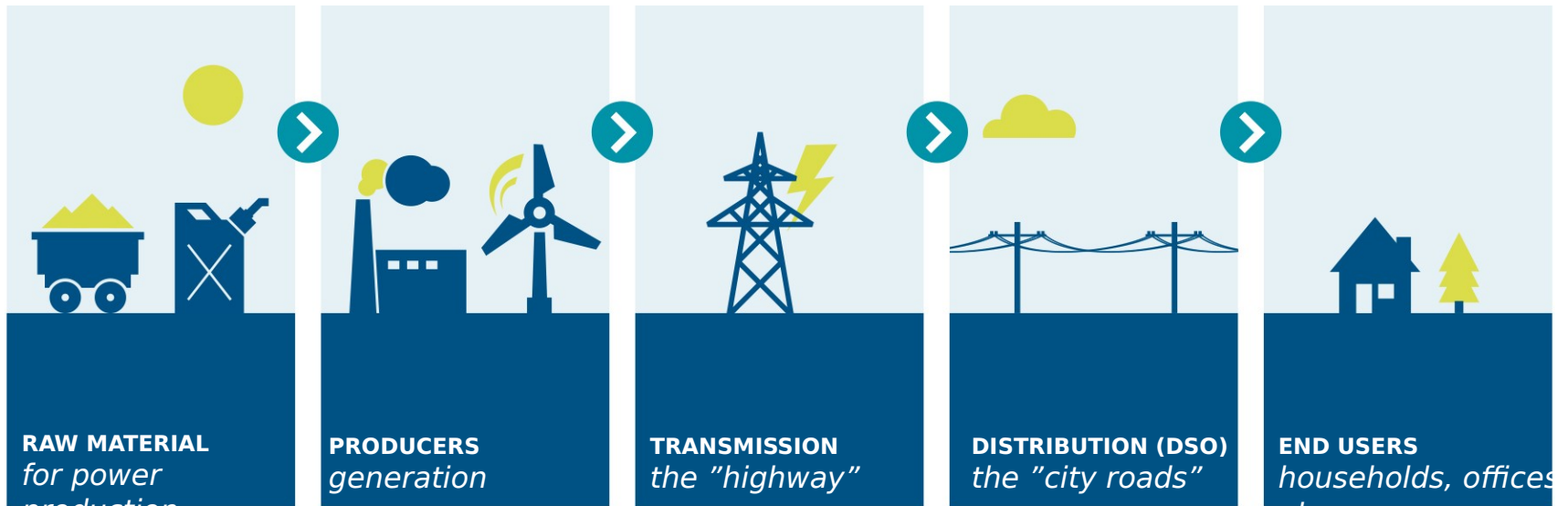




ABOUT

The energy market

Power: From production to end-user



What makes the **power market** unique?



CHARACTERISTICS

Storage is not an option (traditionally)

Discarding is not an option

Failure is not an option



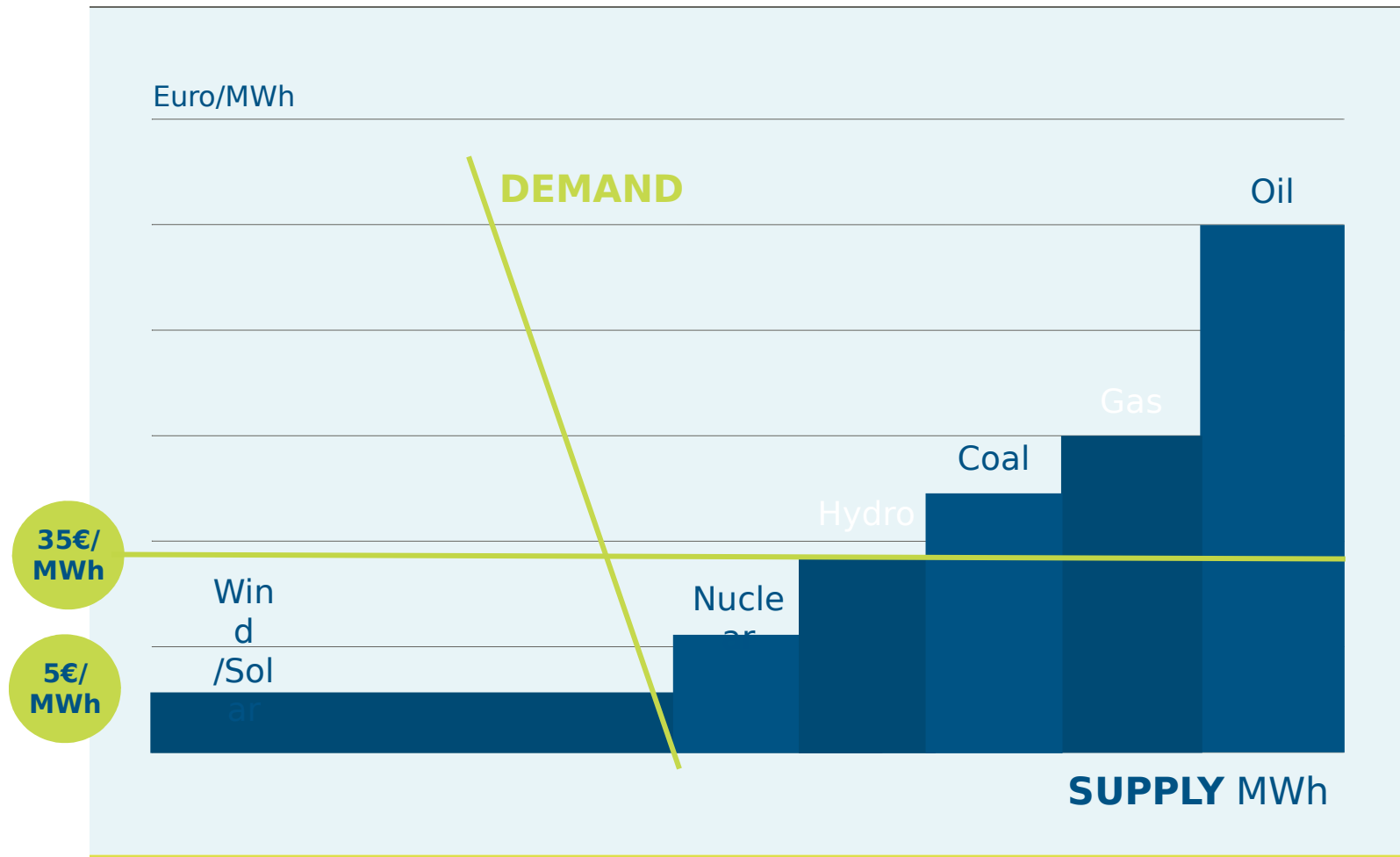
KEY DRIVERS

Supply and ***demand***

Balancing

Renewables

Price of Power: Change in Supply



What is the role of **DC**?



Market characteristics

Price volatility

Renewables key driver on price and volatility

Hard for producers to plan production efficiently

Hard for distributors to buy electricity at most optimal prices

Hard for transmission operators to balance supply/demand

Danske Commodities is the middle man. We make the markets more efficient

Meet the traders



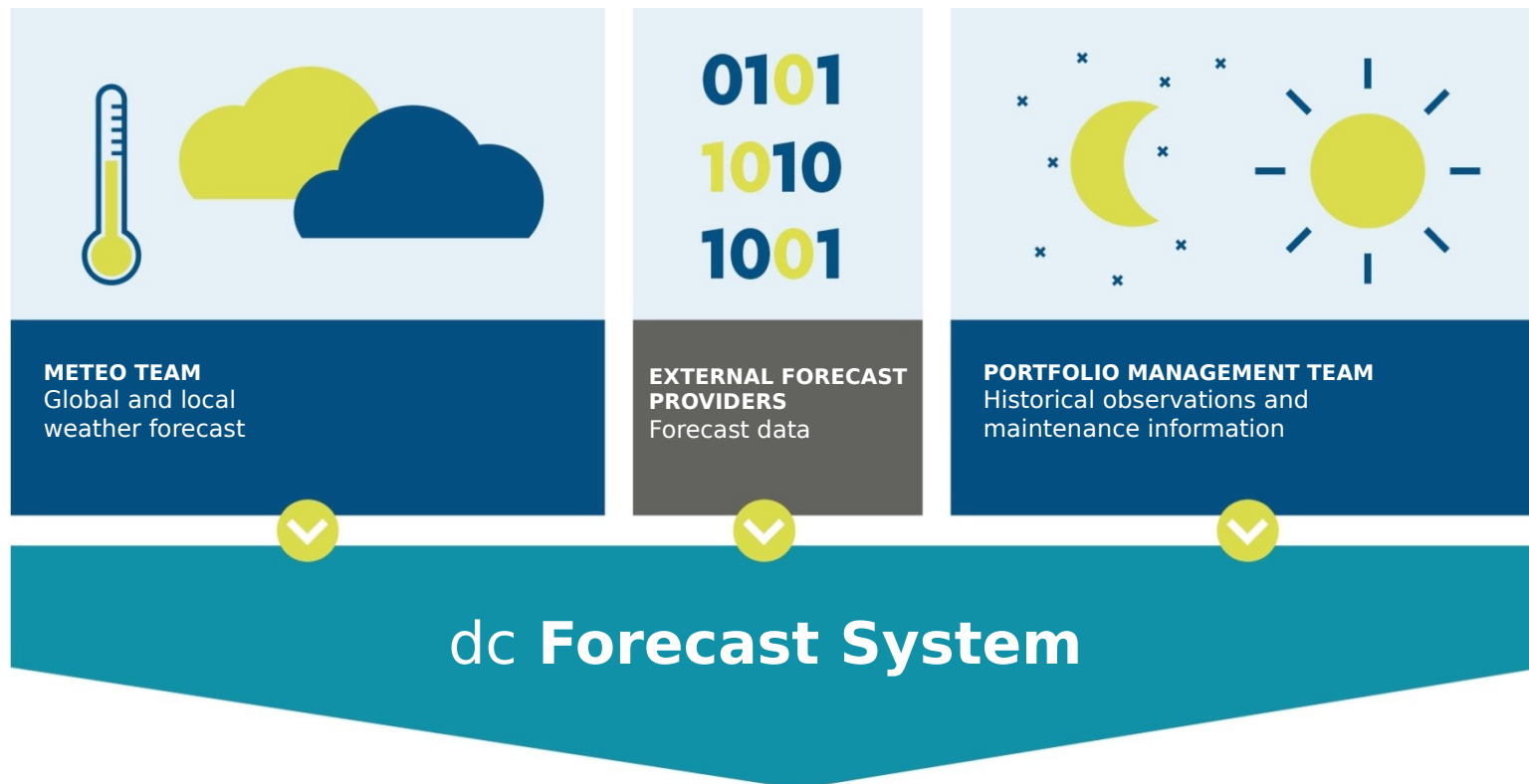
24/7 – 365

Trading all markets in europe

Data is the lifeblood of DC
15 screens per trader

IT is essential





**Customised forecasts
for
the trading floor**

The text 'IT in DC' is written in a blue, sans-serif font. It is positioned on the left side of a semi-transparent green rectangular overlay that covers the bottom half of the image. The background of the entire slide is a photograph of a man in a dark shirt and large headphones, sitting at a desk and looking at a computer monitor in an office setting.

IT in DC

It systems through the value chain



Producers



- *Optimization*
- *Pooling*
- *Market Access*

Transmission



- *Scheduling*
- *Data interfaces*
- *Reporting*

Distribution



- *Market Access*
- *Forecasting*

Trading



- *Automatic trading systems*
- *Market data*
- *Surveillance*
- *Market indicators*
- *Planning and trade execution tools*

Backoffice



- *Compliance*
- *Risk management*
- *Trade capture*
- *Reporting*
- *Recruitment*

Project size from 200 -> 20.000 hours

More than 70 running systems large and small

Mostly Greenfield projects

Only 5% maintenance!

Agile methodologies

Manage dual site datacenter

Availability is a key concern

Very close collaboration

24/7 IT support

Our continuous deployment setup



Architecture built to scale



Scale in functionality

Scale in performance

Service Oriented Architecture



The right tools for the right job



And many many more...

We believe ..



.. in giving people responsibility

.. that learning and sharing is a first class citizen

.. in people

We are hiring