

# Årets Gaskonference den 1. november 2017 Fremtidens Gasforsyning

Kl. 13.40 En kommerciel spillers erfaring med at være i gasmarkedet,



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# Årets Gaskonference 2017

## Dansk Gas Forening

A commercial player's experiences from the gas market



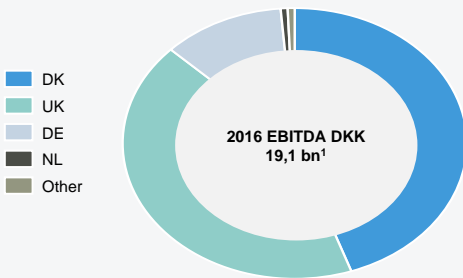
Frank ten Voorde  
1. November 2017

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# Key figures and gas footprint

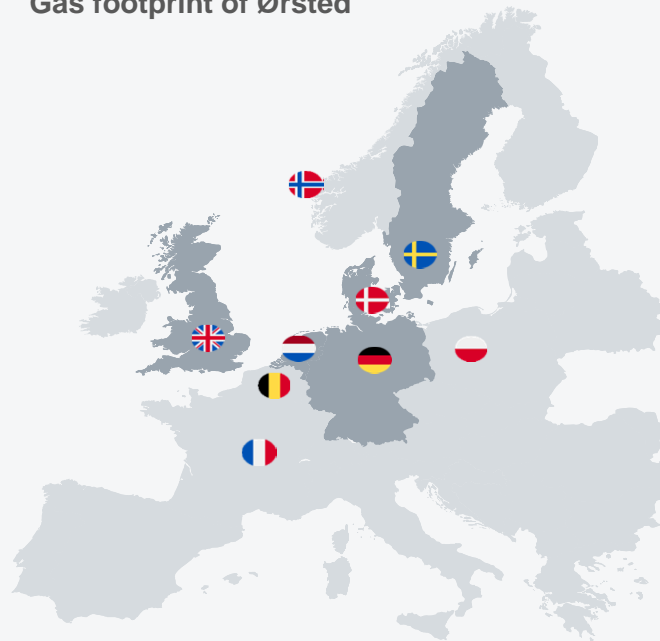
## Ørsted key figures - 2016

Revenue: DKK 61bn<sup>1</sup>  
 EBITDA: DKK 19.1bn<sup>1</sup>  
 Employees: ~ 5,600



1. Continuing operations

## Gas footprint of Ørsted

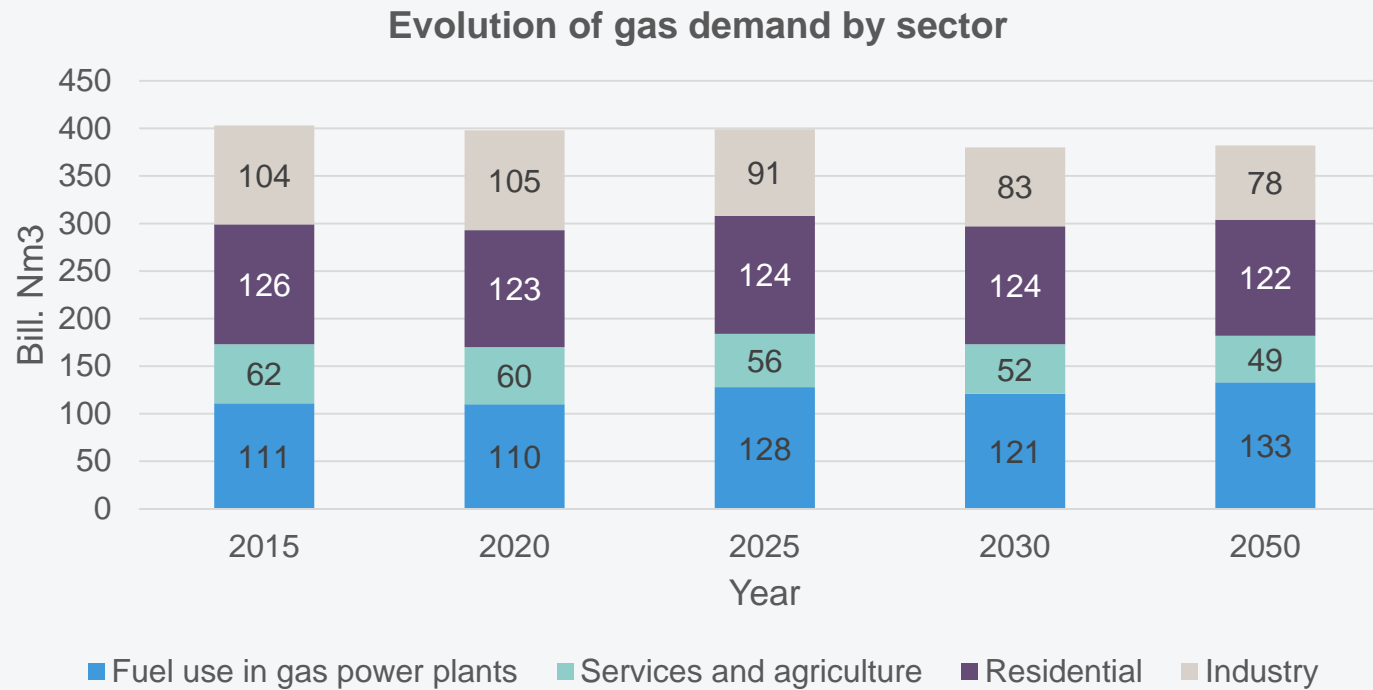


WHAT	WHERE
Gas Contracts	
Gas Storage	
Gas Trading	
LNG	& GLOBAL
Biogas	
Consumption	
New markets	

Ørsted is present in the whole gas chain and is managing and extracting value from the gas portfolio through efficient operations, optimization and adjacent business

## EU Gas demand forecasted to remain stable

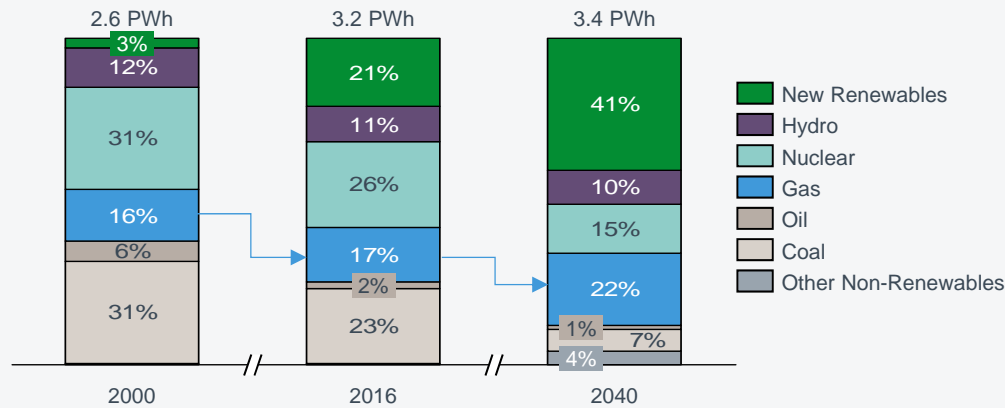
Growth in power production compensates for loss of industrial usage



Source: PRIMES

# Gas forms a vital input in the green energy transition

## European energy mix



Gas is expected to play a larger role in the European production mix

Source: IHS 2016, European Planning Scenario

## Key options for balancing renewable energy



Demand response



Storage



Network extension



Fuel

- I. Gas is the fastest and the most efficient balancing fuel
- II. Gas has lower carbon emissions than coal and oil (~50% lower), and will remain in industry processes
- III. Gas has a significant green potential due to growth of biogas
- IV. Gas infrastructure is essential for making biogas a usable, flexible and reliable future green energy source
- V. Even with a fully implemented green transition, storable fuel is needed, e.g. biogas for heavy transport

Source: Group Environment, Energinet Årsrapport 2016, Energikommisionen

# The framework for a well functioning Danish gas market is in place..

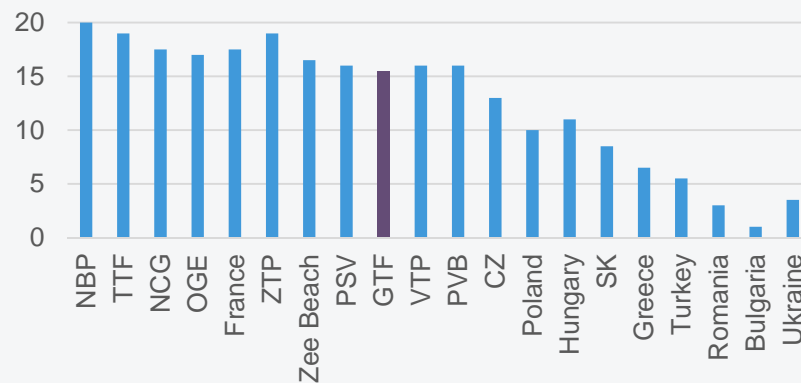
## The infrastructure



- ✓ Interconnected (hardware)
- ✓ Rules aligned (software)

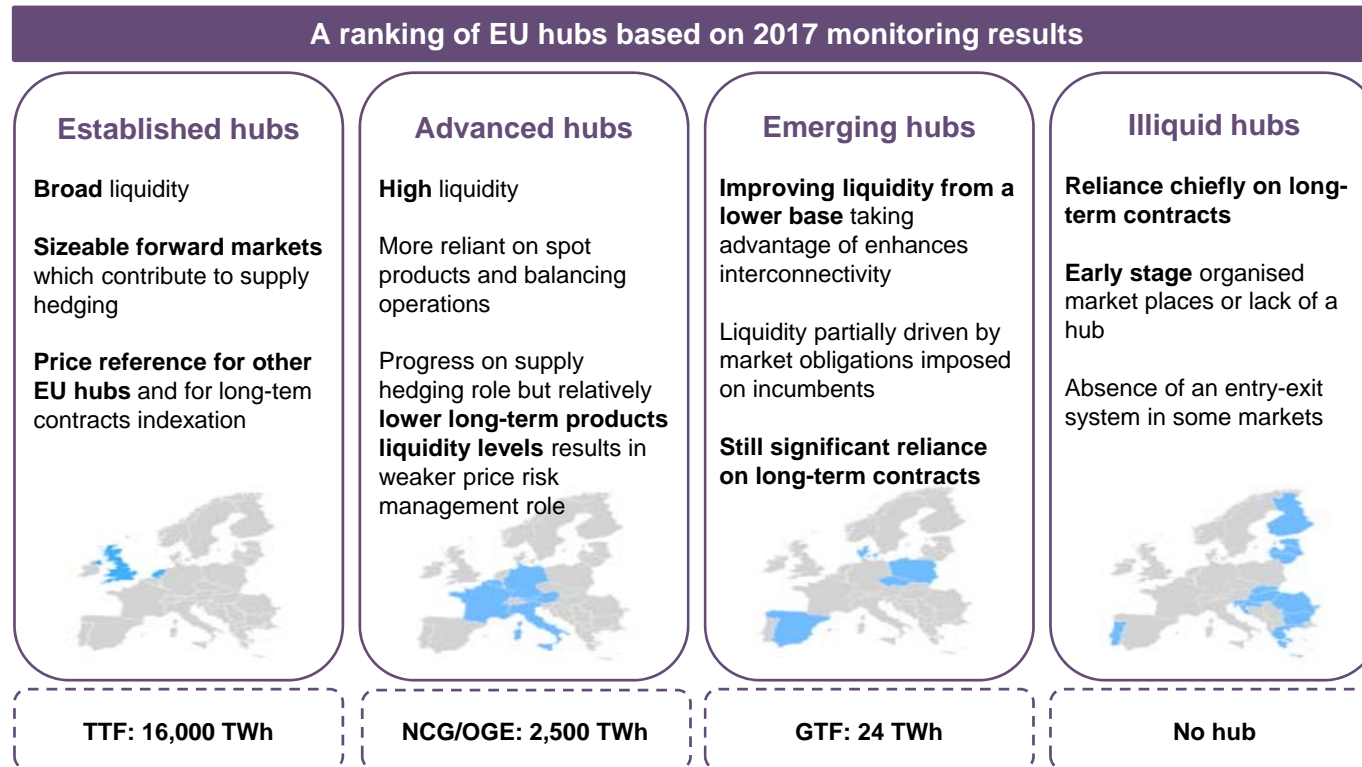
## The Market

EFET hub scores 2017



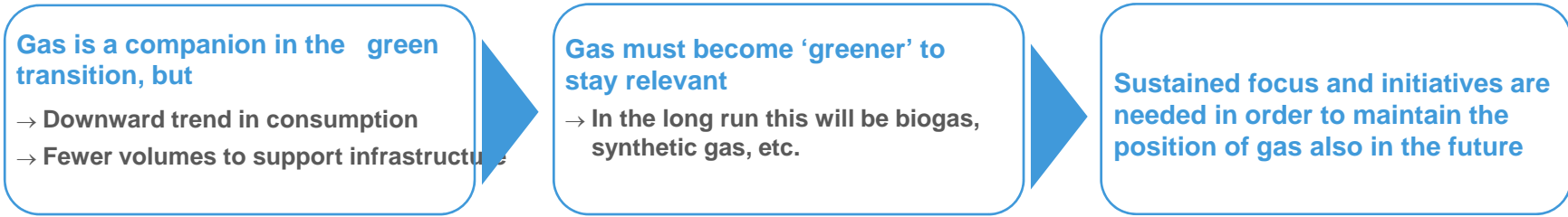
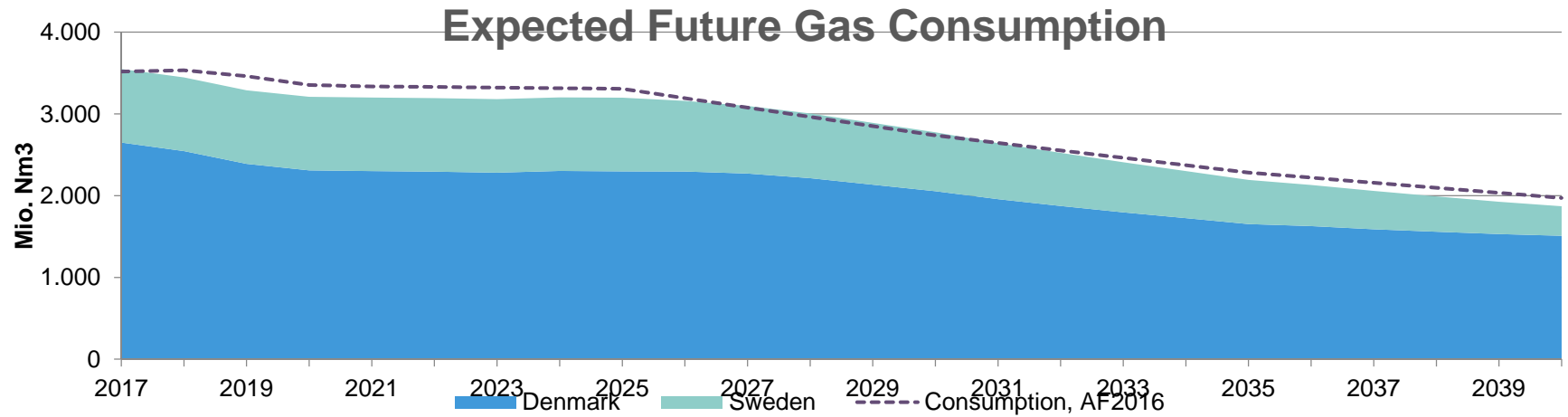
- ✓ Continued development of market rules
- ✓ Short-term products on par with other markets with relatively good liquidity
- ✗ Non-existing forward market

## ... and a gas trading hub has been established



Source: ACER / Gaspoint Nordic

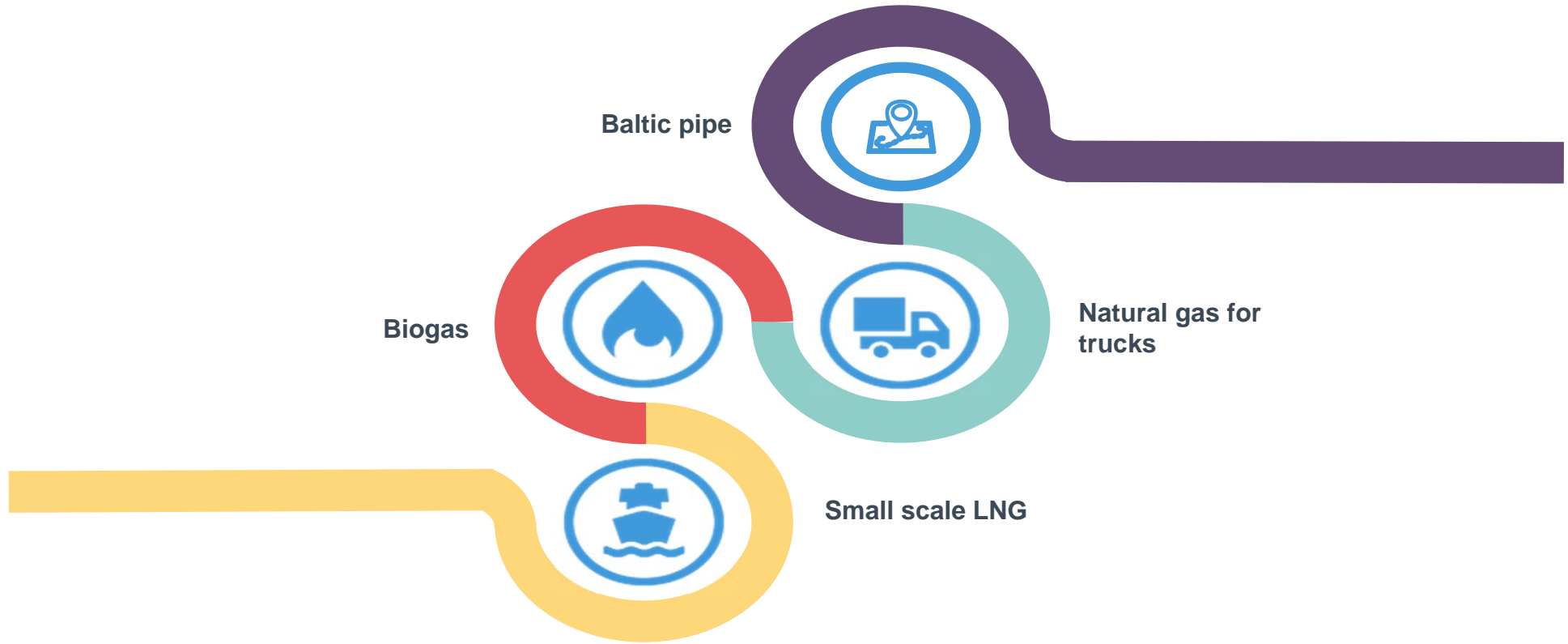
## A vibrant gas market is needed for gas to play its role



Source: Energinet



# Gas growth opportunities in EU and DK, supporting the green transition



## Key messages



Gas will stay an important fuel for years to come, demand in EU remains stable



The Danish gas market functions well and framework is in place. No forward market



The Danish/Swedish gas market is in decline



A sustained focus and new initiatives are needed