THE POTENTIAL OF BIOGAS AND THE FUTURE OF GAS DISTRIBUTION NETWORKS

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THE REMARKABLE COMEBACK OF GAS: FROM FOSSIL VILLAIN TO POSSSIBLE HERO



ABOUT DGD

- DSO
- DGD is a subsidiary of Energinet, an independent public enterprise owned by the Danish Ministry of Climate and Energy, which owns, operates and develops the transmission systems for electricity and natural gas in Denmark.
- 158.000 customers
- 848 mcm annual distribution
- 911 mio. DKK tariff turnover
- 100 employees
- 7 per cent biogas in 2017



OUR DISTRIBUTION NETWORK





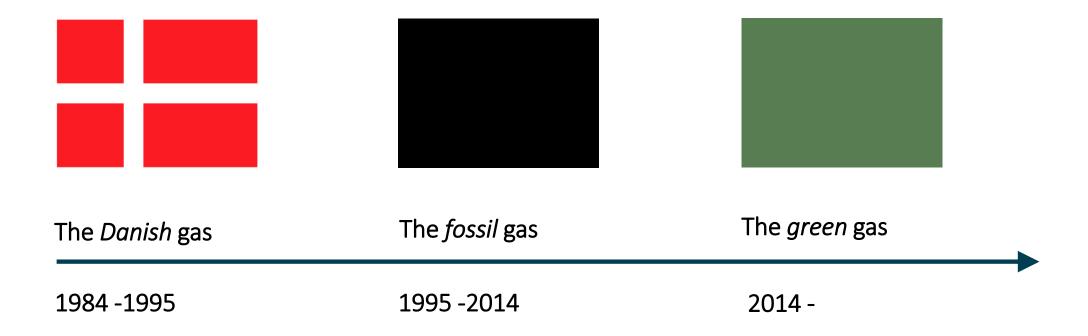
GAS TRENDS IN THE EU

The Commission is planning a remarkable gas comeback in the EU:

- To walk on at least two legs in the future Energy Policy electricity and gas.
- To plan proposals for a comprehensive gas market reform, which in particular should enhance green gas, as soon as the new Commission comes into force in 2020.
- To initiate a number of specific analyses of the gas system, which is scheduled for completion in 2018.



GAS'S THREE PHASES IN DENMARK





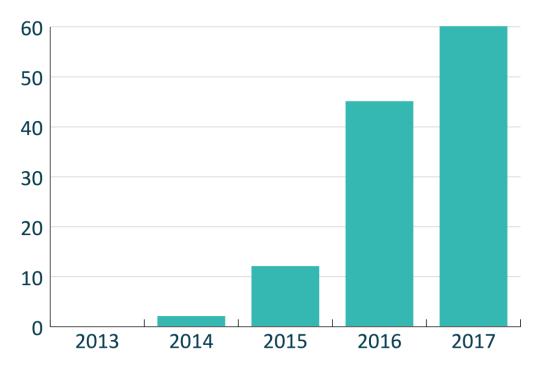
THE GAME CHANGER





BOOM IN GREEN GAS

Production of biogas in our area





SOMEBODY HAD TO DO IT...

GRONI GAS DANMARK

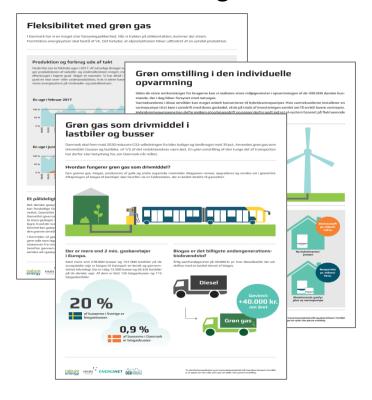


WHAT WE DID

Focus on six themes

- What is green gas?
- Green gas is the gas of the future
- Gas is crucial to business
- Flexibility with green gas
- Green transition in individual heating
- Green gas as a propellant in lorries and buses

Fact sheets + background



Push in targeted media



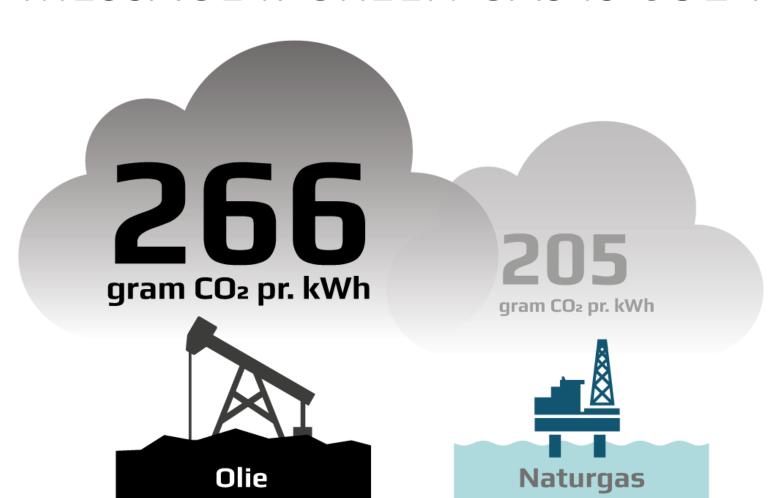








MESSAGE I: GREEN GAS IS CO2-NEUTRAL

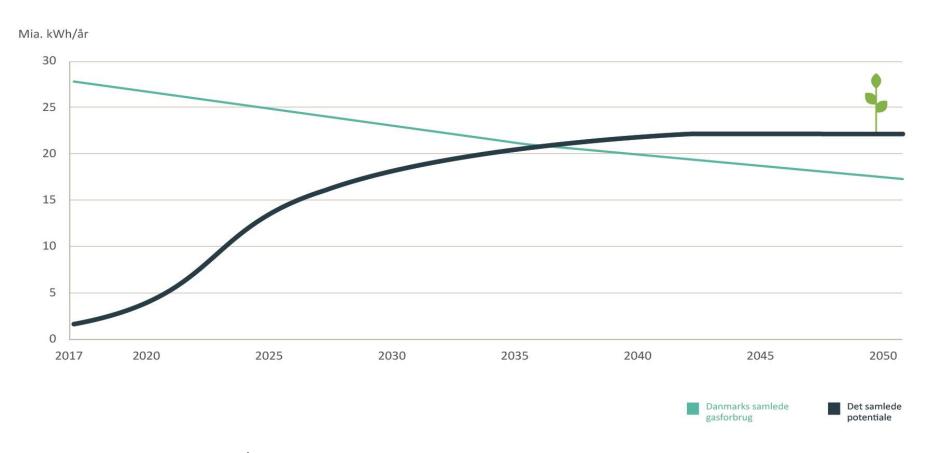






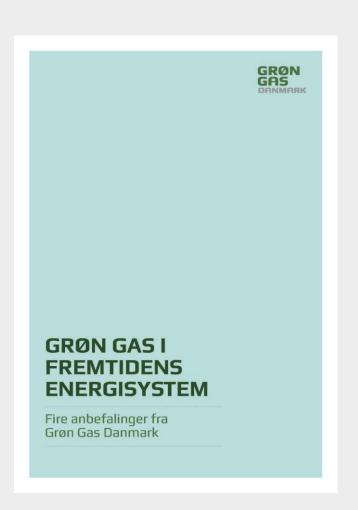


MESSAGE II: 100 PER CENT GREEN GAS IN 2035





POLICY PAPER: FOUR RECOMMENDATIONS





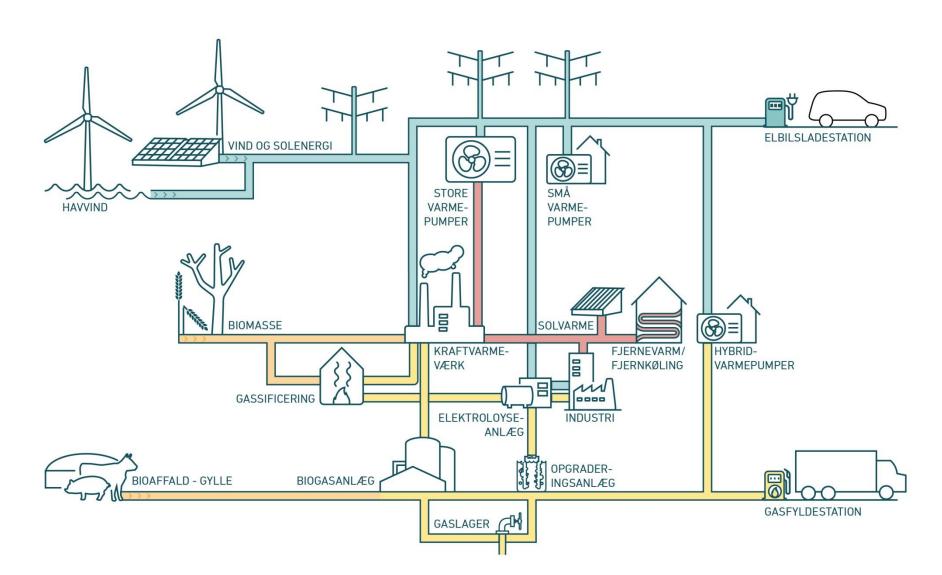
#1 Agree a national ambition to replace natural gas with green gas

#2 Create jobs and exports through research into and the production of green gas

#3 Use green gas to reduce emissions from transport

#4 Support a holistic approach and the socioeconomics of heating

SECTOR COUPLING – THE NEW BLACK





WHAT DO WE USE THE GAS FOR TOMORROW?

2035
Is it technically possible to replace the entire Danish gas consumption with green gas



By transforming wind turbine electricity into gas "the wind can be stored".



Hybrid solutions in heating could support the green electricity consumption.



Green gas could be a great alternative to diesel or gasoline in heavy transports.



THE TRANSFORMATION

"During the last two years, gas has changed from being a fossil problem to being a future-oriented part of the solution."

(Carsten Jensen, CEO, DGD)



Thank you for your attention

