



# BIOMETHANE IS BOOMING

Green transition of the Danish Gas System

*Niels Franck, Energinet*



# ELECTRICITY 25 YEARS

1988

1% electricity from wind and solar

2013

38% electricity from wind and solar

# GAS 8 YEARS

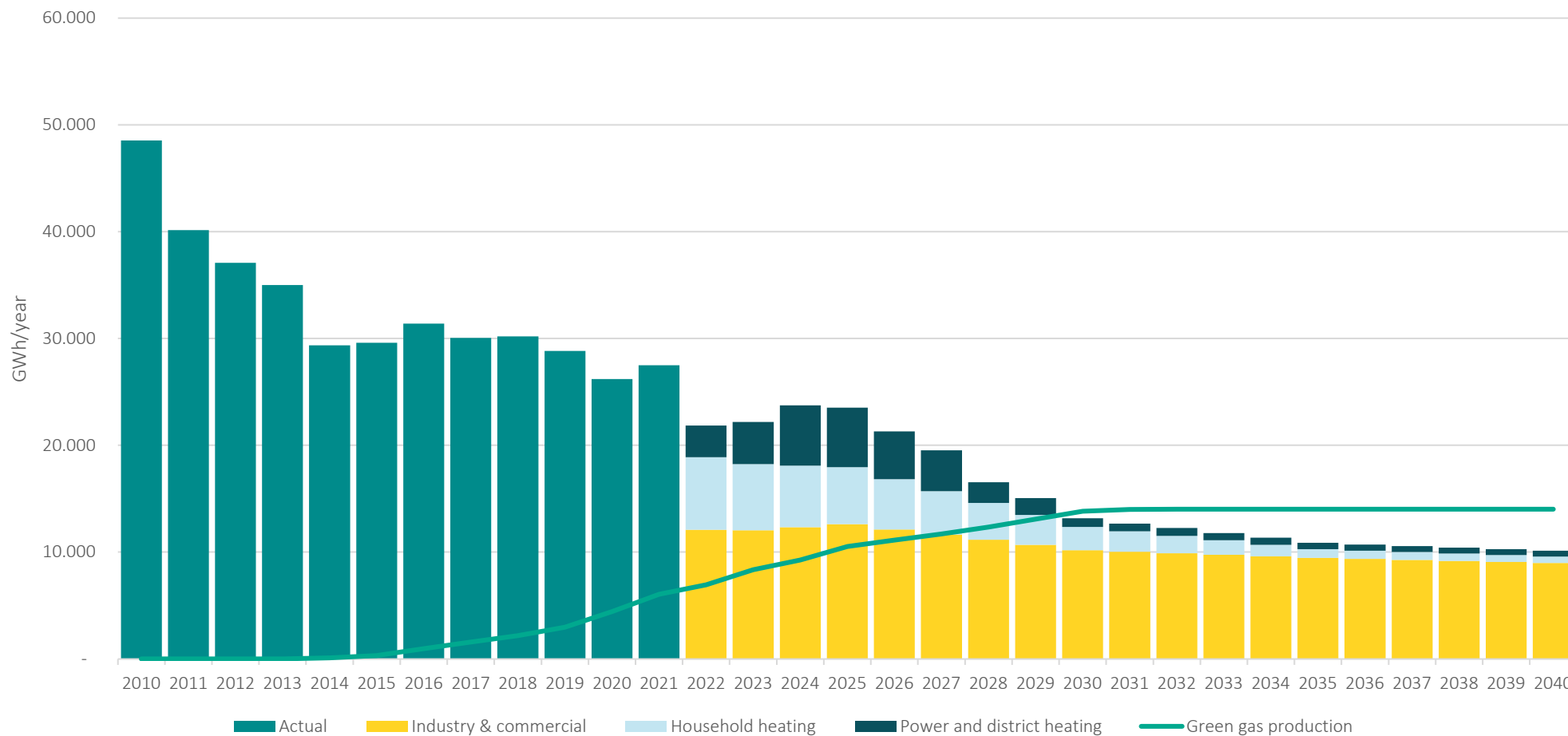
2015

1% biomethane for gas consumption

2023

38% biomethane for gas consumption

# 100% GREEN GAS BY 2030 – OR EARLIER



# WHY?

Green certificates

Old subsidy 60 EUR/MWh feed in

Oxygen 0,5%

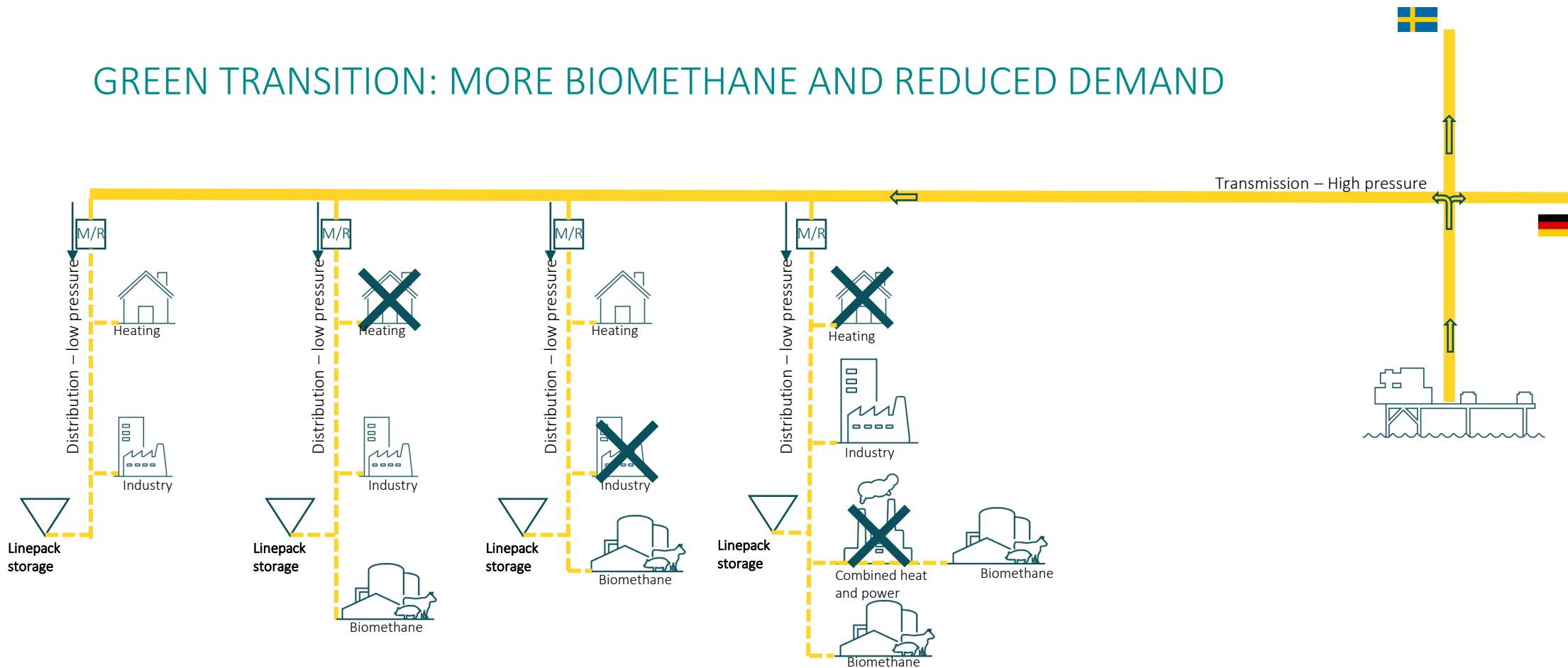
Mandatory grid connection

Grid reinforcements by TSO/DSO

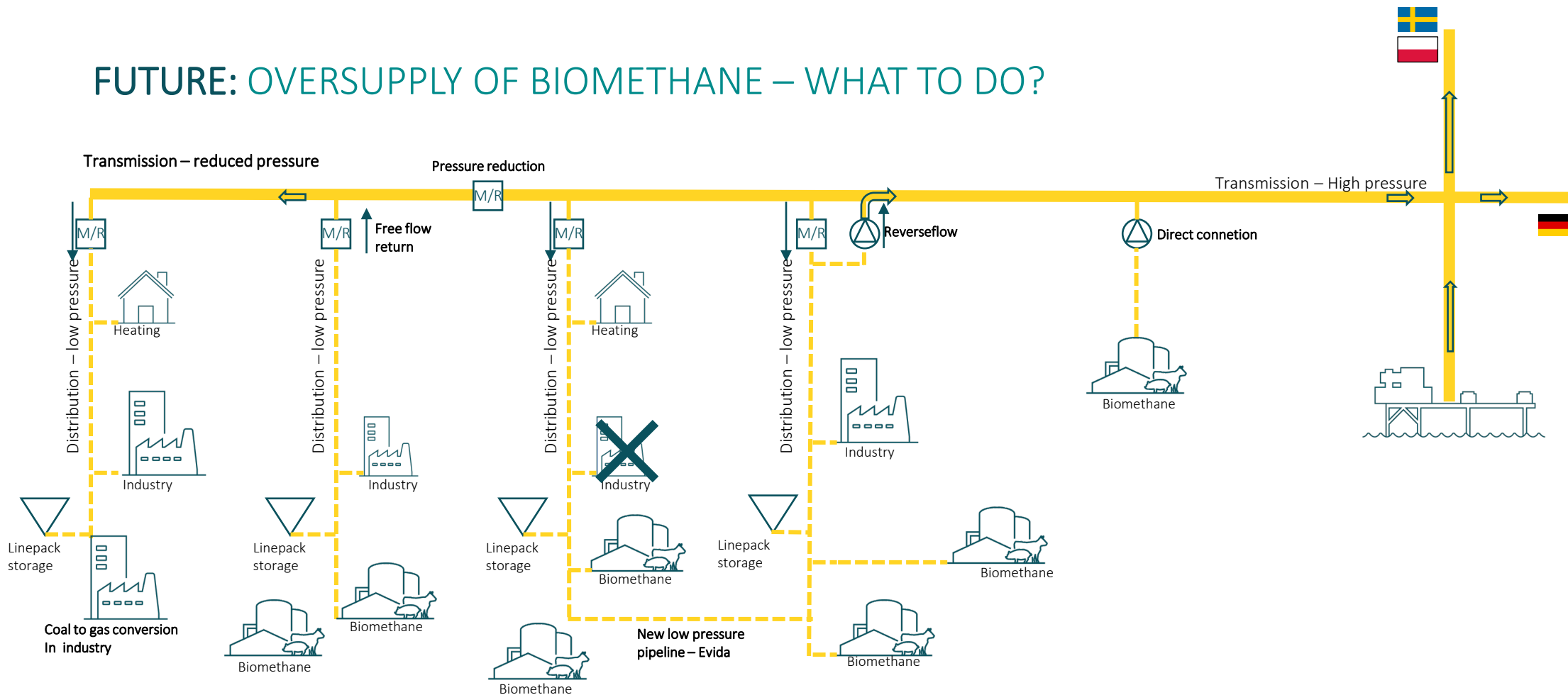
Industrialisation



# GREEN TRANSITION: MORE BIOMETHANE AND REDUCED DEMAND



# FUTURE: OVERSUPPLY OF BIOMETHANE – WHAT TO DO?



# THE CHALLENGE

Time and uncertainty

Cost and Risk



# THE CURRENT SYSTEM AND A FEW YEARS AHEAD

We are changing our gas system

In the future we can handle biomethane production in almost any part of our system

Thank you for your attention

