



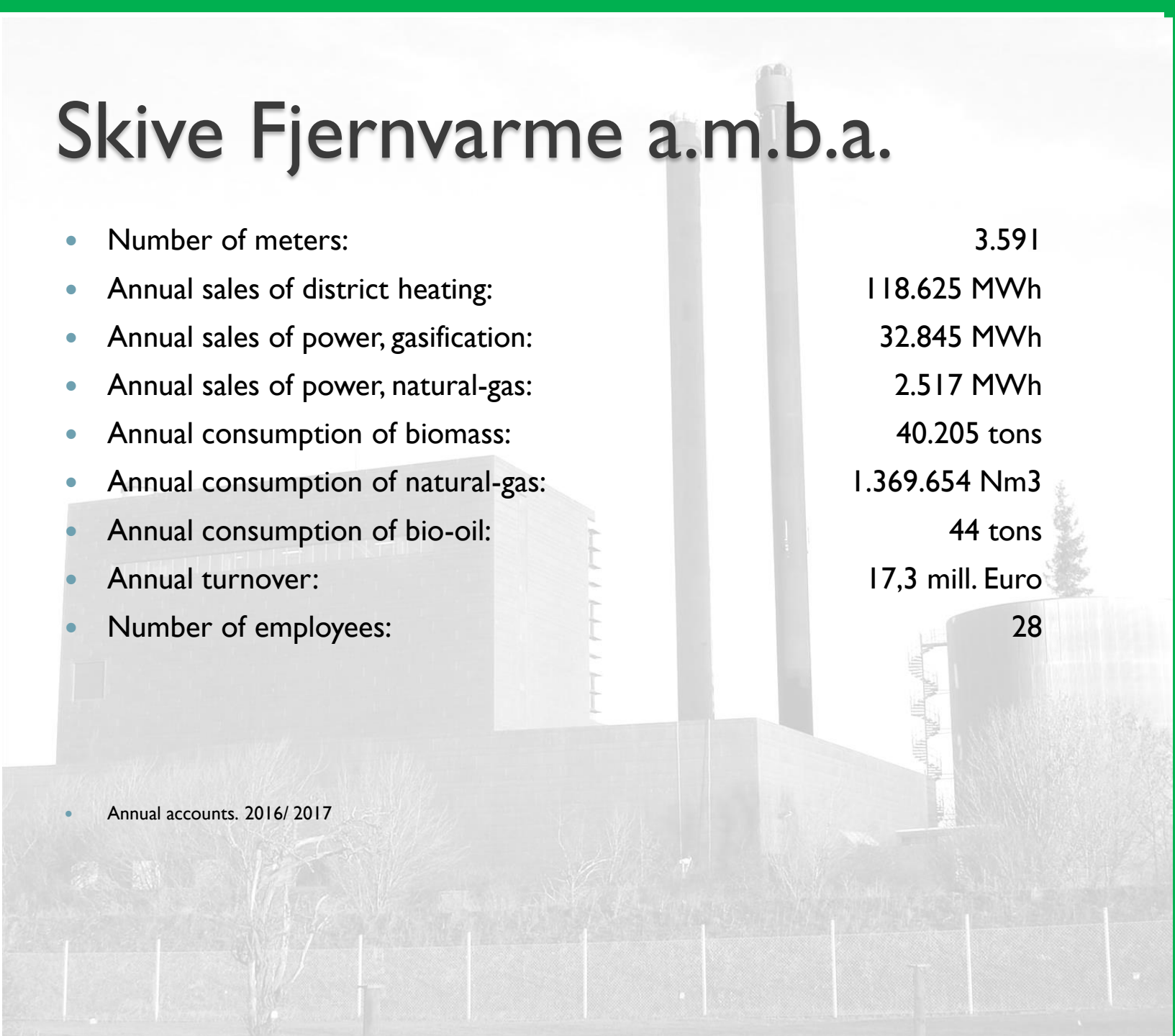
a.m.b.a.

SKIVE FJERNVARME



25. oktober 2017

Skive Fjernvarme a.m.b.a.



• Number of meters:	3.591
• Annual sales of district heating:	118.625 MWh
• Annual sales of power, gasification:	32.845 MWh
• Annual sales of power, natural-gas:	2.517 MWh
• Annual consumption of biomass:	40.205 tons
• Annual consumption of natural-gas:	1.369.654 Nm ³
• Annual consumption of bio-oil:	44 tons
• Annual turnover:	17,3 mill. Euro
• Number of employees:	28

- Annual accounts. 2016/ 2017

Production sites



Thorsvej

Gasification plant
2 Biomass boilers
4.000 m³ heat storage tank



Marius Jensens Vej

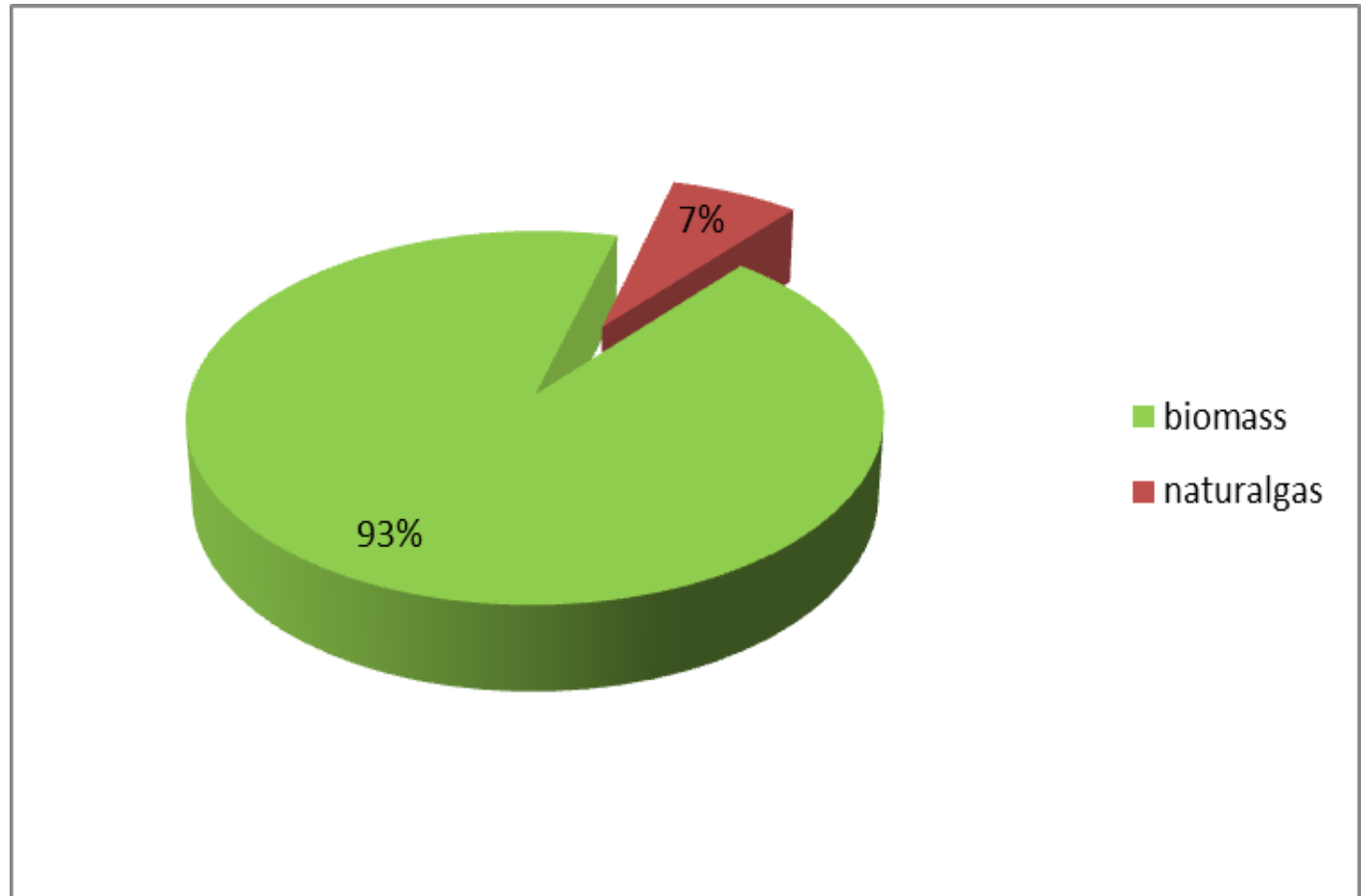
4 Natural gas engines
3 Bio-oil boilers
8.000 m³ heat storage tank



Højlundsvej

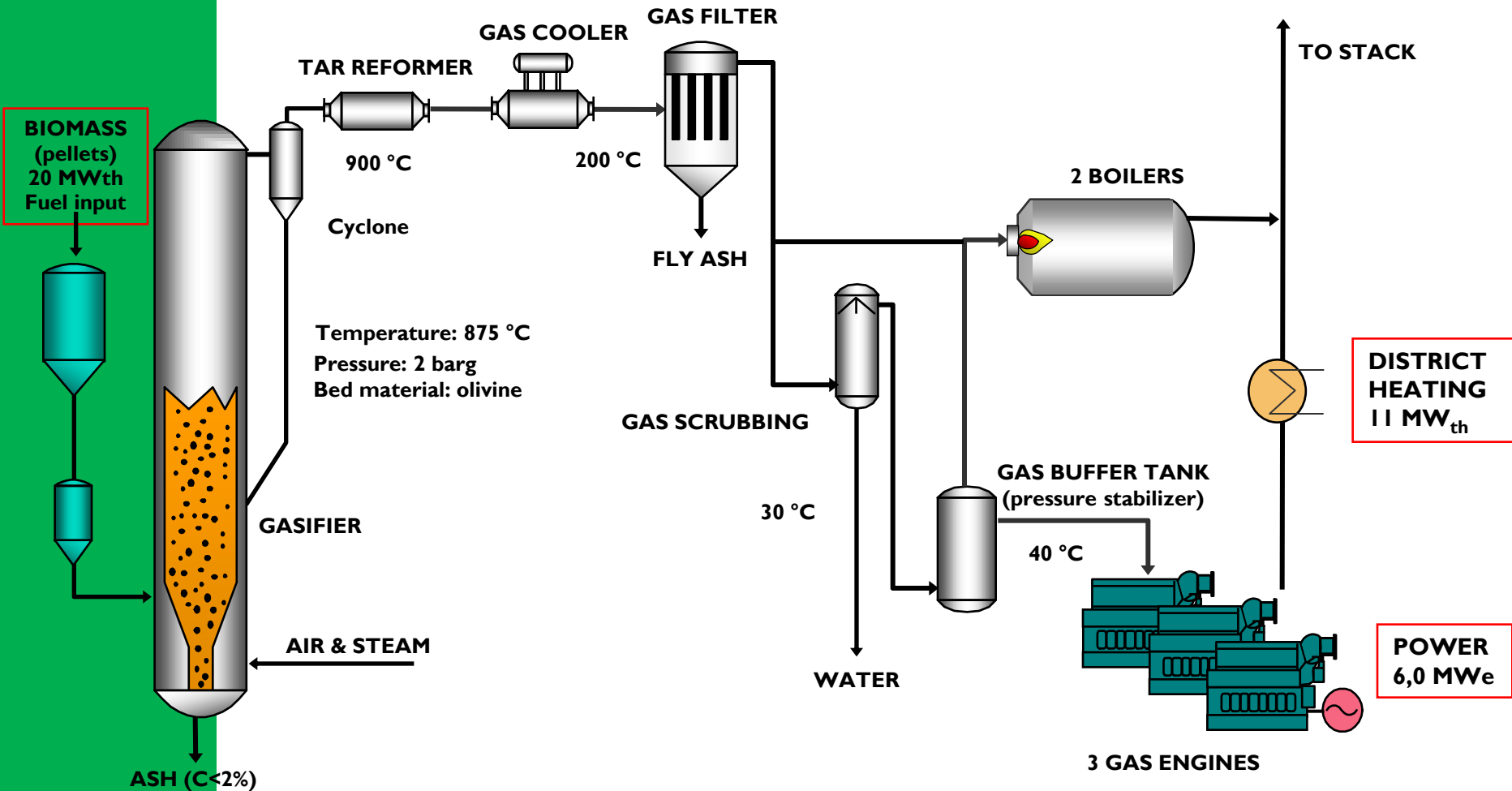
2 Natural gas boilers

Share of CO2 neutral production





Biomass Gasification Gas Engine



25. oktober 2017

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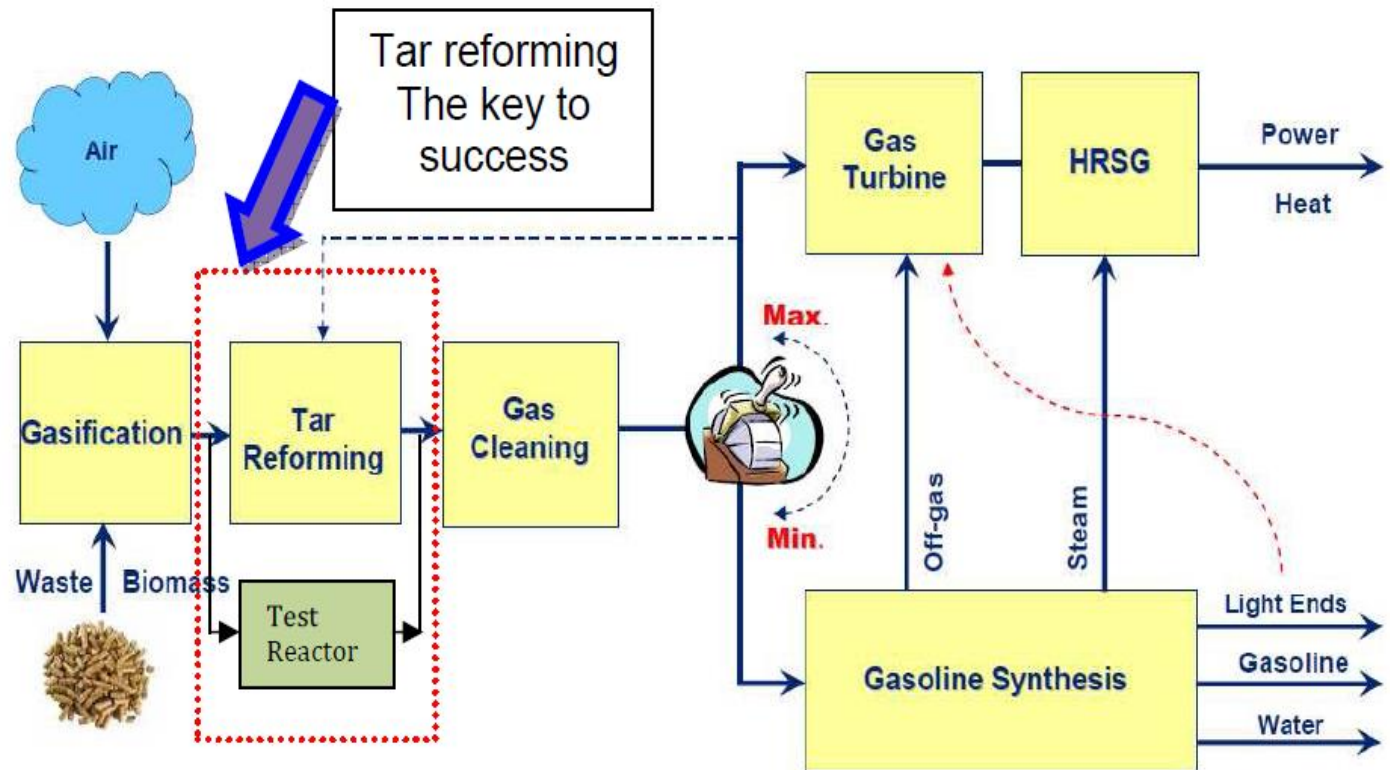
Gas composition after reformer.

- CO %-vol 20
- CO₂ %-vol 12
- H₂ %-vol 16
- CH₄ %-vol 4
- N₂ balance
- LHV MJ/m³n



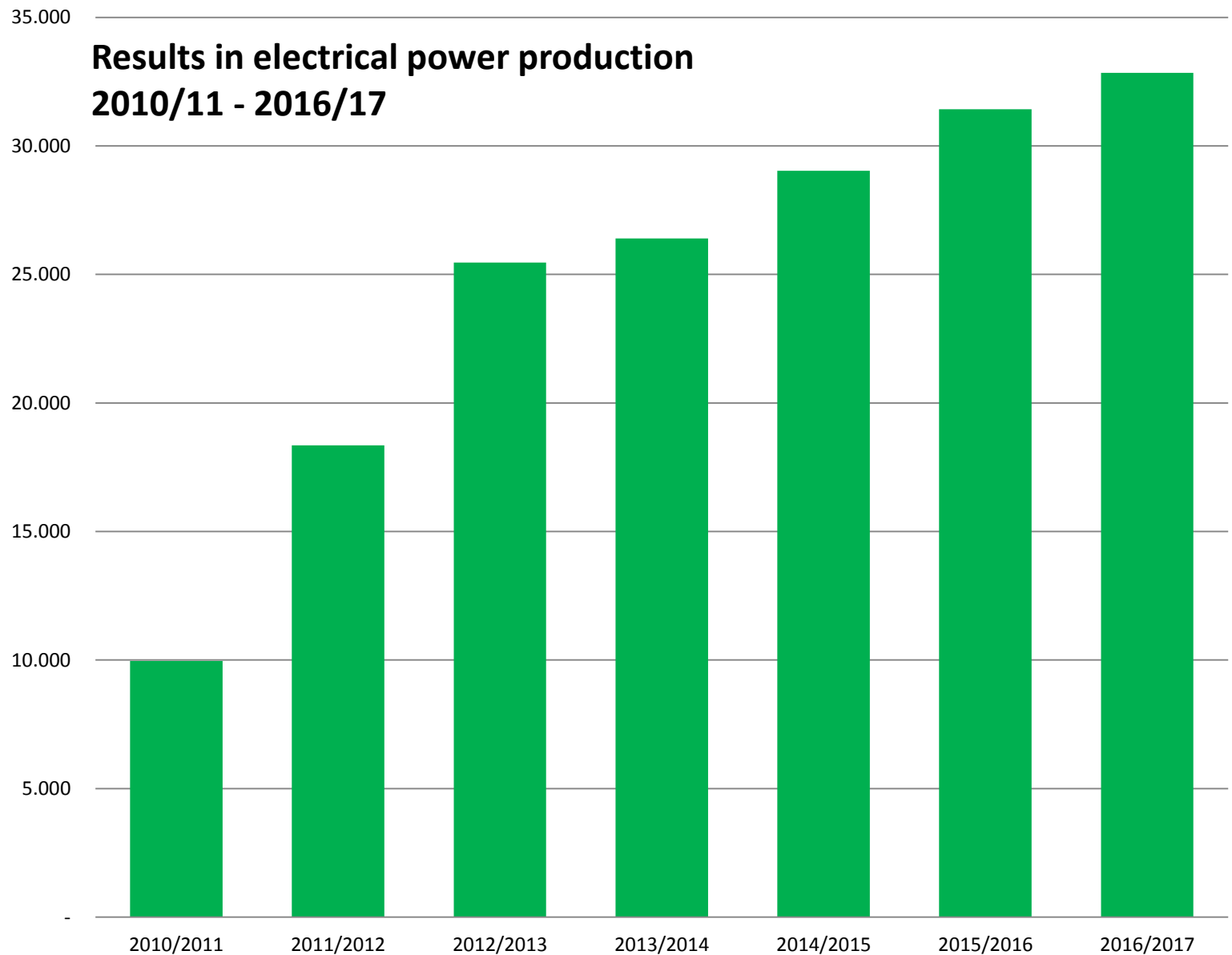
4.8 – 5.2

Utilization of syngas to production of liquid fuel founded by EUDP

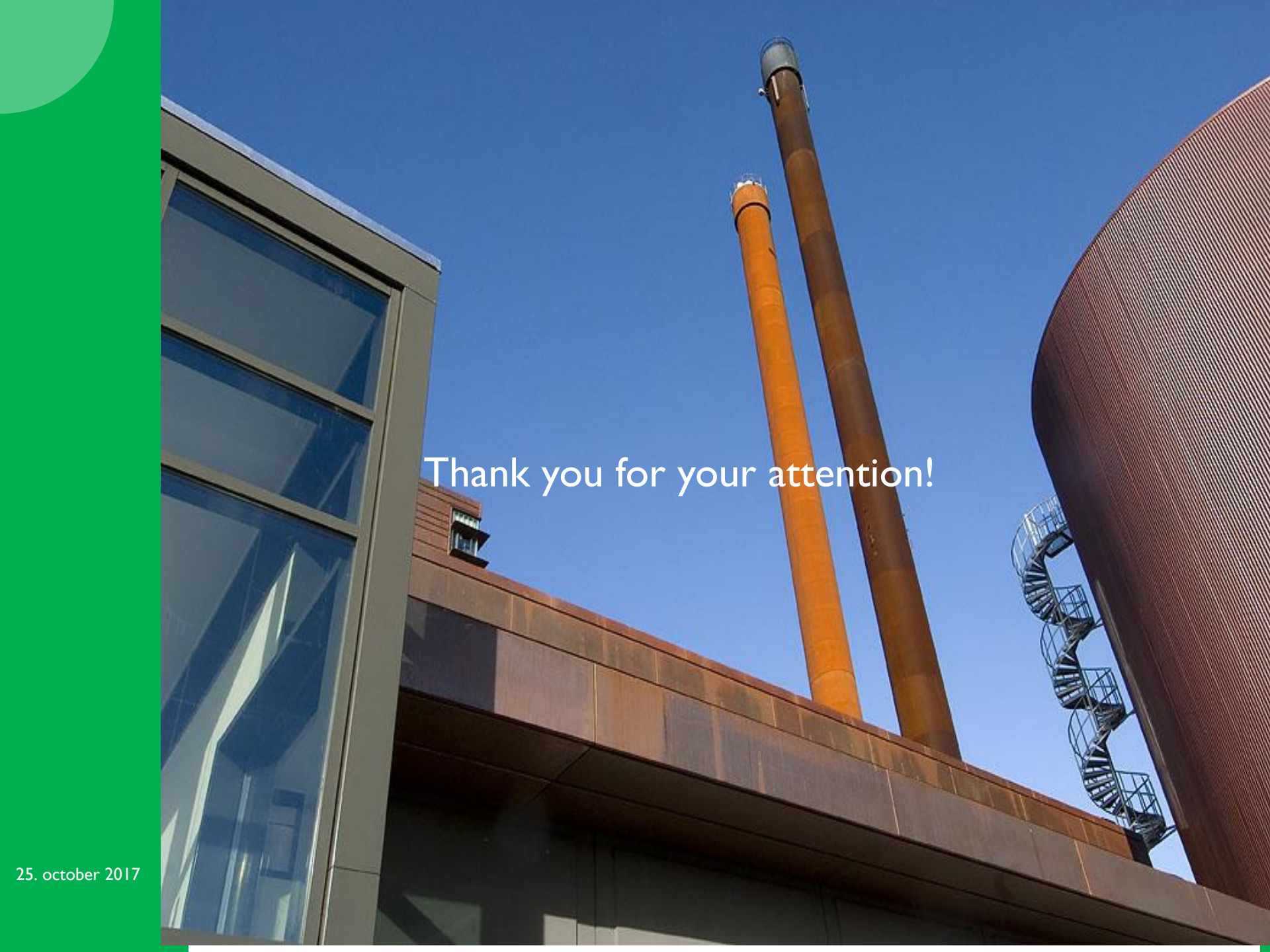


Companies involved in the project:
Haldor Topsøe A/S
Danish Technological Institute
ChimneyLab Europe
Skive Fjernvarme a.m.b.a

Results in electrical power production 2010/11 - 2016/17



■ Produktionsudvikling i MWh...

A low-angle photograph of an industrial building with a modern facade of large glass windows and a section with a textured, copper-colored metal finish. Two tall, rusted metal smokestacks rise vertically from the roof against a clear blue sky. To the right, a large cylindrical structure with a similar textured surface is visible, featuring a spiral staircase. The overall scene is brightly lit, suggesting a clear day.

Thank you for your attention!