



# HOFOR WOOD CHIP BOILER



# THE COMPANY TODAY



AMAGERVÆRKET



DISTRICT HEATING



WATER



RENEWABLE ENERGY



TOWN GAS



DISTRICT COOLING



WASTEWATER

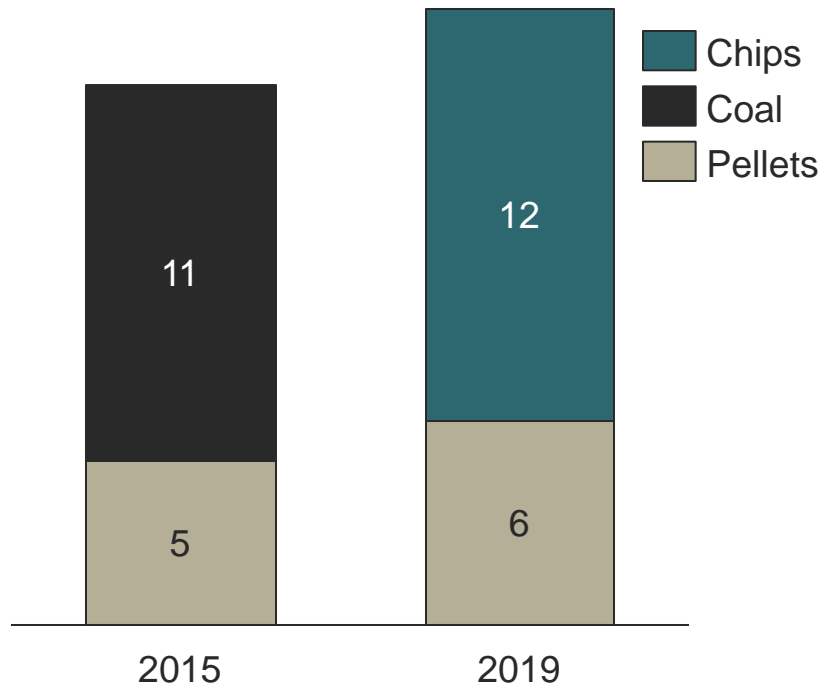
- ▶ Denmark's largest utility company within our core areas
- ▶ More than 1000 employees
- ▶ More than a million customers in Greater Copenhagen
- ▶ More than DKK 5.3 billion in net turnover
- ▶ More than DKK 1.5 billion invested annually in pipelines, cables and wind turbines
- ▶ Total fixed assets: DKK 24 billion



# By 2019 biomass will replace fossil fuels in heat production

## HOFOR fuelmix

Fuel consumption (mill. GJ):



## Building unit 4 is paramount for achieving our goals

- Unit 4 is a 500 MW wood chip fired boiler
- Expected consumption approx 1.2 mio. ton/yr



- Replacing fossil fuels with biomass results in a substantial CO<sub>2</sub>-reduction
- Goal is to secure sustainable, cheap and reliable heat to Copenhagen

# New wood chip fired boiler to be commissioned in 2019

Expected



- Test of cranes 2018
- Test of boiler in 2019
- Expected commissioning in 2019



- First delivery of wood chips in 2018
- Steady delivery of wood chips from Q2 2019

# Sourcing of Wood chips

## **Biomass**

- Both wood chips and logs

## **Vessels**

- All sizes up to supramax can be handled

## **Consumption**

- Approx 1.2 mill. tons of wood (chips and logs) per year
- Mainly consumption during heating season

## **Sustainability**

- SBP will be required