

# District Energy in Chile - International Experiences - **Business Model** Sonderborg

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# Agenda



- ◆ Framework
- ◆ Ownership
- ◆ Business model
- ◆ Funding





## ◆ Danish regulatory framework - District heating

- Fossil free energy by 2050
- Local regulation of heating source - Energy planning
- State controlled pricing - monopoly control
- State controlled subsidies to energy source - Energy Charges



# Ownership



- ◆ Non-profit company
- ◆ Users = owners (Cooperative)
- ◆ Local government ownership





## NON PROFIT

- ◆ Low risk for users/customers
- ◆ Lowest possible heating price
- ◆ Involvement - acceptance



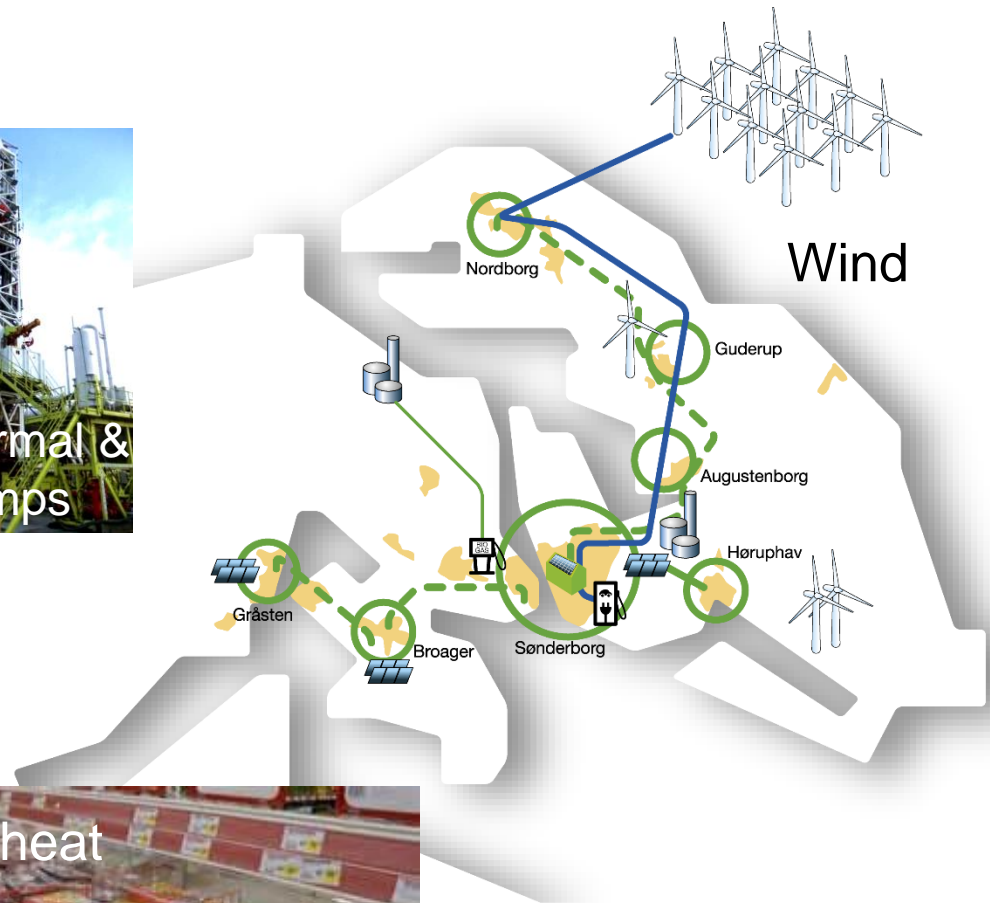


- ◆ Cheap loans
- ◆ Access to guarantees - local government
- ◆ Based on normal company economics calculations
- ◆ Based on community economy calculations



# Green District Heating as the heating backbone

With multiple GREENfuel sources



# The way forward



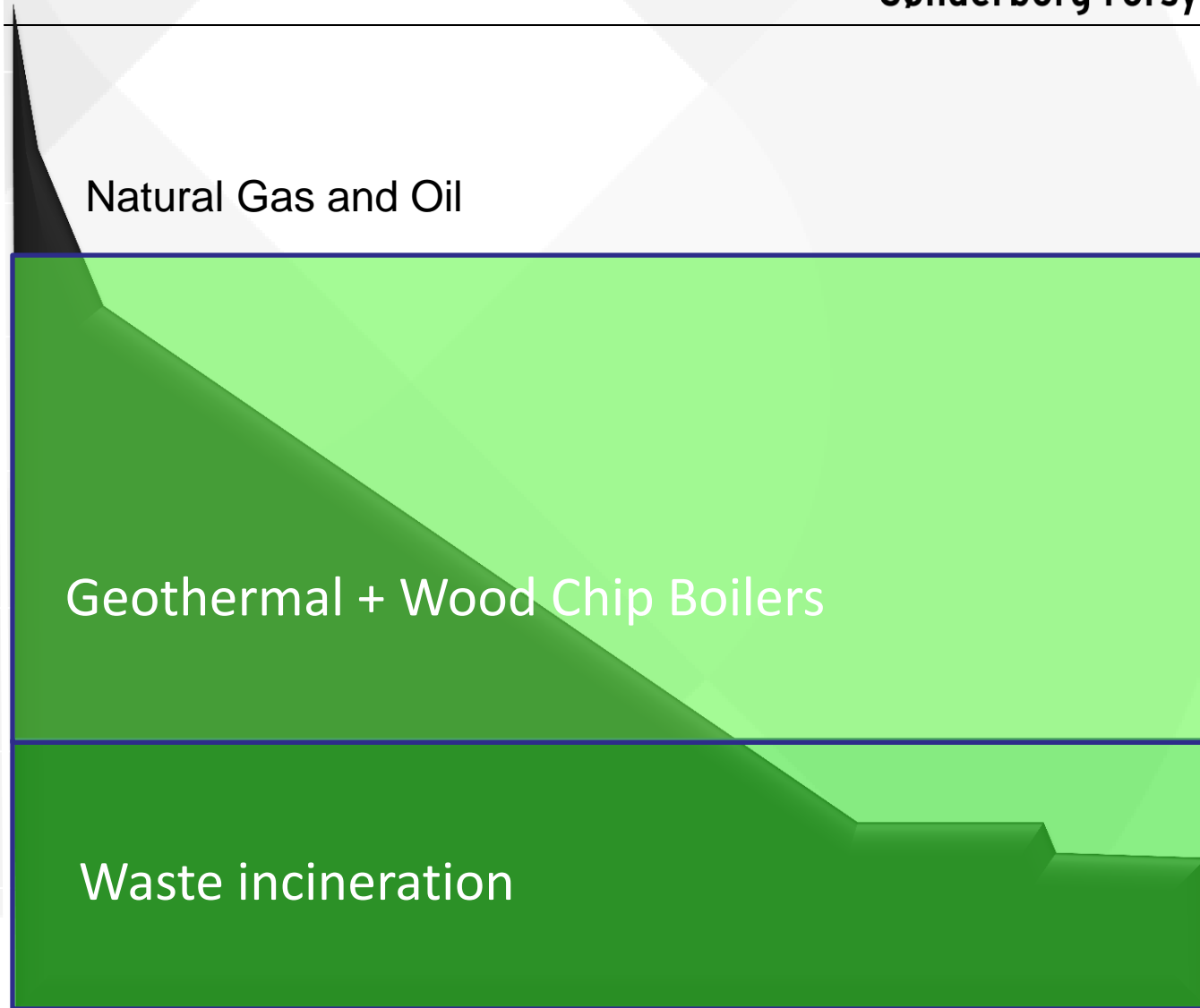
- ◆ Multiple fuel plants
- ◆ Increase utilization of plants
  - Increase supply area
  - Increase flexibility of plants
- ◆ Focus on customers
  - Private households
  - Industry
  - Buildings with low energy consumption
- ◆ Cooperation with other utility companies
- ◆ Internal processes





Heat Demand  
MW

Sønderborg Forsyning





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