



COLD STORAGE

Padborg District heating



1.200
kW Heat Recovery

Padborg, Denmark

Installed in Q4 2020

Population 4500

Equipment

1 Power CO₂OL



Modulating ejector



Flooded MT / LT



District heating

Optimization of industrial wastewater

- Local dairy production site rejected 20°C water into the sea. This is the cold source of the city with 1200kW water / water heat pump.
- COP of 3,7
- Hot water 35/70°C for district heating
- Higher COP than HFO or NH₃ in same conditions.

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