



# CARTESIAN

THERMAL ENERGY STORAGE

## Compact thermal energy storage for commercial buildings

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Proptech 2026 – BEAT-klyngen

[www.cartesian.no](http://www.cartesian.no)

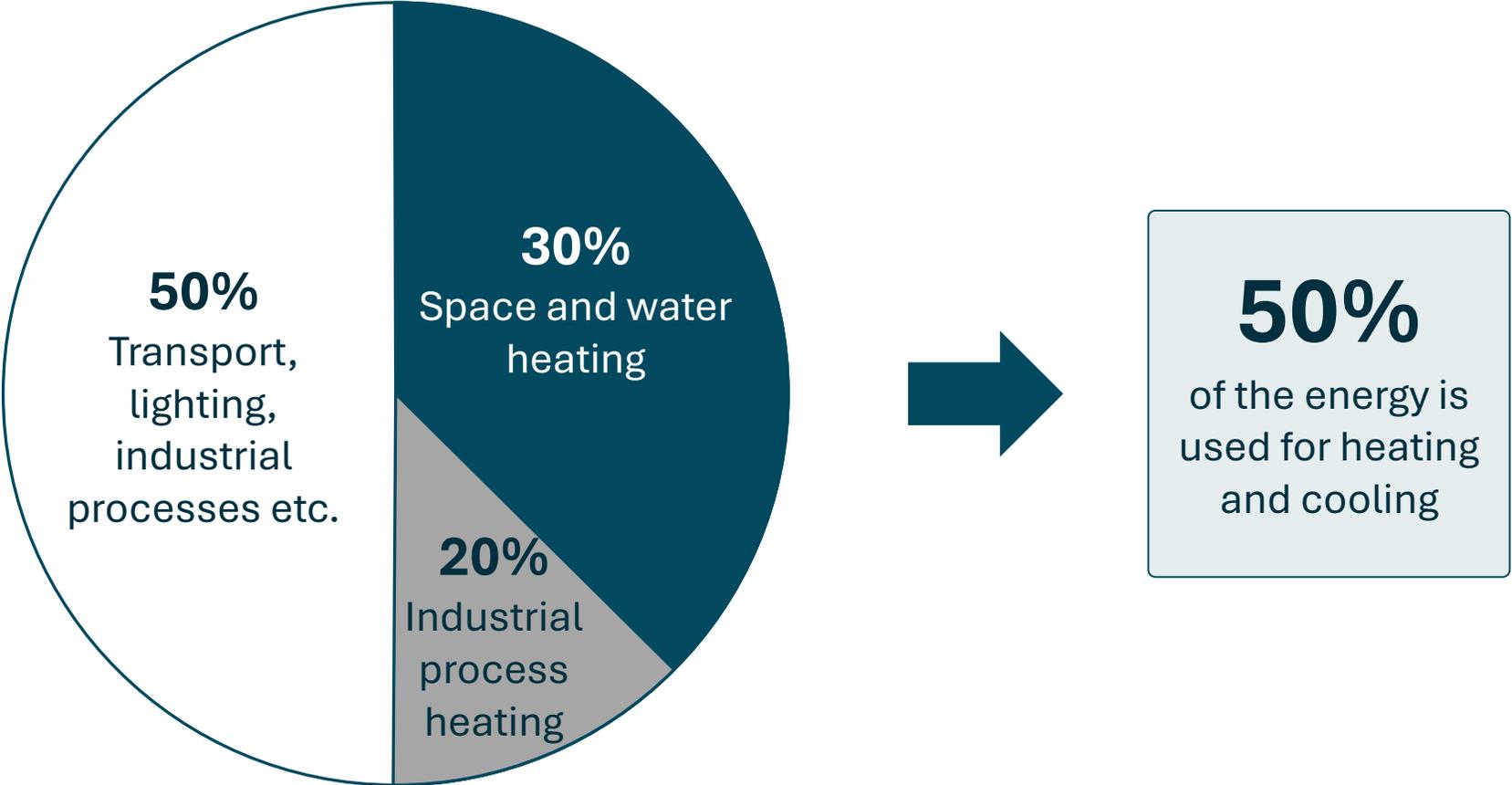


DESIGN  
PLUS

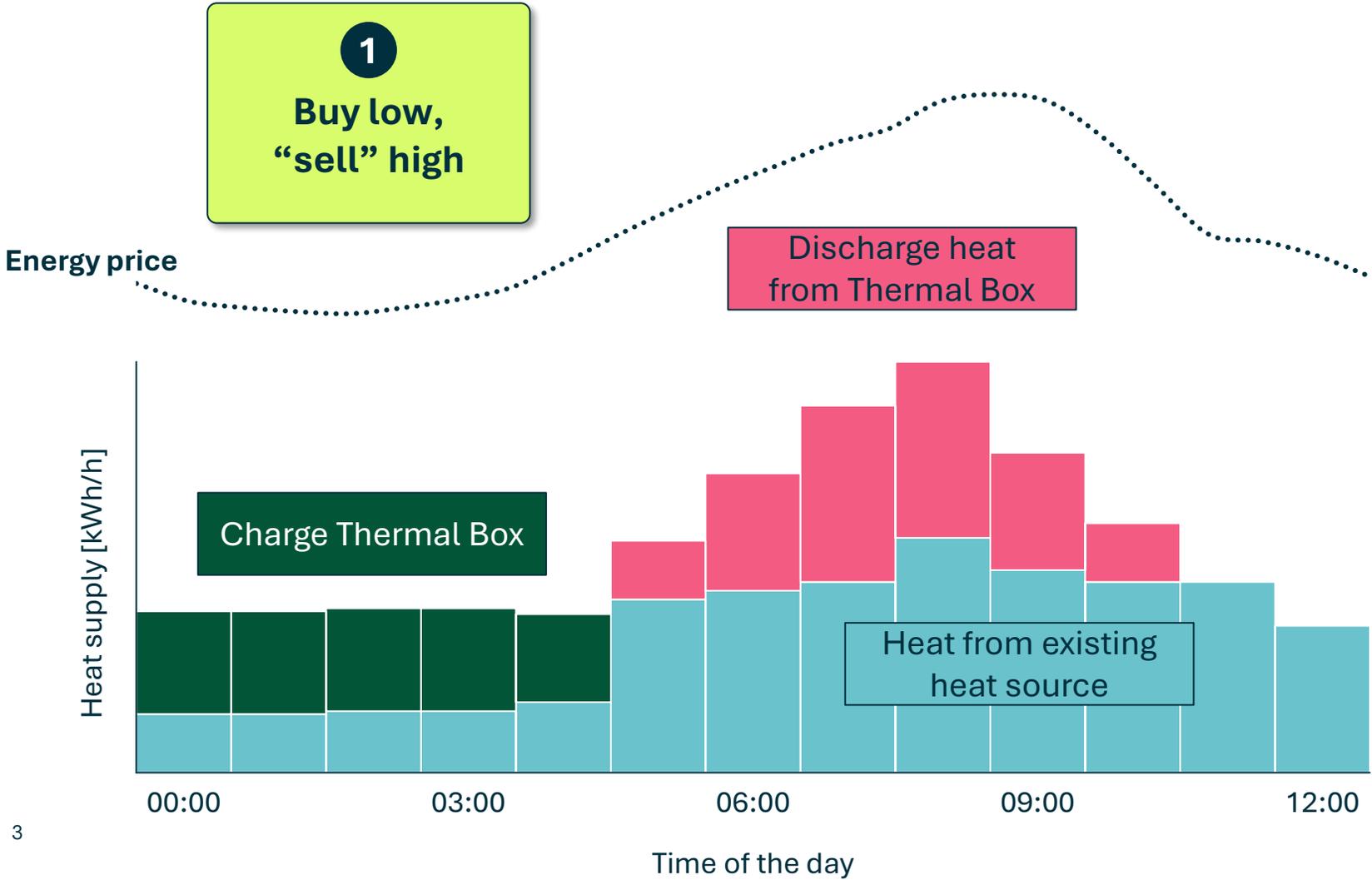
Winner

# 50% of the energy used in Europe is for heating and cooling buildings

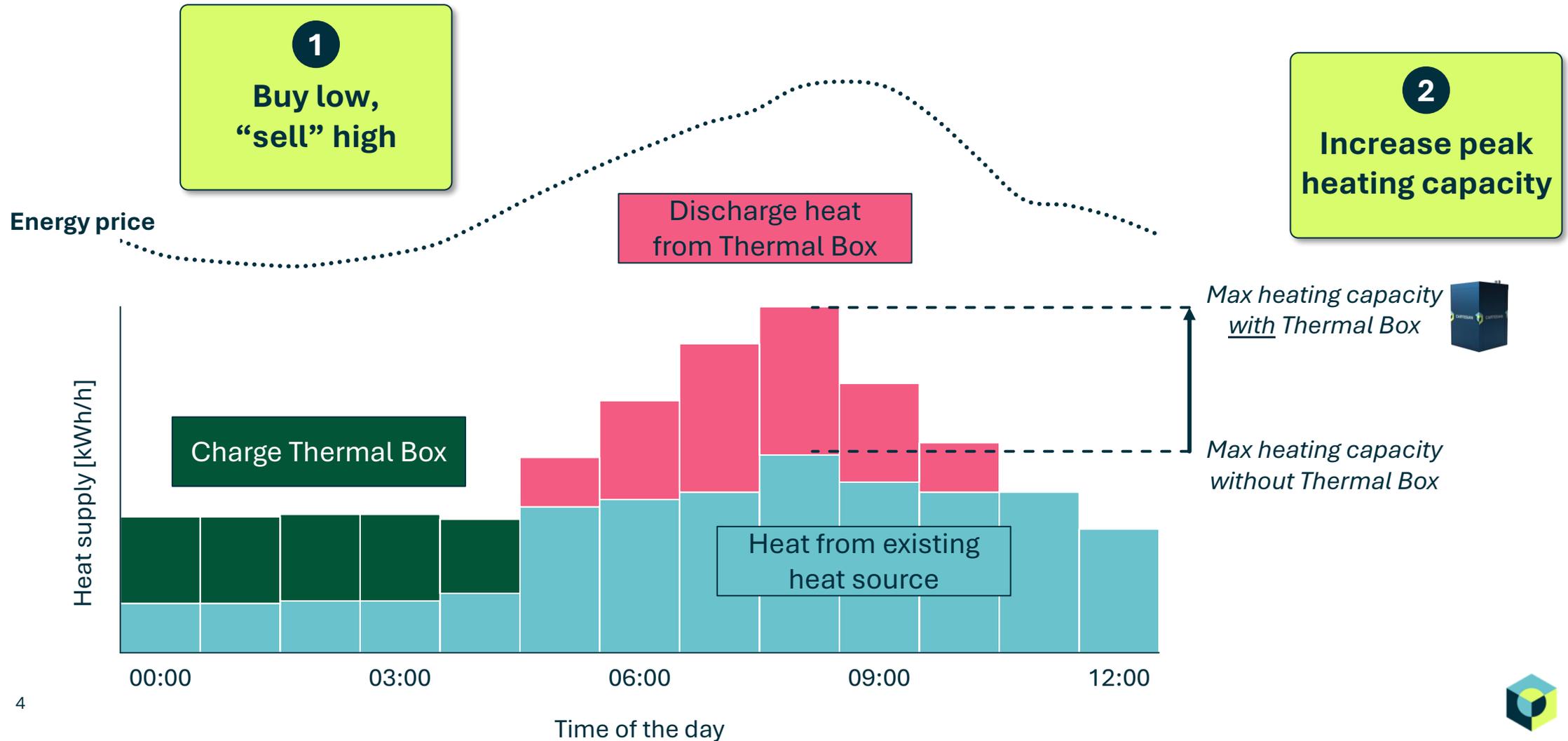
Europe's energy consumption



# Heat is stored when cheap and released when expensive



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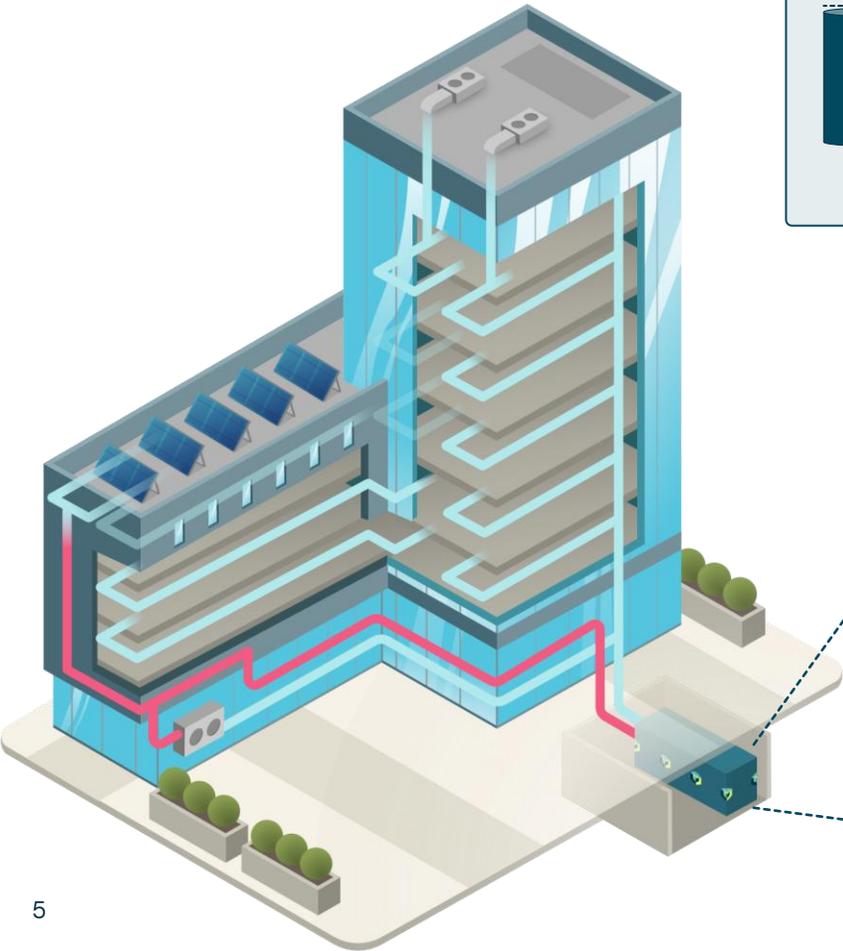
# We reduce energy costs for buildings in a safe and sustainable way



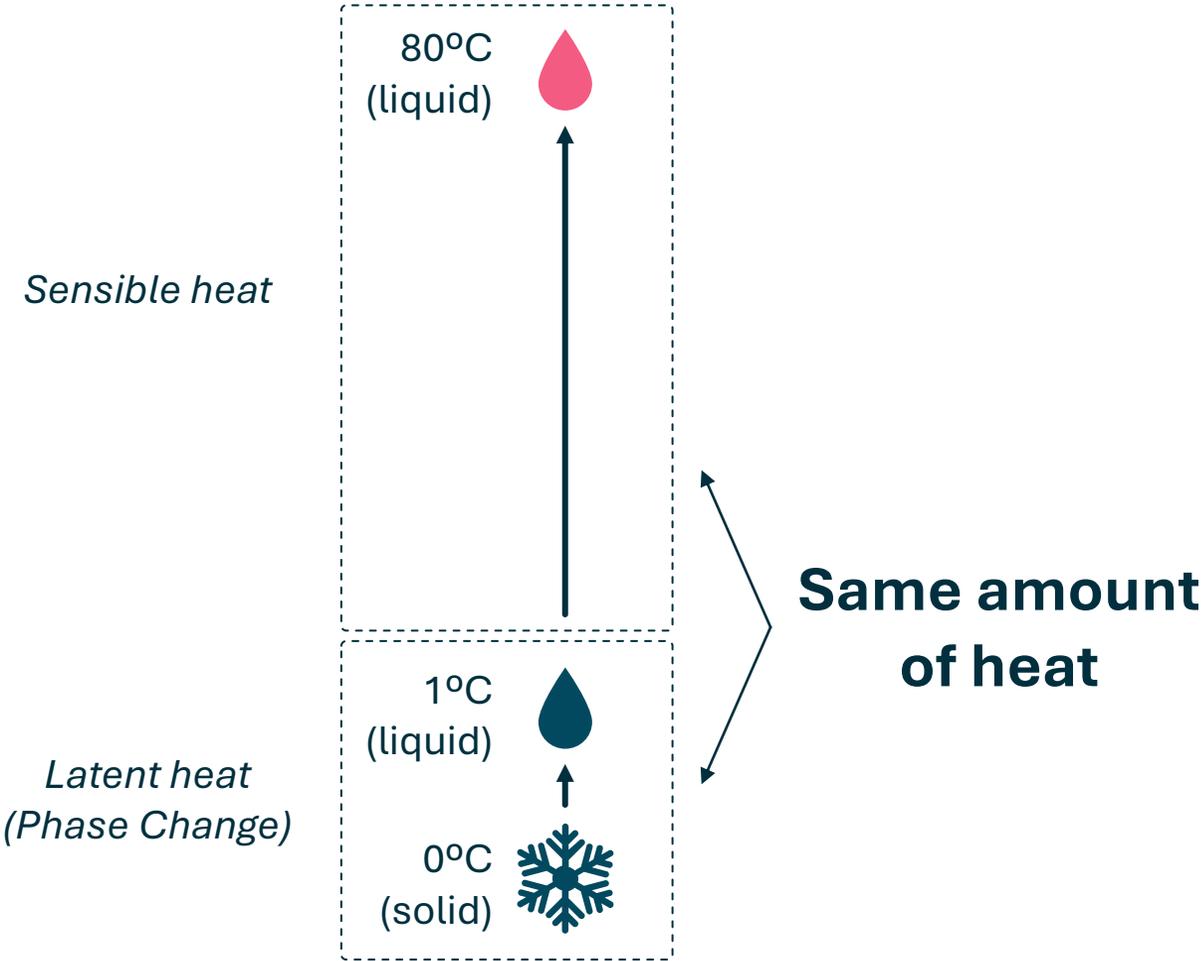
**Up to 80%**  
less space than  
water tanks



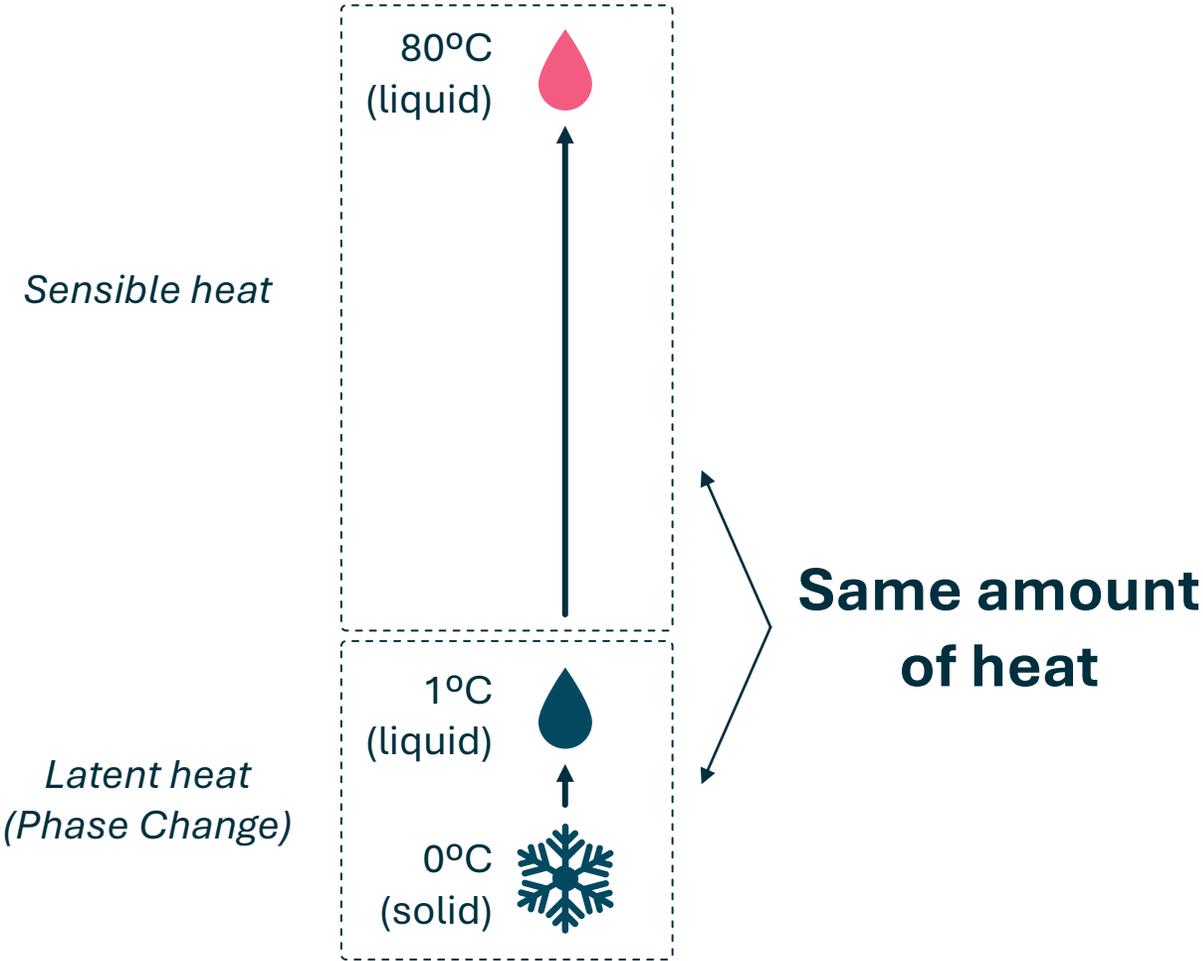
**Safe**  
with no risk of fire or  
explosion



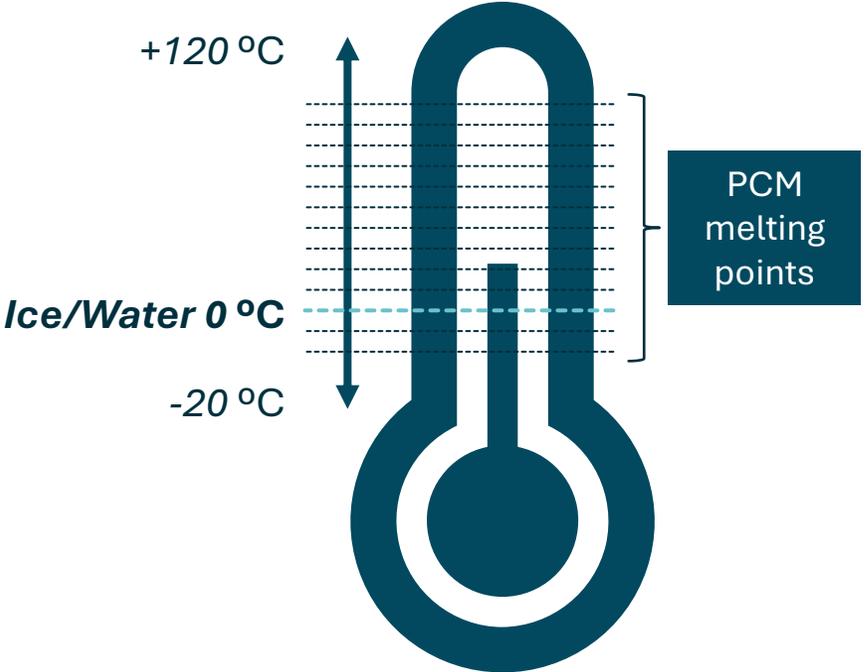
# Cartesian's Phase Change Materials store more energy with less space



# Cartesian's Phase Change Materials store more energy with less space



## Flexible set temperatures for all needs



# Selected Thermal Box installations

## Commercial buildings



Norway  
Trondheim



France  
Lyon



Czechia  
Moravský Krumlov



Norway  
Bergen



Lebanon  
Beirut



Norway  
Drammen



Norway  
Trondheim

## Technology validation



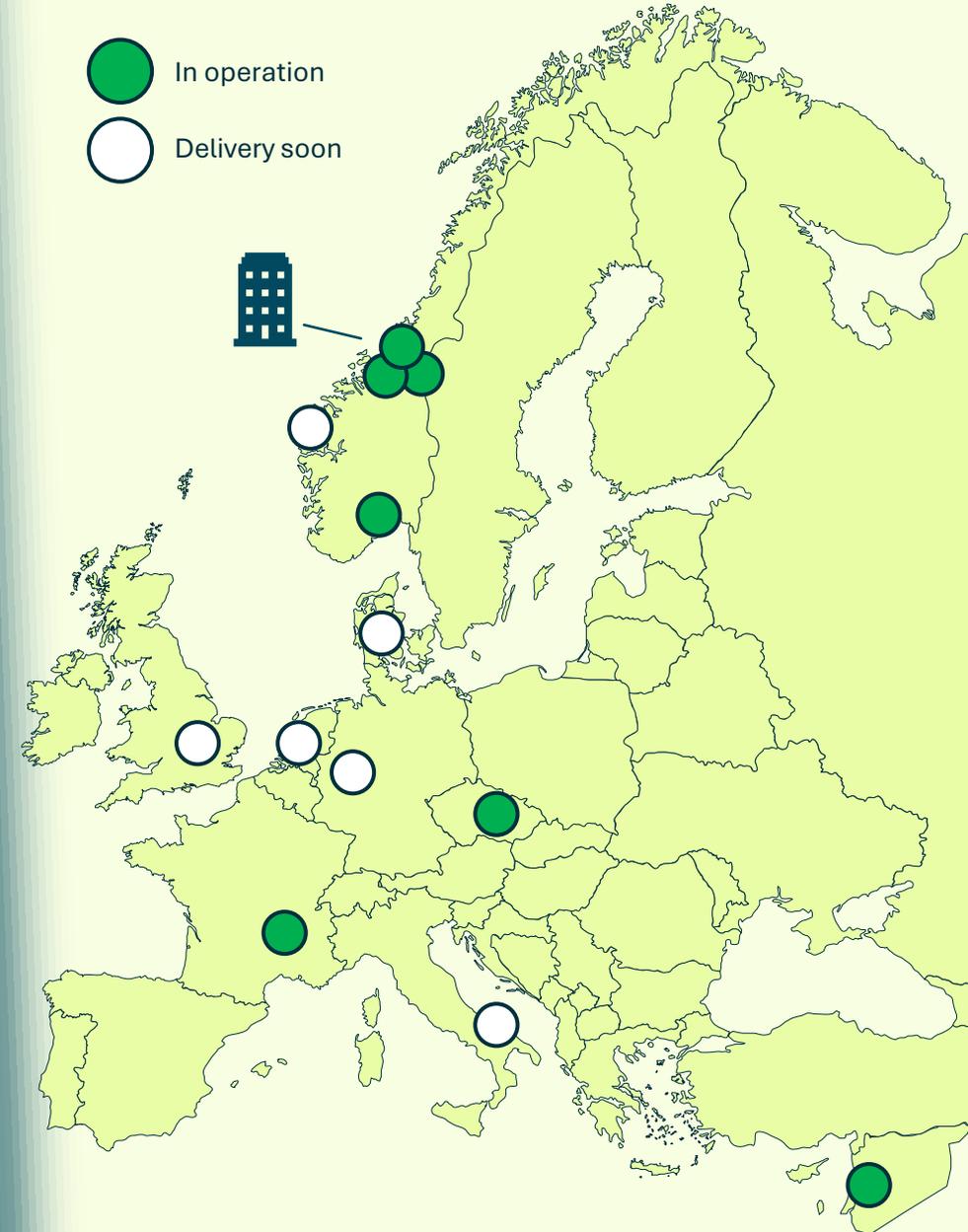
Norway  
Trondheim



Denmark  
Copenhagen



Netherlands  
Amsterdam



# Energy when you need it!

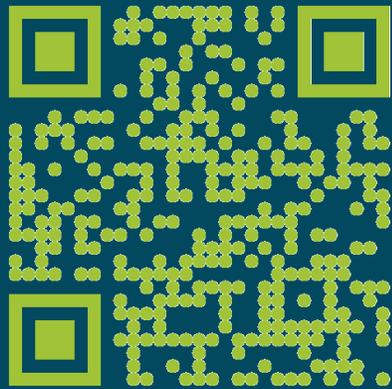
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**amazon**  
sustainability  
accelerator



**DESIGN  
PLUS**

Winner



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