

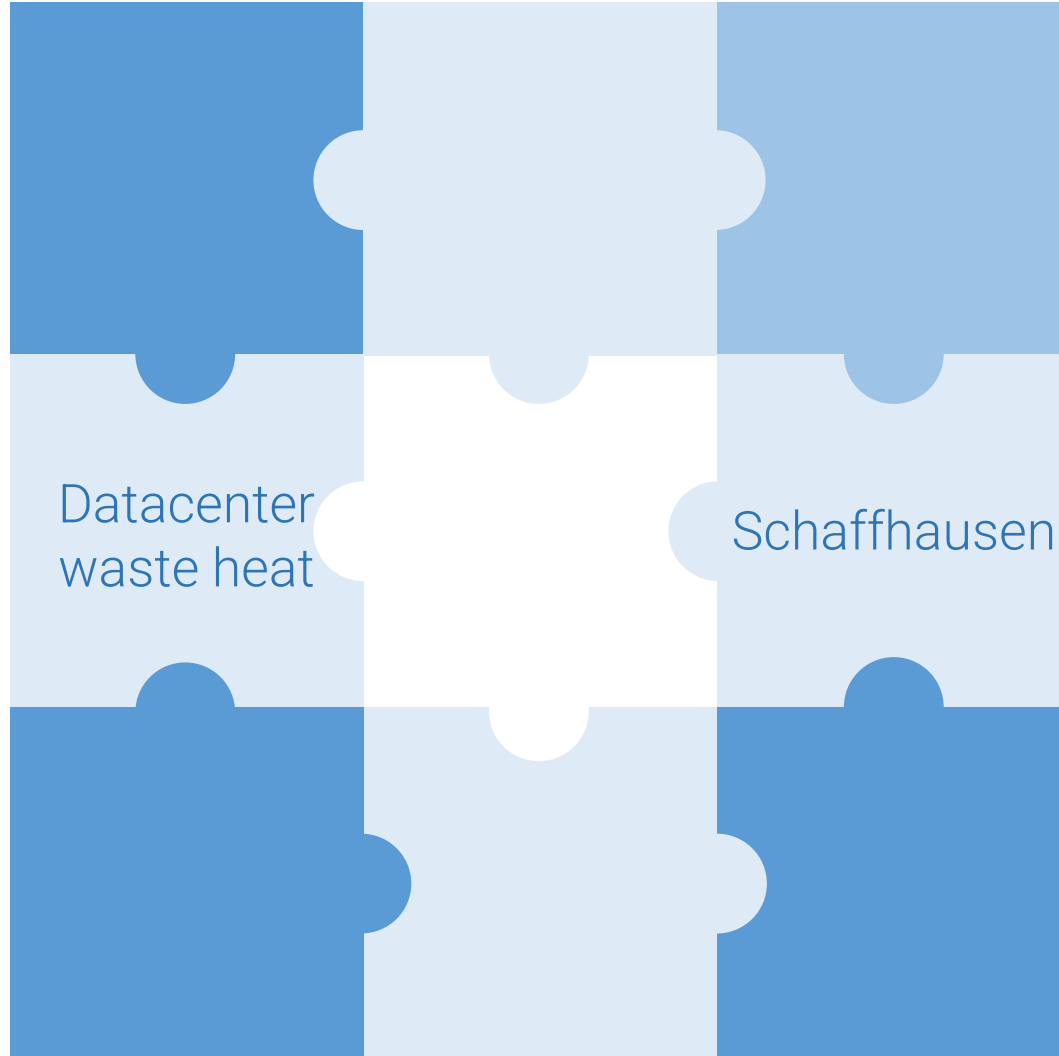


## Pit thermal storage project Beringen/Schaffhausen

13<sup>th</sup> Swiss Symposium Thermal Energy Storage

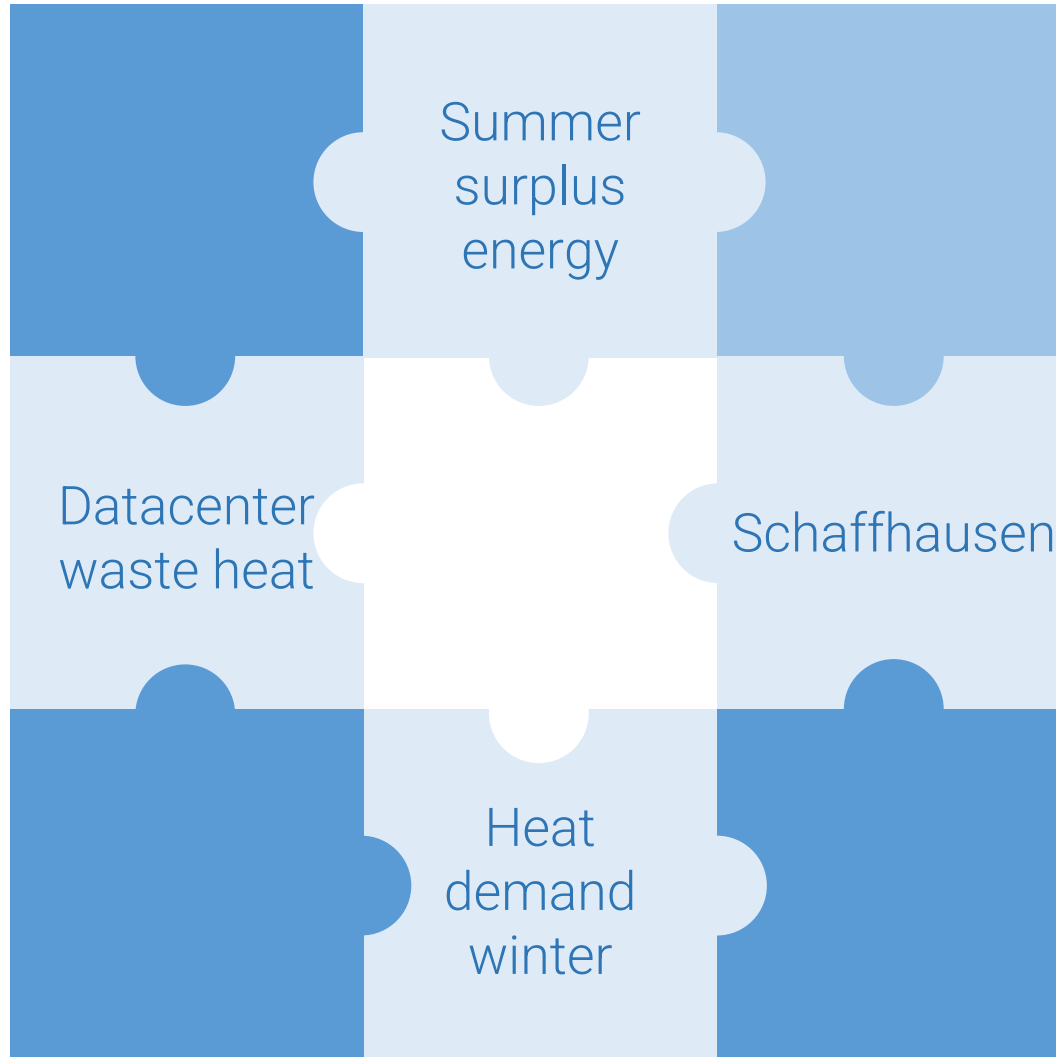
quit fossil, go renewable!

## good starting position



2027  
365 GWh  
100 GWh  
10 MW  
4 km

## energy or power?



2027

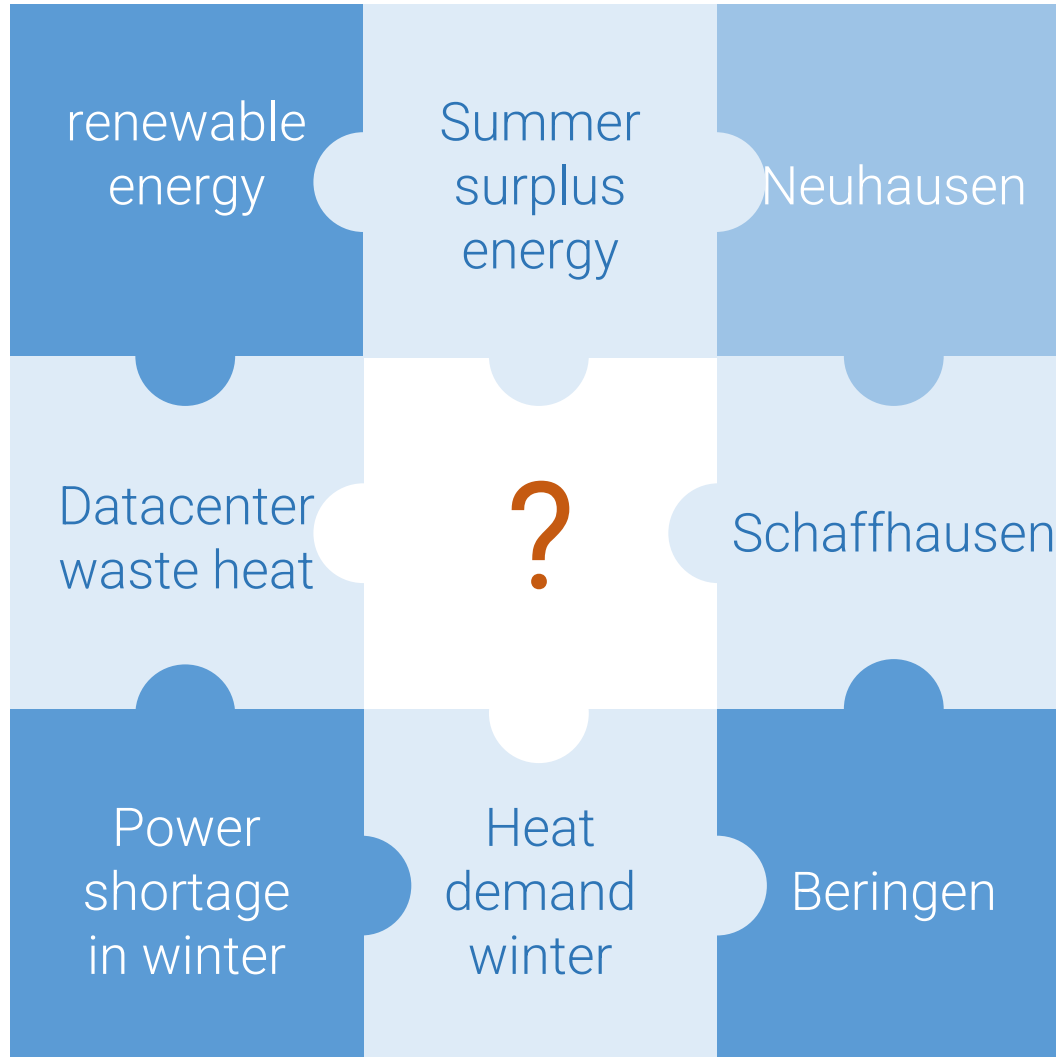
365 GWh

100 GWh

10 MW

4 km

## The crucial piece is missing...



2027

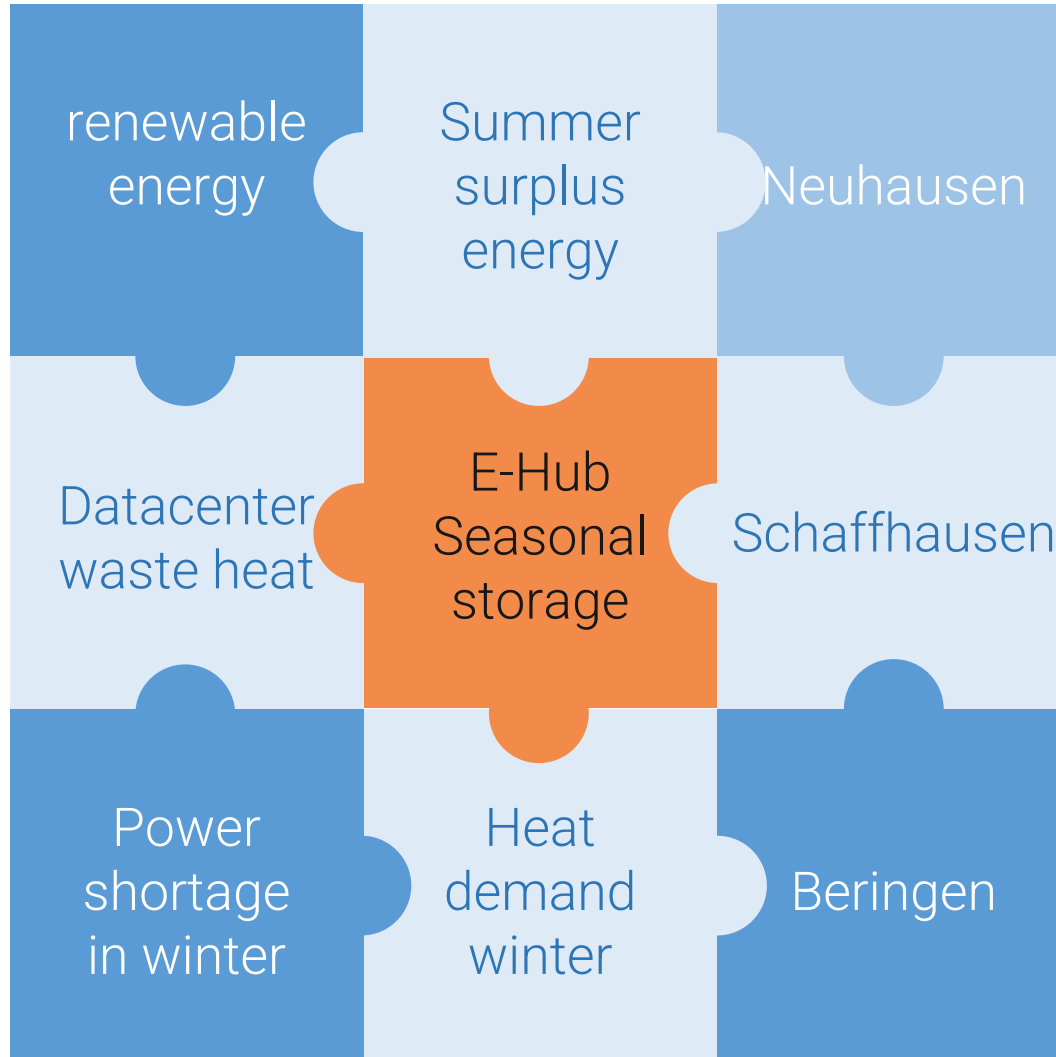
365 GWh

100 GWh

10 MW

4 km

## The crucial piece is missing...



2027

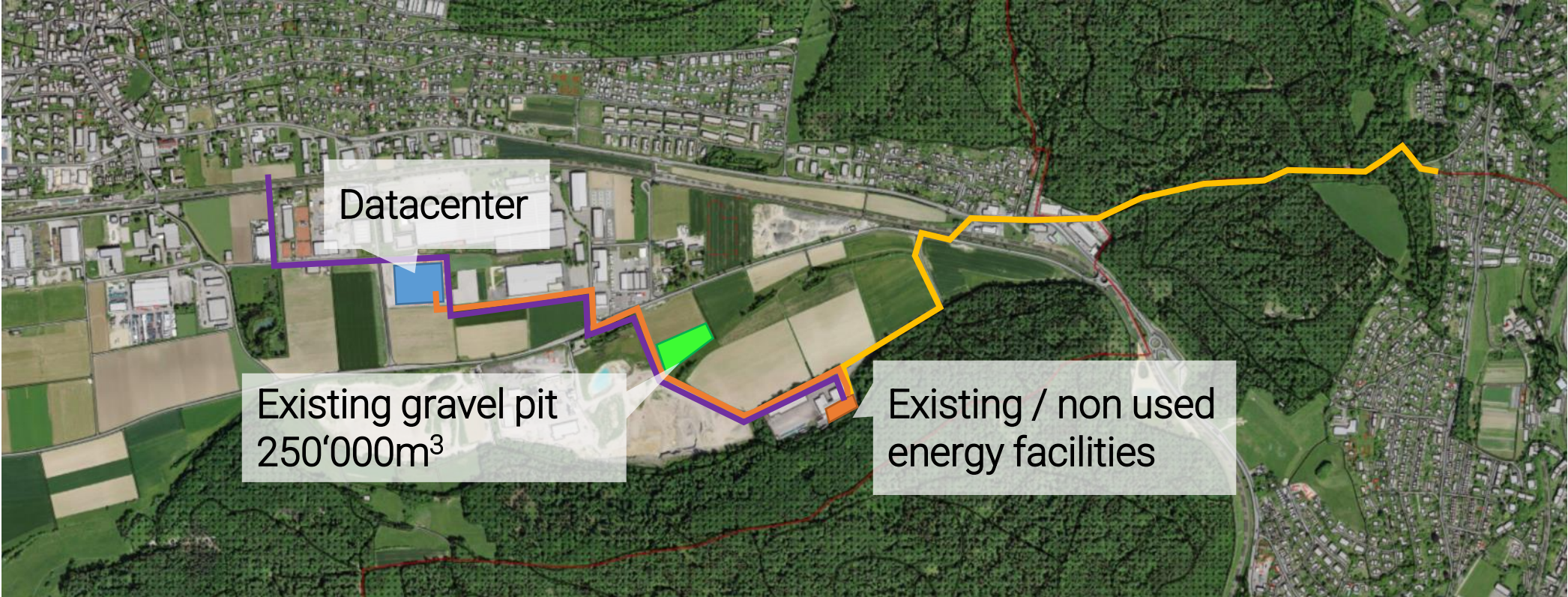
365 GWh

100 GWh

10 MW

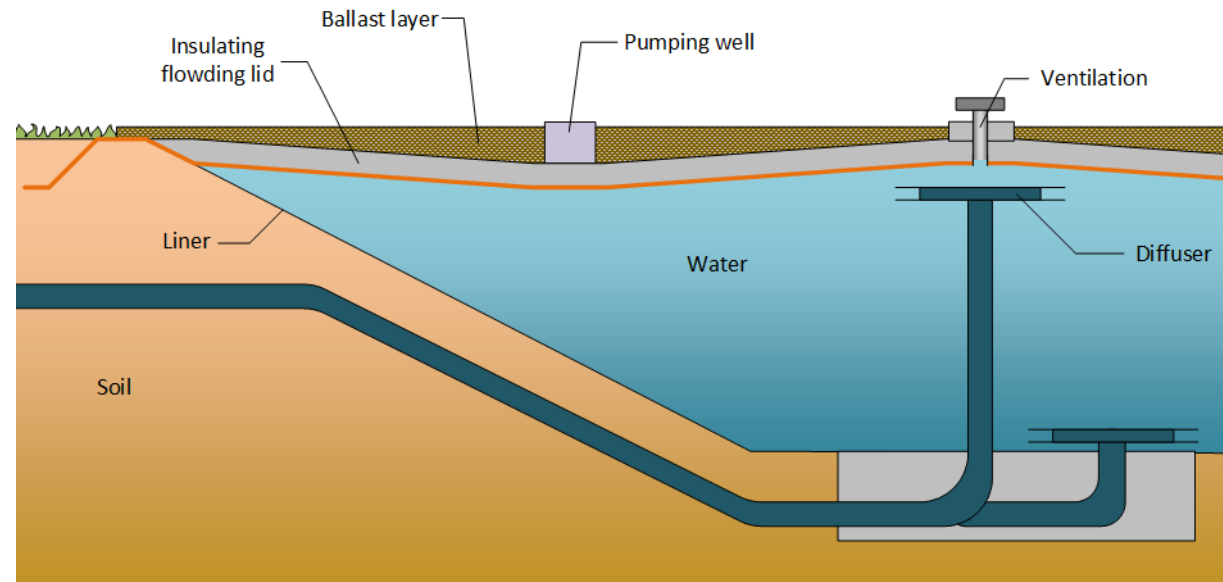
4 km

# the lucky punch

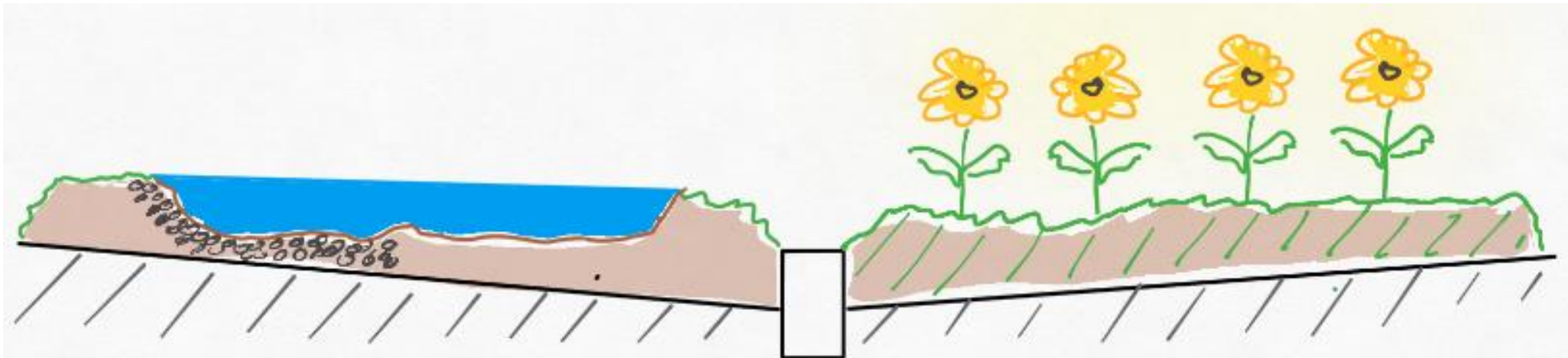


## Facts and figures

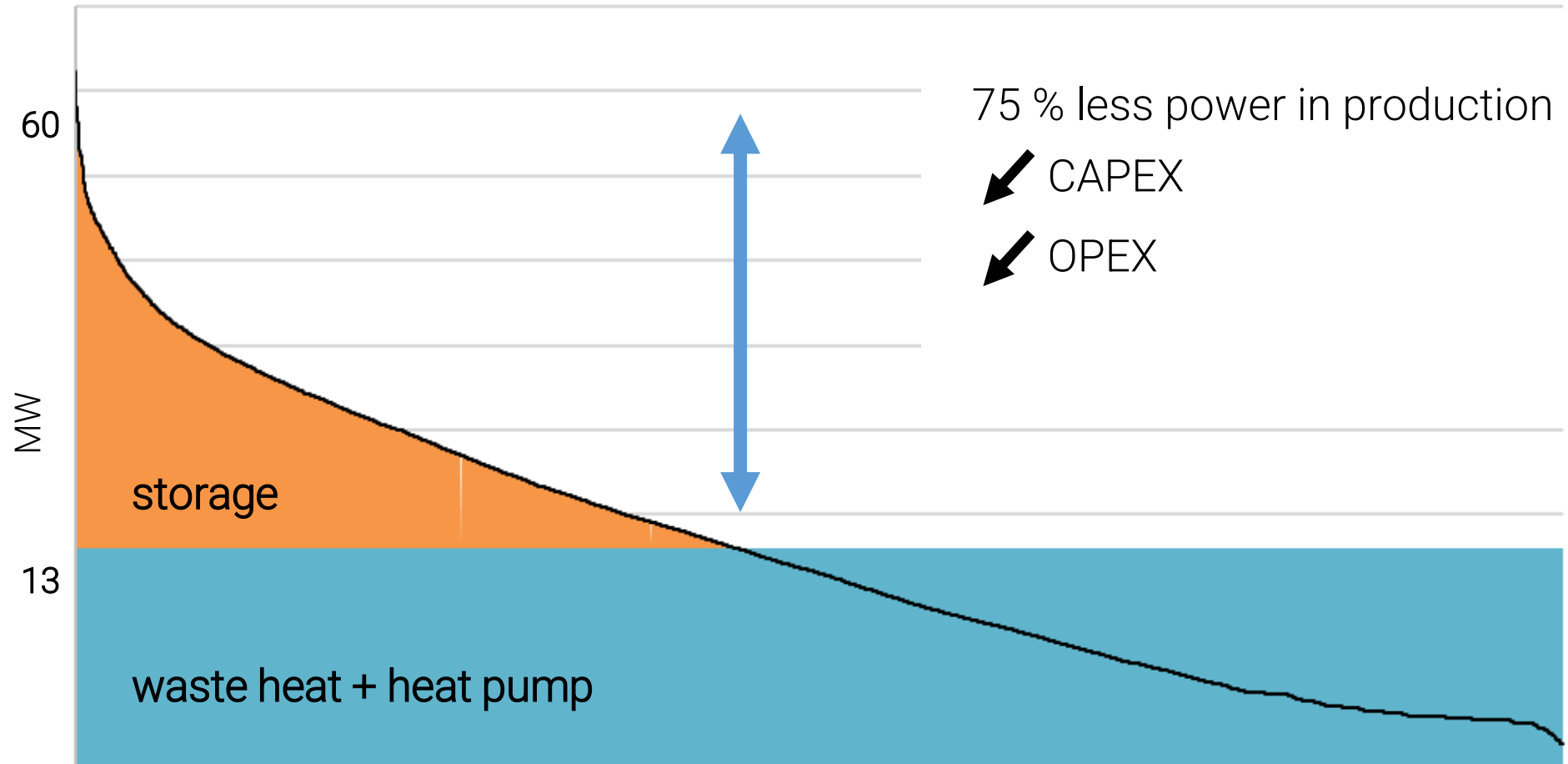
- 90°C
- 250'000m<sup>3</sup>
- 8'800m<sup>2</sup>
- 45m deep
- 80° wall steepness
- 70 Mio CHF



## regulatory approval process



## From tech to financials



## findings



Technically feasible



Availability of waste heat



Regulatory approvals, EIA



Economic viability



acceptance

- new in Switzerland
- political process
- Too big for the local provider



Together we are pioneering

Andreas Stalder

CEO

Direkt +41 43 466 60 51  
Mobil +41 79 307 19 72  
andreas.stalder@renercon.ch