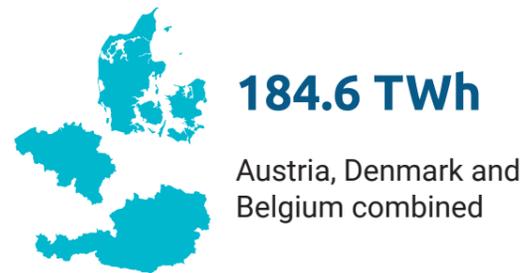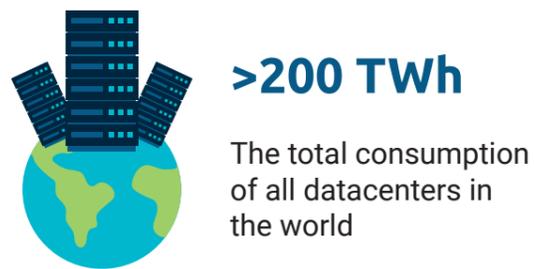# MINIMIZE DATA CENTER WASTAGE TO MAXIMIZE PERFORMANCE

KUBERMATIC
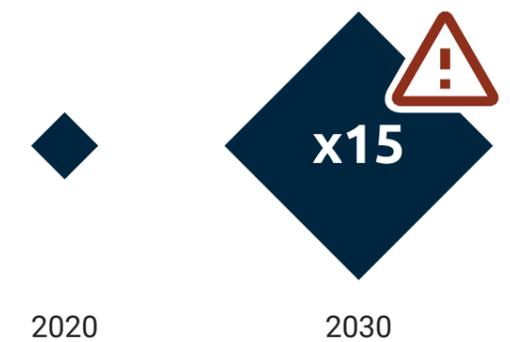
Energy usage at data centers

86% Hardware & Cooling →

11% Storage

3% Network

50% wasted on idling servers

>200 TWh

The total consumption of all datacenters in the world

>

184.6 TWh

Austria, Denmark and Belgium combined
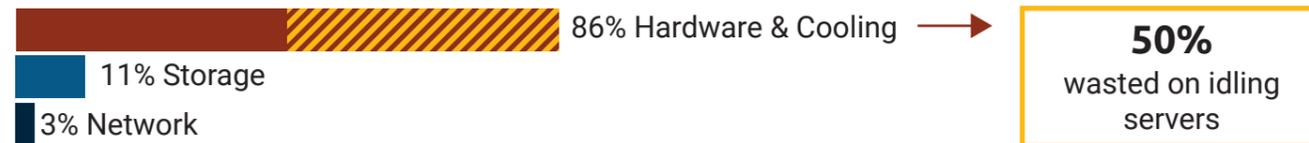
1 data center could power 50 homes

1 Data center   50 Homes
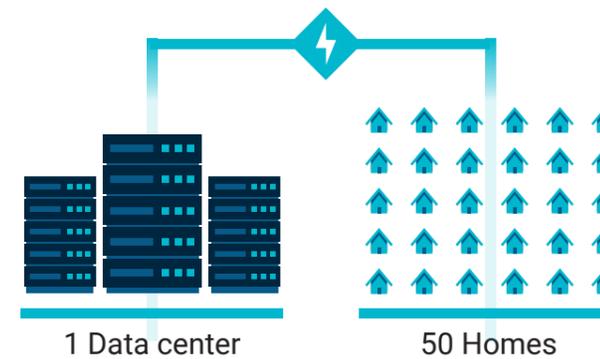
By 2030 data center energy consumption will multiply by a factor of 15

x15

2020   2030

CONSUME LESS. REDUCE COSTS. ACHIEVE MORE.

Monitor

◆ Track consumption precisely & regularly

◆ Limit resource consumption individually

◆ Find the culprits of wasted energy

Automate

◆ Dynamically spin-up & delete clusters based on demand, even without internet

◆ Build new services on a platform that's immune to degradation

◆ Decouple on-prem and cloud data centers in response to cyber threats

Optimize

◆ 20X more effective use of resources

◆ Eliminate compute idling & reduce carbon footprint

◆ Optimize machine provisioning to minimize waste and maximize output

100% secure infrastructure   **Over 33% cost saving at every data center**   **Zero downtime**

maps by vemaps.com