



Cooling for Growth
WILO Data Center efficient products
数据中心应用场景中的高效水泵解决方案



Our innovative solutions, smart products and individual services move water in an **intelligent, efficient and climate-friendly** manner.
我们创新解决方案，智能产品和个性化服务使输水更智能，更高效和更环保

wilo

CUSTOMER ORIENTED NETWORK

50+ Countries
国家

15 Production Sites
生产制造基地

80 Production and Sales
Companies
销售公司

NET SALES 2023

EUR **1,970** million

EBITDA 2023

EUR **196.7** million

EMPLOYEES 2023

10000

**HIGH-EFFICIENCY PUMPING
SOLUTIONS FOR THE DATA
CENTER INDUSTRY**

数据中心应用的高效水泵解决方案

Building Services

Residential

家用建筑

Building Services

Commercial

商用楼宇

OEM

配套业务

Water

Management

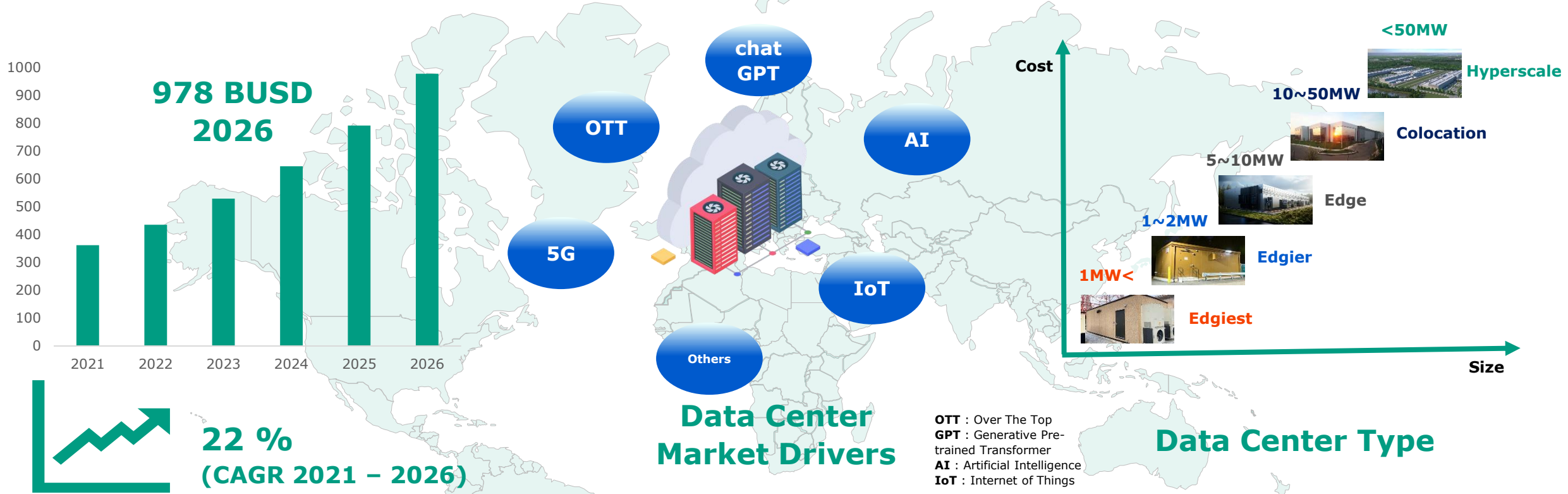
市政水务

Industry

工业



Data Center Global Market Trends 数据中心全球市场发展趋势

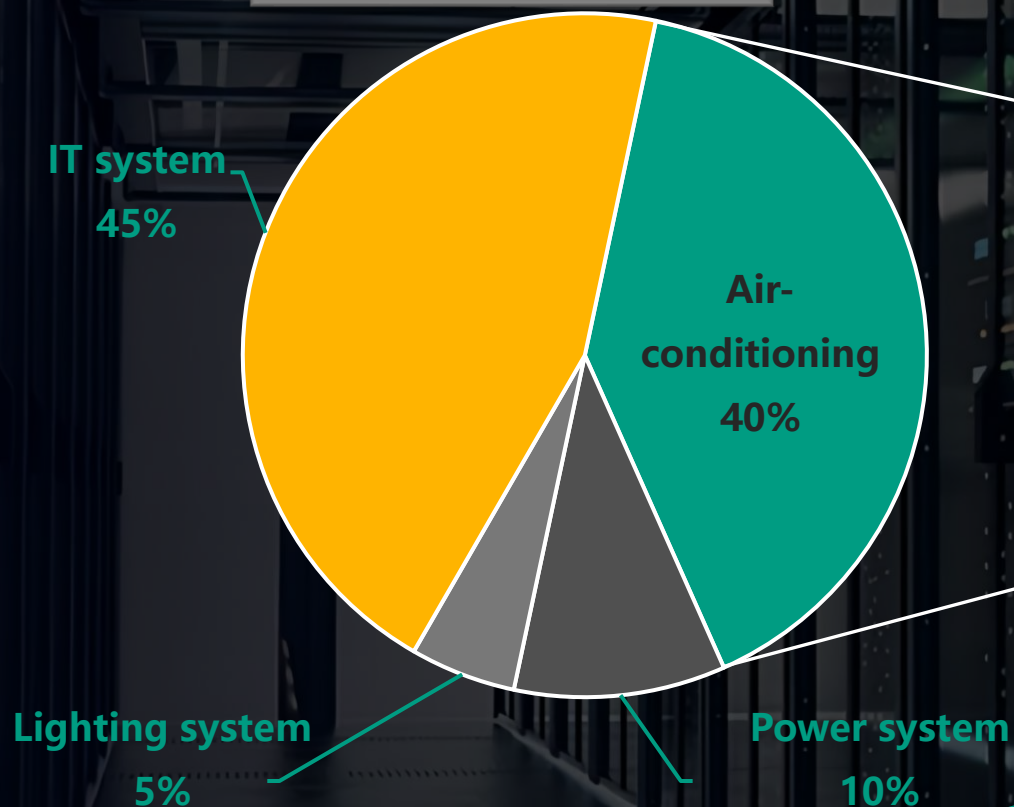


<p>Hyperscale</p>	<p>Colocation t. & Edge</p>	<p>Edgier/Edgiest</p> <ul style="list-style-type: none"> • University labs • Private company • Personal use • Others
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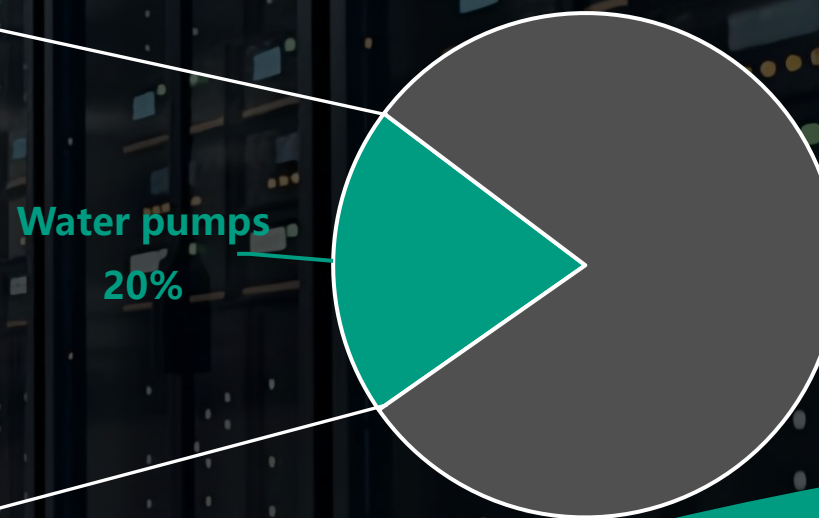
Consumption of existing data center equipment 数据中心设备用电分析

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Data Center
Energy distribution
数据中心的能耗分布



Air-conditioning system
Energy distribution
空调系统的能耗分布



Water pumps and pumping systems
play an important role in data center
energy consumption
水泵耗能在数据中心中扮演者非常重要角色

Datacenter Applications and Wilo Product & Solution Offering

数据中心应用以及威乐的产品解决方案



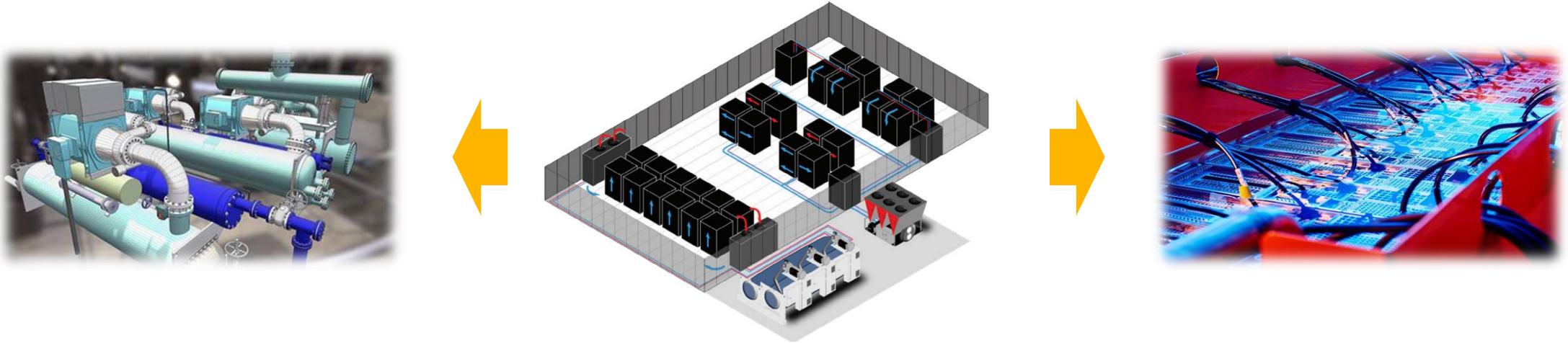
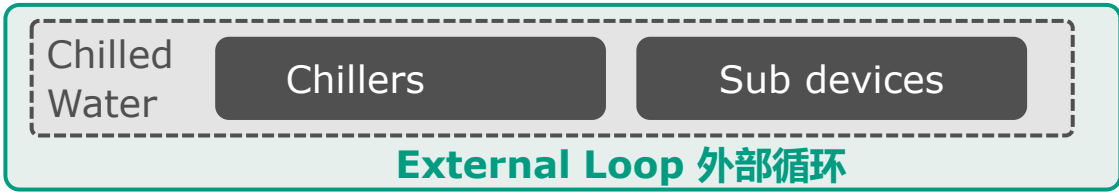
Digital Solutions
数字化解决方案

- Digital services
- Data analytics
- Connectivity
- Smart products

Services
服务

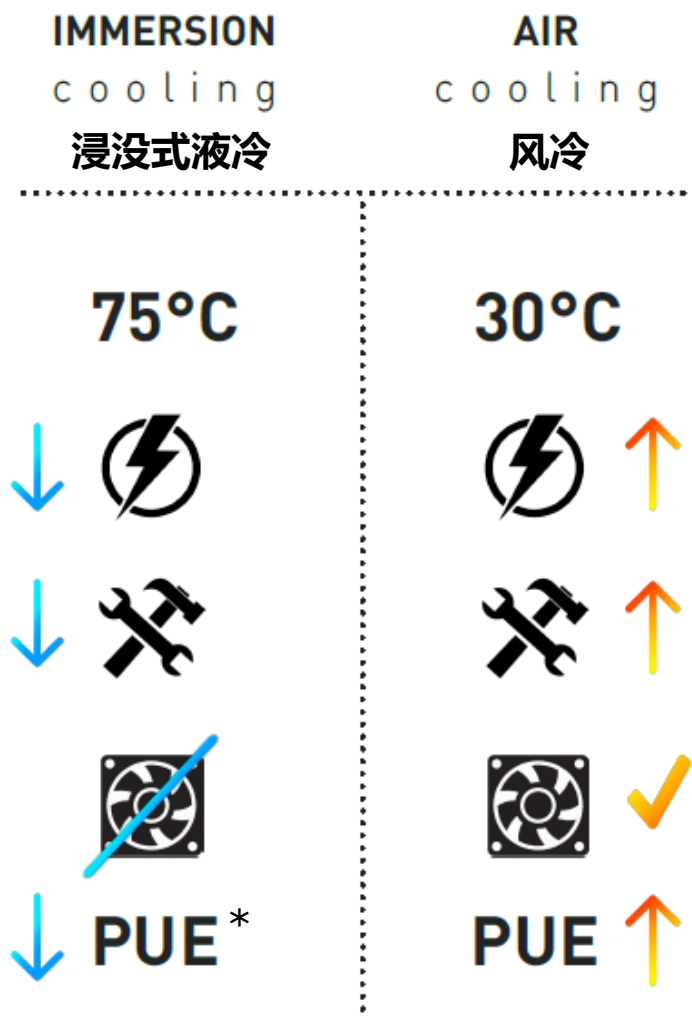
- Commissioning
- Maintenance
- System optimization
- Repairs (incl. emergency support)
- Spare Parts
- WiloCare (remote monitoring)

Datacenter Cooling Technologies 数据中心冷却技术



What is immersion cooling? 什么是浸没式液冷?

Also known as **liquid submersion cooling**, it is the practice of submerging computer components (or full servers) in a thermally, but **not electrically, conductive liquid (dielectric coolant)**.



*PUE = power usage effectiveness = Total facility power / IT equipment energy

Move water. Move the future.
Join the **ecolution.**

Thank You 多谢!