

# Serverwas

Decentralizing **S**ervers.  
Eliminating Heat **W**aste.

Late Pre-Seed - B2B

# Problem: The Energy Dilemma - Double Waste



**Conventional data centers use 30 % of their energy just to cool the servers**

**Pain Point: €18 Bil and 120 Mil tons of CO<sub>2</sub> per year are wasted globally on server cooling. Computing demand and cooling costs will double within the next five years.**

Quelle: International Energy Agency



**Heating accounts for 50 % of operating energy costs of hotels & public indoor swimming pools**

**Pain Point: € 30 Bil and 80 Mil tons of CO<sub>2</sub> are spent annually on pool heating. Gas prices are expected to double within the next 10 years.**

We pay for heating.  
We pay for cooling.  
Both are inefficient.

# Solution: Operate Servers Where Heat Is Actually Needed

We build a decentralized cloud by integrating our water-cooled servers into buildings and reusing their heat for hot water and heating.

Public swimming pools receive low-cost, carbon-neutral heat without any upfront investment.



Patented cooling technology



2 m<sup>2</sup>

Servers heat pools

Pools cool servers

Turning double waste into double value.



98 % Heat recovery efficiency



70 °C Temperature

Our servers generate revenue by providing low-cost AI cloud infrastructure for AI companies and developers.

Our technology can be applied to any building. Initially, we focus on public indoor swimming pools due to their constant, high heat demand.

# Business: From Double Waste to Double Income

## Main Revenue Stream: GPU-as-a-Service

Selling computing power to  
AI developers and companies.



Context: There is a huge demand for computing power,  
which is only expected to grow.

Monetizing the same  
energy input twice.

## Secondary Revenue Stream: Heat-Contracting

Selling low-cost heat to pools.

Genius: By installing the servers in swimming pools, we  
**reduce infrastructure costs by 70%** and **operating costs  
by 20%** compared to traditional data centers.  
Additionally, we can take a profit on the heat sales.

# Customer Case: Public Indoor Pool (Pilot Project)

**Scenario:** An indoor swimming pool operated by IKB with consistently high heat demand.

**Requires:** only **2 m<sup>2</sup>** of floor space to install up to **20 Servers**.

## Benefit for IKB:

- Heating **cost savings** of **~€27,000/a**
- CO<sub>2</sub>-free heat supply and green brand positioning
- No upfront investment required

## Benefit for Serwas:

- **~€940,000/a** from GPU **compute sales**
- **~€27,000/a** from **heat sales**
- Low infrastructure costs due to the use of existing facility space

# Unit Economics - Phase 1

In the go-to-market phase, Serwas will generate revenue by offering GPU compute via Vast.ai. Compared to hyperscalers such as AWS and Azure, prices on the platform are up to 90% lower, meeting the rapidly growing demand for affordable GPU capacity.

**ROI**                    **2.2 years**

**CAPEX:**            **90,000 €**  
Server                Invest for one server with 8 GPUs  
                                 including the installation

**OPEX:**            **6,000 €/a**  
                                 Electricity & Service

**Revenue:**        **47,000 €/a**            **1,350 €/a**  
                                 Renting on Vast.ai        Selling heat

**Lifetime**            **6 years**

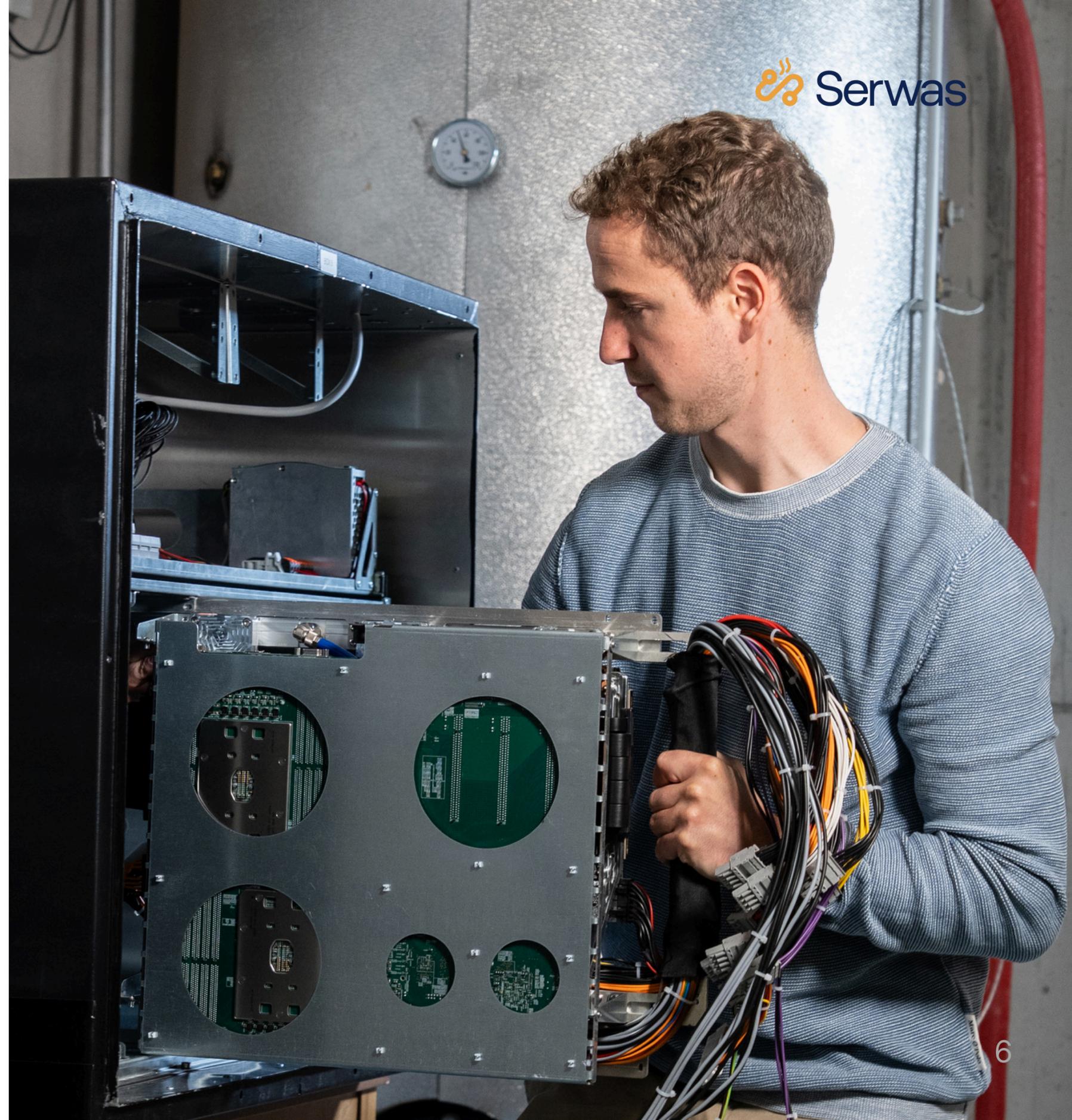
## Current Vast.ai statistics



**0.90 €/h**  
mean income on Vast.ai per GPU



**85 % Utilization rate**  
Percentage of GPUs rented out

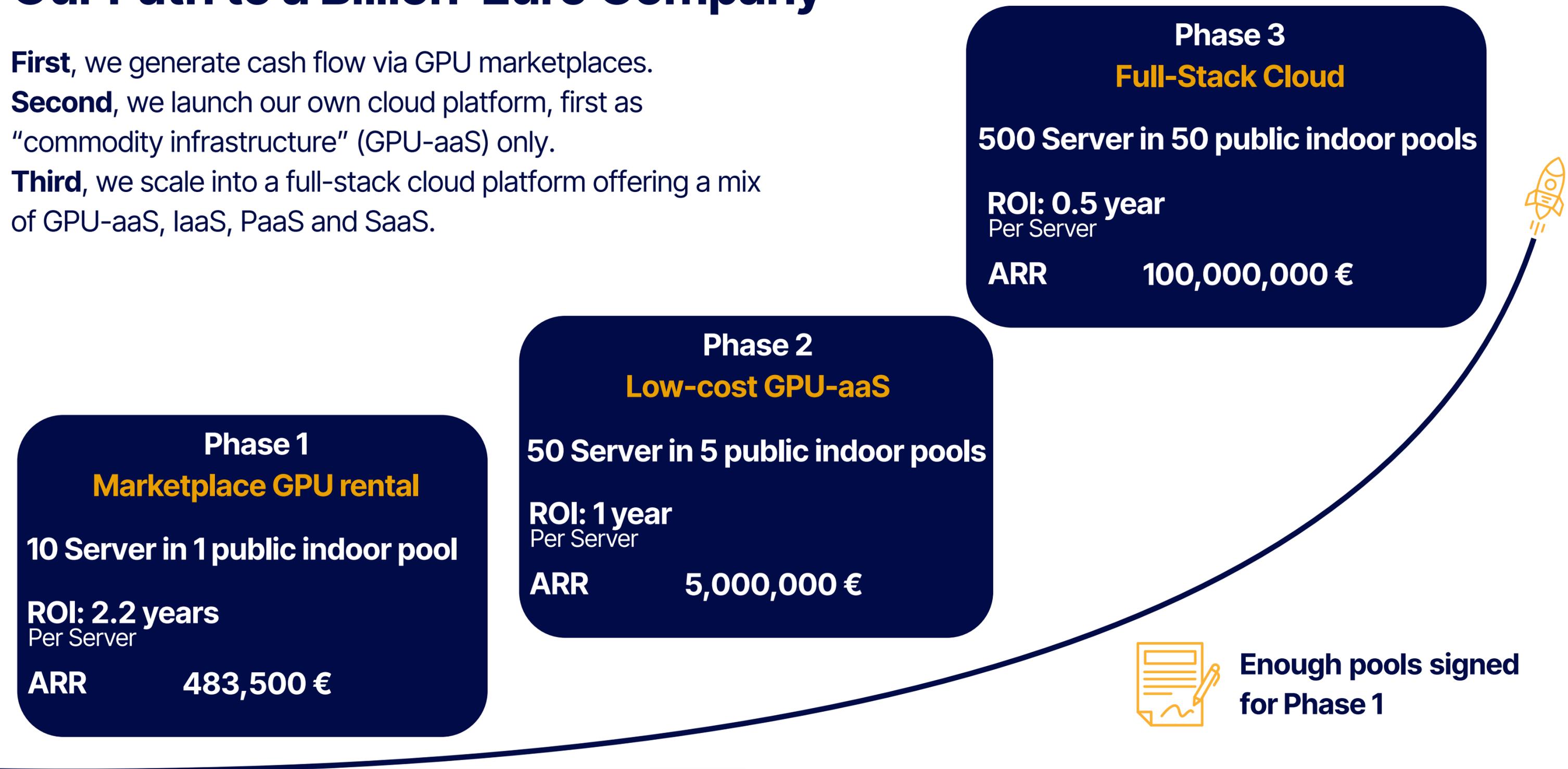


# Our Path to a Billion-Euro Company

**First**, we generate cash flow via GPU marketplaces.

**Second**, we launch our own cloud platform, first as "commodity infrastructure" (GPU-aaS) only.

**Third**, we scale into a full-stack cloud platform offering a mix of GPU-aaS, IaaS, PaaS and SaaS.



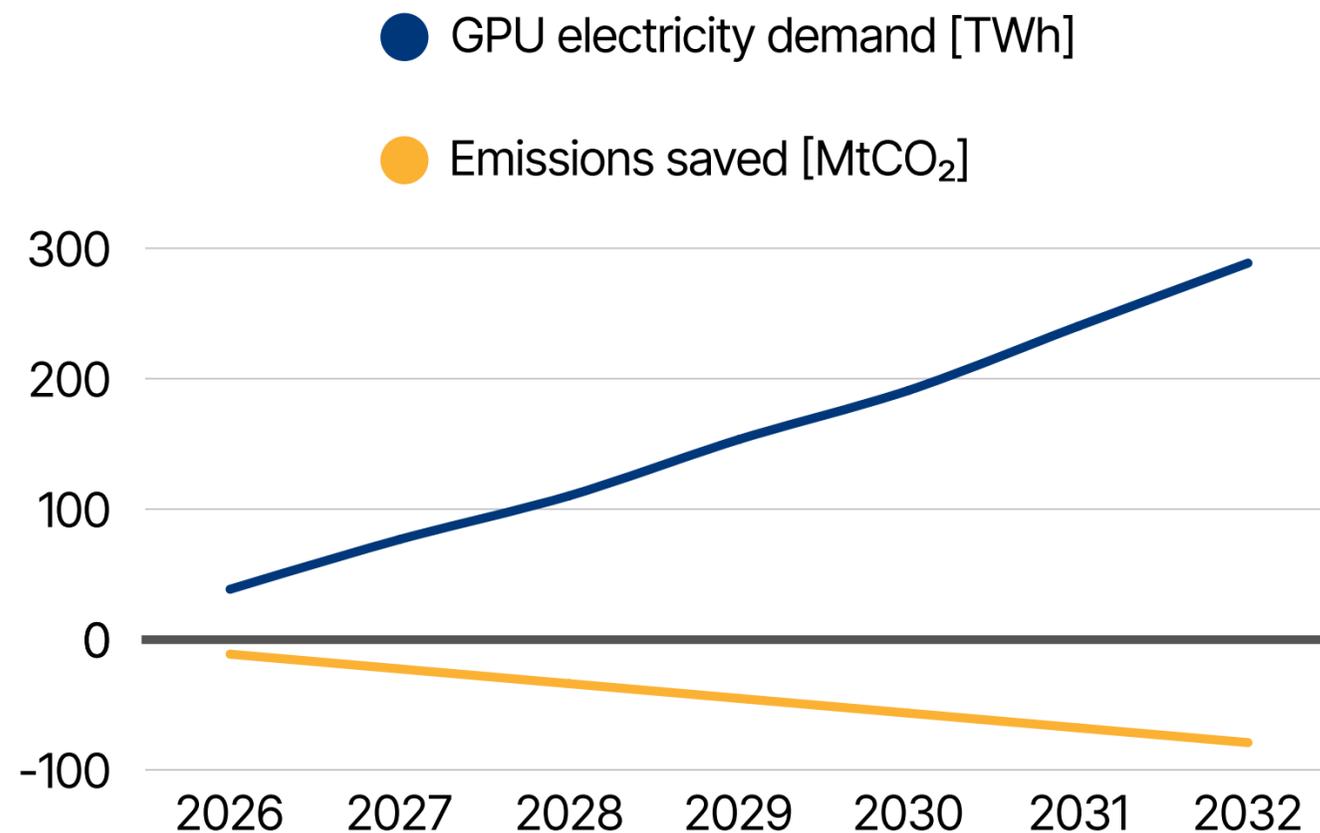
# Impact

If all new GPUs were built with Serwas technology:

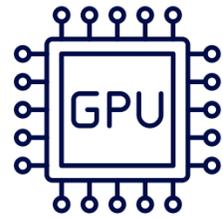
**+ 11,300,000 t**  
Annual CO<sub>2</sub> savings

**+ 3,150,000**  
Heatable households

**70 %**  
Reduction of CO<sub>2</sub> through  
computing power



# Market



## GPU-as-a-Service

GPU-aaS



## Low-cost

GPU-aaS



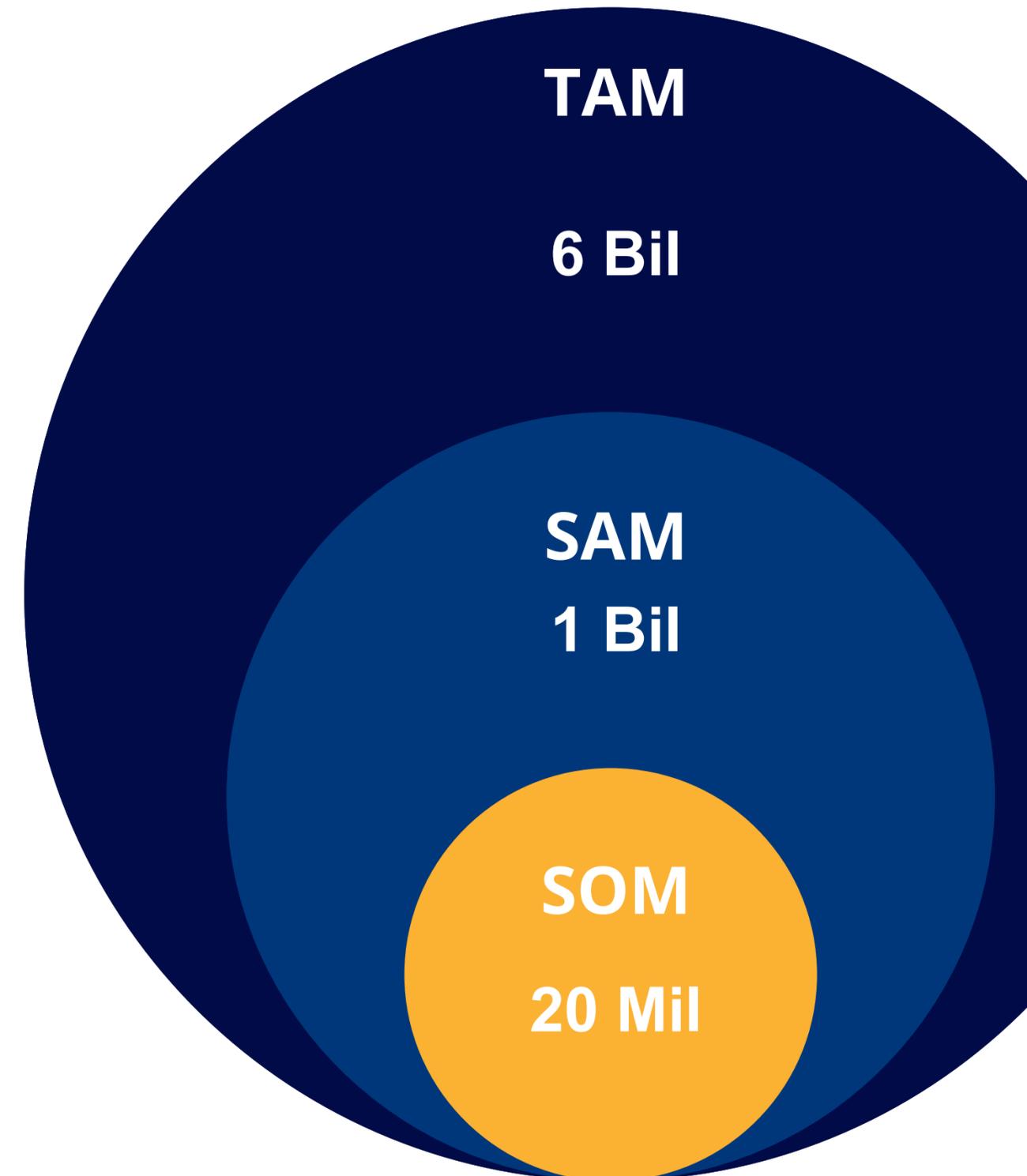
## 2% Serwas market share

from low-cost GPU-aaS

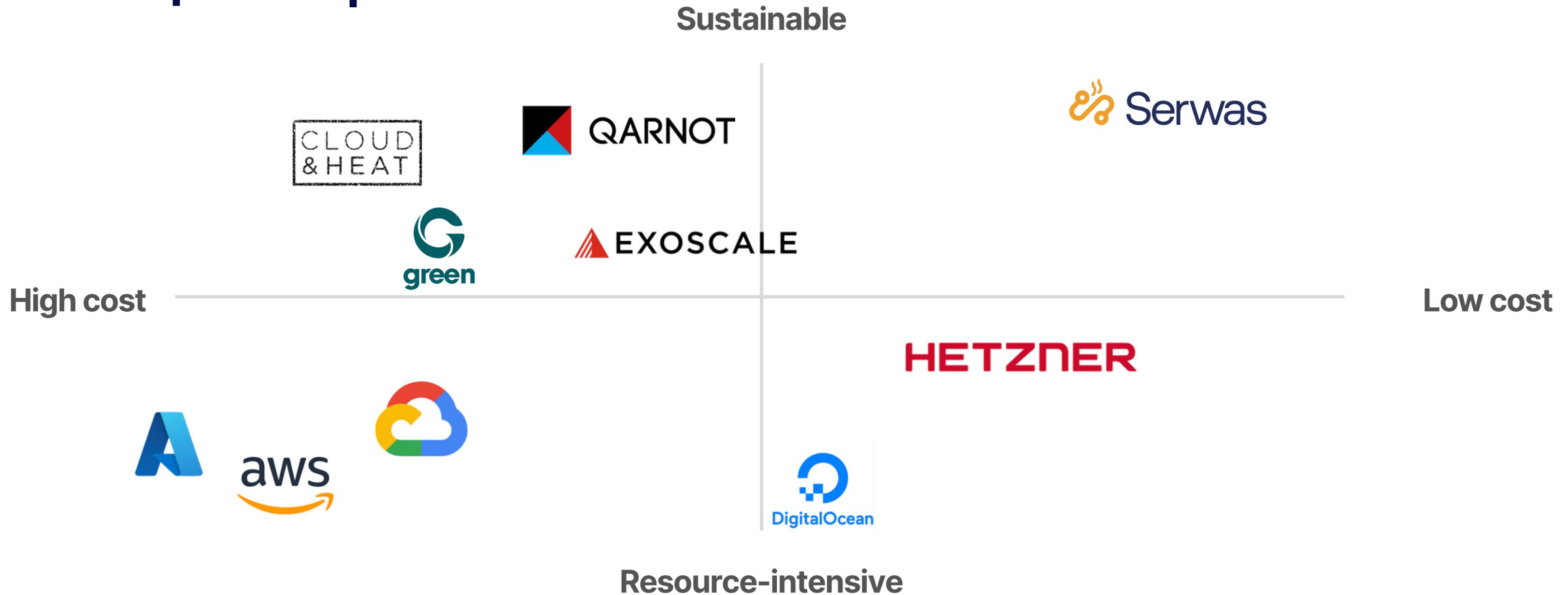
10 Public Swimming Pools  
with 20 Servers each  
and €100 k per Server  
= €20 Mil Revenue



GPU-as-a-Service market to grow  
at CAGR by 2024-2030 **30.1%**



# Competition | GPU-aaS



## Why hasn't this been done before?

Until recently, server waste heat was too low in temperature to be reused efficiently. At the same time, GPU power and the overall demand for GPUs has been rising dramatically. Combining the growth of smaller, distributed AI applications, with our 70°C cooling technology, decentralized GPU racks can finally be integrated directly into existing heating systems in a simple and economically feasible way.

“We monetize one energy input twice through our patented cooling technology, delivering low-cost AI compute and carbon-neutral heat.”

# Traction

**3 Pilots** in 2025

Heating 3 buildings



**50 k € revenue**

from the pilot hardware sales

March 2026

**First B2B pilot** in IKB

public indoor pool



# Team



Timo  
Berkmann  
**CEO & CTO**

- 14+ years in the construction industry
- 3+ years of research at TU Graz
- Civil and Environmental Engineer



Lucas  
Bolte  
**CIO**

- 10+ years in AI
- 6+ years in Cloud & Software
- Aerospace Engineer



Manuel  
Untergasser  
**CFO**

- 4+ years in Sales
- 4+ years in Renewable Energy
- BSc. in Business Administration

# Advisors



Markus  
Kainz  
**CEO**  
**Gateway Ventures**



Andreas  
Altmann  
**Rector Management**  
**Center Innsbruck**



Lea  
Krebs  
**Startup Consultant**  
**at Startup.Tirol**

## Supported by:

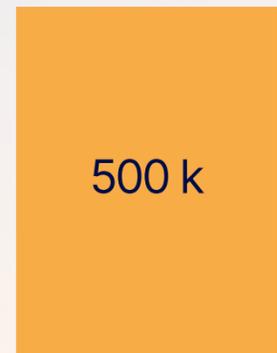


# Investment Opportunity

## Fundraising

**500 k €**

For 2 years runway



Bank  
Credit

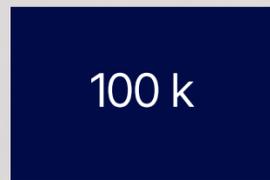


Public  
Funding

2025



2026



Hardware  
Sales  
Public  
Funding



**60 % Hardware to reach 0.5 Mil ARR**  
**20 % key hires**  
**20 % Product Development**



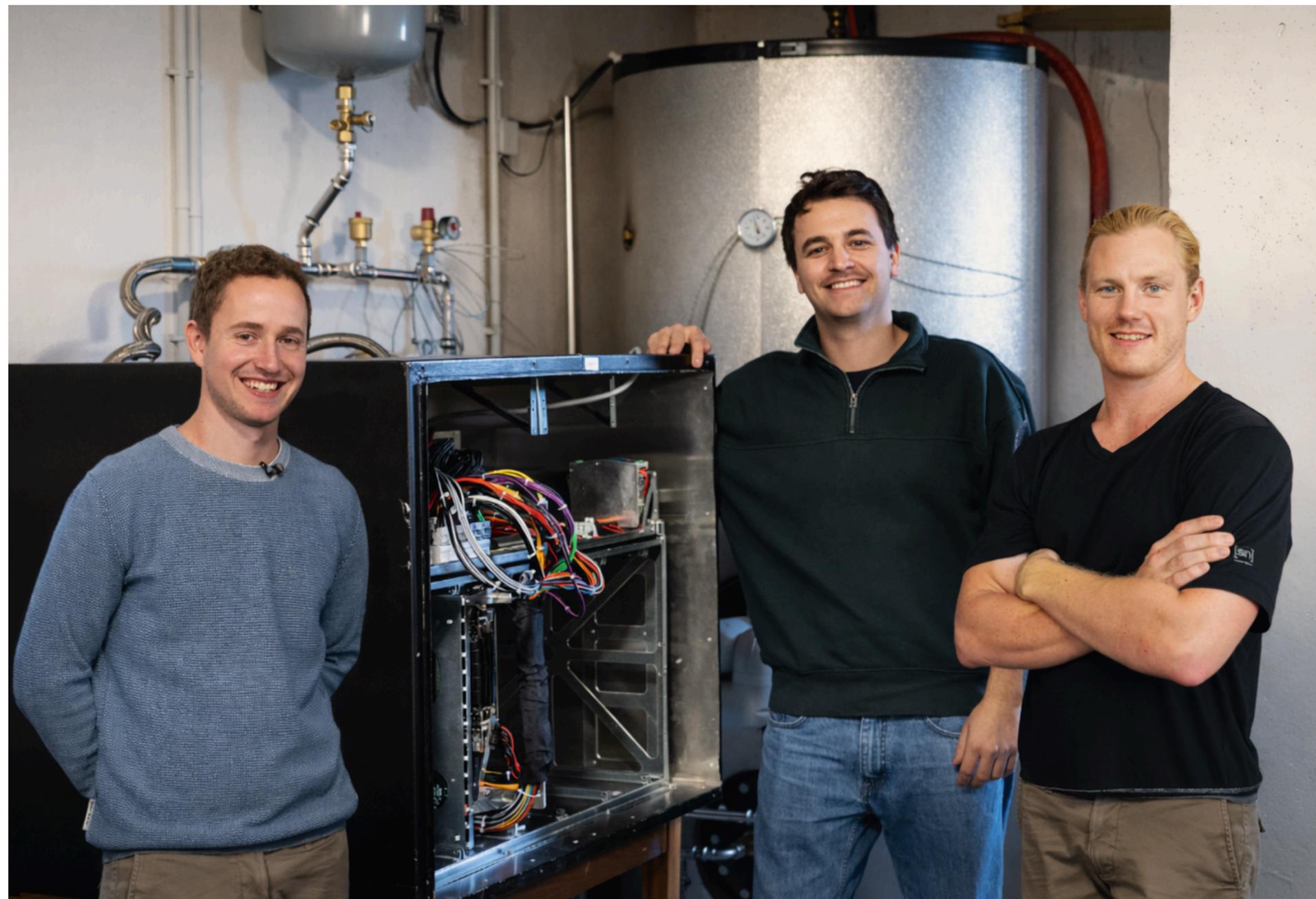
# Why invest?

**We are building the leading decentralized infrastructure for AI compute and sustainable heat.**

AI demand is exploding while energy costs and decarbonization pressure are rising.

**Serwas** enables scalable, capital-efficient growth by generating **recurring revenue** from both **compute and heat**.

# TOGETHER WE MAKE DIGITAL INFRASTRUCTURE PART OF THE ENERGY TRANSITION



## Contact

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