Decentralized AI
Clean, Limitless, Anywhere

The AI arms race has begun

$500B
investment by
2028

OpenAI

$75B
investment in
2025 alone

Google

$500B
investment by
2029

Apple

$10B
investment in
2025 alone

ORACLE

$150B
investment by
2034

amazon

$100B
investment by
2028

Microsoft

$65B
investment in
2025 alone

Meta

$500B
AI rollout by
2029

NVIDIA.

There is not enough power for AI

2030   **298 GW**

+27%
CAGR

2023   55GW
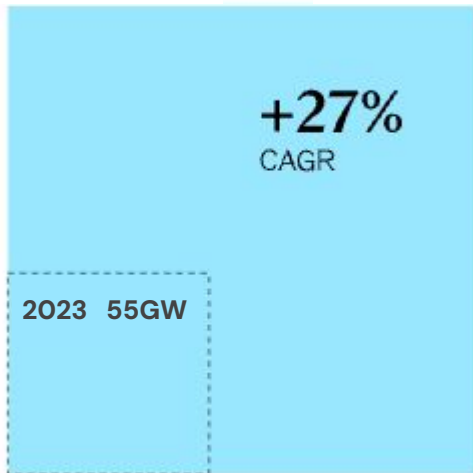
Current demand for AI compute is 60GW

By 2030, this will grow to an annual demand of 298 GW.

There was only 5GW of capacity built out in 2023, already a 26% increase in supply from the year before.

There's a significant deficit of 40GW in the US alone by 2028.

Our solution: Off-Grid AI Data Centers

Co-located with intermittent renewables

24/7 uptime with integrated battery storage

Turnkey, pre-fabricated, modular

Fully weatherproof with proprietary cooling for outdoor placement

Deployed in under 3 months

Runs AI workloads at a fraction of the cost

New Age Cooling for New Age AI

Pressurized Air Immersion Cooling (Patent Pending)

20% performance boost
Unlocks higher performance compared to conventional air cooled servers

85% Less Power for Cooling
Dramatic reduction in data center wide cooling energy consumption

3-5X Rack Density for Air Cooled DCs
Maximising capacity in existing DCs
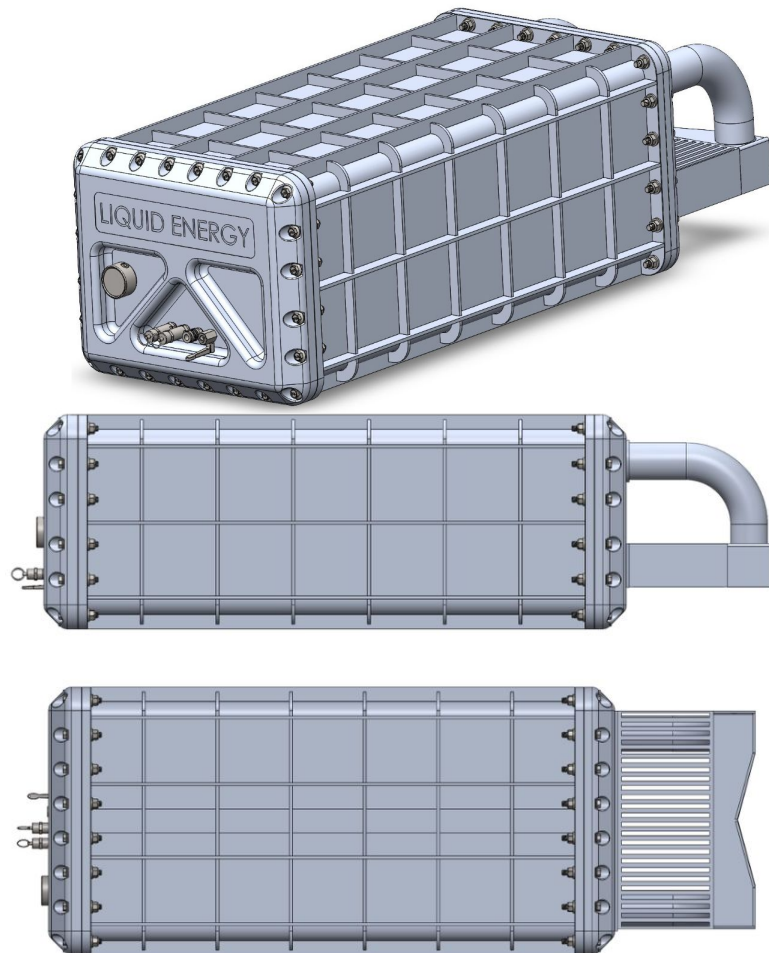
Reduced Failure Rate
Longer server life & lower downtime

Increased Safety
Mitigates fire risks inherent in air-based systems

Unit-level Environmental Control
Real-time management of humidity, temp, fan speed, energy usage at the server level.

Long Term Vision: From Photons to Inference

End-to-End Integrated Tech Stack. Manufactured at Gigascale.

Wrights law vs construction economics.

Today: $10M per MW vs $25M for traditional infra.

By 2030: 1/10th the price.

Our tech stack: modular compute + energy
+
proprietary cooling.

Distributed Data Center Compute,
hyperscalable to Terawatts.

Modular Solution – Designed for Stranded Energy Sources

Solar & Wind
Carbon Neutral

Oil & Gas
Net Zero with
Carbon Capture

Waste
Carbon Negative
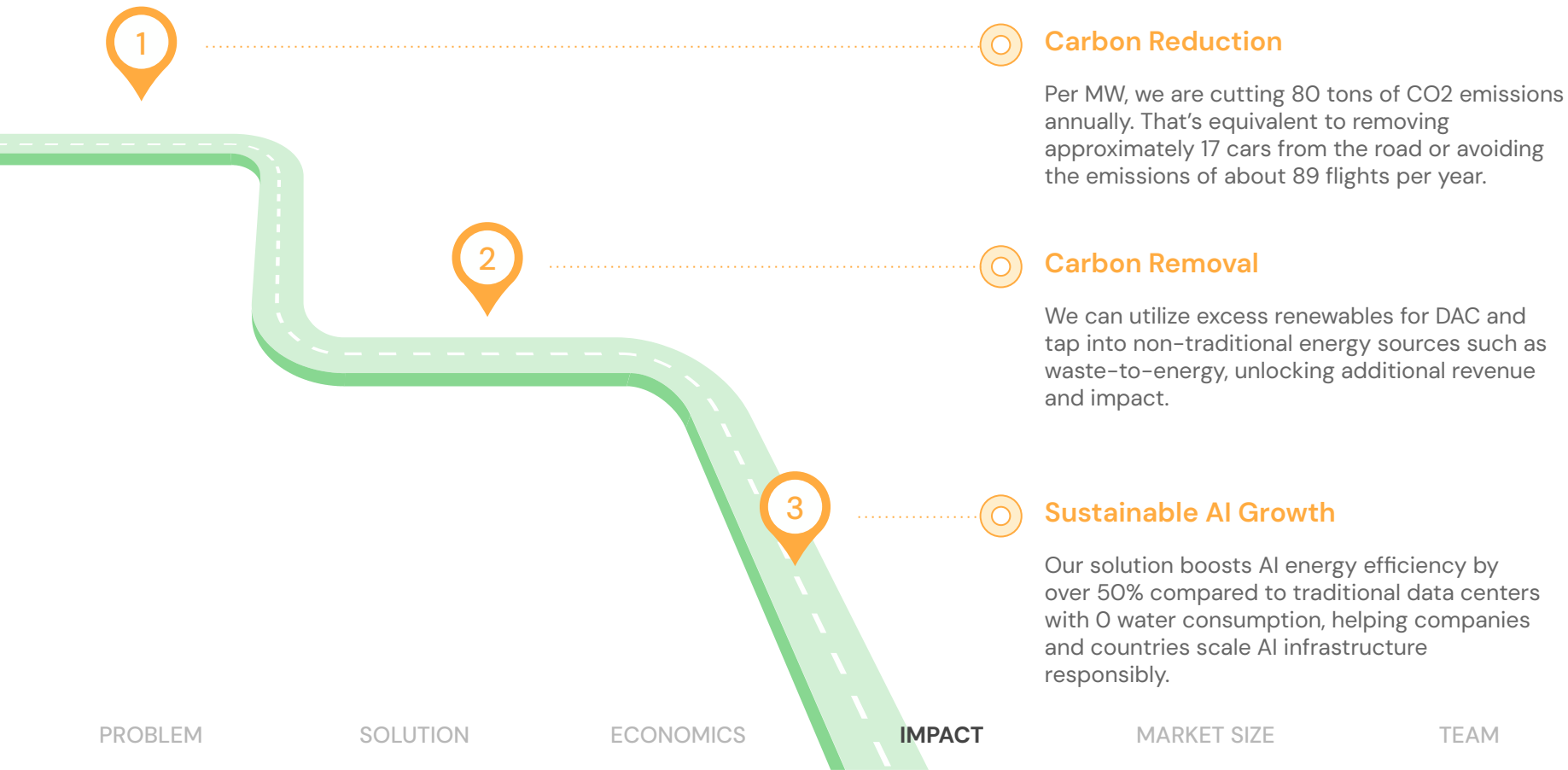
And on top of that...

Nearly **ZERO** ongoing power cost

No transmission build-out needed to **scale** from 1 to 100 MW

No waiting in interconnection queues, and operational **100% off-grid**

Get compute online in **WEEKS**, not YEARS

The impact we can build...

Carbon Reduction

Per MW, we are cutting 80 tons of CO_2 emissions annually. That's equivalent to removing approximately 17 cars from the road or avoiding the emissions of about 89 flights per year.

Carbon Removal

We can utilize excess renewables for DAC and tap into non-traditional energy sources such as waste-to-energy, unlocking additional revenue and impact.

Sustainable AI Growth

Our solution boosts AI energy efficiency by over 50% compared to traditional data centers with 0 water consumption, helping companies and countries scale AI infrastructure responsibly.

The market gap in a hyperscalers-dominated market

AI compute customer needs

Cloud Service Providers (Microsoft, Google, etc.)	Other hyperscalers (big technology firms, etc.)	AI startups	Tech companies	Smaller enterprises
30–40%	25–30%	10–15%	10–15%	15–20%

What we're focused on
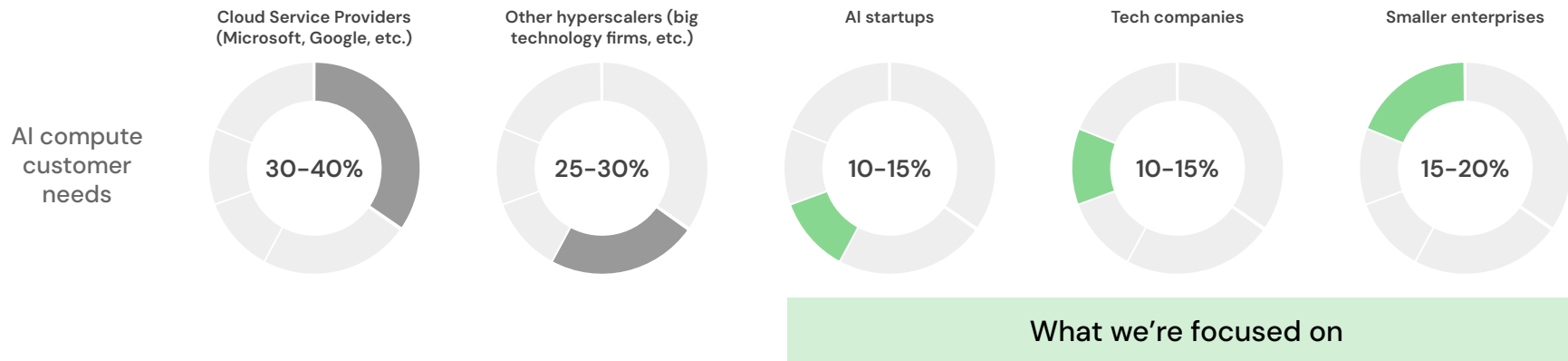
By 2030, more enterprises are expected to run their own AI models using internal data. A significant portion of these workloads will be inference—an area of rapidly growing demand that is central to AI applications.

This represents a distinct computing need, separate from the requirements of hyperscalers, and is currently underserved.

A brief look at the market opportunity size

$1.2T+

Solar farm + Data Center markets by 2034

$372B+

AI Data Center market by 2029

$8B

1% of greenfield AI data center market by 2027

Total Available Market (TAM)

Serviceable Addressable Market (SAM)

Serviceable Obtainable Market (SOM)

We've got a great team

Liquid Energy Team

Sid Ravikumar
CEO
Expert AI Software &
Hardware

Arsh Sekhon
President
Expert Carbon &
Economics

Sajan Khosa
COO
Expert Project
Development

UNIVERSITY OF WATERLOO
FACULTY OF MATHEMATICS

VELOCITY

On Deck

intel

nVIDIA

TBDC | TORONTO BUSINESS DEVELOPMENT CENTRE

CLIMATE VINE

AIRMINERS

PROBLEM   SOLUTION   ECONOMICS   IMPACT   MARKET SIZE   **TEAM**

Thank you