

• BENEFITS OVERVIEW

Best for the planet. Best for the compute.

Faster, greener, less expensive to build and run, and more resilient than any land-based alternative — built, deployed, and maintained beneath the sea.

1.01

First-gen PUE

12 **wks**

To deployment

80%

Lower build cost

0

Water used

Benefits of Subsea Cloud's data centers



Radical cost savings

- **Build costs cut by up to 80%** vs. land-based facilities (≈\$1M/MW vs. \$7M/MW).
- Operating costs reduced by ~40% through free seawater cooling and lights-out operation.
- Total cost of ownership lowered by up to 70% via modular, efficient design.



Environmental sustainability

- **Zero water usage** (vs. 3–5 million gallons/day in traditional data centers).
- No harmful refrigerants or greenhouse gases used.
- Every unit saves up to 7,064 MWh and 3,532 tons of CO₂ annually (H100 GPU workloads).
- Fully recyclable structures with long lifespans, minimizing e-waste.



High performance & scalability

- **12-week deployment** (vs. 18–24 months for land-based builds).
- Supports tens to hundreds of MWs over time with modular scale-out.
- Industry-leading rack densities (150+ kW per rack) — optimized for AI/ML, HPC, and edge.
- AI/ML-ready with the lowest PUE & WUE in the market.



Reliability & resilience

- Subsea placement shields assets from physical threats, climate volatility, and land scarcity.
- Corrosion-resistant, recyclable, and designed for rapid remote maintenance (ROV service within hours).
- Long design lifespan ensures minimal operational disruption.



Strategic partnerships

- Co-located with renewable power providers — converting green electrons into green data.
- Integrated with cable providers, subsea asset owners, and governments for maximum ecosystem benefit.
- Deployable in rivers, ports, dams, and offshore environments worldwide.

KEY TAKEAWAY

Subsea Cloud redefines digital infrastructure: faster, greener, cheaper, and more resilient than any land-based alternative.