



# SIN02

Europe's First Giga-Scale AI Factory

Sines, Portugal

Site Coordinates: 37.934961, -8.812558 | c. 90 km south of Lisbon

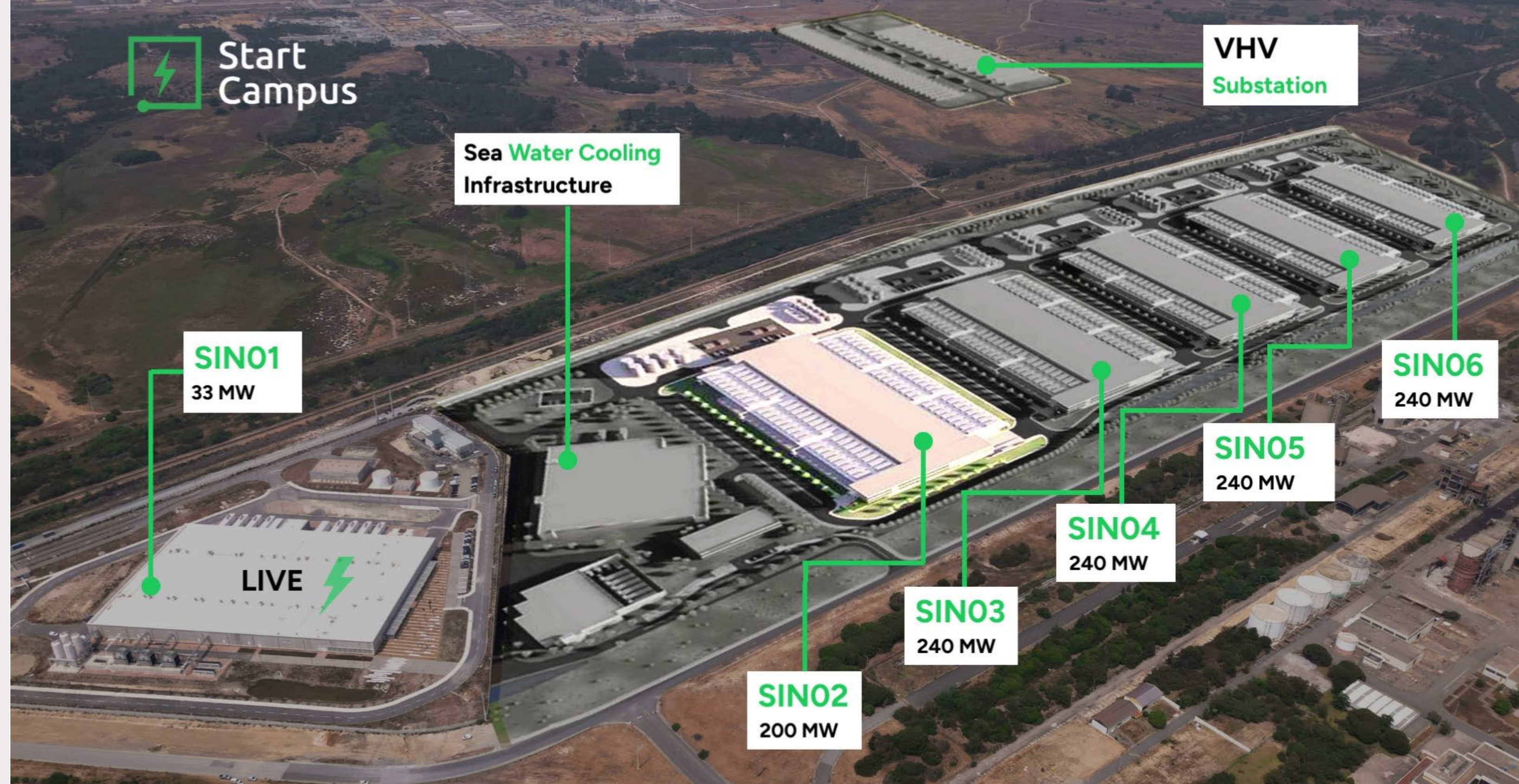
200MW IT capacity, up to 600kW racks

Q3 2027, move-in ready first module

AI-ready design, OCP v2-certified



OCP  
READY



PUE

1.1 PUE and 0 WUE using sea-water cooling



Low cost and 100% renewable power



Low latencies to all major cities

1.2 GW  
IT capacity

100%  
grid capacity  
secured

18 months  
to deliver  
powered shell

600kW  
racks  
supported

[www.startcampus.pt](http://www.startcampus.pt) | [sales@startcampus.pt](mailto:sales@startcampus.pt)



## General

Availability	200 MW Q3 2027
Building	New build, 2 stories building Part of a 6-building, 1.2 GW IT campus
Base Build design	Tier III-equivalent
Data Halls	3, with possible cages
Office / Storage	Available upon request
Access	24/7
Loading docks	Three bays
Others	Security and Ops 24/7 Remote hands available
Certifications	OCP Ready for Hyperscale ISO27001

## Security

Personnel	24/7 manned security
CCTV	360° video-analytics (interior/exterior)
Access control	Biometric & MFA access control system
Perimeter	Anti-climb security metal fencing with intrusion detection
Defense In Depth	Multiple concentric security layers
Integration	Integrated Physical Security system



➤ Take a [virtual site tour](#)

## Power

Utility Providers	REN
Utility Power	2N 400kv and 4N3 150kV/22kV
Power Distribution	4N3
Power Usage	Revenue-grade metering; option of pass-through, fixed or hybrid pricing
UPS	Distributed redundant LV & UPS backup
Back-up power	24h HVO-fueled Gen system

## Cooling

System	Heat rejection to a Sea Water System and chiller system as back-up
Flexibility	<ul style="list-style-type: none"><li>• Liquid cooling</li><li>• Air cooling (fan walls)</li><li>• Hybrid air &amp; liquid cooling</li></ul>
Service	Concurrently maintainable
Reliability	N+1 redundancy, dual power source, 2N piping; fault-tolerant with thermal storage for uninterrupted cooling

## Telecom

Entry points	Six diverse entry points (4 at SIN01+ 2 at SIN02)
Meet-Me Rooms	Two independent MMRs
Carrier Neutral	Multiple carrier access + Connection to the SIN01.
Cable Landing	Sines <4 miles away (EllaLink, Nuvem <sup>1</sup> )

Note: CLS stands for Cable Landing Station; <sup>1</sup> From 2026 onwards

