

Goodman

ESSENTIAL INFRASTRUCTURE FOR THE DIGITAL ECONOMY

Goodman BCN01 Data Centre

Carrer 5, 16-20, Zona Franca, Barcelona, 08040

ENABLER OF THE DIGITAL ECONOMY

Goodman BCN01 Data Centre
The world is becoming increasingly interconnected. Data is the lifeblood that pushes the digital economy forward. At Goodman, we facilitate that growth by doing what we do best: developing innovative and sustainable data centres at core locations for the world's largest operators and cloud providers.
Our new Goodman BCN01 Data Centre ticks all the boxes. Located in the South of Europe, it's a purpose-built data centre, fully permitted and powered.

24 MW IT	38 MVA	21K SQM
data centre	capacity	plot size



BARCELONA MARKET

The Goodman BCN01 Data Centre is located within the central zone of the Barcelona market enabling a low-latency connection and a secured IT environment.

+ 5 km to airport
+ 5 km to city centre.

LOCATION

Carrer 5, 16-20,
Zona Franca,
Barcelona, 08040





SPACE FOR POWER

+ Total power secured 38 MVA (20 MVA + 18 MVA) in 25 kV coming from the Cerdá / El Prat and Llobregat substations respectively
+ Both power supplies will be redundant
+ Stagged power delivery:
  – 20 MVA in Q1 2026
  – 18 MVA in Q2 2027.

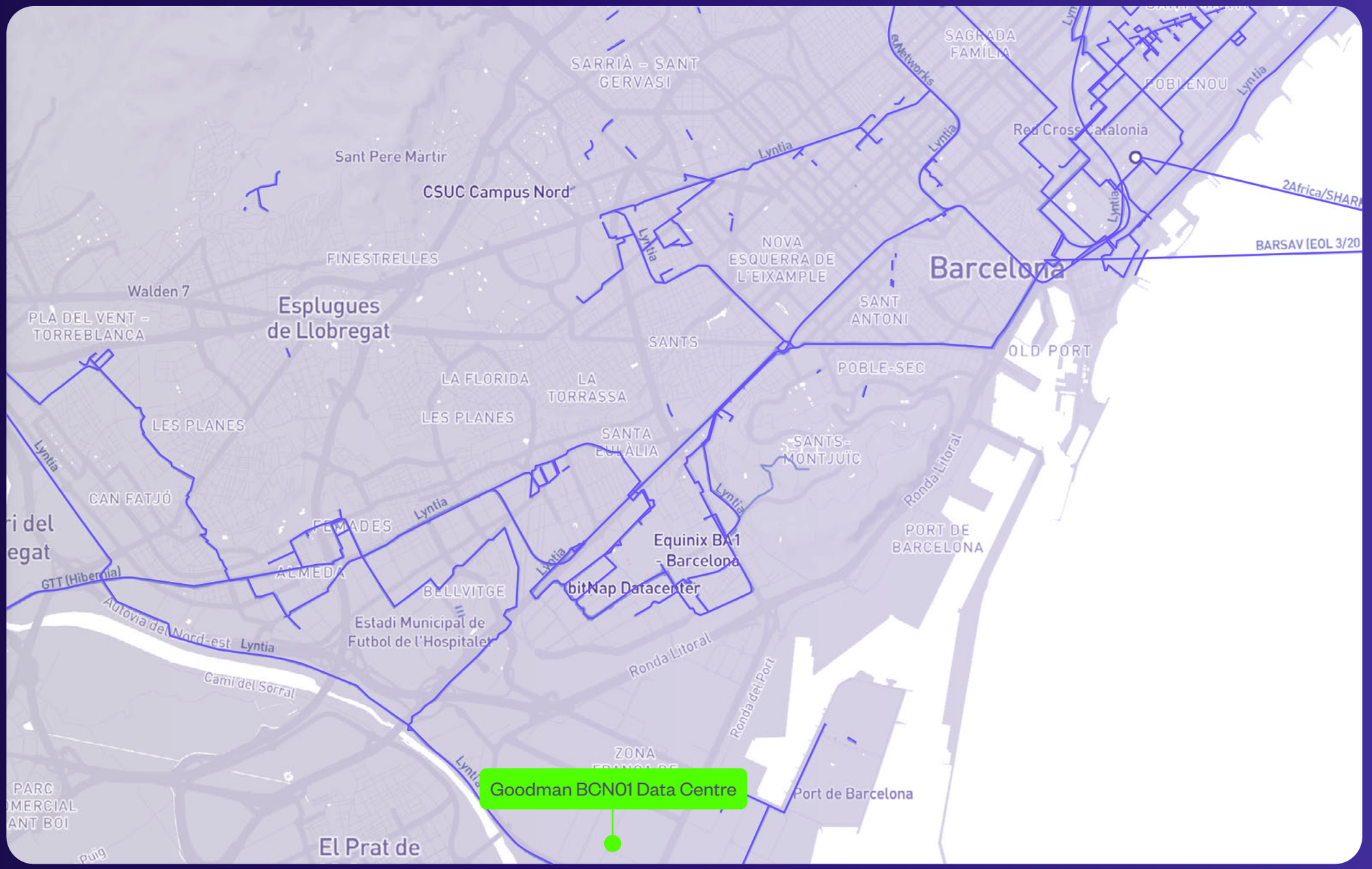
TAP INTO THE VIBRANT BARCELONA DATA HUB

6+ ON-NET FIBRE PROVIDERS

Including:
GTT (Hibernia), Lyntia, euNetworks, Xarxa Oberta (XOC), Axent, Exa, Colt.

LLOBREGAT - ZONA FRANCA CLUSTER

Including:
Merlin, Equinix, Templus, AtlasEdge.





GOOD IS FUTURE READY GREAT IS WHAT YOU DO FROM HERE

24 MW IT CAMPUS

Total plot area: 21,722 sqm

Gross floor area: 29,261 sqm

Gross footprint area: 13,099 sqm

Number of floors: 2 floors

Floor-to-floor height: 6.5 m

Floor-to-floor clear height: 6 m

Building height: 22 m

Floor loading capacity: 15 kN / sqm

No. of data halls per floor per building block: 2

Utility power supply: 38 MVA

Total critical load: 24 MW IT

Size of data halls: 6 MW IT

Data hall design density: 4.27 kW/sqm av

Annual peak design PUE: <1.3[1], target 1.2

Annualised average design PUE[2]: <1.3, target 1.2

Incoming electrical power redundancy: 2N

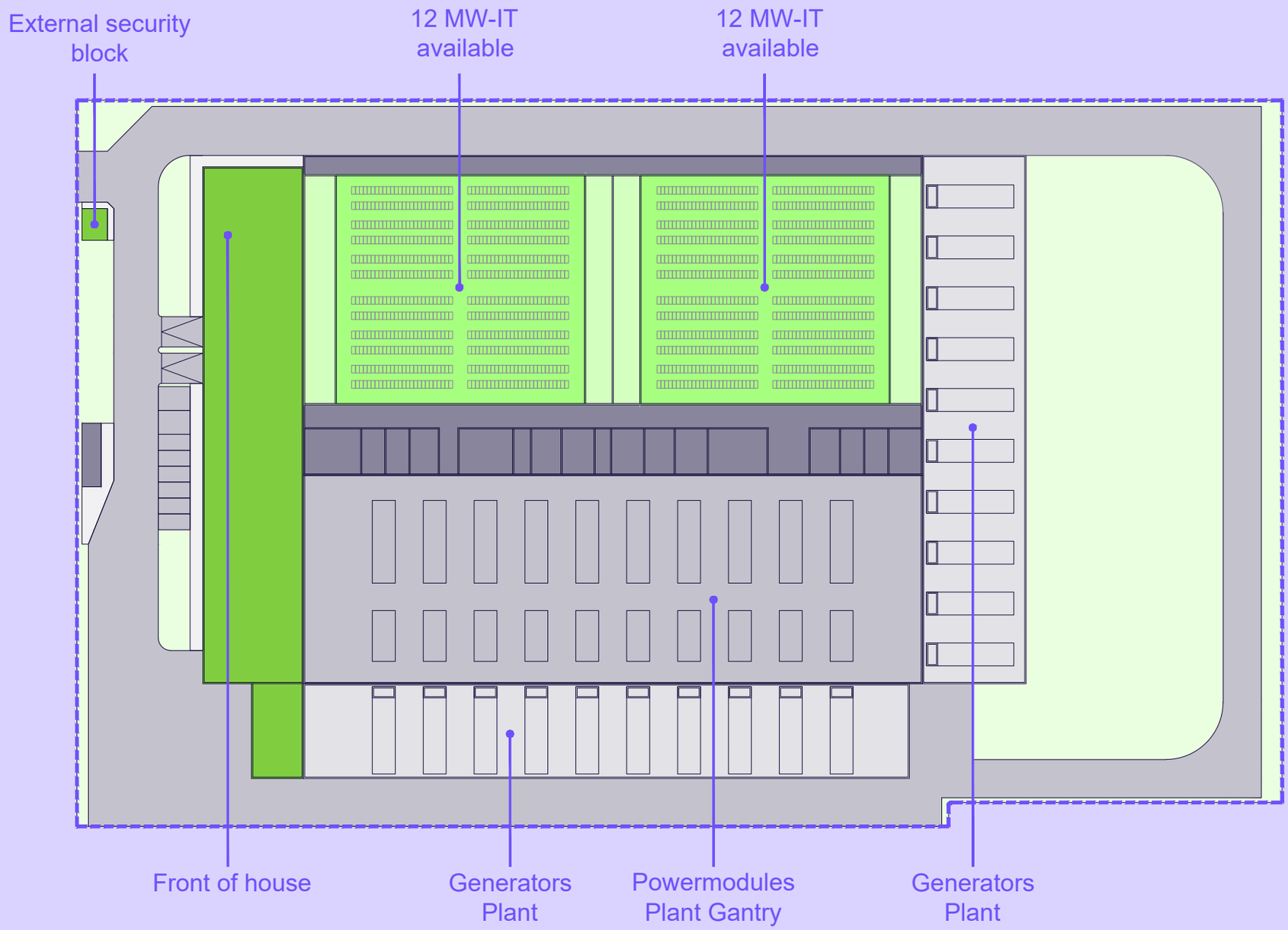
Electrical redundancy: Block redundancy (6+1)

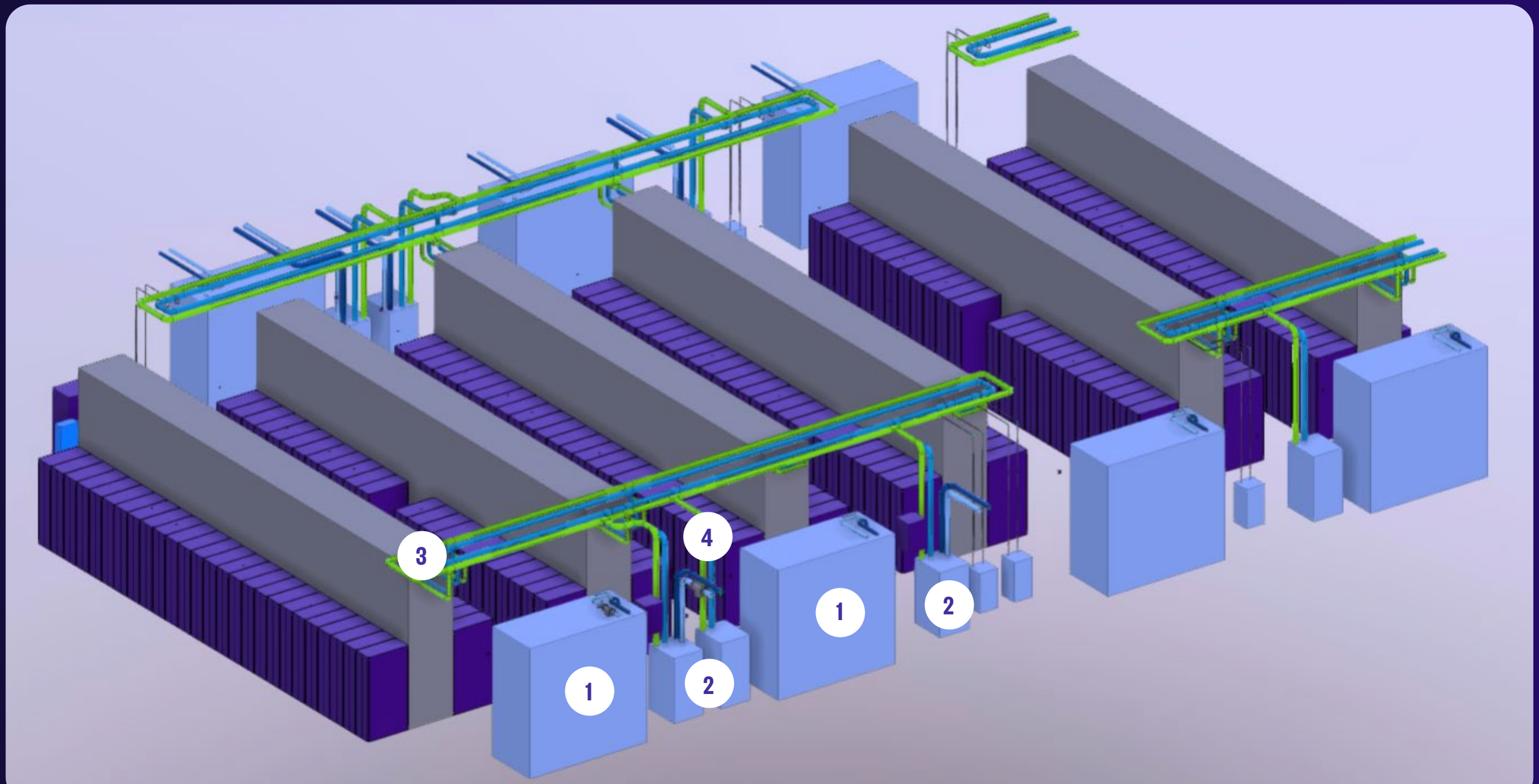
Mechanical redundancy: N+2

Mechanical solution:
+ Air cooled chillers configured in N+2 arrangement
+ Liquid-to-liquid feasibility assessed and confirmed.

Certifications:
+ ISO27001 included
+ ISO9001 included.

1. Includes house loads.
2. Based on 100% utilisation of the IT load.





L2L FLEXIBILITY

1. Fan wall units to be reduced to fullfill 50% air cooled requirement.
2. Project design will allow flexibility for a hybrid cooling approach. CDU Plant sized based on 95% liquid-cooling proportion. FWUs sized based on 44% air cooling proportion.
3. CHW ring main pipework dimensioned to work on both air cooled and L2L scenarios with minor adjustments.
4. CHW pipework from CDU to racks to remain out of scope and in customer fitout scope.

* Air cooled chillers and buffer vessels dimensioned to work on both cooling scenarios.



THE ESSENTIALS WE DELIVER

STANDARD

Available Services
+ Security 24/7 onsite
+ FM team 24/7 onsite
+ Service desk 24/7 available
+ Remote hands support 24/7 available.

Client Portal
+ 24/7 availability to raise requests
+ Automated change and incident notification.

Suite
+ Fully fenced
+ Full fit out of colo space
+ Access reader
+ CCTV.

Security
+ 2-factor authorization
+ 90 days recording
+ 24/7 access to the suite.

Certifications
+ ISO 9001, ISO 27001.

Patch cables and patch panel
+ Installations of patch panel from Meet-Me-Room to private suite.

OPTIONAL

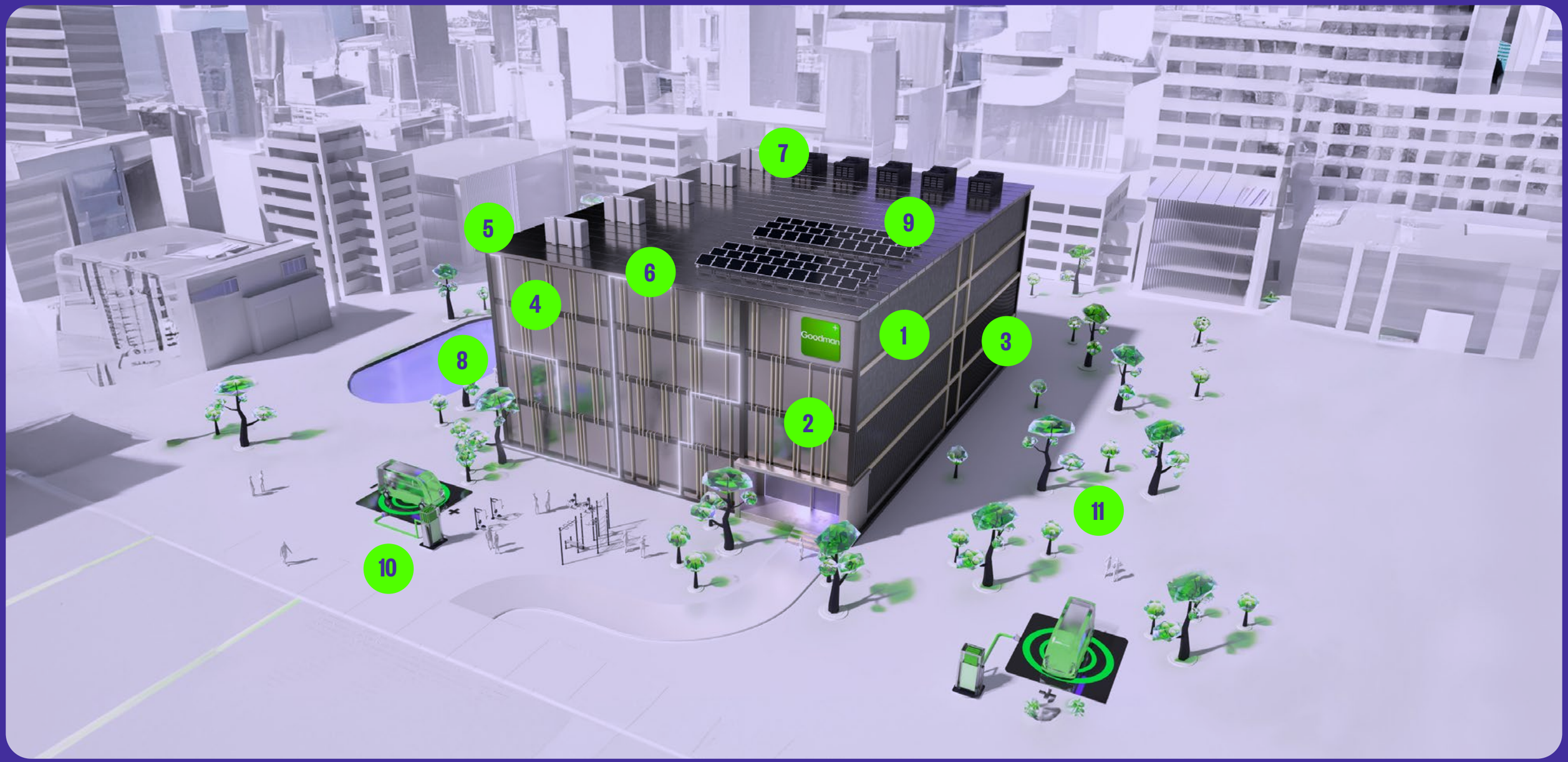
Support space
+ Caged storage including logistics
+ Private office including cleaning
+ Shared office spaces
+ Kitchenette
+ On premise parking space
+ Private parking.

Racks
+ Air cooled data centre racks, water cooled data centre racks or OPC
+ Delivery and installation of 42 to 62 RU racks, grounding and smart rack PDU
+ 600 to 800 mm width and 800 to 1200 mm depth
+ Various security and monitoring options available for the racks.

Media
+ Providing secure storage for media to be destroyed
+ Provide onsite destruction.

Certifications
+ PCI, SOC2, ISO 45001, ISO 14001.

Patch cables and patch panel
+ Installation of patch panel in private suite (copper and fibre)
+ Installing IT equipment (as per client design)
+ Install patch cable and label (as per client design)
+ Documentation of assets and connection in between.



A SUSTAINABLE AND FUTURE-PROOF DESIGN

1. Design PUE <1.3, target 1.2
2. Low carbon development evidenced in a Life Cycle Assessment
3. Circular (de)construction: aiming at 100% of waste diverted from landfill during (de) construction, with a max of 10% mixed containers
4. LEED Platinum (target design baseline)
5. EU taxonomy alignment
6. Resilient design adapted to climate changes
7. Waste heat recovery
8. Water preservation and water efficient appliances
9. Smart and sustainable energy solutions:
   – PV
   – LED
10. eMobility equipped: electric vehicle charging stations onsite
11. Biodiversity: ecological value assessment and improvement.

OUR EUROPEAN PRESENCE

23.5 ha 276 MW IT LON01	5.1 ha 48 MW IT AMS01		
5.3 ha 72 MW IT PAR01	LEASED 80 MW FRA01		
11.0 ha 108 MW IT PAR02	5.0 ha 54 MW IT FRA02		
1.5 ha 11.7 MW IT MAD01	2.1 ha 24 MW IT BCN01	3.7 ha 40 MW IT MIL01	



CONTACT US

Av. Diagonal, 598
Floor 4, door 1
08021 Barcelona
Spain

Jairo Repiso
jairo.repiso@goodman.com

+34 689 400 670

Matthieu Wieczorek
matthieu.wieczorek@goodman.com

+32 485 977 326

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