



This is an interactive brochure.

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01 / About T3



T3 (Timber, Transit, Technology) is a new design concept for a more sustainable world. Hines, the global leader in real estate development and management, is redefining work and life in the world's most innovative cities.

# Timber Transit Technology



Premium-quality timber meets the latest in construction technology, inspiring distinctive and planet-friendly spaces with an accent on well-being.

T3 spaces are designed for up-and-coming neighbourhoods with great connectivity. What's more, they're changing how we move, rewriting the city's choreography by making it effortless to walk, cycle or skate.

T3 buildings make working life easy, fluid and rigorously secure. Wherever you are in the building, your teams will be powered by 24/7 connectivity, with the very latest in data security technology.



01 / About T3

# T3: A global network for innovation

When you work in a T3 building, you're part of a network of innovative office spaces stretching all around the world. Atlanta, Toronto, Denver, Melbourne, Vancouver, Chicago – and now Barcelona– are all part of a global network on a mission to attract and nurture talent.







**Barcelona: The future** 





02 / Location

# It's all happening in 22@ Barcelona Innovation District

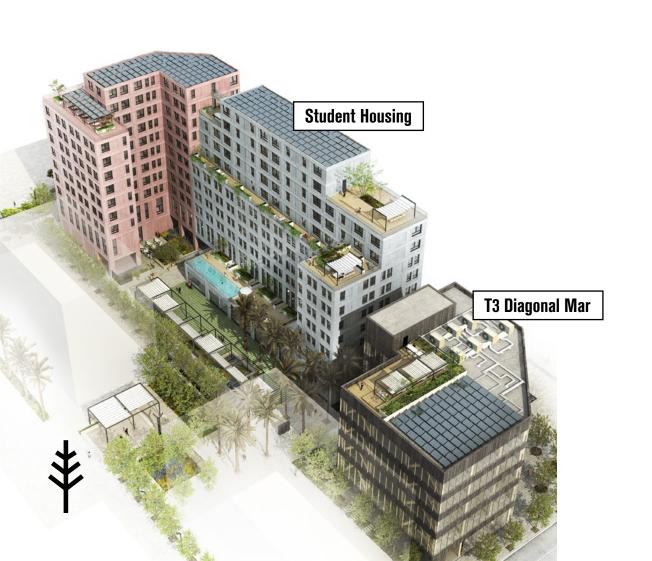
22@ is inventing the future right in the heart of Barcelona, the innovation capital of southern Europe. And it's still growing, especially to the north, where a new superblock forms the keystone of the city's latest expansion zone. The district will be a home for multinationals, tech companies, start-ups, developers, creators – the future of Barcelona.

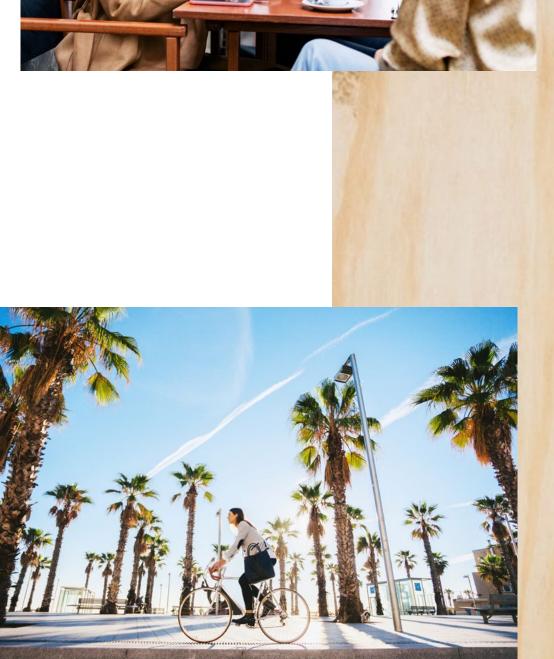


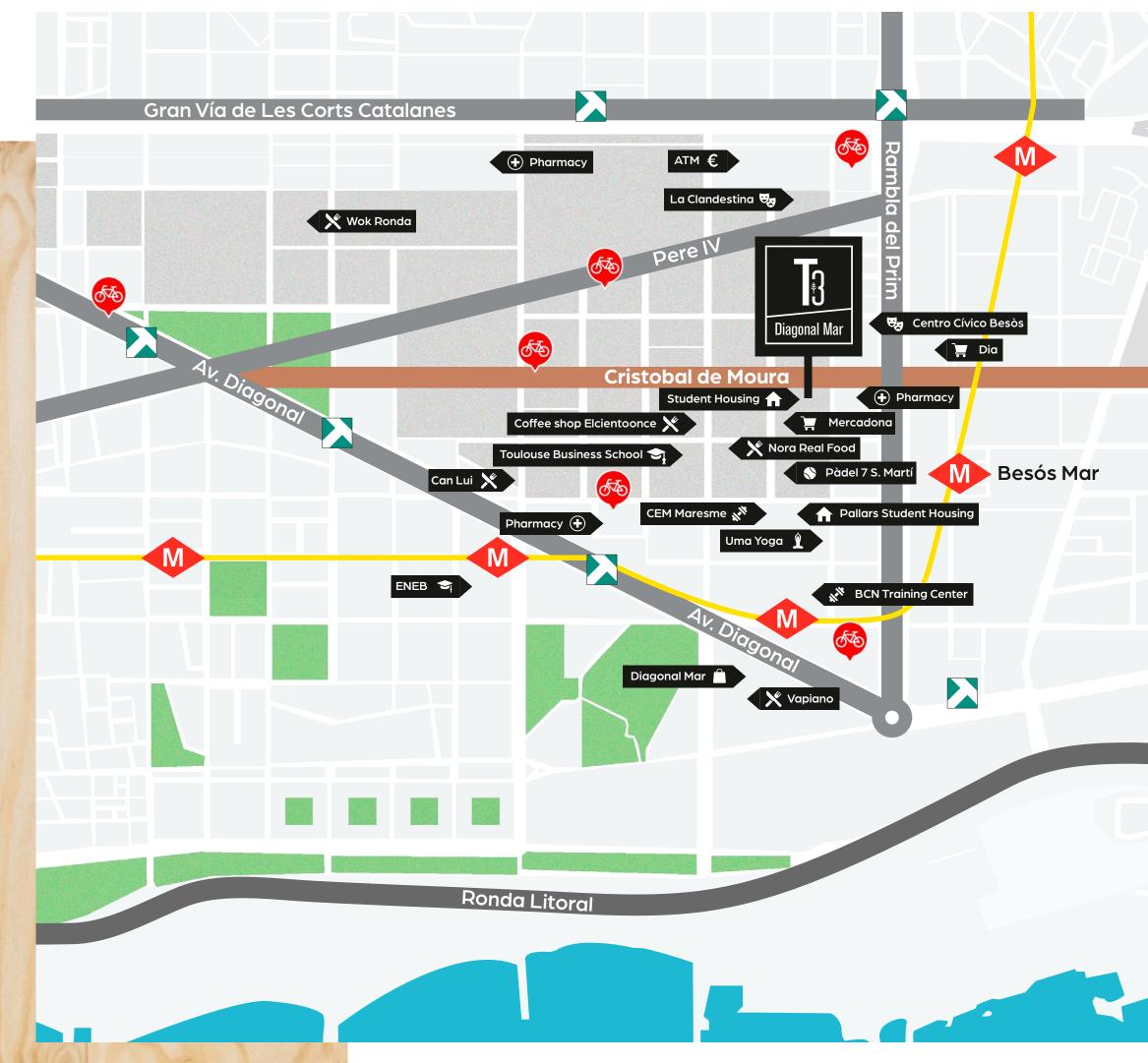


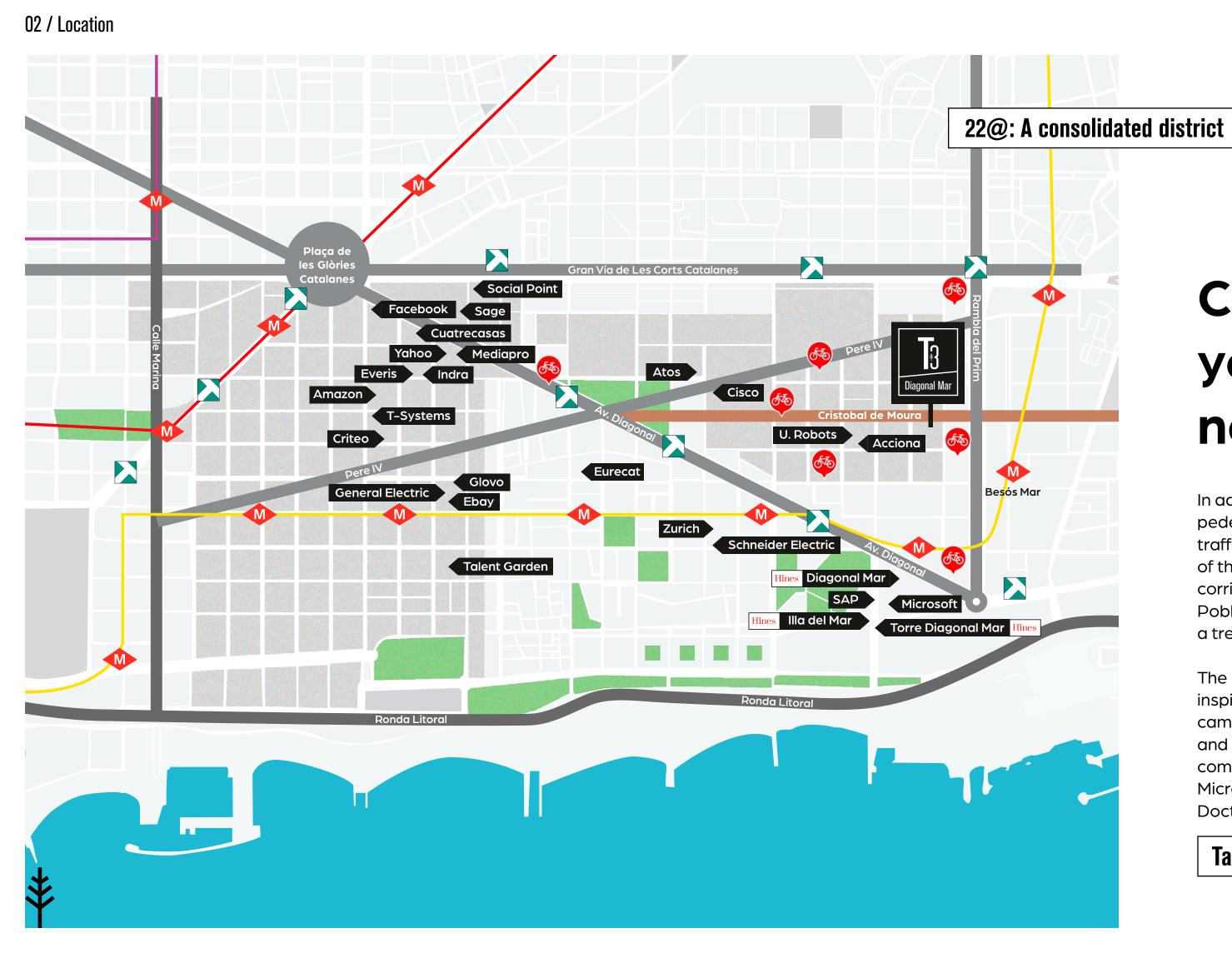
# Be part of a 21<sup>st</sup> century community

T3 Diagonal Mar is just one piece in an ambitious vision for Barcelona. It has been designed to slot into a ribbon of mixed-use development fronting a vibrant superblock, where offices and apartment buildings mingle with green space, amenities and everyday services, such as supermarkets and fitness centres.









# Can we show you around the neighbourhood?

In addition to creating new spaces for pedestrians and streamlining road traffic, the project will join up with one of the city's most extensive green corridors, linking Parc Central de Poblenou and Parque del Besòs via a tree-lined walkway.

The brightest minds are attracted and inspired by this area, with university campuses like TBS Business School and UPC close by, as well as a business community boasting names like Microsoft, Acciona, Deloitte, Zurich, Doctoralia and Universal Robots.

Talent is in the neighbourhood





# Be part of the city

And do it your way: Metro, tram, bus, car, motorcycle, bicycle or scooter. From here, the entire city is yours to enjoy, and T3 Diagonal Mar is all about frictionless motion.



# Hines knows 22@

urban transformation since the early days, delivering on the vision for a better urban future. In recent years, we've taken the lead on a number of major projects in the district, including the

Hines has been actively involved in 22@'s Diagonal Mar shopping centre, the Illa del Mar apartment complex, the mixed-use Torre Diagonal Mar (home to an elegant five-star hotel) and Diagonal 123 – one of the most future-oriented workspaces in Barcelona.

# From T3 Diagonal Mar to...

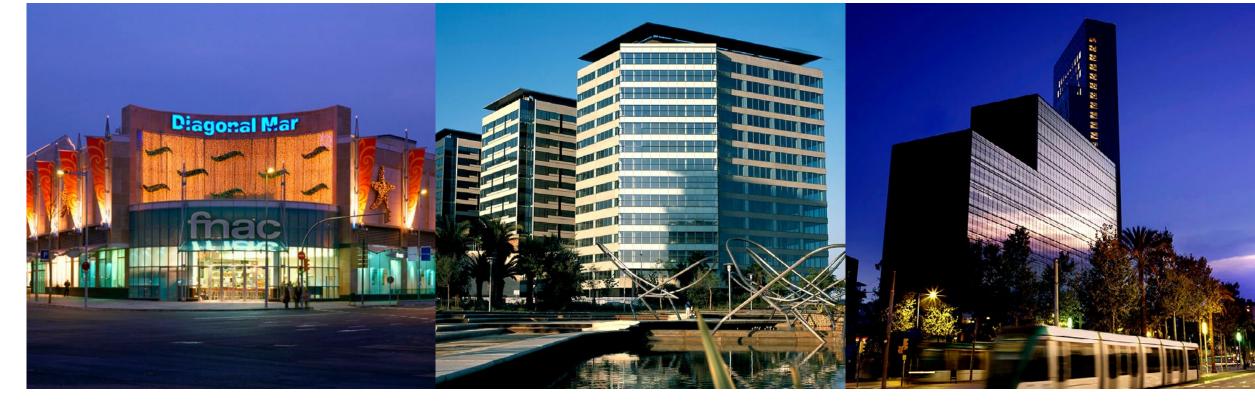




Airport







Diagonal Mar shopping centre

Torre Diagonal Mar

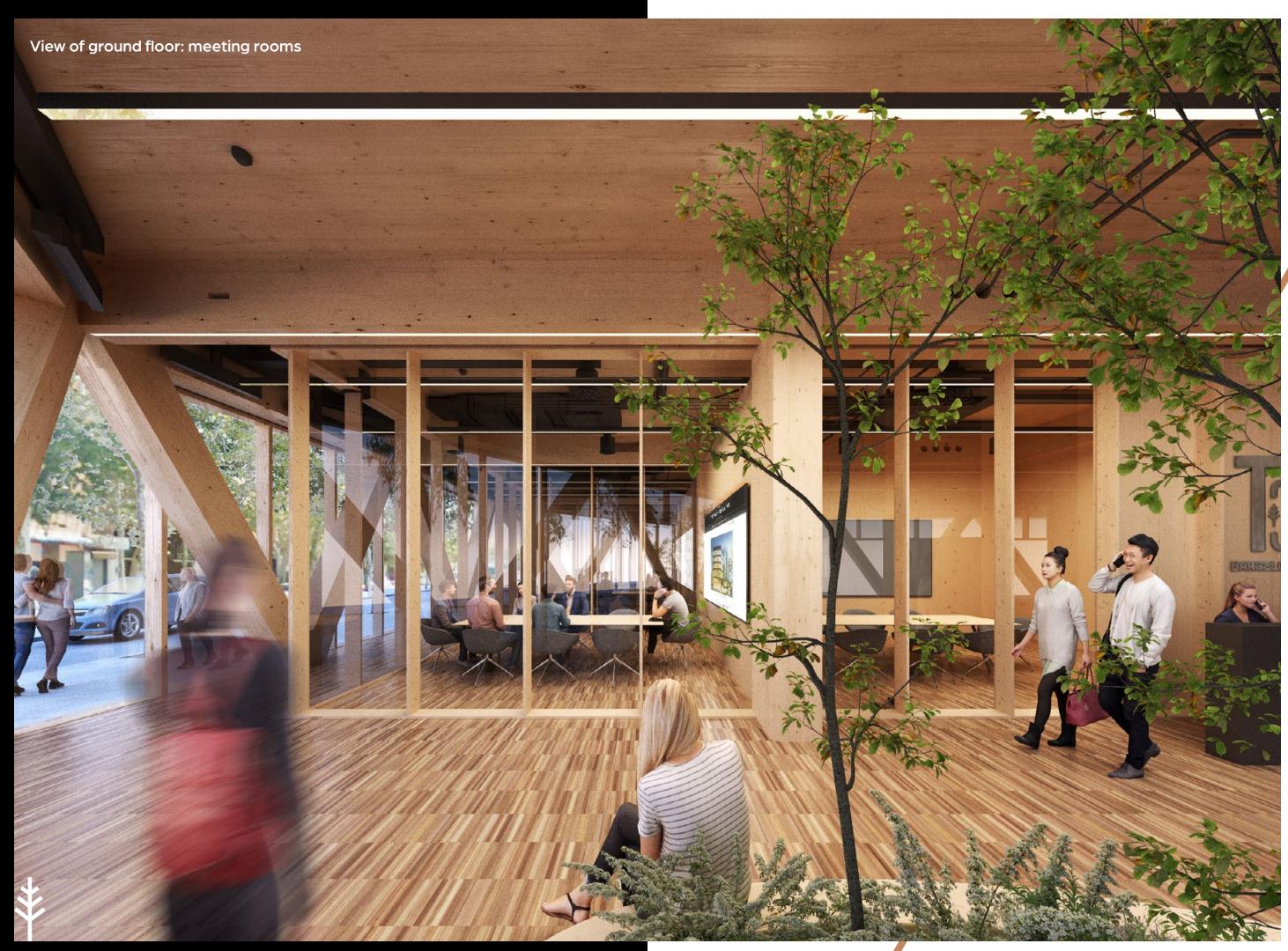
Diagonal 123



# Space \*

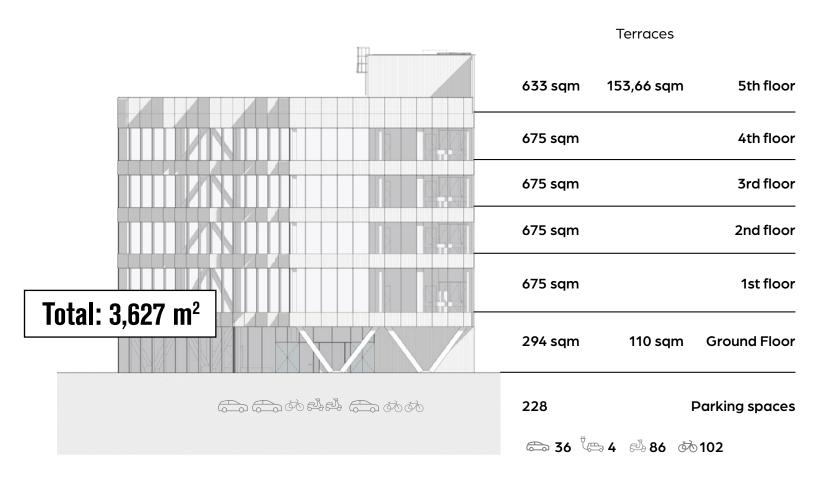
Timber architecture like you've never seen before





With six floors of entirely timber–built workspace, T3 Diagonal Mar is reinventing the office. We want your team to feel comfortable, safe and creatively inspired in a unique environment.

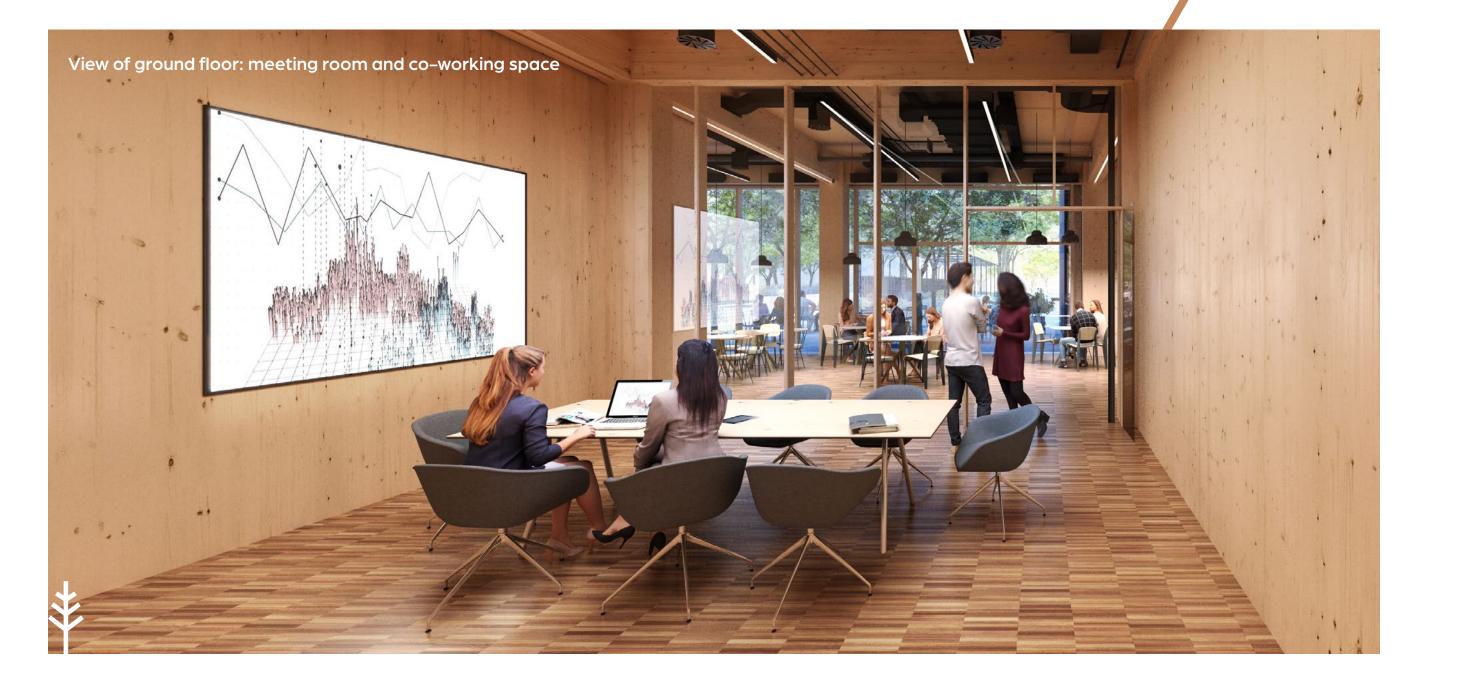
T3 Diagonal Mar will empower your business by the latest technology, bringing organisational benefits and a sharp corporate image.



03 / Space / **01 Timber** 

# Cut loose from convention

Concrete and steel have a new challenger: wood. T3 buildings are constructed entirely from natural, sustainable timber, put together with cutting-edge architectural technology. The result is a warm, restorative and uplifting space that treads far more lightly on the earth.



# **Good for companies**

- Smart design = complete organisational freedom
- Prefabricated modules = lower fit-out costs
- Fire-treated timber façade (show sugi ban) = minimal maintenance
- Unparalleled performance and structural safety for a fraction of the impact

# Good for people

- 66% of employees prefer timber buildings to conventional offices
- 14% productivity boost in a unique environment they love
- Significant reduction in stress and more balanced energy levels
- Biophilic design aids focus, fosters creativity and inspires innovation
- Lowers blood pressure and heart-rate and strengthens the immune system
- Wood-based materials improve air quality and maintain stable humidity levels

# **Good for the planet**

- Renewable timber harvested from locally sourced\*, young trees
- Reduces CO<sub>2</sub> emissions responsible for climate change\*\*
- \* A cleaner way to build, with fewer greenhouse gas emissions
- \* Minimal environmental impact, even after demolition
- Recycled flooring crafted from timber offcuts

<sup>\*</sup> Egoin Wood Group, Natxitua (Vizcaya)

<sup>\*\*</sup> As well as eliminating all the CO<sub>2</sub> emissions generated by extracting, transporting and using cement, every cubic metre of timber used for building locks up the equivalent of two tonnes of emissions over its life cycle, including a tonne of CO<sub>2</sub> that would otherwise be released by biodegrading trees, according to Juan Fernández–Golfín, a researcher at the INIA.

03 / Space / **02 Workspace** 

View of office floor

# Make yourself comfortable

At T3 Diagonal Mar, we've planned every detail to elevate your working day. Biophilic elements to refresh body and mind, strategically placed columns to create the perfect formation for teamwork and

communication and a lateral service core to clear the stage for natural light and stunning panoramic views enjoyed by every workstation.

# An ecosystem for success

T3 Diagonal Mar is designed to help everyone strike the right balance and supercharge their quality of life.



# (Dis)connect on the terrace

Relax, refuel, reconnect or grab a quick Instagram break against the beautiful backdrop of Barcelona's skyline.

# Take care of no.1

Chalk up a run in one of two nearby parks or make the most of the city's cycleways – you'll find private, fully equipped changing facilities back at the office.

03 / Space / **03 Services** 03 / Space / **04 Technology** 



T3 Diagonal Mar has its own underground car park with plenty of space for cars, motorcycles, bicycles and electric vehicles.



Make your mark

The ground floor features a dedicated area ideal for creating your own co-working space and conference suite. Anything you can imagine can be brought to life.



You deserve a break

Rests are also important. There is nothing better than a relaxing space with views and surrounded by nature.

# At the leading edge of technology

T3 Diagonal Mar combines all the advantages of timber construction with the latest generation of smart office solutions to create a more lightweight building with a smaller environmental footprint.

It's also a safer way to build, thanks to oversized beams and columns that lock in more structural integrity than any concrete and steel box. In the event of a fire or other emergency, it could make all the difference.







# A new vision for well-being and sustainability

Thanks to its pioneering design, materials and construction technology, T3 Diagonal Mar meets all of the stringent criteria for LEED Platinum, WELL v2 and WiredScore certification.



Every workstation has been thoughtfully designed for ocular and ergonomic comfort.



T3 Diagonal Mar is committed to supporting your comfort and well-being; that's why you'll find natural elements and textures throughout the building.



Outstanding interior air quality free of harmful particles, thanks to market-leading ventilation systems and regular monitoring.



With plenty of healthy lunch options and strict water-quality controls, you'll always be well fuelled and ready to shine.



Oversized picture windows have been built into our stairwells, rewarding healthy habits with spectacular views.

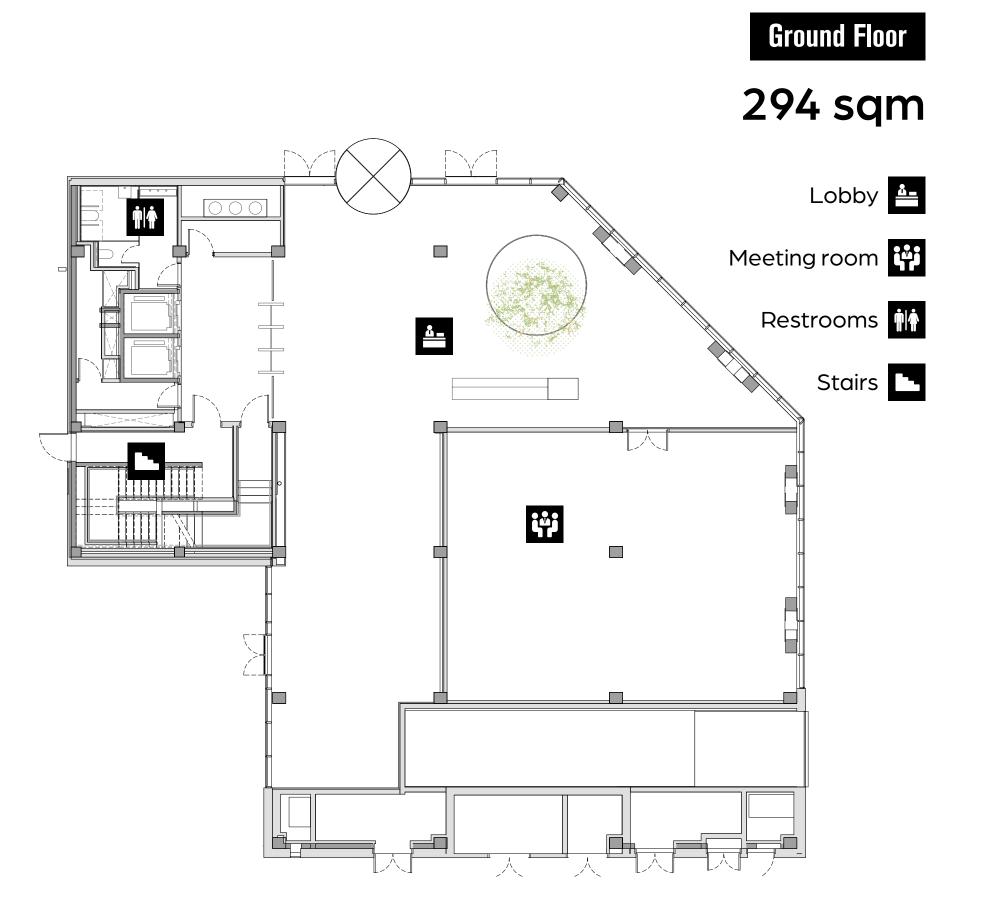


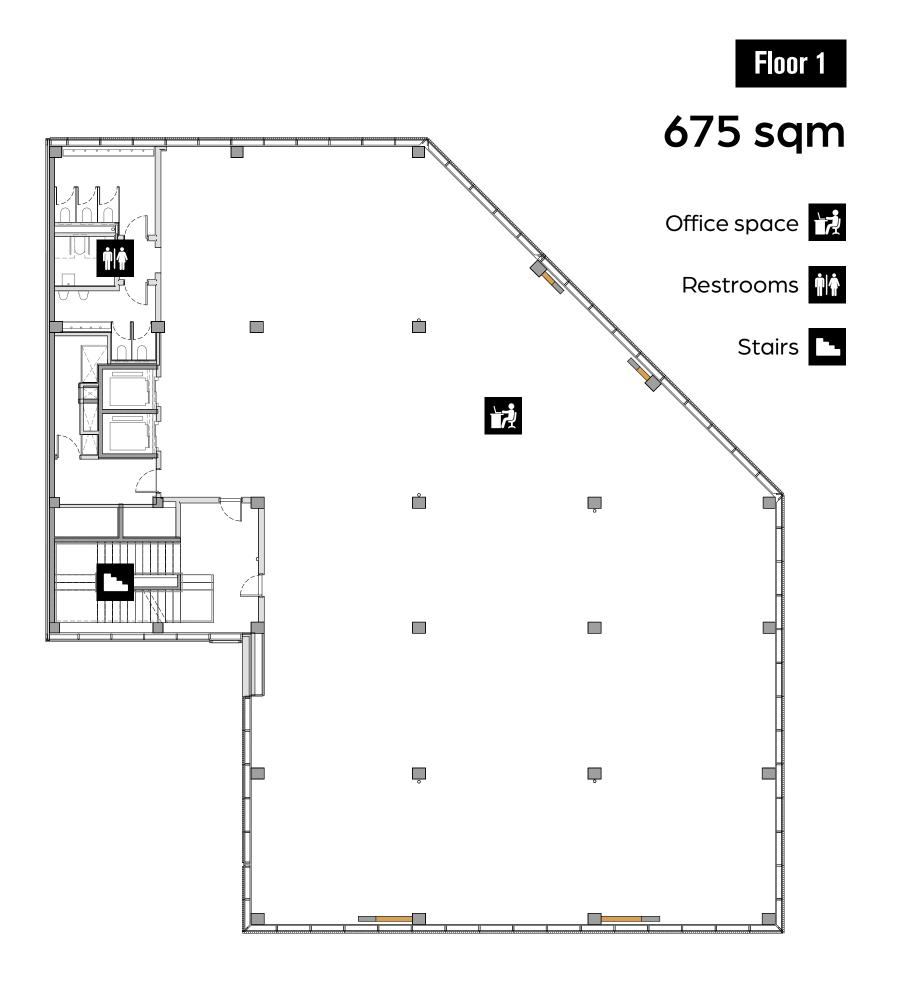
T3 Diagonal Mar uses 14% less energy and 47% less water than a conventional office building, thanks to photovoltaic panels and a high-performance grey water system.





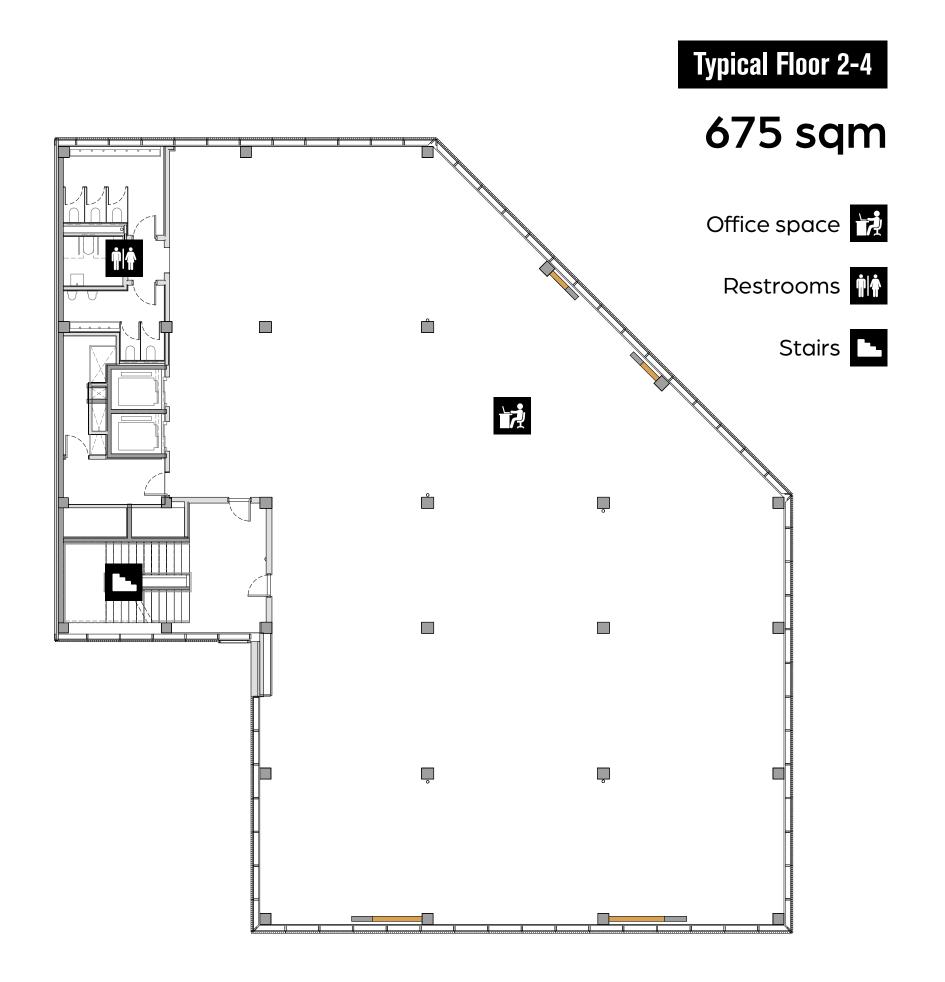
03 / Space / **06 Plans & Tech Specs** 

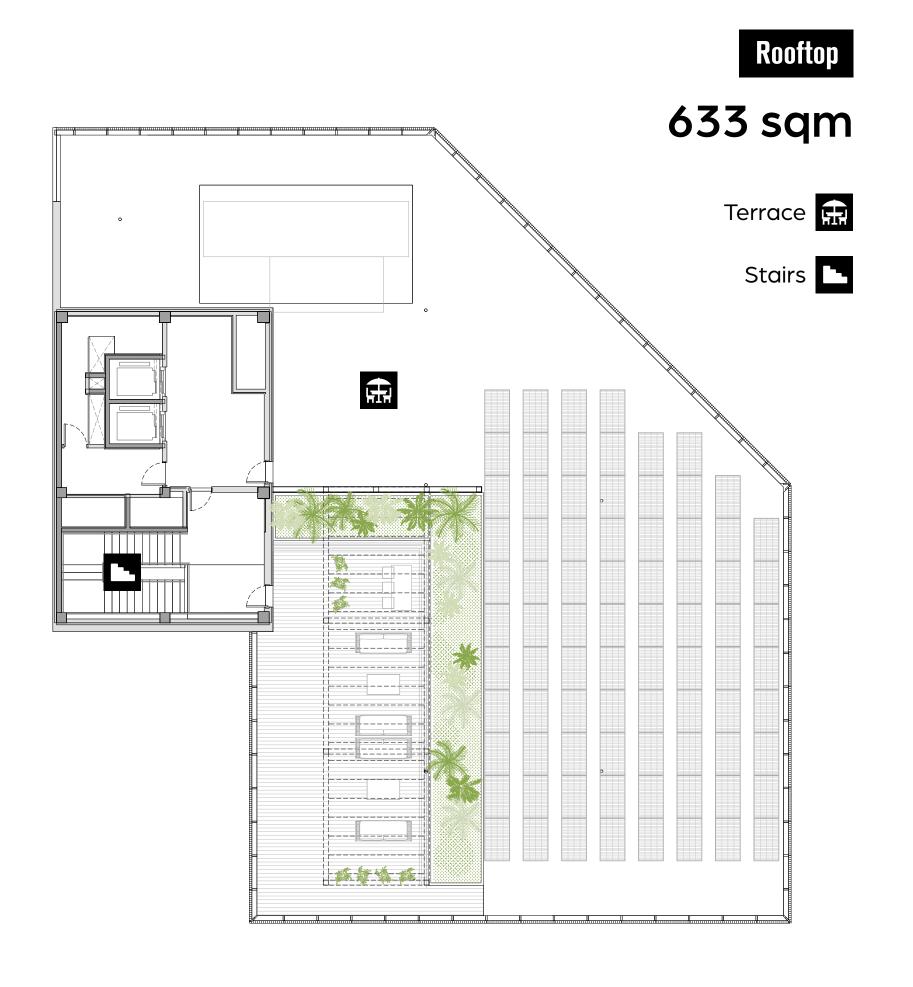






03 / Space / **06 Plans & Tech Specs** 







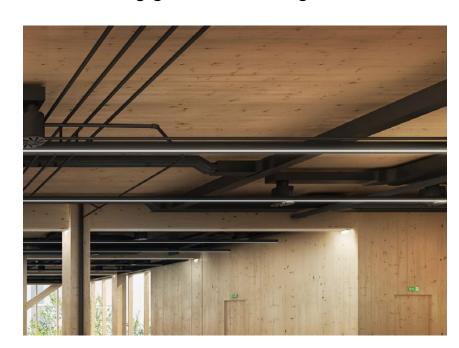
03 / Space / **06 Plans & Tech Specs** 

# More than just wood

There's more to discover at T3 Diagonal Mar.

# Lighting

- All lighting systems in the building are low consumption LEDs.
- The building's lighting system uses DALI technology to automatically adapt to take advantage of natural light from the exterior to minimise consumption.
- The building's façade adapts to the different orientations of the building elevations to maximise natural light while minimising glare from sunlight.



### **Electrical Installation**

The electrical installation has been divided into different sectors for each of the floors, allowing each floor to work independently.



# **Solar Energy**

- On site photovoltaic energy production which enables auto consumption in the building to lower external energy demand.
- 92 roof top PV panels (34kW of electrical capacity) connected directly to the building electrical system.



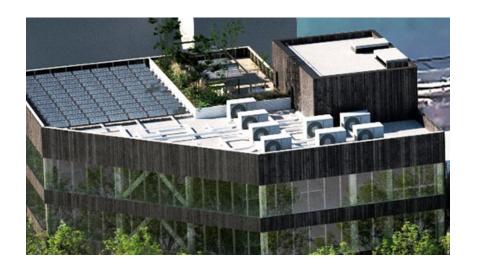
### **Telecoms**

The building has a dedicated telecommunication room which connects directly to each floor providing independent systems if necessary.



### **Air Conditioning**

- All primary energy for heating and cooling of the building comes from the 22@ district's Districtima network, eliminating the need for on site energy production.
- The subsystems are adapted to use exterior air for free cooling when possible.
- All office areas are fitted with 4 pipe fan coils to offer the maximum amount of flexibility and efficiency to occupiers.
- Latest generation air ventilation systems to ensure maximum interior air quality and a healthy working environment.



### **Parking**

- The building includes 40 car parking spaces, 10% of which are adapted for electrical vehicles, 86 motorcycle spaces and 102 bicycle parking spaces.
- The parking lobby includes changing rooms and shower facilities.



# Lifts

- 2 lifts that provide access to all floors including the basement and the roof terrace.
- Timber structure main staircase on the exterior corner of the building, with natural light and views to promote an active use of this space.



### Façade

- The façade of the building has been designed to provide the maximum amount of natural light to the workspace while at the same time minimising glare and solar gain.
- Following the same design plan as the timber structure of the building, the façade cladding is made from carbonised wood, an ancient Japanese technique used to protect wooden façades from maritime climates, termites and other diseases.



### Security

- Latest generation Building Management system to control all building operations.
- Security control in the main lobby and the basement parking area.
- Anti-intruder system incorporating volumetric detectors and magnetic contacts.
- Surveillance system via CCTV in all the entrances to the buildings via fixed TV cameras, screens and digital video recorders.
- Vehicle access control in the underground parking levels via barriers and card reading machines.
- Latest generation fire detection and extinction systems.



A Hines development



# Hines

Founded in 1957, Hines is a global leader in real estate investment, management and development. Today, the company has a presence in 225 cities in over 25 countries, and a real estate portfolio valued at €144,000 million.

Hines has led the way in 22@barcelona innovation district at the beginning of the century, with the development of the Diagonal Mar Shopping Centre and other prestigious developments including offices, high end residential developments and more recently student housing.





# For more information:

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