

# Welcome Miano Innovation District

west gate MINE

A new milanese District and a model of urban regeneration responding to a vision of innovation and sustainable quality of life

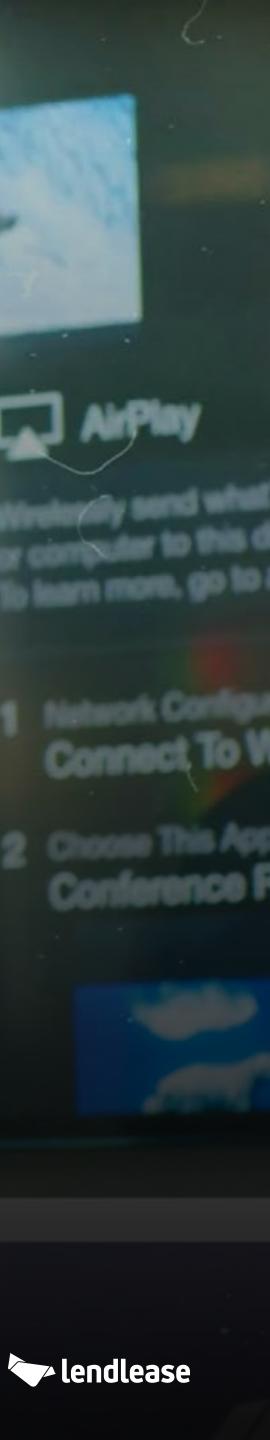




# Imagine if...



## PLAY VIDEO



## 1 mln SQM surface area

335,000 SQM (SLP) public anchors

## 100,000 SQM (SLP) other public space

480,000 SQM (SLP) **Private Development -**Mixed use real estate

€2.6 bn **Gross Development Value** 

2030 target completion

200,000 SQM of grade a offices (GLA)



20,000 SQM of co-working (GLA)





1,500 BTR or serviced apartments



1,100+ student accomodation beds

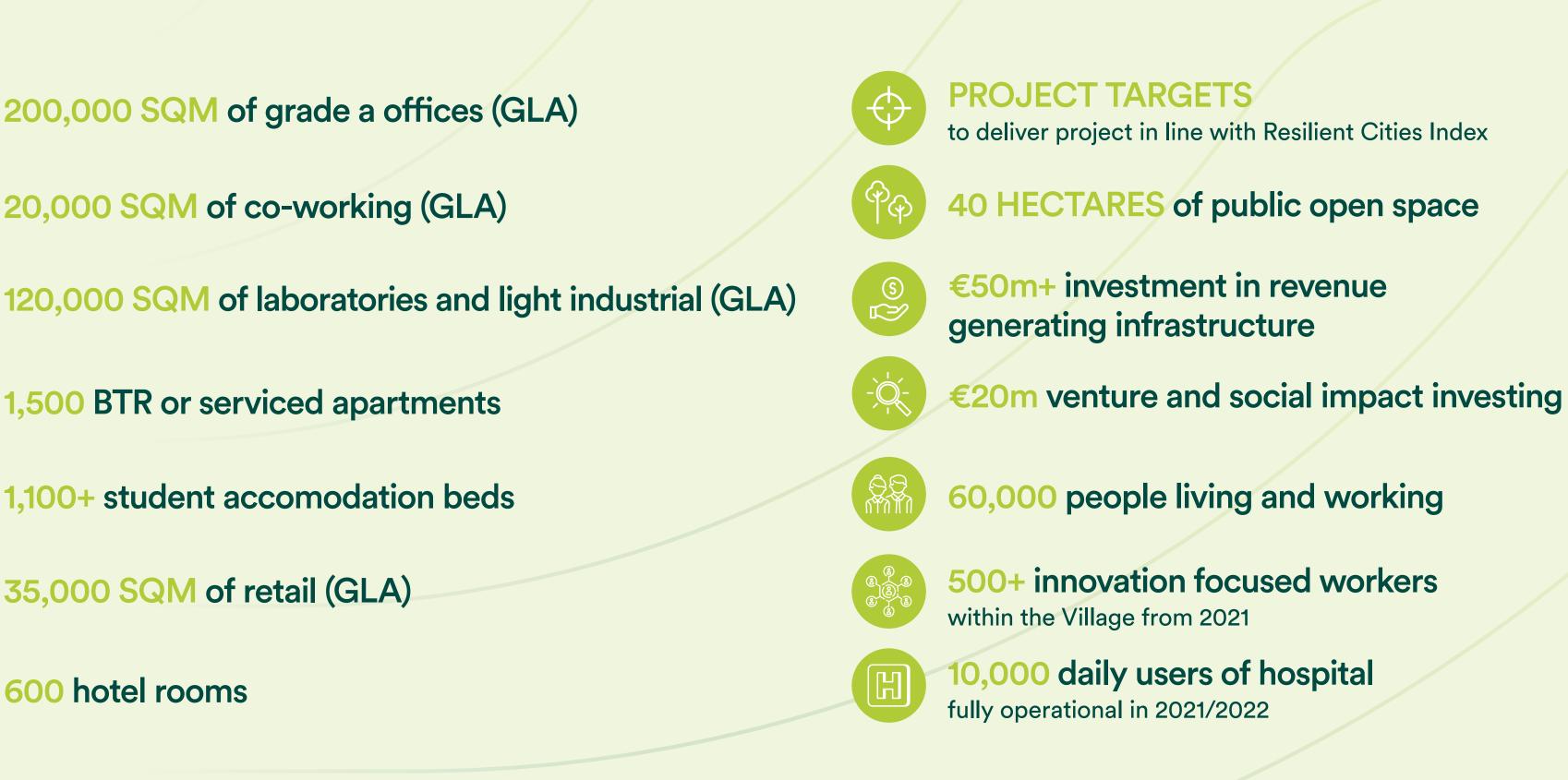


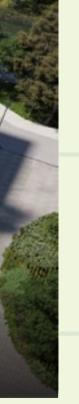
35,000 SQM of retail (GLA)

600 hotel rooms



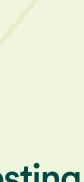




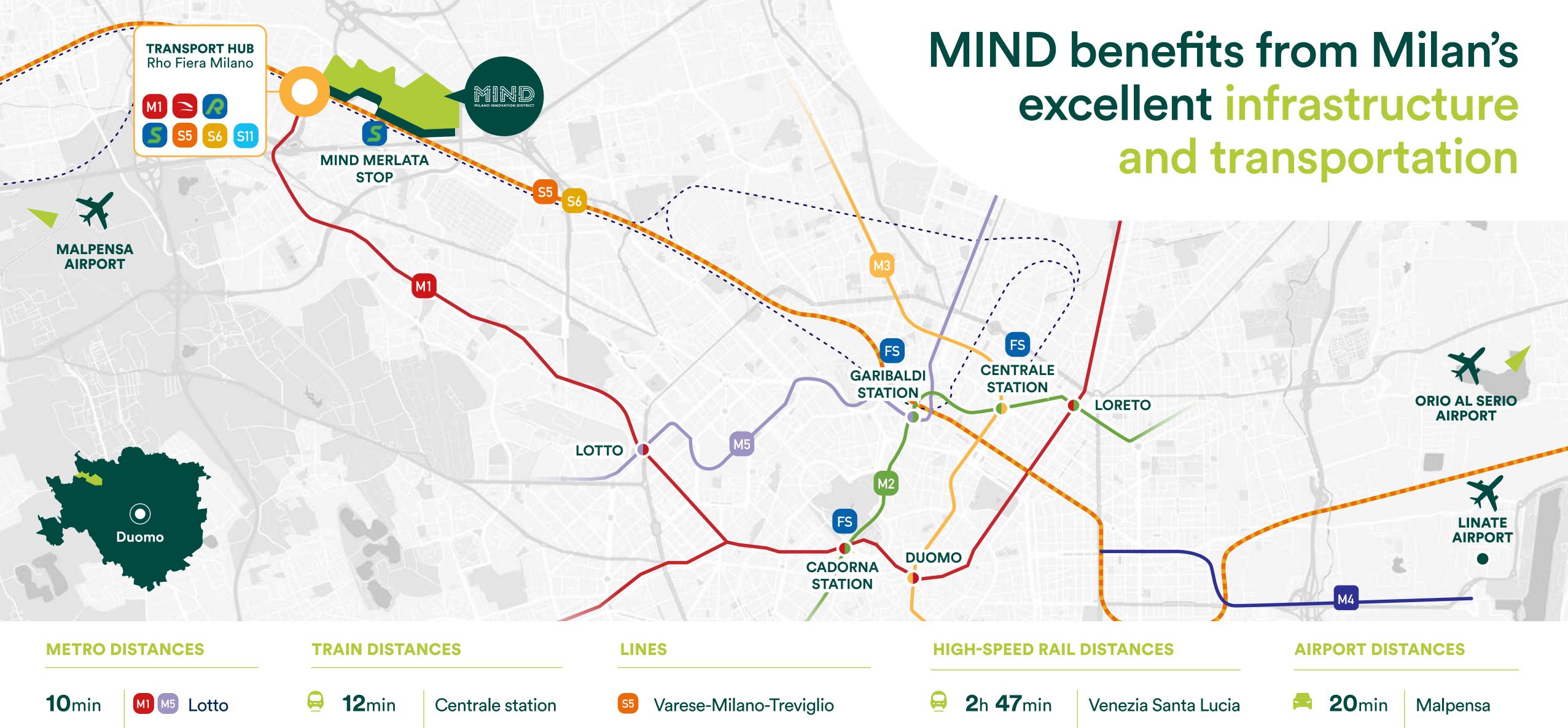












Novara-Mila

**16**min

**25**min

Garibaldi station

Cadorna station

Ð

**20**min

**24**min

M1 M2 Cadorna

M1 M3 Duomo

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| Varese-Milano-Treviglio | <mark>⊖</mark> 2h 47m    | nin Venezia Santa Lucia |          | <b>20</b> min | Malpen    |
|-------------------------|--------------------------|-------------------------|----------|---------------|-----------|
| Novara-Milano-Treviglio | 😔 <b>38</b> min          | Torino Porta Susa       | <b>–</b> | <b>30</b> min | Linate    |
| Chiasso-Como-Milano-Rho | 😔 <b>3</b> h <b>20</b> m | nin Roma Termini        |          | <b>45</b> min | Orio al S |







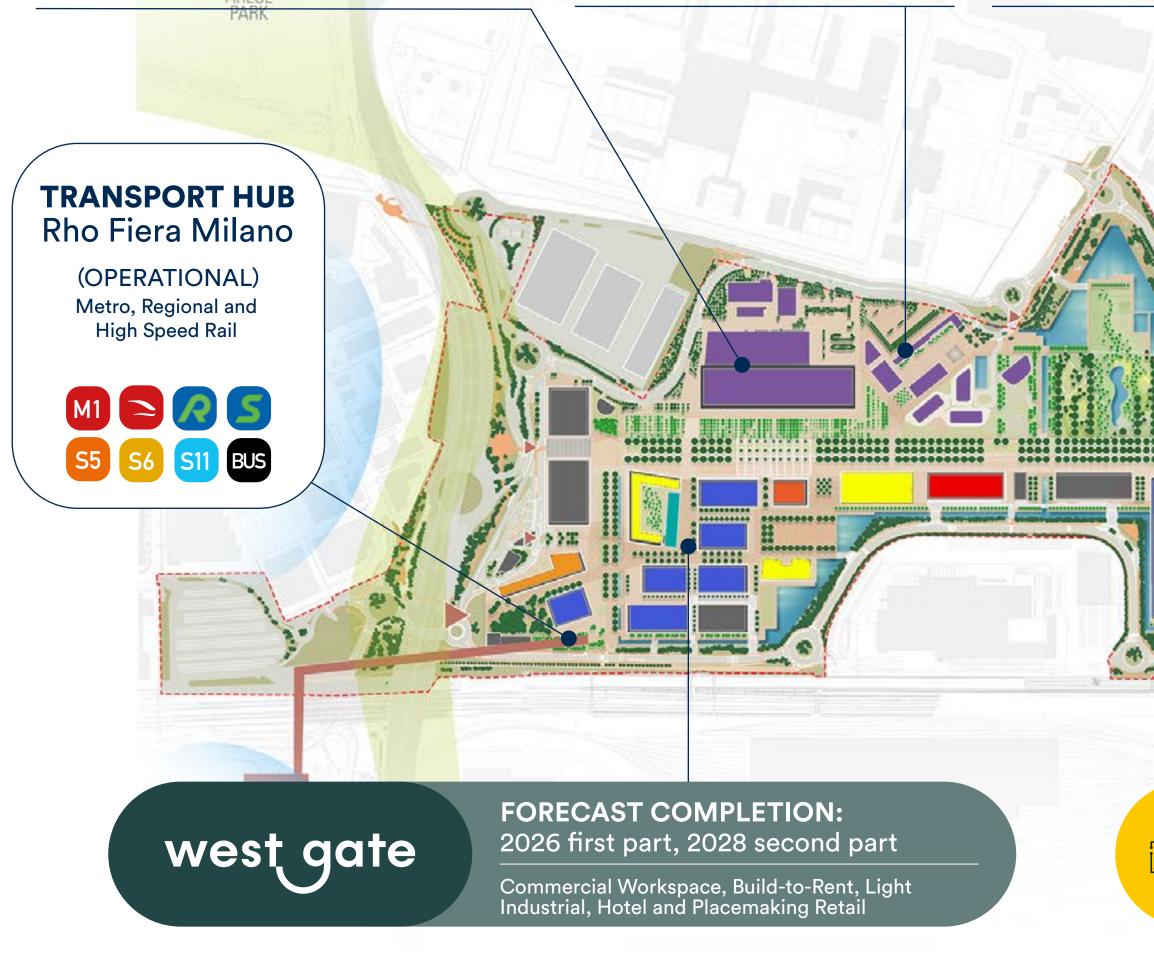
## **GALEAZZI SANT'AMBROGIO** HOSPITAL

(OPERATIONAL) State of the art IRCCS hospital with over 500 beds

**CASCINA TRIULZA** 

(OPERATIONAL) Existing heritage building dedicated to social association and activities

**VILLAGE PAVILION** (OPERATIONAL) **Designtech Innovation Hub** 





federated ... innovation

MIND

## **HUMAN TECHNOPOLE**

(OPERATIONAL, FORECAST COMPLETION: 2028) Life Sciences Research Centre

## **UNIVERSITY OF MILAN**

(FULL COMPLETION: 2027) University of Milan's Science Campus

## **MIXED USE ZONE 3**

(FORECAST COMPLETION: 2031) Commercial Workspace, Build-to-Rent, Light Industrial, Hotel and Placemaking Retail

## **MIXED USE ZONE 2**

(FORECAST COMPLETION: 2029) Commercial Workspace, Build-to-Rent, Light Industrial, Hotel and Placemaking Retail

### **MIND MERLATA STOP** (FORECAST COMPLETION: 2027) Location of Second Passante Stop

MINDVILLAGE

.......

Milling and

### **OPERATIONAL FROM:**

23

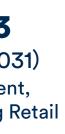
2022

Commercial Workspace, Laboratories, Retail, Amenities and Marketing Suite

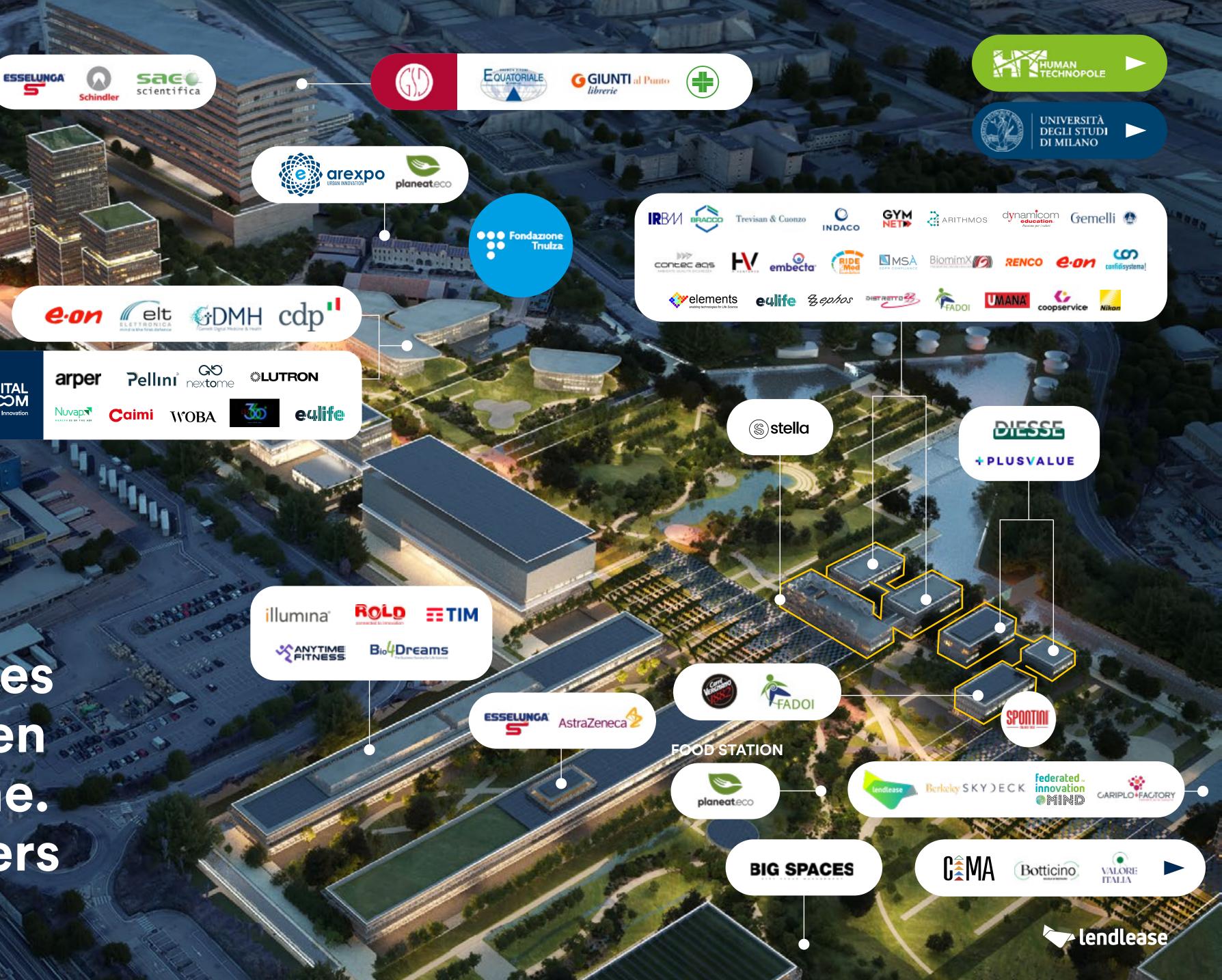
COMMERCIAL RESIDENTIAL RETAIL HOTEL IGHT INDUSTRY-LAB STUDENT HOUSING PUBLIC PROGRAMME VARKS PARKING TECHNOPOLO













Visionary corporates have already chosen MIND as their home. They are the minders

5

eon



## **Discover your neighbors**



## MIND has opened its doors to the public in 2022 and it is continuing its development

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# MIND Ecosystem

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## A global excellence in lifescience to propel innovation





**Seven anchors are** driving MIND's development and will catalyze an influx of innovative companies and excellent projects



sciences in Italy.



Innovation network for the third sector.



domain.



Innovation ecosystem of private entities in partnership with key public authorities.

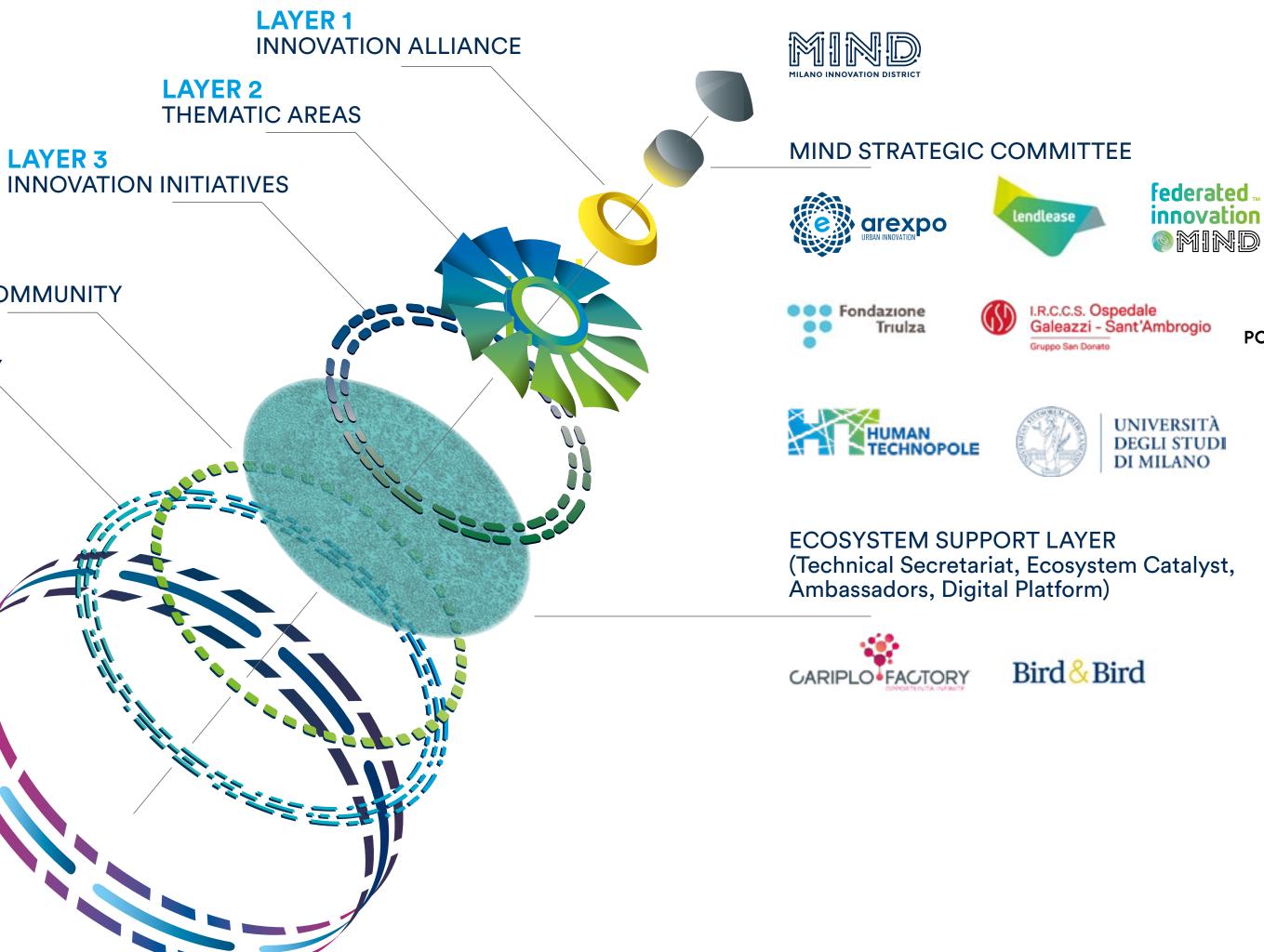
Public scientific-technological University, leader in teaching and research.

Arexpo owns the area where Expo Milano 2015 was held and has the task of developing MIND.





## Federated Innovation@MIND is a space for innovation, a partnership of private and public entities born to turbocharge innovation in Lifescience and City of the Future.



LAYER 4 **BUSINESS COMMUNITY** 

LAYER 5 TALENT COMMUNITY

**Discover** all innovation initiatives

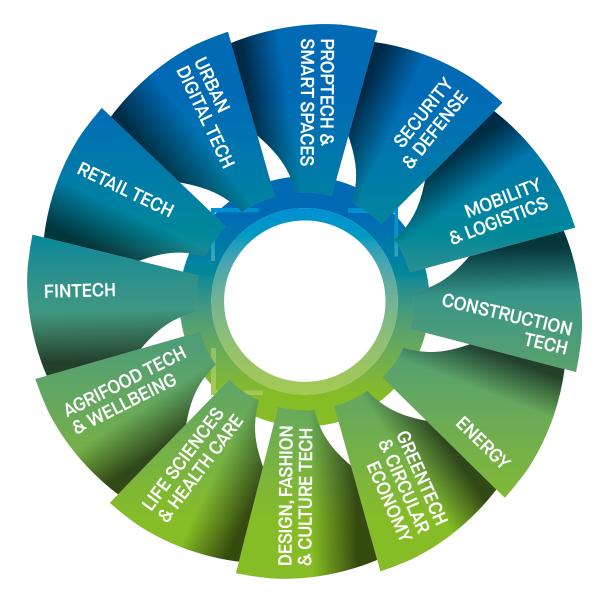
**Register here to join our Business and Talent Community** 











+ 5000

Average Employees

+31%

Women presence at Board level

## +40.000 €

Average budget for Federated Innovation projects +48%

Women employed

+2M € Average budget for R&D



ENERGY TRANSITION & MOBILITY

LIFE SCIENCES & WELLBEING

SMART PLACES & BUILDING INNOVATION

URBAN DIGITALIZION & NEW SERVICES









# WestGate: Nurturing innovation every day

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The first mixed-use milestone carrying the whole District's vision



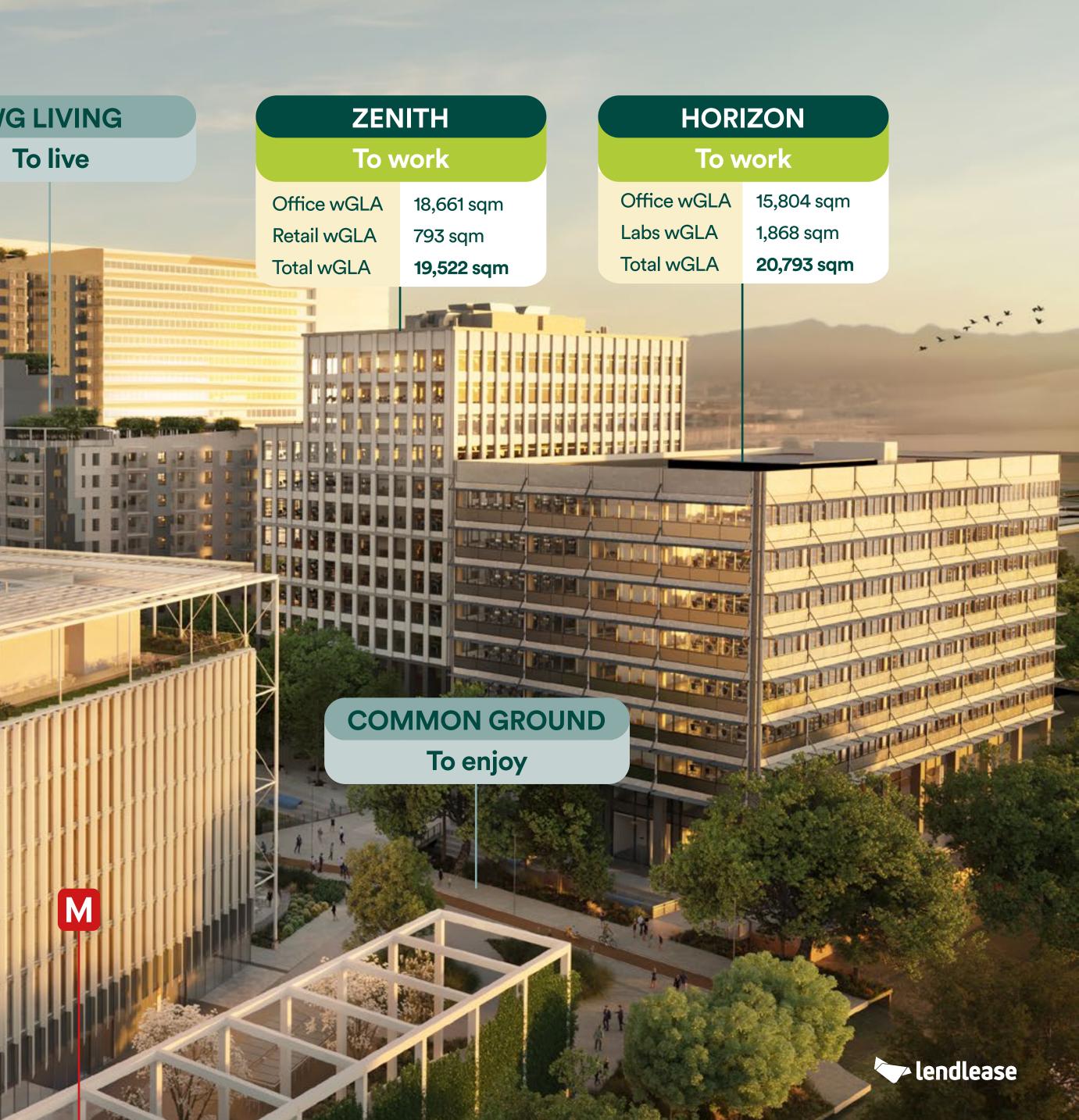


## Welcome to West Gate, the place to stay, work, live, connect and enjoy

west gate MIND



|        | MOLO                          | WG HOSPITA | LITY  |
|--------|-------------------------------|------------|---|
|        | o work                        | To stay    |   |
|        | iLA 2,554 sqm<br>_A 3,037 sqm |            |   |
|        |                               |            | INNOVATION HUB  |
|        |                               |            | To work   |
|        |                               |            | Office wGLA6,171 sqmRetail wGLA870 sqmTotal wGLA7,069 sqm |
|        |                               |            |   |
| west g | ate Mino Innovation District  |            |   |



## **Connections and accessibility**

Horizon building benefits from direct access to public transport hub, as well as taxi and delivery drop off.

The car park building (adjacent to Horizon) has direct access to the A52 motorway and local roads.

Internal mobility services are available today to facilitate connection across site and will be further implemented in line with site development. Here's the list of the existing ones:



### **MIND SHUTTLE**

e-shuttle service with 4 stops: Cargo 6 / Cascina - C1 / MIND Village / Palazzo Italia active 7.30 - 20.00 / monday - friday



### **MIND SHARING**

e-mobility sharing service 25 personal vehicles powered by Helbiz **TRANSPORT HUB** Rho Fiera Milano

(OPERATIONAL)

Metro, Regional and High Speed Rail

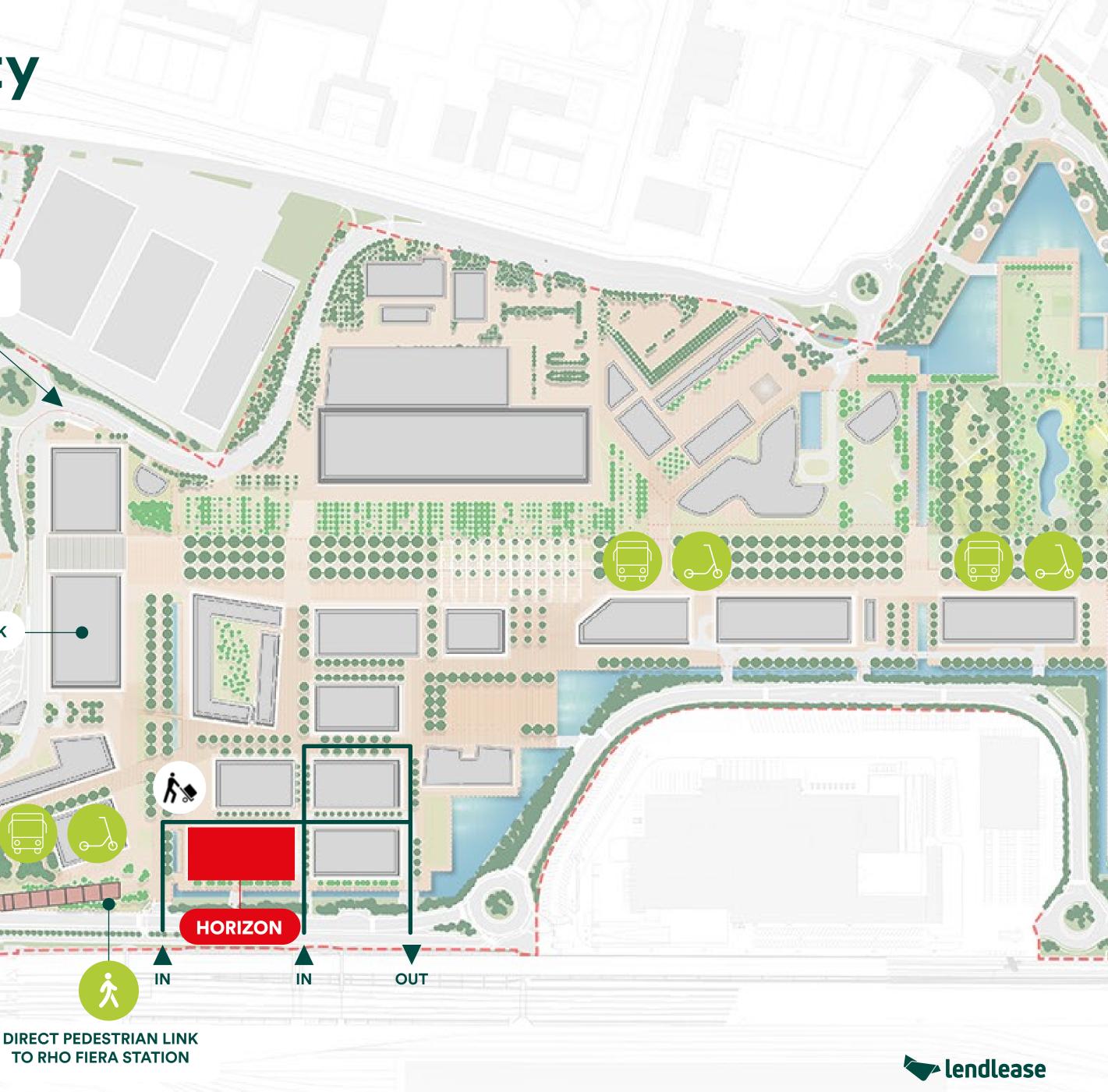




**MOLO CAR PARK** 





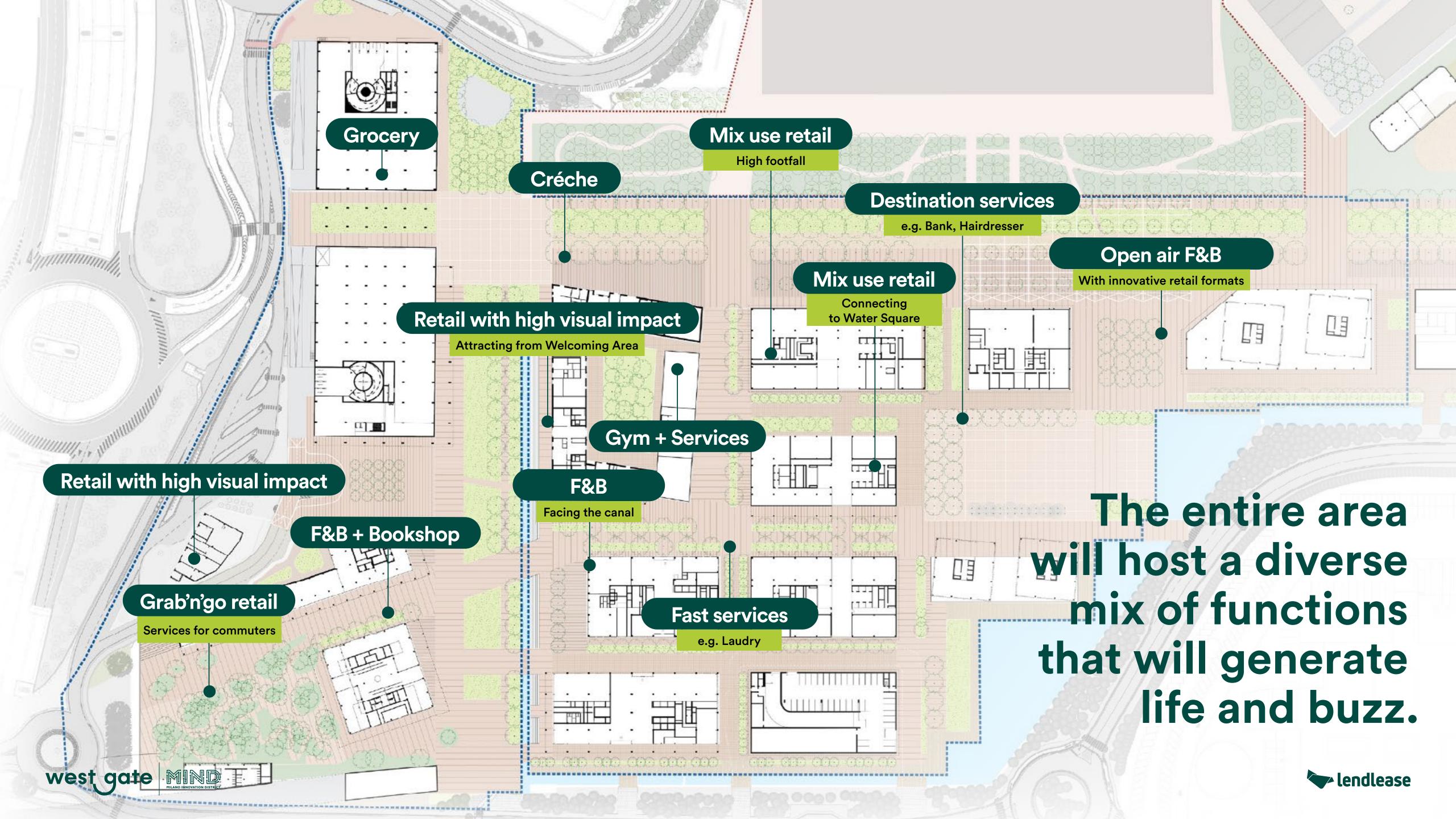


# WestGate will reshape your experience of urban life:

come find your way of working, living, connecting and enjoying







## Something to do, all over the day



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SHIM C

32



## Cycle/pedestrian and public transport





Follow the yellow flow on the ground to navigate the site!

### **CYCLE/PEDESTRIAN ACCESS**

### FROM MM1:

Go down at Rho Fiera (MM1), beyond gates turn right and go through the tunnel till the

### **FROM TRAIN STATION:**

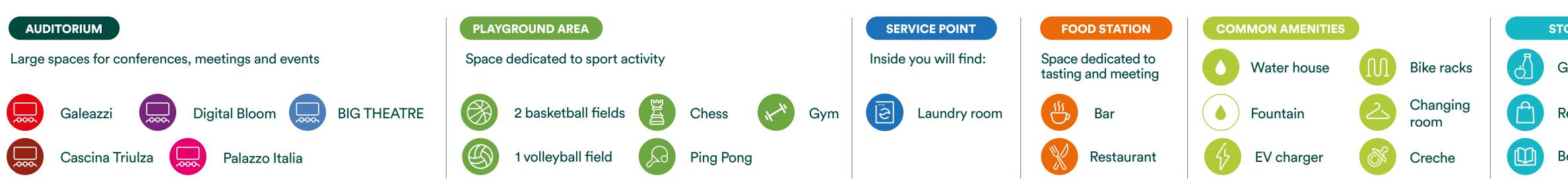
Reach the end of the tunnel beyond platform 6, then follow the yellow tunnel at your rig Follow the yellow flow on the ground to reach MIND Shuttle stop 1. TheShuttle is free to navigate the site.

| rt access   | IRCCS Ospedale Galeazzi -<br>Sant'Ambrogio   |
|---|--|
| A8  | 2<br>Cascina Triulza   |
| 9   | <b>3</b><br>Digital Bloom  |
|   | 4 The Hive   |
| 4 5   | 5<br>Village Pavilion  |
|   | 6<br>Cocoon & Paddock  |
| 6   | The Value  |
|   | 8<br>Human Technopole  |
| A4  | 9<br>Piazza Expo 2015  |
| MIND SHUTTLE STOPS  | SCOOTER PICK-UP POINTS   |
| ne end.<br>2 Cascina Triulza - Arexpo - C1                | Inside MIND it is possible to move around with <b>HELBIZ</b> scooters.                       |
| right.<br>Mind Village<br>Palazzo Italia - Human Technopo | Pick up your scooter at the pickup points and remember to park it in the appropriate spaces. |









## MIND will be an urban pilot for the european green transition.

It will bring together the public and private sector and the European Investment Bank to advance the following environmental criteria. Lendlease has established a series of indicators and monitoring tools to ensure that these ambitions are being realised on the way to absolute zero.



## Water management strategy

Integrated strategy to reduce sitewide potable water demand



## Embodied carbon in construction

50% reduction against RICs carbon footprint benchmarks



## Resilience to extreme weather

Masterplan considers the<br/>effect of heat islands andMIND is designed to<br/>increase both people<br/>and planet's wellbeing





## Energy performance

The whole electricity demand will be 100% renewable



## Resource management

No waste approach and high standard recycling objective

## Green mobility strategy

Fully electric transport onsite, walkable and cyclable routes







## One Health principles approach

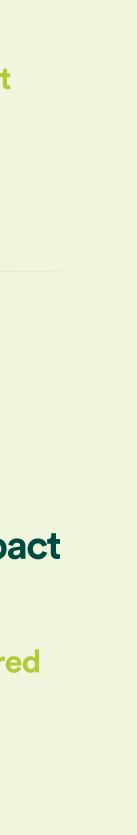
## **Engagement and behavioural change**

Engaging audience to take the greenest and healthiest choices

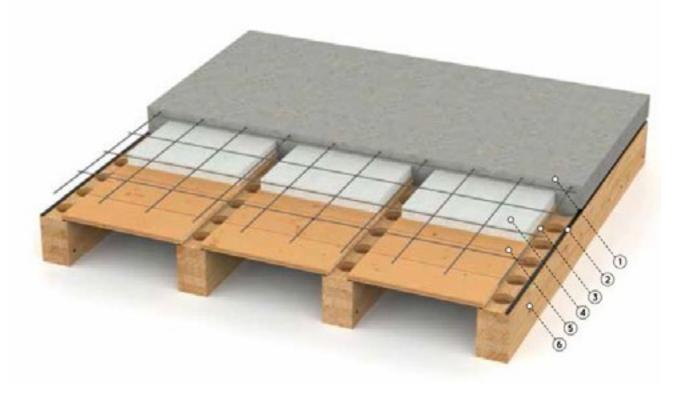
## Environmental impact transparency

Impact will be monitored and verified by third independent party





## WestGate buildings implemented a DFMA structural system

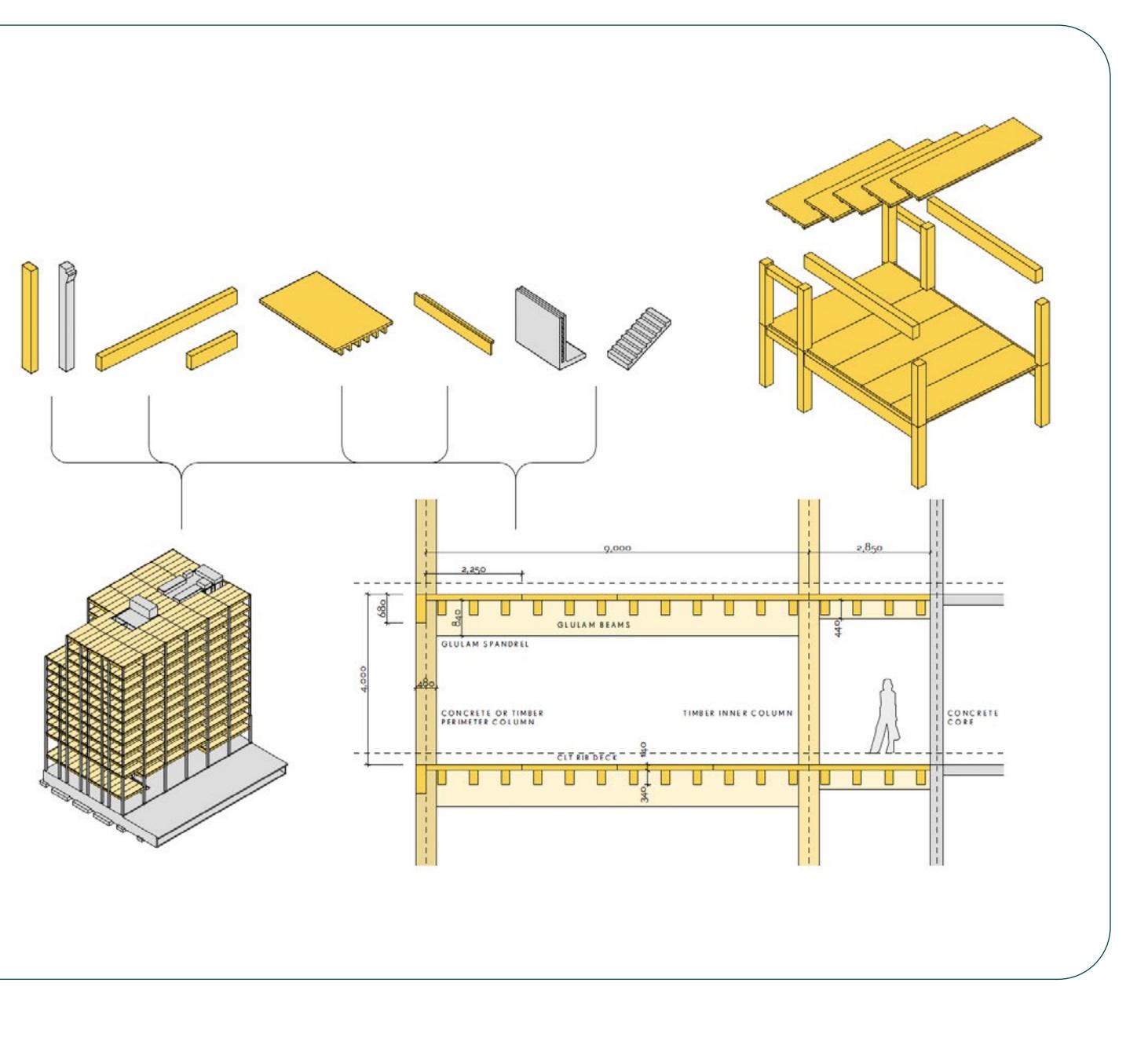


Prepanel is a totally precast element composed by:

- Glulam beams
- 20-25 mm timber boards
- Precast reinforced concrete screed (dry)
- Structure is compliant to DFMA\*

\*(Design for Manufacture and Assembly) the elements of a building are created in manifacturing environment improving efficiency, and construction time reducing waste of materials







# Horizon Towork

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Horizon is conveiced with State-of-the-art materials and design principles to respect the environment and sustain humans











## Work & leisure, formal & casual, privacy & openess: the contrasts innovation relies on to spark







| Stacking plan |                          | WGLA sqm |
|---------------|--------------------------|----------|
| 8             | Office                   |          |
| 7             | Office                   |          |
| 6             | Office                   | 2,214    |
| 5             | Office                   | 2,214    |
| 4             | Office                   | 2,214    |
| 3             | Office                   | 1,519    |
| 2             | Office                   |          |
| 1             | Labs                     |          |
| 0             | Lobby                    |          |
| -1            | Basement                 | 28       |
| wes           | Gate MINOVATION DISTRICT |          |



## **Monotenant layout**



Stairways, elevators

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Toilets

## Support spaces:

- **3** L meeting rooms
- 4 M meeting rooms
- 4 S meeting rooms
- 8 phone booths
- 2 quiet rooms
- 2 copy areas
- 2 project space 2 wardrobes
- **1** lockers room
- 1 break area

## 31%

**69%** 



Work desks: 96 desks **19** closed offices

| Open spaces            | Closed spaces |
|------------------------|---------------|
| 83%                    | 17%           |
| Max floor<br>crowding: | 257           |

Total desks: 135





## **Bitenant layout**



Toilets
Stairways, elevators



|        | Tenant 1               | Support spaces:<br>2 L meeting room<br>2 S meeting room<br>1 modular meeting room<br>2 phone booths |   | 1 quiet room<br>1 copy area<br>1 wardrobe<br>1 lockers room<br>1 break area |
|--------|------------------------|---|---|---|
|        |                        | 44%<br>56%<br>Work desks:<br>48 desks<br>5 closed offices<br>4 reserved desks                       |   |   |
| ()<br> |                        |   |   |   |
|        | Open spaces            |   | Closed spaces                           |   |
|        | 92%                    |   | 8%                                      |   |
|        | Max floor discrowding: | 28  | Total <b>72</b><br>desks:               |   |
|        | Tenant 2               | 2 S meet  | ing room<br>ing room<br>ar meeting room | 1 quiet room<br>1 copy area<br>1 wardrobe<br>1 lockers room<br>1 break area |
|        |                        | <b>45%</b><br>55%   |   |   |
|        |                        | Work des<br>24 desks<br>6 closed<br>4 reserve   | sks:<br>offices                         |   |
|        | Open spaces            |   | Closed spaces                           |   |
|        | 96%                    |   | 4%                                      |   |
|        | Max floor<br>crowding: | 28  | Total desks: 72                         |   |
|        |                        |   |   |   |



lendlease

## Horizon 4.1.1

**Offices: Class A Open spaces** 

### **LOCATION:**

## West Gate, MIND Milano Innovation District Milan Municipality

Metro every 4minutes to Duomo, 5 minute by train to/from Milano Centrale. 30 minutes to Linate, 35 minutes to Milano Malpensa Airport

### **PROPOSED COMPLETION DATE:**

Q12026

## **TOTAL AREA GLA:** 20,793 sqm (GLA Global - Revision 16)

### **FLOOR PLATES:**

Typical floor plates are approximately GLA: 2,325 sqm Maximum workplace density Nia: 1:8 Efficiency Nia/Gia: 85% Soft spots for interconnecting stairs

### **BUILD QUALITY:**

**BOMA International Investment Class A** Shell & Core + Catergory A fitout including raised floor, finished lobby and amenities. Provision for ceiling up to 2700 high, 3500 high.

### **TIMBER FLOOR DECKS:**

### **AIR QUALITY:**

Fresh air supply: 1.5 l/s m2 with potential to increase to  $\approx 2 \text{ l/s}$  m2 on some floors (3).

Passive chilled beams and operable windows.

west gate MIND

## Context

- Connectivity  $\rightarrow$
- Public space  $\rightarrow$
- Visibility  $\rightarrow$
- Common ground  $\rightarrow$

## Low impact

- Passive Design  $\rightarrow$
- Low Embodied Carbon  $\rightarrow$
- Life Cycle Positive  $\rightarrow$

## Health & Wellbeing

- Green areas  $\rightarrow$
- LEED, WELL, Wired Score  $\rightarrow$
- $\rightarrow$  Walkability

## Reinforced concrete core, in correspondence with the stairwells, elevators and technical areas and made of cast in place reinforced concrete. Typical floor decks until L2 in reinforced concrete cast in place slab and precast timber from L3 to Roof.

## **PRIVATE CARPARK BAYS:**

182 bays available Includes electric vehicles and car share spaces for entire building.

### LIFTS AND SECURITY:

- **Destination control**
- **Touchless access controls**
- Designed to CIBSE Guide D standards

### **AMENITIES:**

Lobby 

### **WEST GATE AMENITIES:**

- Active ground floor
- End of trip facilities
- Childcare

## **ENVIRONMENTAL TARGETS:**



**LEED:** Gold & Platinum WELL: Gold WIRED: Platinum





## Horizon 4.1.1

**Offices: Class A Open spaces** 

### **ARCHITECTURE:**

The permeable lobby is the building's distinctive element.

The double-height glazing emphasises its visual permeability, just as the permeability of the pedestrian pathways within the building becomes an innovative element with respect to canonical urban space.

**2 restroom blocks,** 4 toilets + 1 handicap accessible toilet 6 lifts + 1 freight lift

### **STRUCTURES (DFMA):**

The interior and elevated structure of the building (floors, beams and columns) are made of wood.

Building designed considering a life cycle assessment and to respond positively to the Carbon Strategy. 

## basement and core: reinforced concrete

ground floor-2nd floor: beams and pillars are in reinforced concrete, while the floors are in wood upper floors: the structure is made entirely of wood

The outdoor spaces on the roof will host air handling units

### **FLOORS:**

raised, excluding floor finish (carpet, PVC or other); 11 cm sub-floor space

### **FALSE CEILINGS:**

not envisaged, the systems will be visible on the wooden structure.



## **MECHANICAL PLANTS:** ACTIVE COLD BEAM HEATING AND COOLING **SMOKE AND HEAT EVACUATION** WITH BMS SYSTEM DOMESTIC WATER SUPPLY SEWERAGE AND RAINWATER DISCHARGE FIRE EXTINGUISHING SYSTEM, WITH AUTOMATIC PRESSURISATION OF SMOKE-PROOF FILTERS **EXTINGUISHING VIA DRY SPRINKLERS** EVAC, CCTV, BMS, INTRUSION LED LIGHTING WITH DALI SYSTEM AND ACCESS CONTROL SYSTEM PHOTOVOLTAIC SYSTEM ON THE ROOF **CENTRALISED AIR TREATMENT SYSTEM** MECHANICAL VENTILATION AND EXTRACTION







## West Gate office space

# Mhere ideas have space to grow, **b o s s o m** and spread







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