

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



**TO WORK** 

200,000 SQM of grade a offices (GLA)
20,000 SQM of co-working (GLA)
120,000 SQM of laboratories and light industrial (GLA)



**TO LIVE** 

1,500 BTR or serviced apartments
1,100+ student accomodation beds



**TO STAY** 

600 hotel rooms



**TO ENJOY** 

35,000 SQM of retail (GLA)



**PROJECT TARGETS** 

to deliver project in line with Resilient Cities Index



40 HECTARES of public open space



€50m+ investment in revenue generating infrastructure



€20m venture and social impact investing



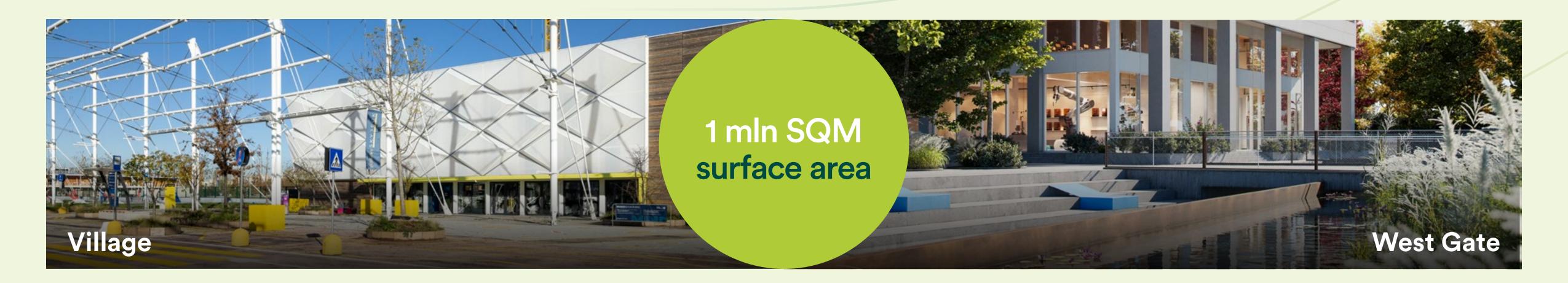
60,000 people living and working



500+ innovation focused workers within the Village from 2021

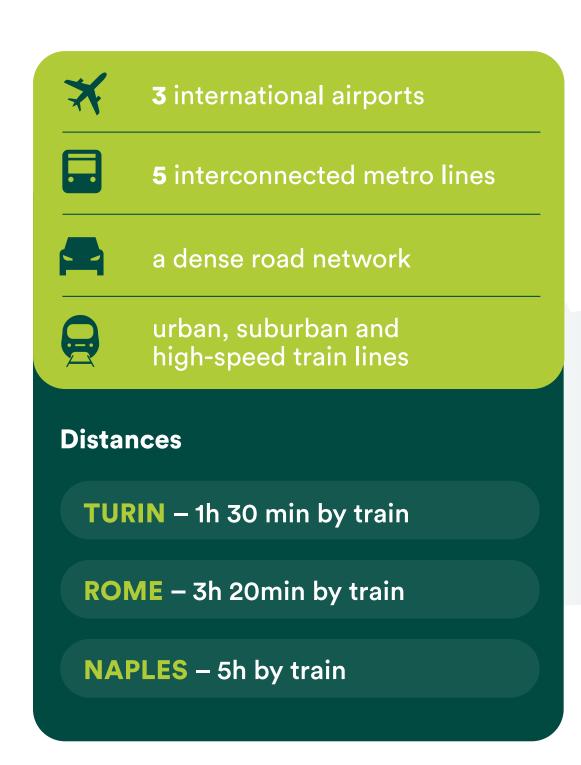


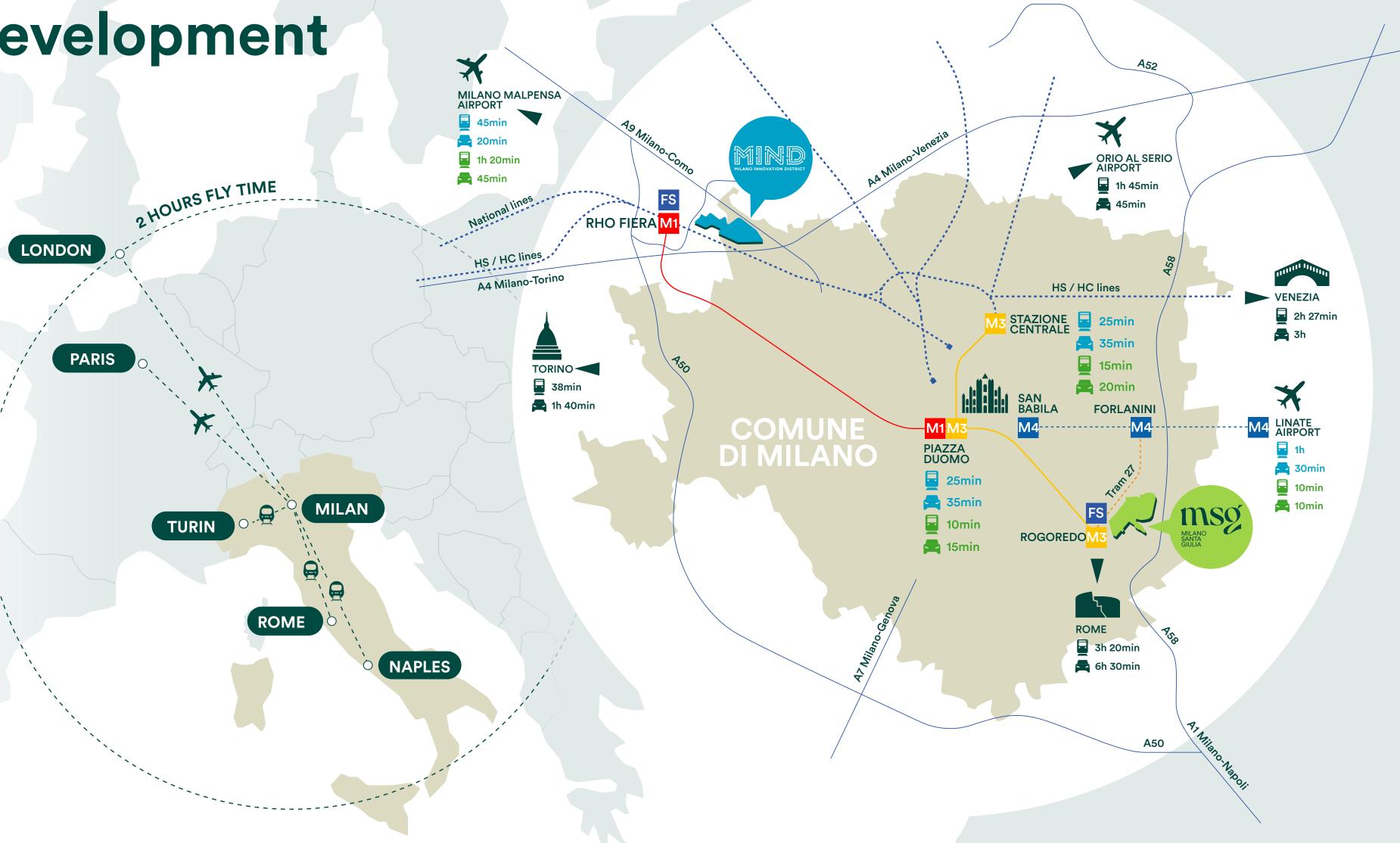
10,000 daily users of hospital fully operational in 2021/2022



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

Lendlease has chosen Milan for the development of 2 urban regeneration projects that share the same mission of defining a new urban model as well as a strategic position in the vibrant city outskirt.











10min



**20**min

Cadorna

**24**min



**12**min

**16**min

**25**min

Centrale station

Garibaldi station

Cadorna station

Varese-Milano-Treviglio

Novara-Milano-Treviglio

Chiasso-Como-Milano-Rho

2h 47min

**38**min

**3**h **20**min

Venezia Santa Lucia

Torino Porta Susa

Roma Termini

Malpensa

30min

**45**min

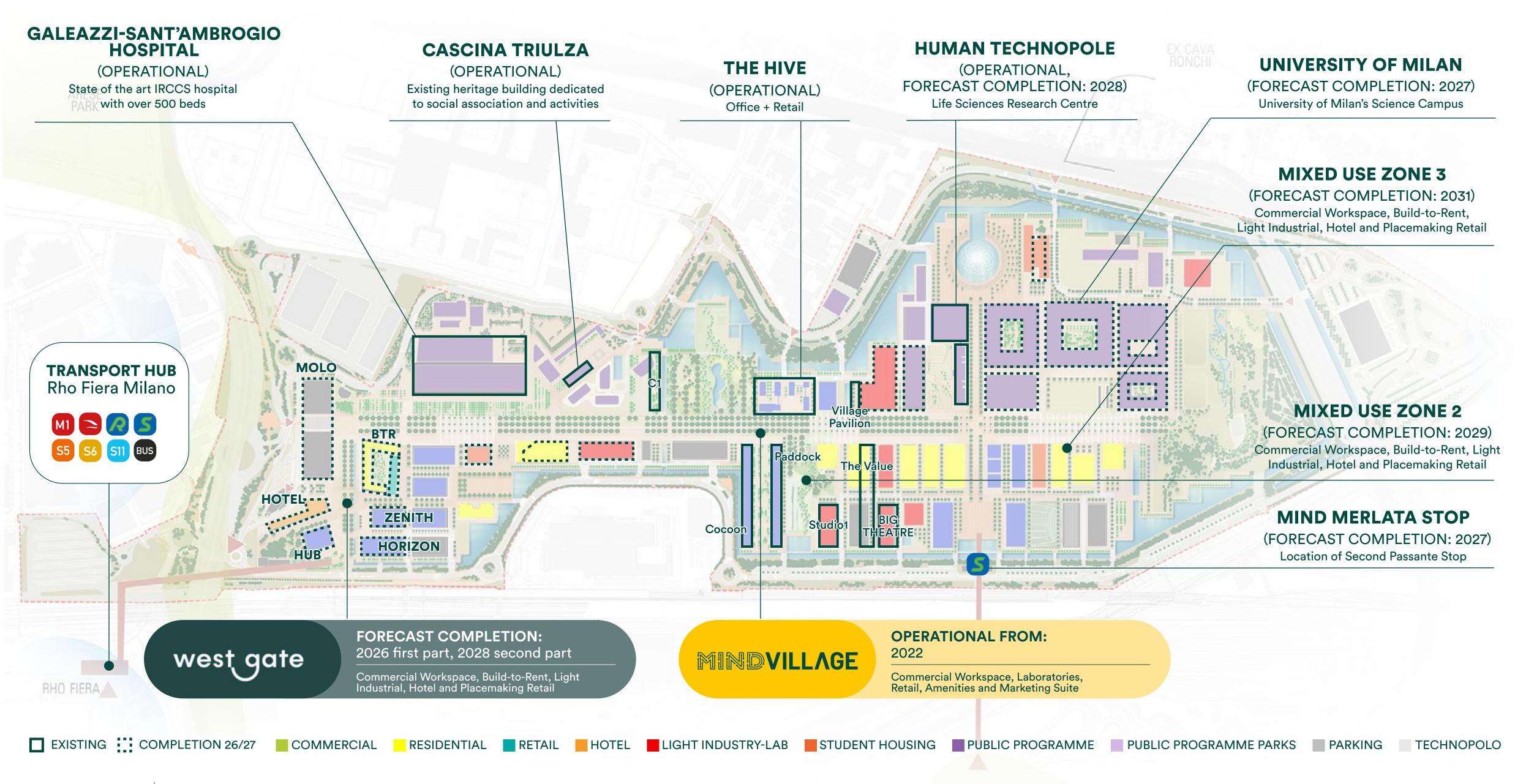
Orio al Serio

Linate







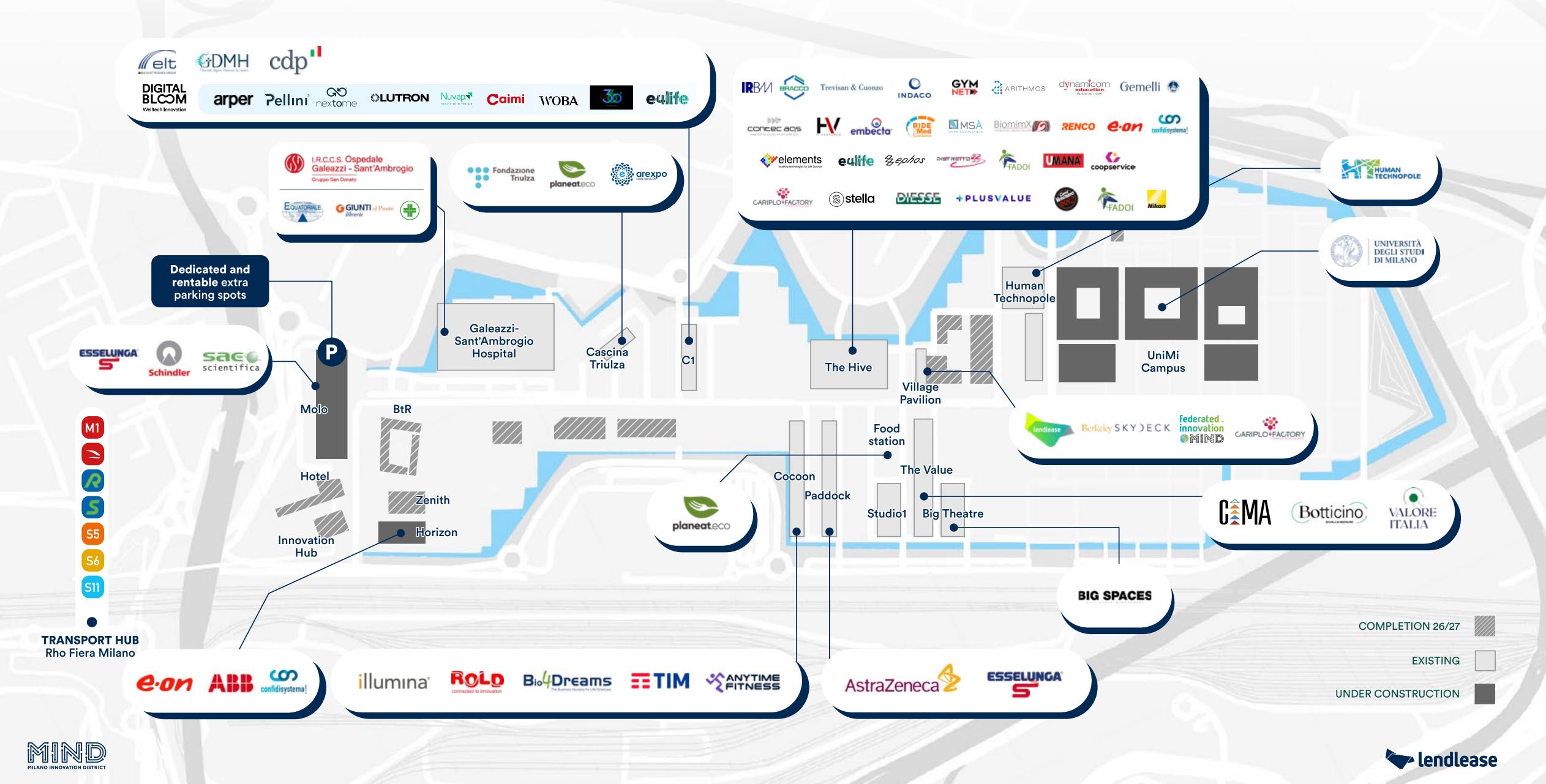




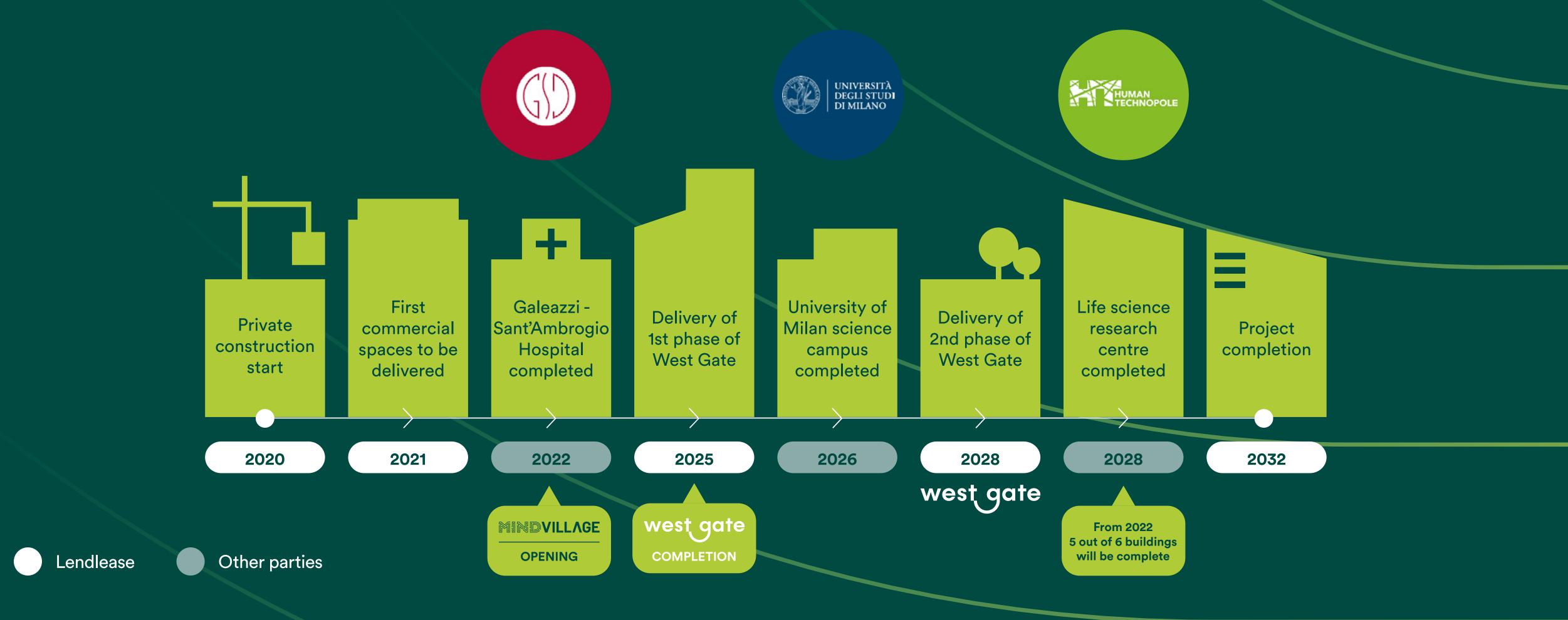


# Discover your neighbors



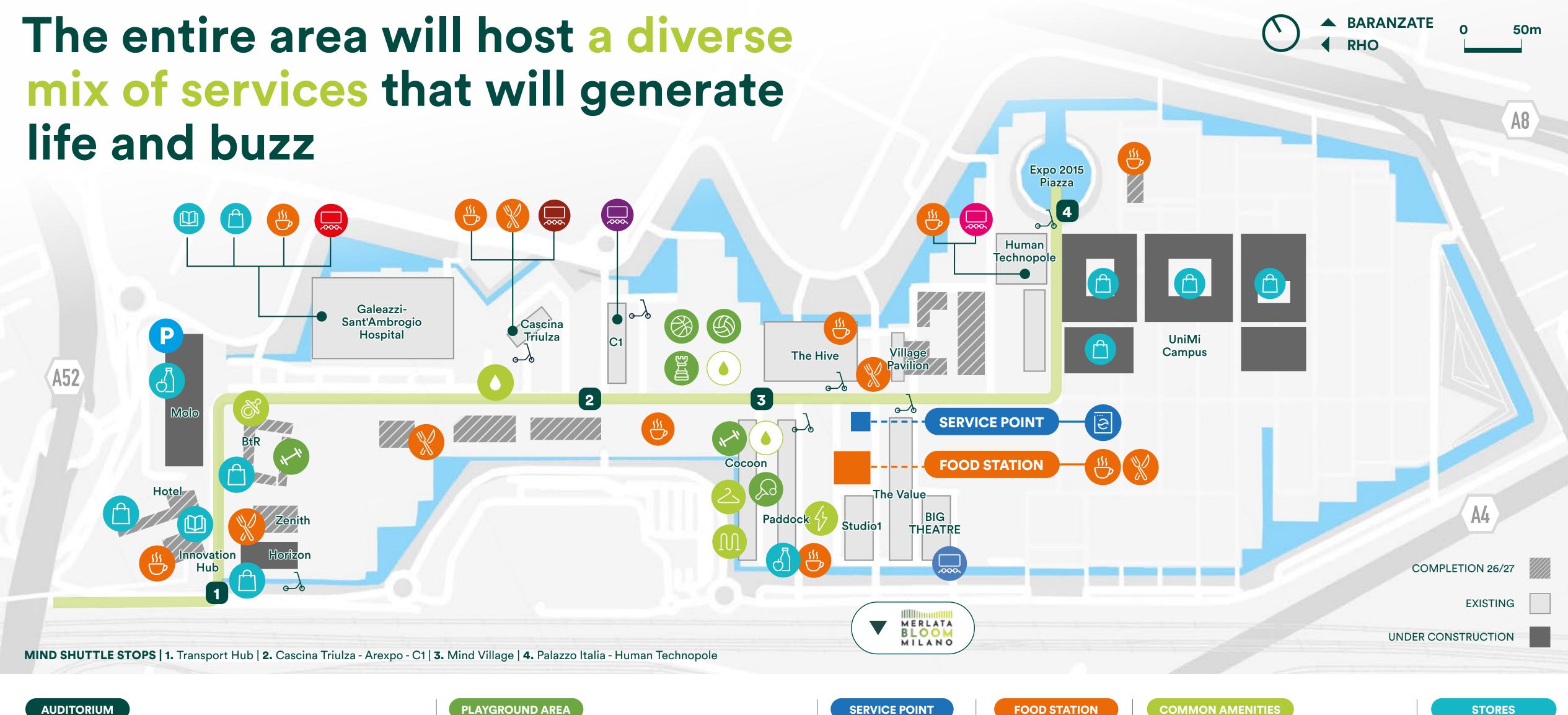


# MIND has opened its doors to the public in 2022 and it is continuing its development















Digital Bloom



**BIG THEATRE** 

# **PLAYGROUND AREA**

Space dedicated to sport activity



2 basketball fields













Inside you will find:







Fountain





Bike racks



Changing



Creche



Bookshop

Grocery

Retail



# **FOOD STATION**

Space dedicated to tasting and meeting







# MIND offers meeting rooms of different sizes and other fully-equipped spaces to host your next big event



# MIND Ecosystem

A global excellence in lifescience to propel innovation





# MIND Ecosystem:

# a global excellence in lifescience to propel innovation

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





(OPERATIONAL, COMPLETION: 2028)

The leading research institute
for life sciences in Italy.



(OPERATIONAL)
The leading hospital for orthopaedic and prosthetic surgery.



(GROUNDBRAKING: OCT '23)
Public teaching and research University, top
performer in the Life Sciences domain.



(OPERATIONAL)
Innovation network for the third sector.



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



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

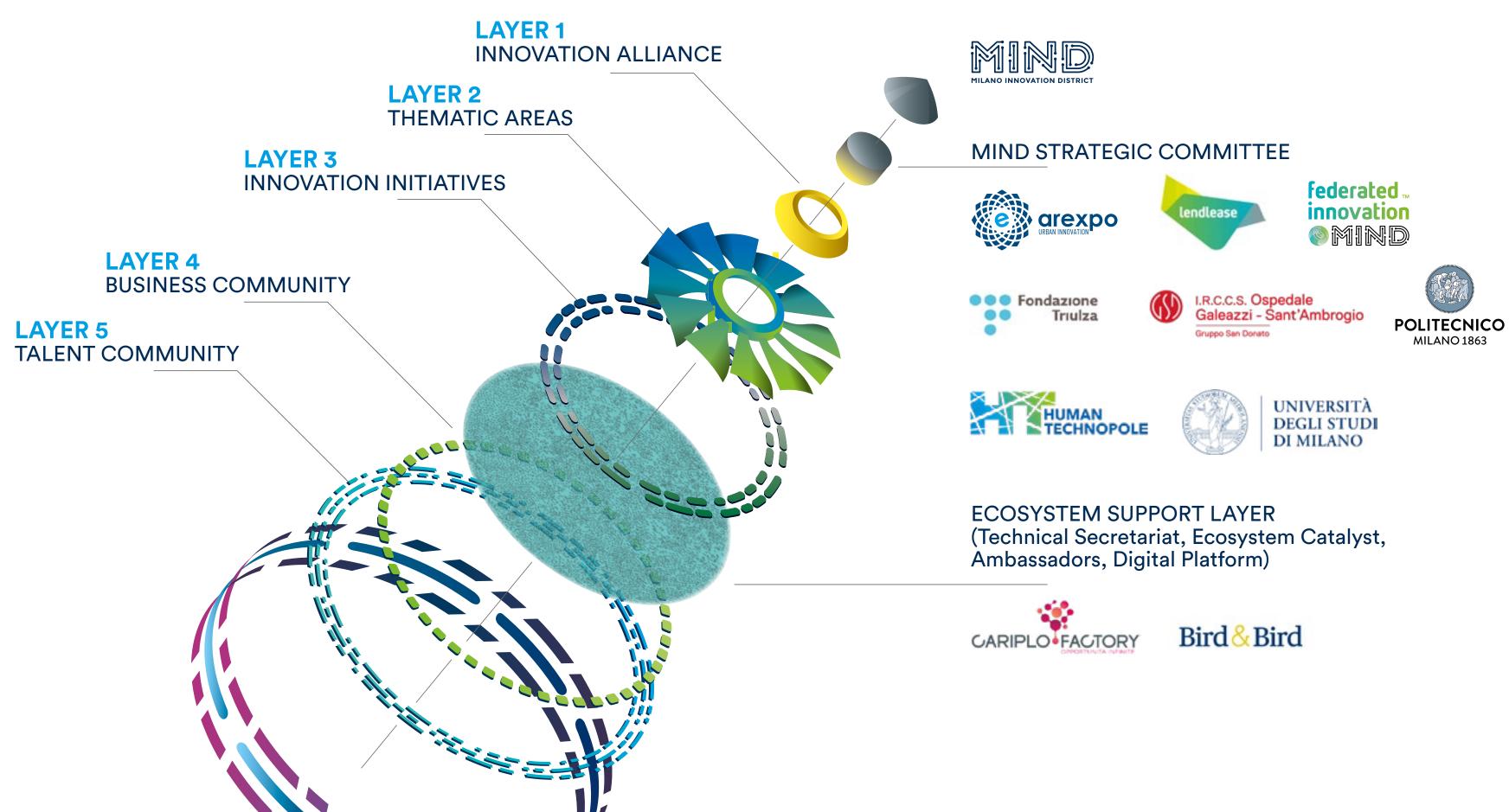






Federated Innovation@MIND is a space for innovation, a partnership of private and public entities born to turbocharge innovation in Lifescience and City of the Future.

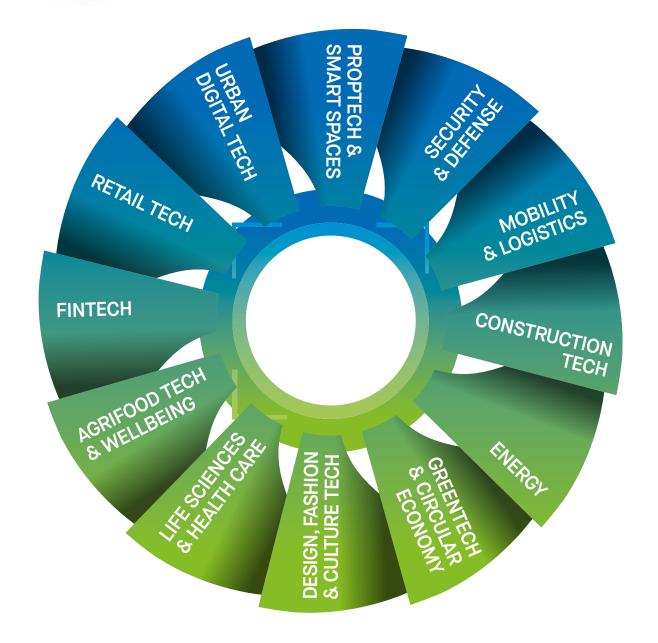








# federated ... innovation MIND



+ 5000 **Average Employees**  +48% Women employed

+31%

Women presence at **Board level** 

+2M € Average budget for R&D

+40,000 €

Average budget for Federated Innovation projects

# Members:

















































































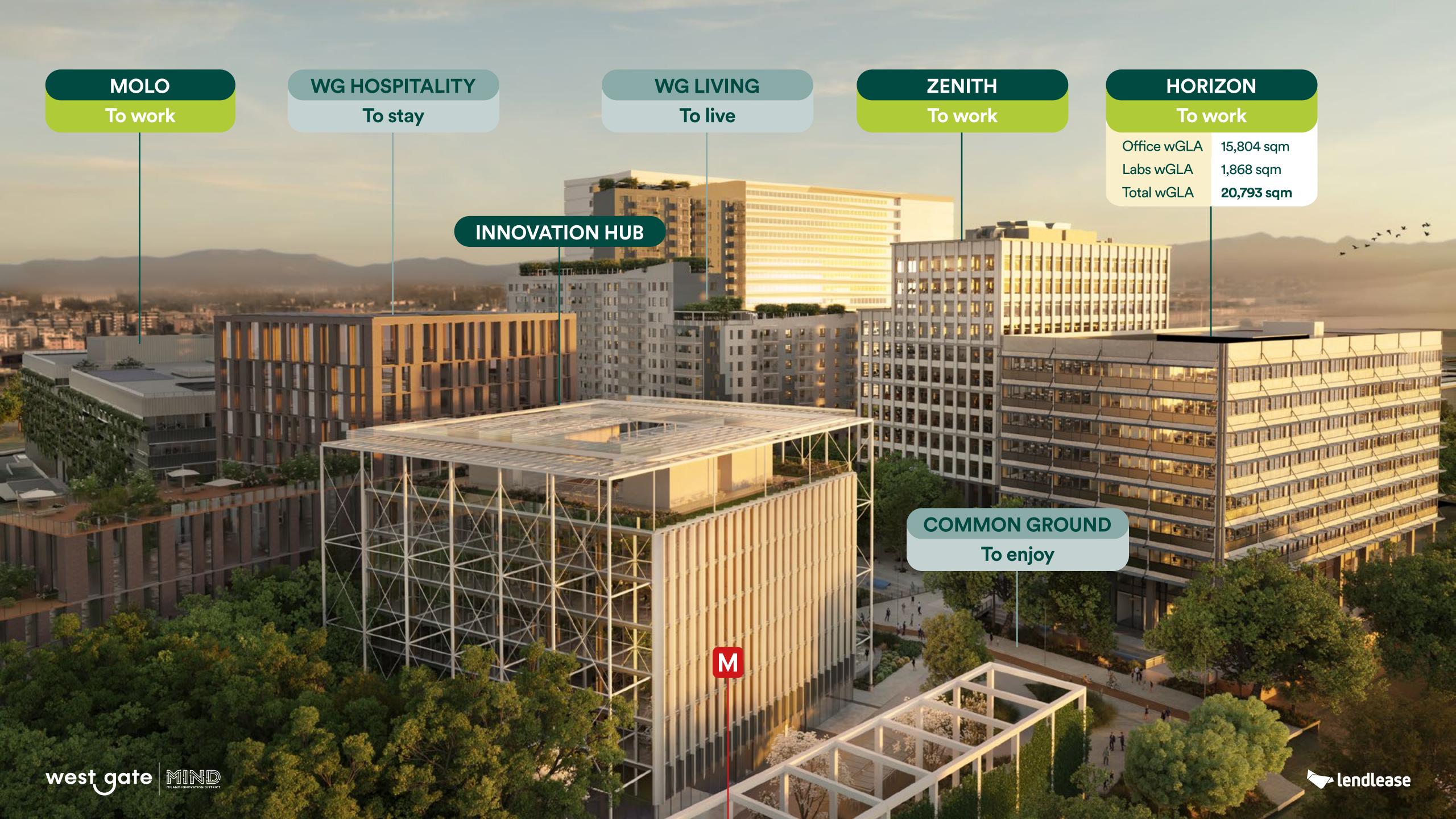


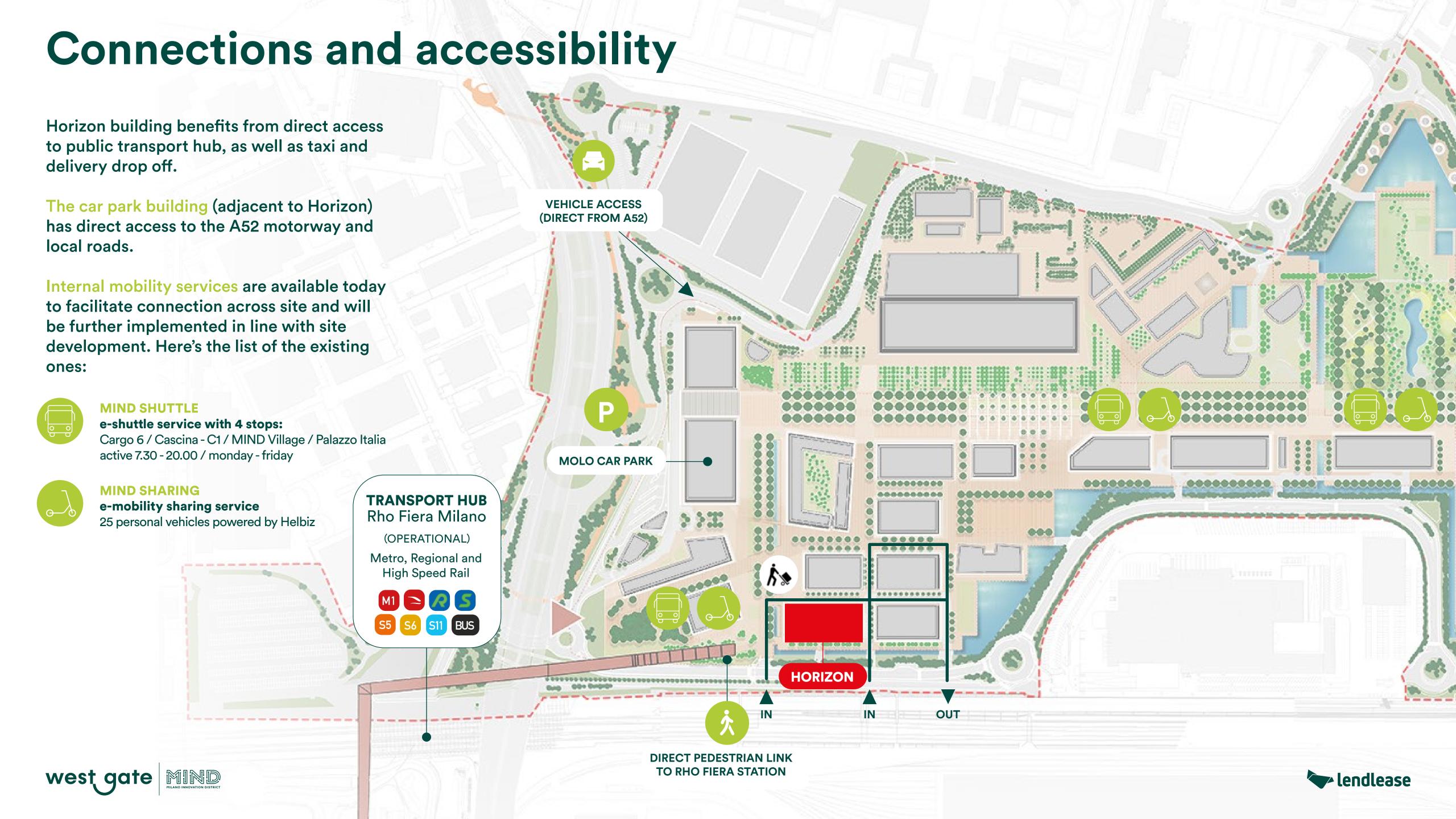
# WestGate: Nurturing innovation every day

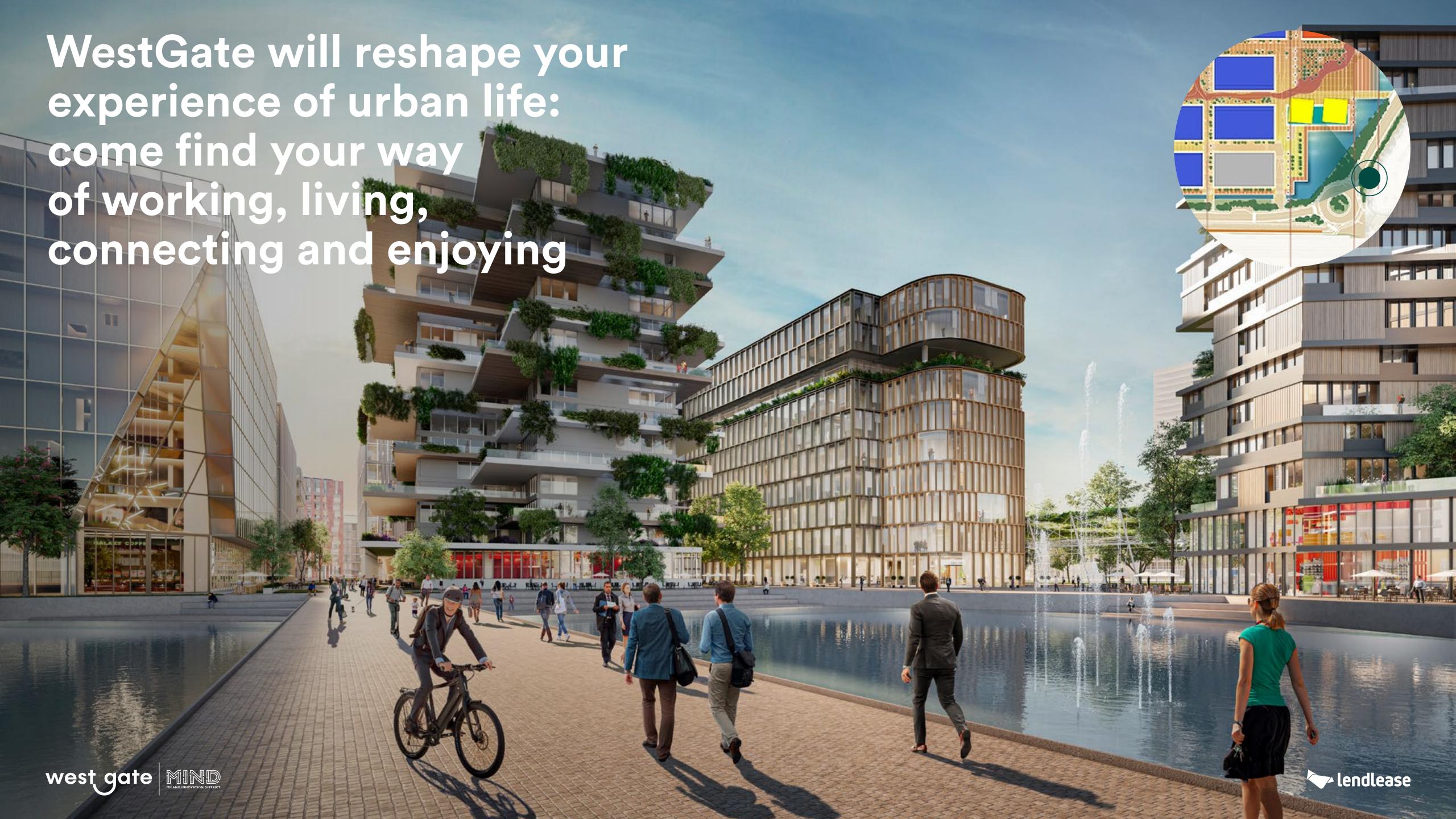
The first mixed-use milestone carrying the whole District's vision











Something to do, all over the day



Electronics

3%

Services
22%

Health & Beauty 4%

26%

F&B Refuel

F&B



Personal items

17%





Households 14%









# 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.



# **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



# 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 effect of heat islands and urban flooding



# One Health principles approach

MIND is designed to increase both people and planet's wellbeing



# 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

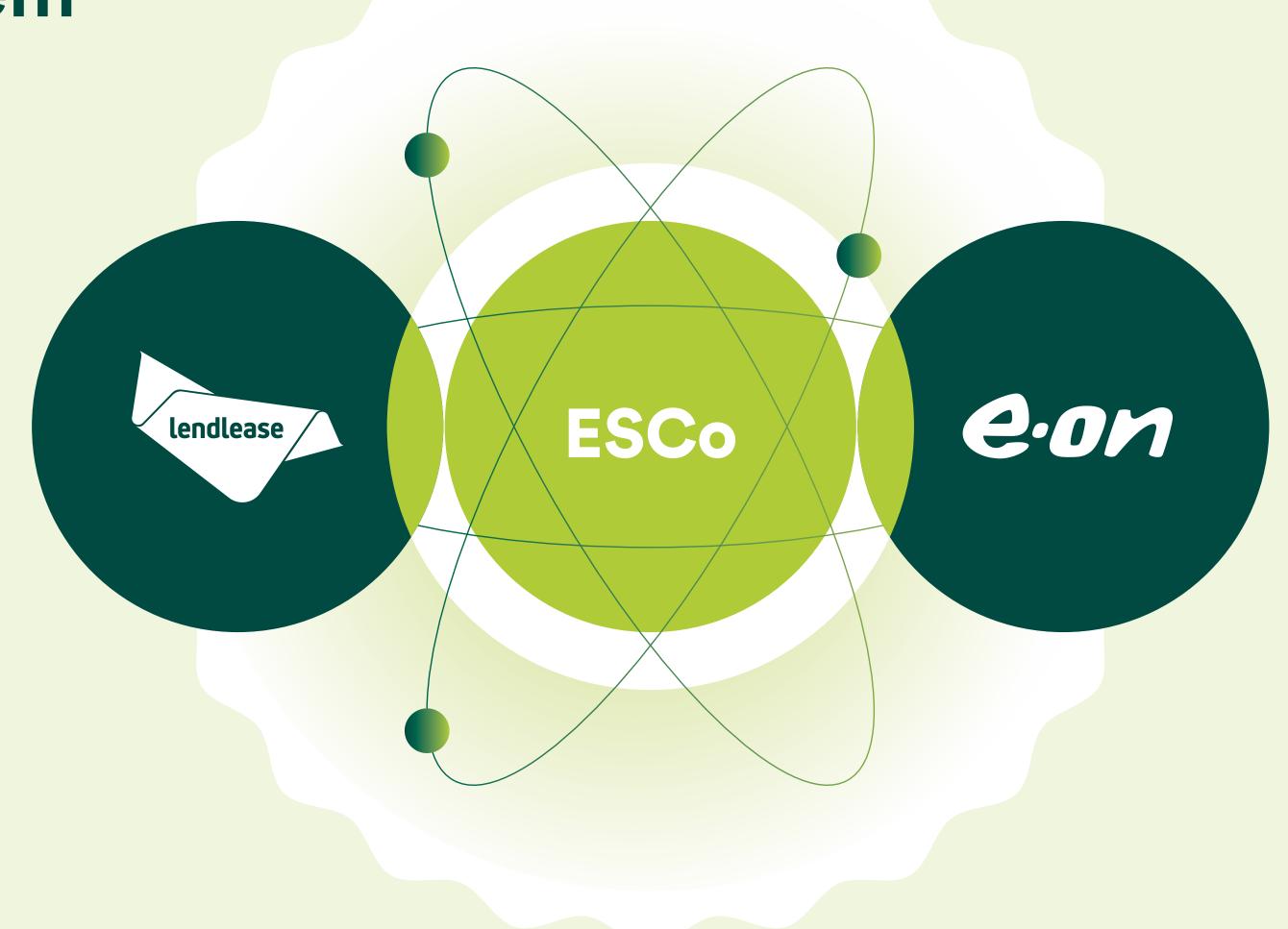




Lendlease and Eon together to provide new and clean energy to the entire MIND ecosystem

Thanks to E.ON's ectogridTM technology, ESCo will supply buildings with thermal vectors, for heating and cooling, produced with energy from 100% renewable sources.

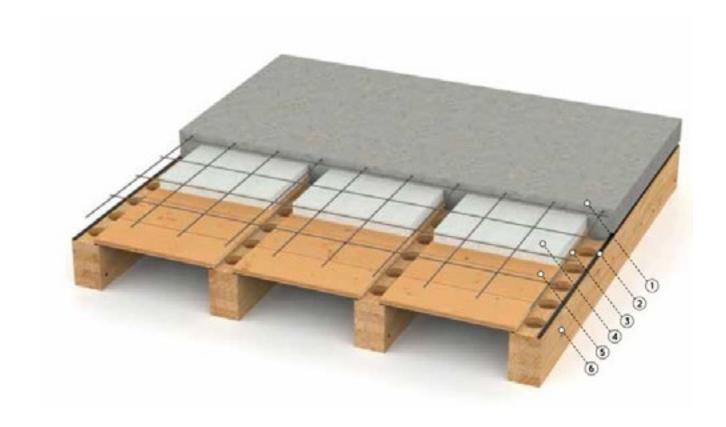
Compared to a traditional energy production system, this innovative technology will result in a reduction of around 10,000 tons of CO2 emissions annually, equivalent to the energy consumption emissions of 3,350 households.







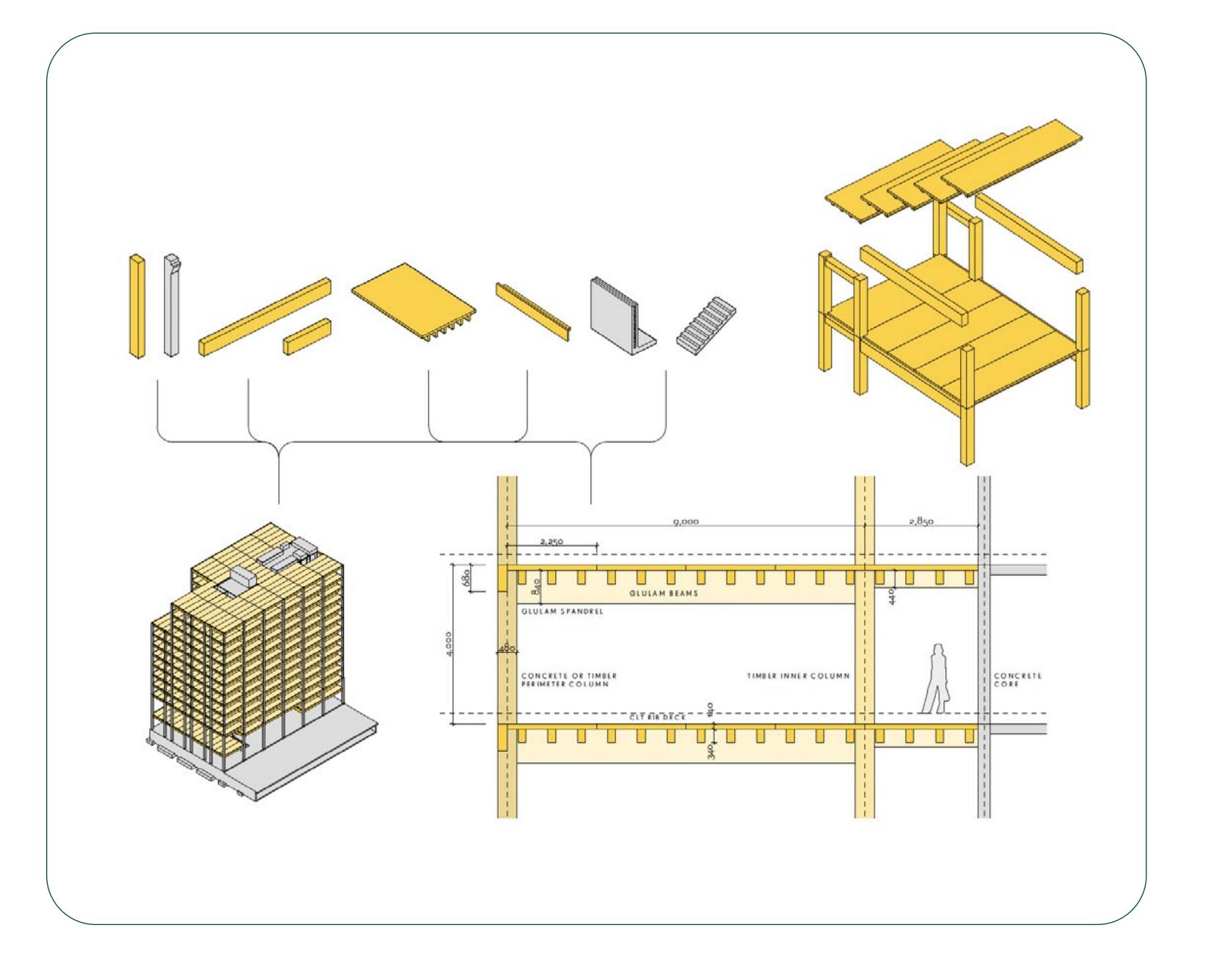
# WestGate buildings implemented a DFMA structural system



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







West Gate office space

# Where ideas have space to grow, blossom and spread



# Horizon Towork

















# Stacking plan

WGLA sqm

8 Office

7 Office

5 Office 2,214

Office 2,214

4 Office 2,214

Office 1,519

2 Office

1 Labs

O Lobby

-1 Basement 28



# Monotenant layout







Stairways, elevators

Please consider that the floorplan can adjust minimal variations according to the development engineering of the project.



# 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 space2 wardrobes 1 lockers room



31%

1 break area

69%

Work desks:

96 desks 19 closed offices

Open spaces

Closed spaces

83%

17%

Max floor crowding: 257

Total desks: 155



# **Bitenant layout**



**Toilets** 

Stairways, elevators

Please consider that the floorplan can adjust minimal variations according to the development engineering of the project.



**Tenant 1** 

Support spaces:

2 L meeting room 2 S meeting room

1 modular meeting room 1 lockers room 1 break area

1 quiet room

1 copy area

1 wardrobe

2 phone booths

44%

56%

Work desks:

48 desks **5** closed offices 4 reserved desks

Open spaces

Closed spaces

92%

8%

Max floor crowding: 128

Total desks: 72

**Tenant 2** 

Support spaces:

1 quiet room 1 copy area

2 L meeting room 2 S meeting room

1 wardrobe 2 modular meeting room 1 lockers room

1 break area

2 phone booths



45%

55%

Work desks:

24 desks

6 closed offices 4 reserved desks

Open spaces

Closed spaces

96%

4%

Max floor crowding: 128

# Horizon

4.1.1

Offices: Class A Open spaces

# Context

- → Connectivity
- → Public space
- Visibility
- → Common ground

# Low impact

- → Passive Design
- → Low Embodied Carbon
- → Life Cycle Positive

# Health & Wellbeing

- → Green areas
- → LEED, WELL, Wired Score
- → Walkability

# **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:

Q1 2026

### **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:**

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.

### **AIR QUALITY:**

Fresh air supply: 1.5 l/s m2

with potential to increase to ≈2 l/s m2 on some floors (3).

Passive chilled beams and operable windows.

### **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 WITH BMS SYSTEM

**SMOKE AND HEAT EVACUATION** 

**DOMESTIC WATER SUPPLY** 

SEWERAGE AND RAINWATER DISCHARGE

PRESSURISATION OF SMOKE-PROOF FILTERS

FIRE EXTINGUISHING SYSTEM, WITH AUTOMATIC EXTINGUISHING VIA DRY SPRINKLERS

LED LIGHTING WITH DALI SYSTEM

EVAC, CCTV, BMS, INTRUSION AND ACCESS CONTROL SYSTEM

PHOTOVOLTAIC SYSTEM ON THE ROOF

**CENTRALISED AIR TREATMENT SYSTEM** 

MECHANICAL VENTILATION AND EXTRACTION







# Thank you

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