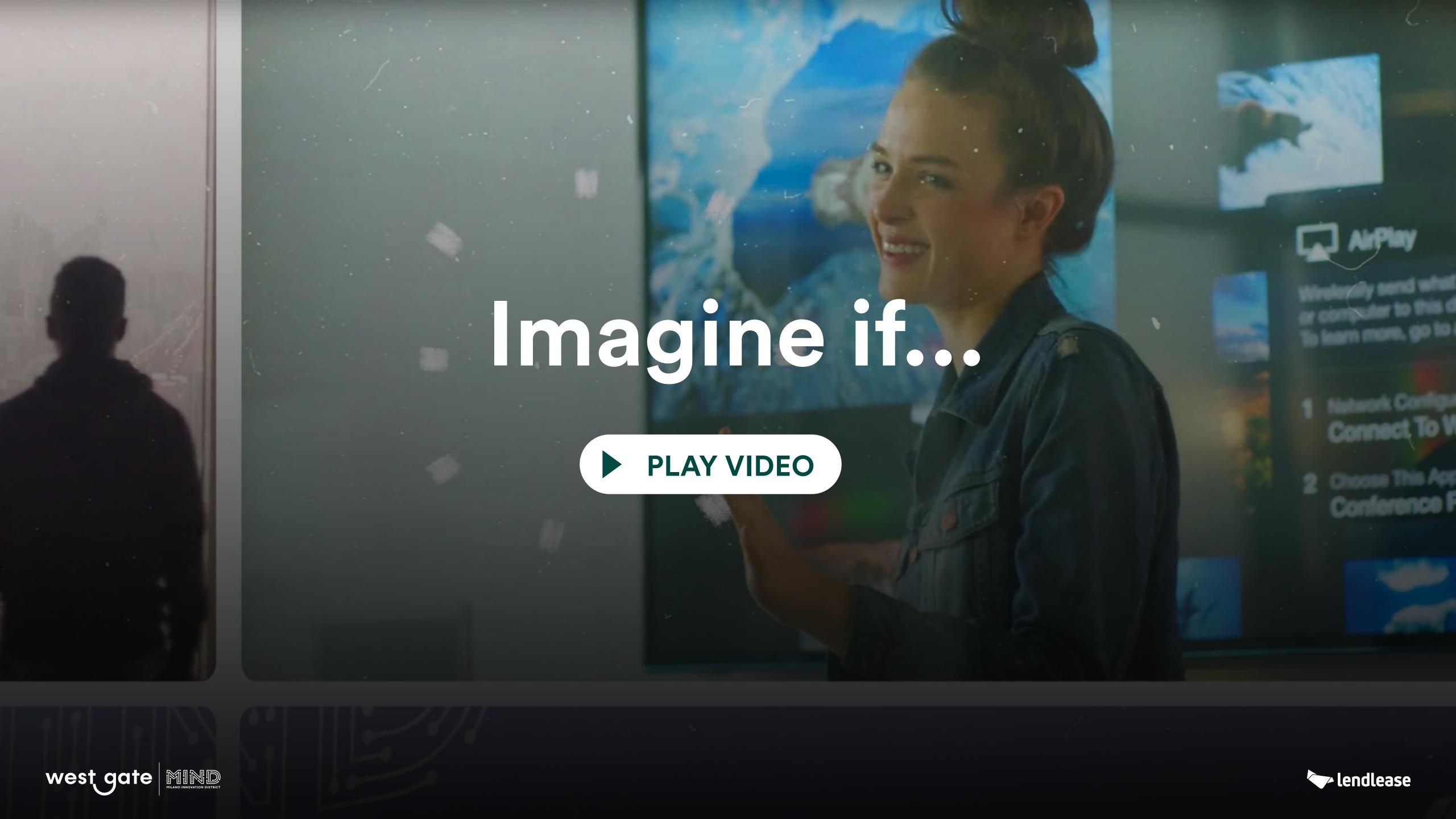


# Welcome to MIND-Milano Innovation District

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



### 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





- 120,000 SQM of laboratories and light industrial (GLA)
- 1,500 BTR or serviced apartments
- 1,100+ student accomodation beds
- 35,000 SQM of retail (GLA)
- 600 hotel rooms

- 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









10min



**20**min



**24**min



**12**min

**16**min

**25**min

Garibaldi station Cadorna station

Centrale 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

Linate



30min



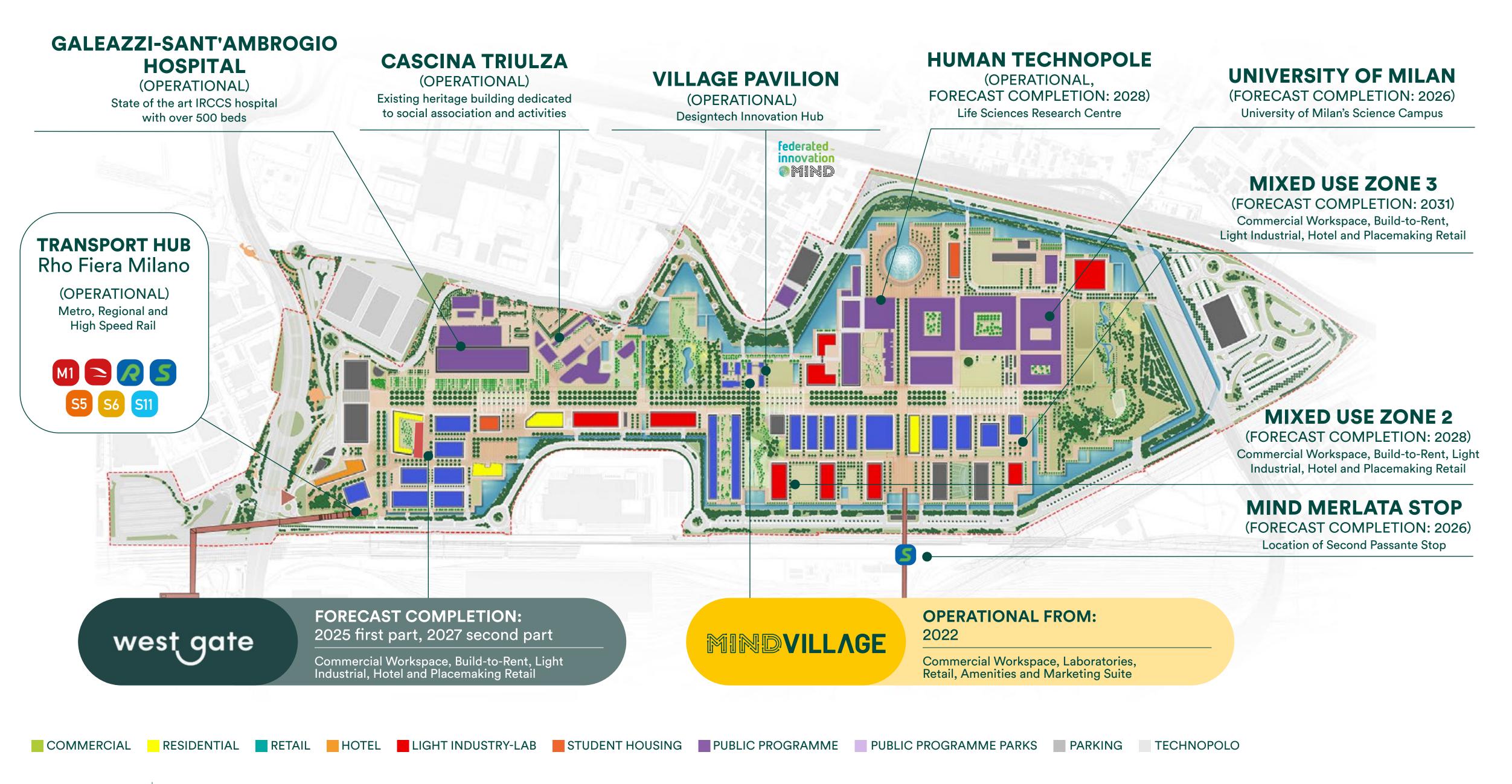
**45**min

Orio al Serio



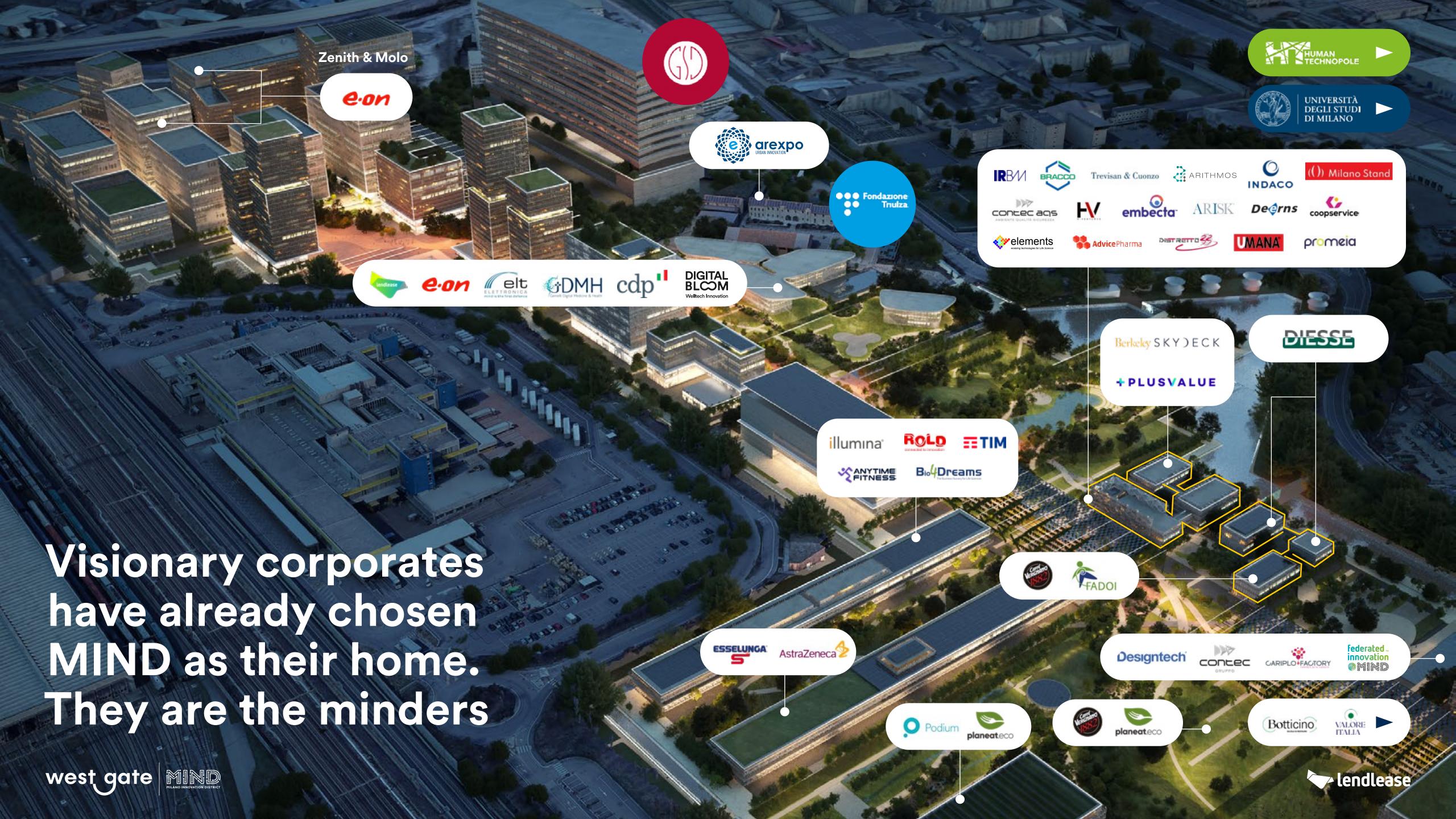












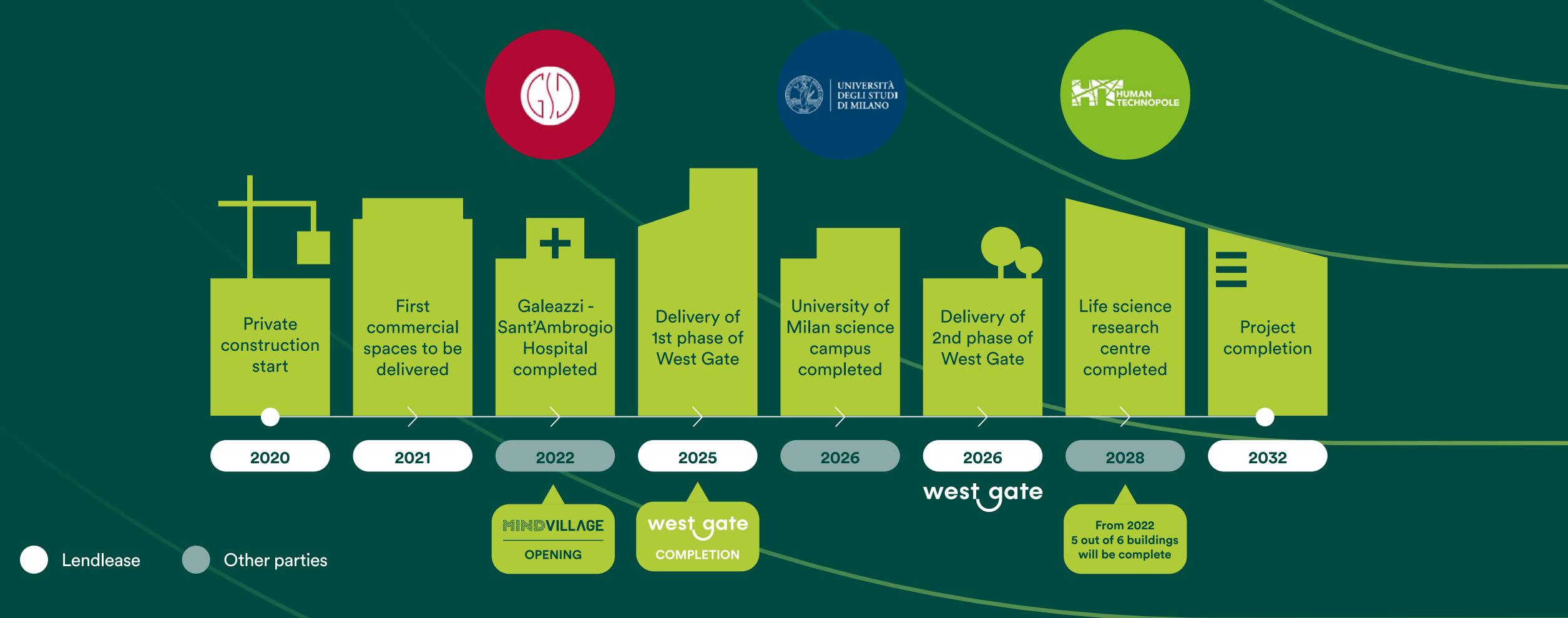
## Discover your neighbors

west gate MIRAD INNOVATION DISTRICT





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







## Placemaking strategy

#### PHASE 1 PHASE 3



**JUN 22** 









VILLAGE PHASE 1

Open areas for activation and sport activities become active during summer time for activities and networking. Areas are designed to be flexible based on needs and season.

VILLAGE SOUTH

Introduce area with temporary interventions and light activation, aligned with the community and future needs.

MIND community puts down roots to bring new ideas to live.

VILLAGE NORTH

WEST GATE PHASE 1

PARK PHASE 1

The Park is accessible and open to the public, increasing outdoor activies and spaces supporting the wellbeing.

MIND community becomes to grow and to target the wider Milanese community.

WEST GATE PHASE 2

First mixed used development opening. Offices, residential, retail F&B, innovation spaces, services are available to increase footfall and to make MIND more attractive.



# Existing services

#### Phase 1, convention to be negotiated

	Service	Location	Deadline
W.	Restaurants		
	Freeway Route 66	Rho	Q2 23
	Dodicivolte Trattoria	Rho	Q2 23
	Pasticceria Palma	Rho	Q2 23
	Antica Cascina	Baranzate	Q2 23
	A modo mio	Baranzate	Q2 23
	Pizzeria MZMTR	Pero	Q2 23
	Extra services		
	International School of Milan	Baranzate	Q2 23
	Car Wash	Baranzate	Q3 23
	Sports&Fun		
	Molinello Play Village	Rho	Q2 23
	Pero Sporting Club	Pero	Q2 23
	AeroGravity	Pero	Q3 23
	UrbanWall + Skate Park	Pero	Q3 23
	Verisport Padel&Calcetto	Rho	Q3 23
	Beauty&Selfcare		
niinii .	Studio Relab	Rho	Q2 23
	Nouvelle Estetique	Rho	Q2 23
	Shampoo Rho	Rho	Q2 23
	BH Hair Salon	Baranzate	Q3 23
	Pharmacy		
弄	Farmacia Varesina	Baranzate	Q2 23
	Farmacia Cuttone	Rho	Q2 23







## MIND Services: phasing and programme 2023-24

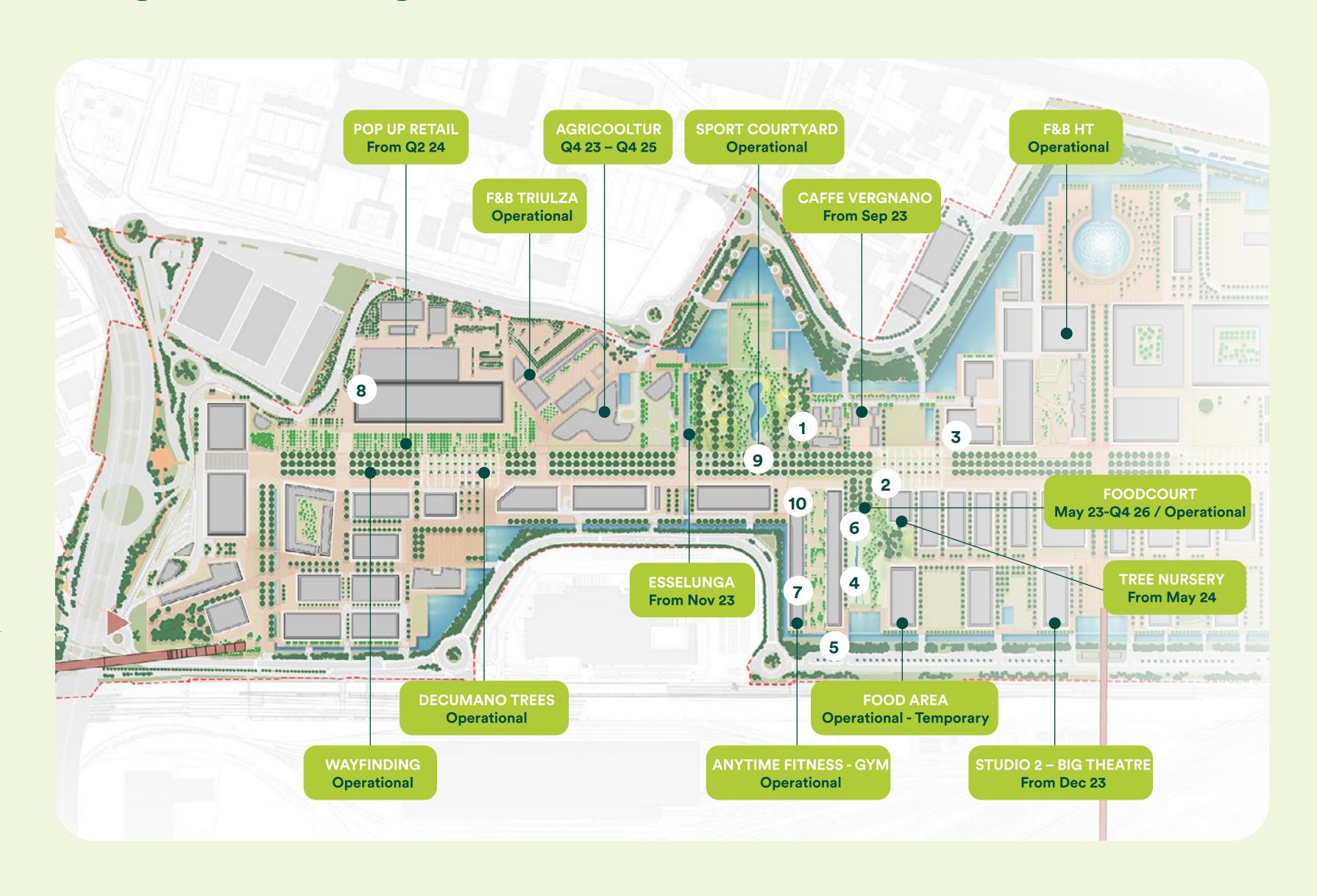
Today, MIND already has a comprehensive set of services available (laundry, bookshop, pharmacy) as well as multiple food and beverage options (cafè, restaurants and food delivery).

MIND has significant coworking and conference room offering (from 4-seat meeting room to 400-seat auditorium).

In the short term, plan is to further implement with pop up retail and additional activation services. Significant retail facilities available in neighboring il Centro – Arese (operational, 9 mins by car) and Merlata Bloom shopping center (opening Q4, 23 with direct connection to MIND planned in line with UniMi delivery).

#### **SERVICES (ACTIVE TODAY)**

- 1. Amazon / Food Lockers
- 2. Laundry pick up
- 3 ATM
- 4. EV charger
- 5. Car sharing
- 6. Weekly market
- 7. Dressing room
- 8. Bookshop, Travel agency, Cafè, Pharmacy (Galeazzi Hospital)
- 9. Sport equipment locker
- 10. Food delivery (zeroimpack)







# MIND Ecosystem

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



The leading research institute for life sciences in Italy.



The leading hospital for orthopaedic and prosthetic surgery.



Public teaching and research University, top performer in the Life Sciences domain.



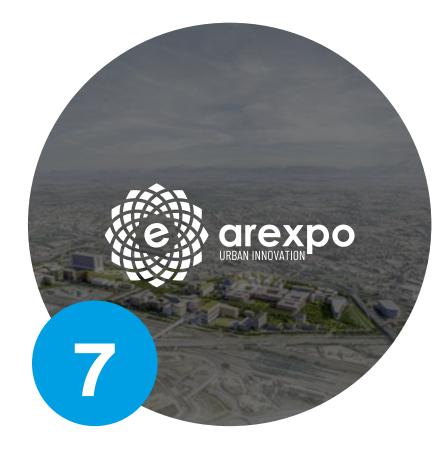
Innovation network for the third sector.



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



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

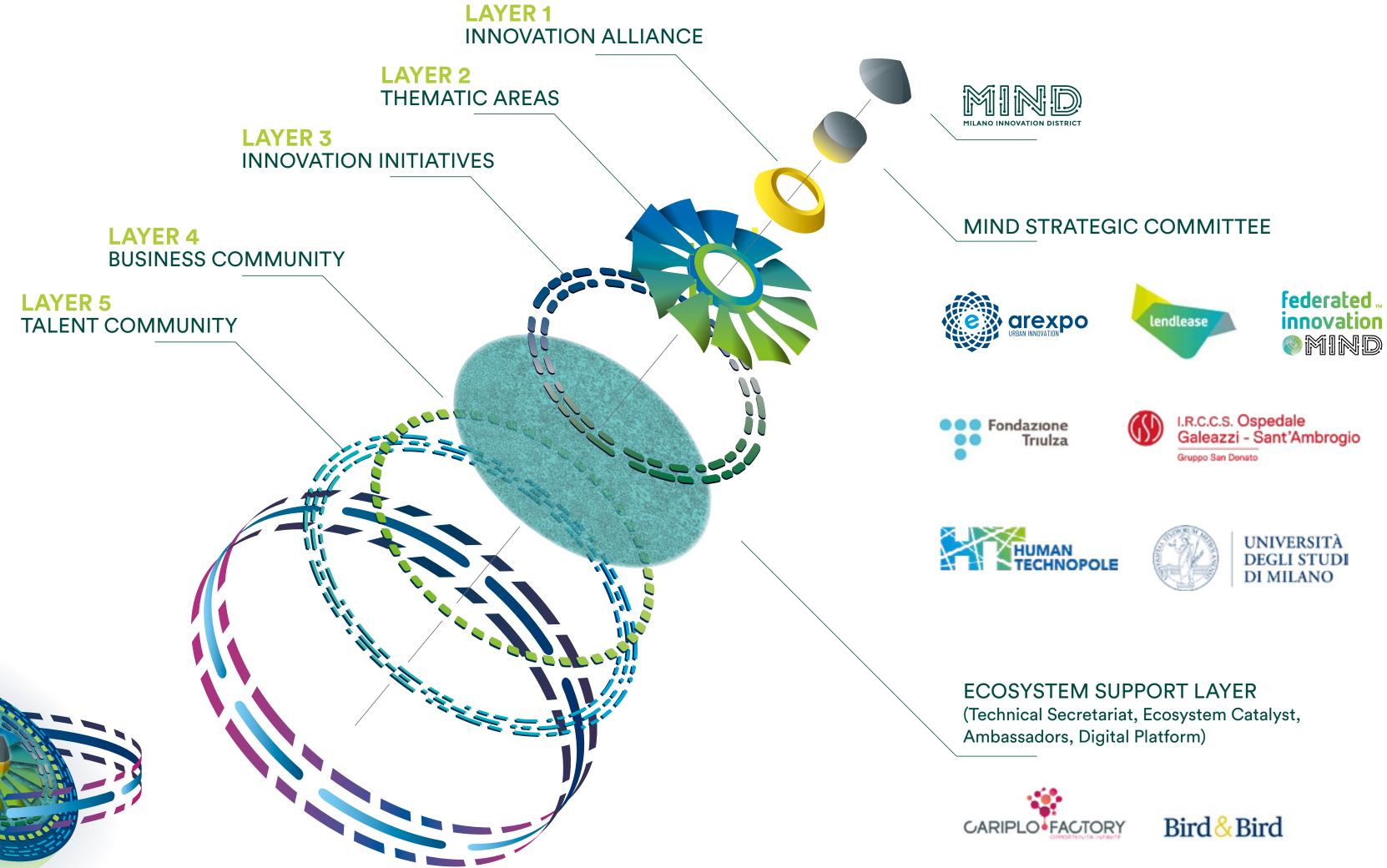


Arexpo owns the area where Expo Milano 2015 was held and has the task of developing MIND.



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.









#### 

# PROPIECH & SMART SPACES CONSTRUCTION FECONOMIA SCONOMIA SCONOM



#### Federated Innovation @MIND Members per Thematic areas





Average budget for Federated Innovation

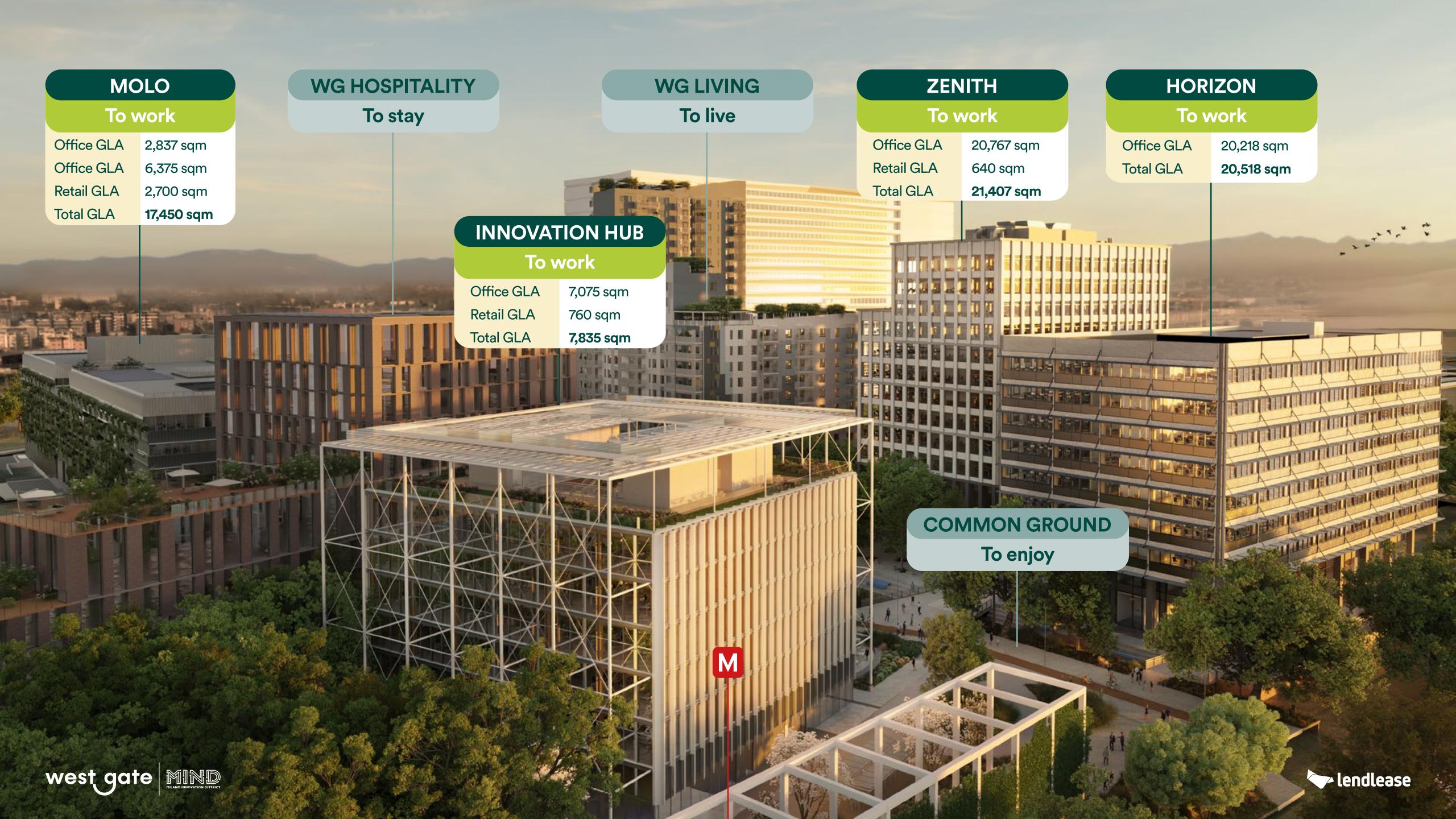


# WestGate: Nurturing innovation every day

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



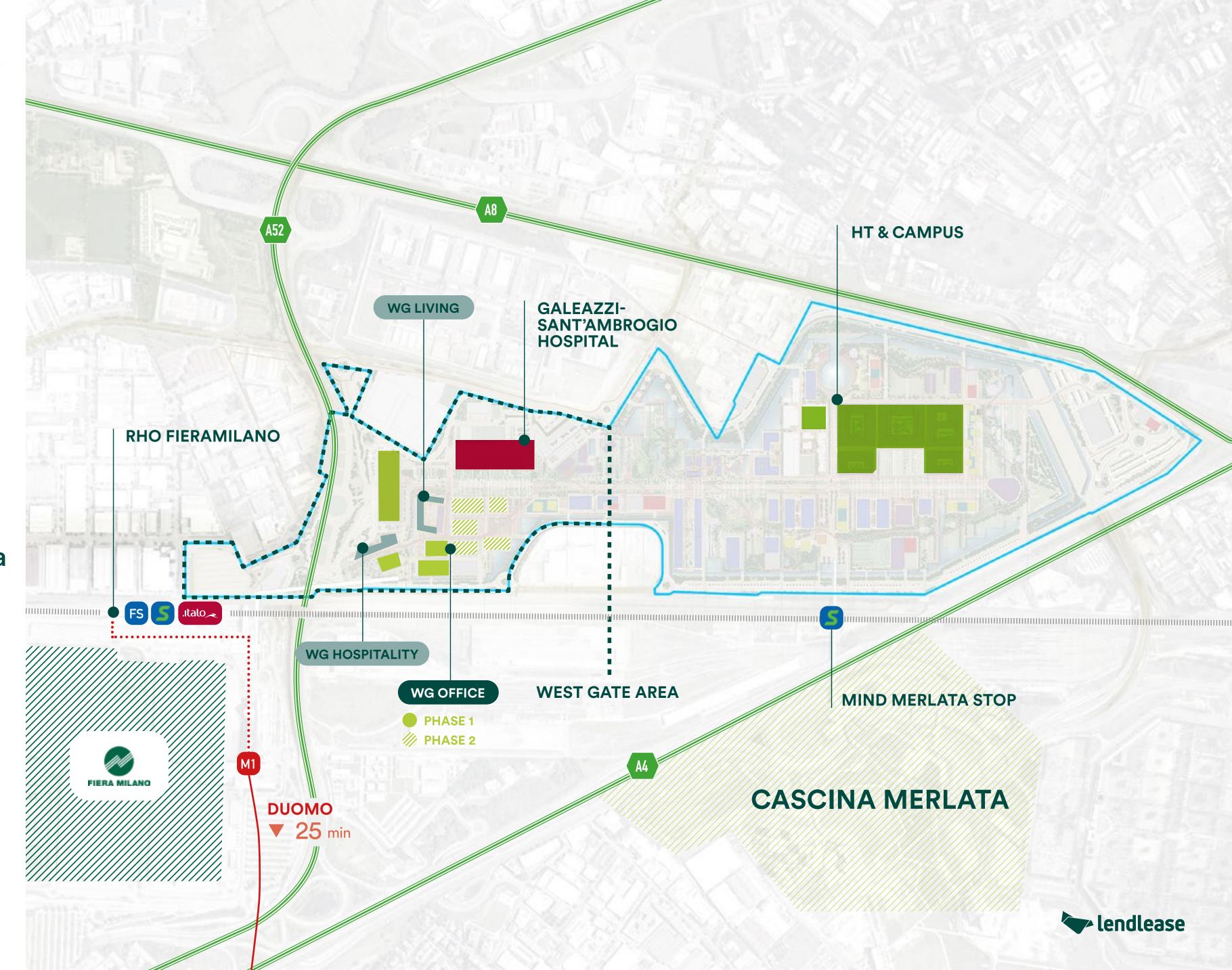




# West Gate benefits from key location, accessibility and infrastructure

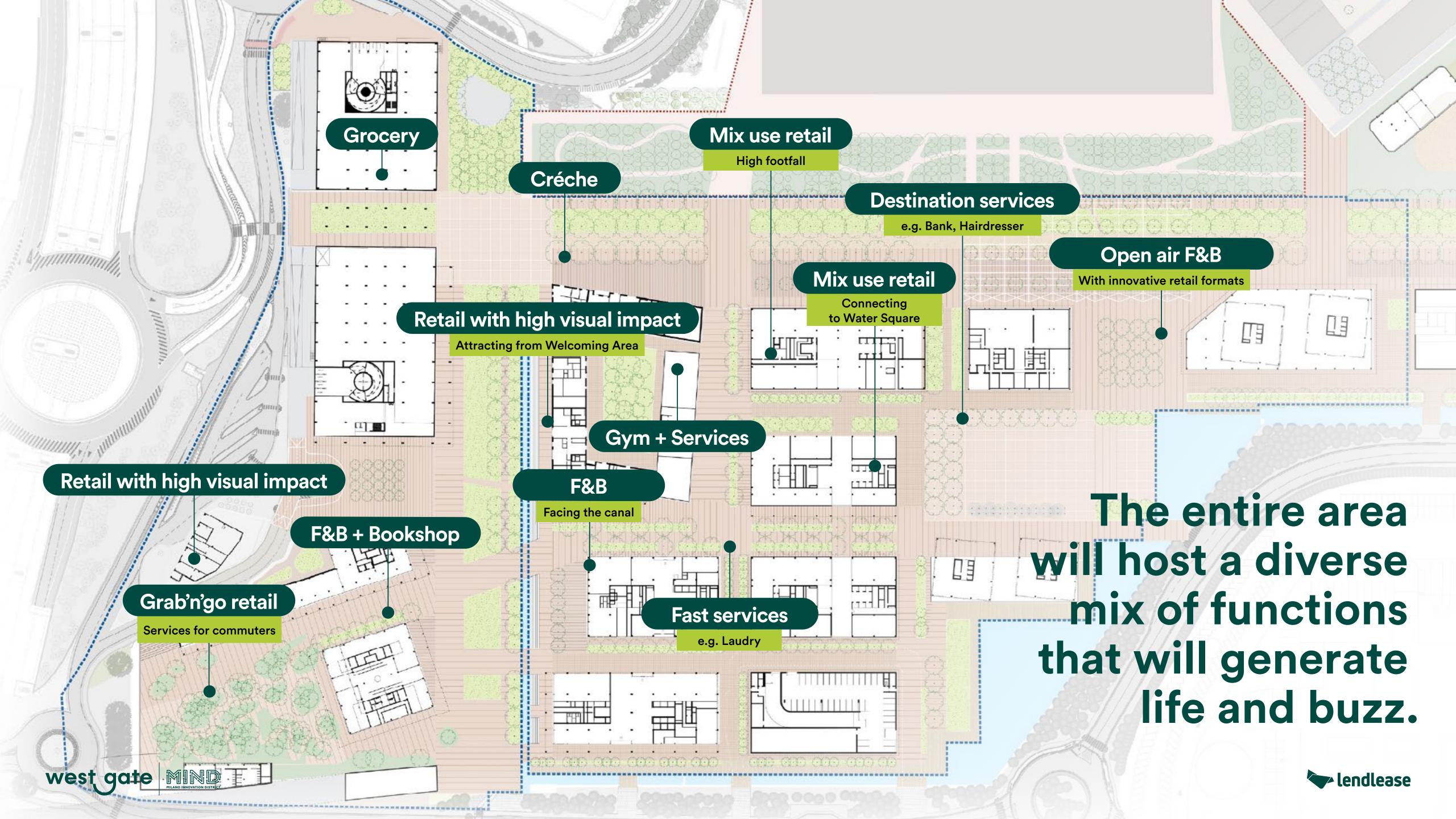
The project has an excellent connection thanks to both private and public means of transports which are located whitin the major regional infrastructure system.

Also, MIND is part of a larger development area that includes the mixed used development of Cascina Merlata and that will generate a new Milanese destination.









Something to do, all over the day



Electronics

3%

Services
22%

Health & Beauty

26%

F&B

Personal items

17%



F&B Refuel

6%



Households
14%









#### Cycle/pedestrian and public transport access IRCCS Ospedale Galeazzi -**Sant'Ambrogio ▲** BARANZATE RHO Cascina Triulza **Digital Bloom** A52 The Hive 8 2 5 **Village Pavilion** 5 **DECUMANO** Cocoon & Paddock **TRANSPORT HUB** Rho Fiera Milano M1 > /2 6 The Value S5 S6 S11 **Human Technopole** A4 50m Piazza Expo 2015



#### CYCLE/PEDESTRIAN ACCESS

#### FROM MM1:

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

#### FROM TRAIN STATION:

Reach the end of the tunnel beyond platform 6, then follow the yellow tunnel at your right.

Follow the yellow flow on the ground to reach MIND Shuttle stop 1.

The Shuttle is free to navigate the site.

#### MIND SHUTTLE STOPS



- Transport Hub
- Cascina Triulza Arexpo C1
- 3 Mind Village
- Palazzo Italia Human Technopole

#### **SCOOTER PICK-UP POINTS**



Inside MIND it is possible to move around with **HELBIZ** scooters.

Pick up your scooter at the pickup points and remember to park it in the appropriate spaces.



Services are accessible for the general public during MIND opening time.

**Events and activities** at MIND are included within MIND Village App.

#### **AUDITORIUM**

Large spaces for conferences, meetings and events



Ospedale Galeazzi

Cascina Triulza



Media Hall



Palazzo Italia

#### PLAYGROUND AREA

Space dedicated to sport activity



2 basketball fields

1 volleyball field



Chess



#### **SERVICE POINT**

Inside you will find:



Laundry room



Bar

**FOOD COURT** 

Space dedicated to

tasting and meeting



#### **COMMON AMENITIES**



Water house



Bike racks



Fountain

EV charger



Changing room



Restaurant

# 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

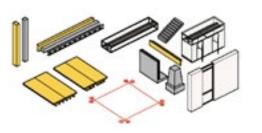




Using DfMA to construct MIND buildings, provides tenants with flexible and sustainable solutions.

#### **EFFICIENT**

Kit of standard parts



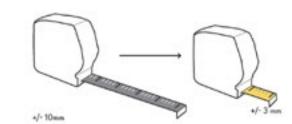
#### **MORE SUSTAINABLE**

Reduced waste, flexible and reusable components



#### **IMPROVED ACCURACY**

Fabrication in clean and controlled environments





#### **SPEED**

Time on site is reduces



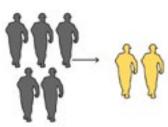
#### **FLEXIBILITY**

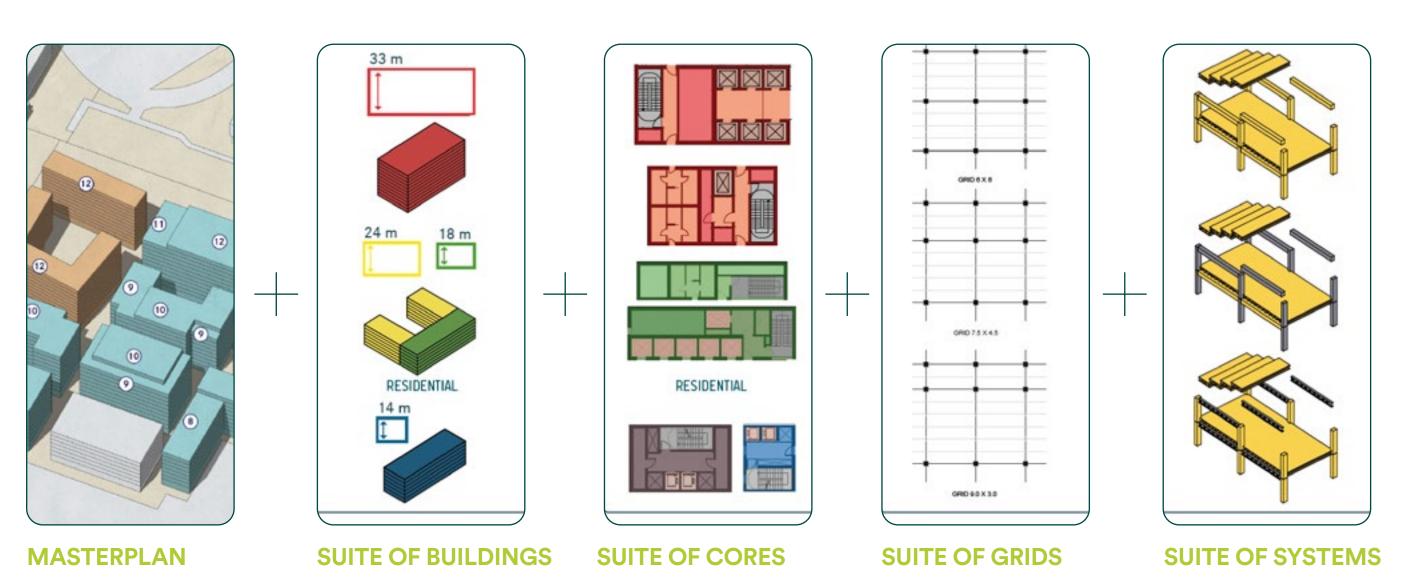
Family of mix and march structural solutions



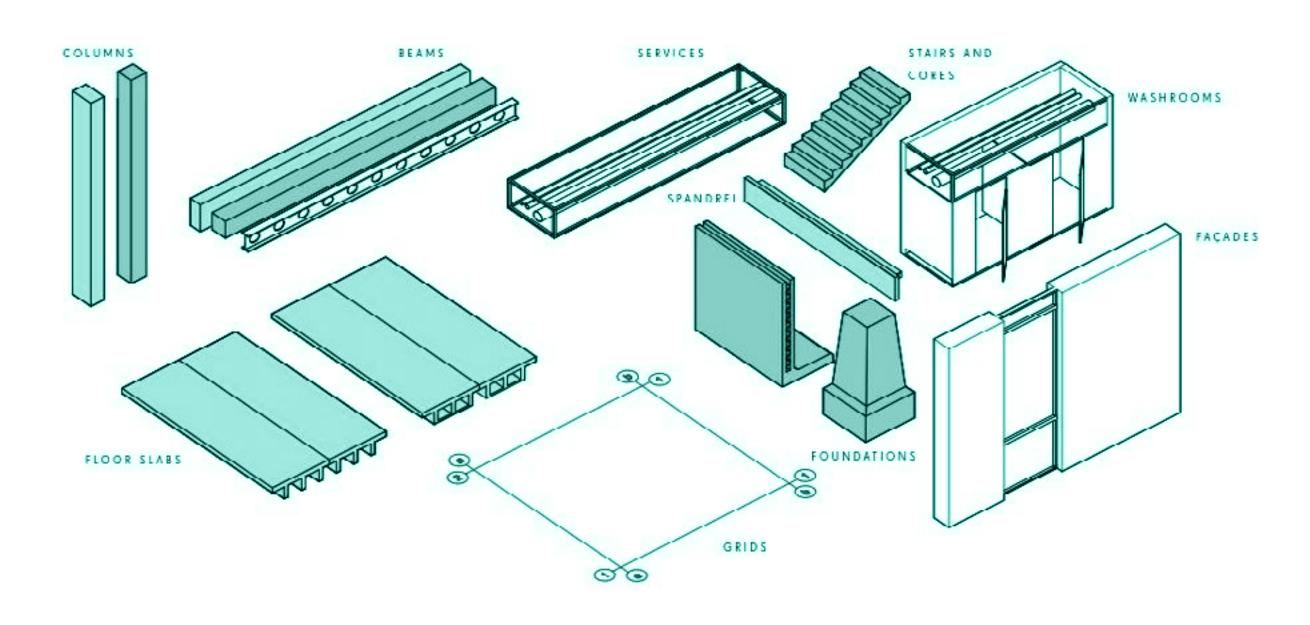
#### **SAFETY**

Reduction of trades on site





# MIND office buildings will use Cross laminated timber as a principle material, with proven benefits in sustainability, health and wellbeing and aesthetic.



Lendlease has experience in delivering CLT office product and see an opportunity to pursue a hybrid timber design solution for MIND office plots. The hybrid approach is expected to maximise the timberness of the building through CLT beams and slabs in prepanel (a prefab timber hybrid system).









West Gate office space

# Where ideas have space to grow, blossom and spread



# Zenith Towork





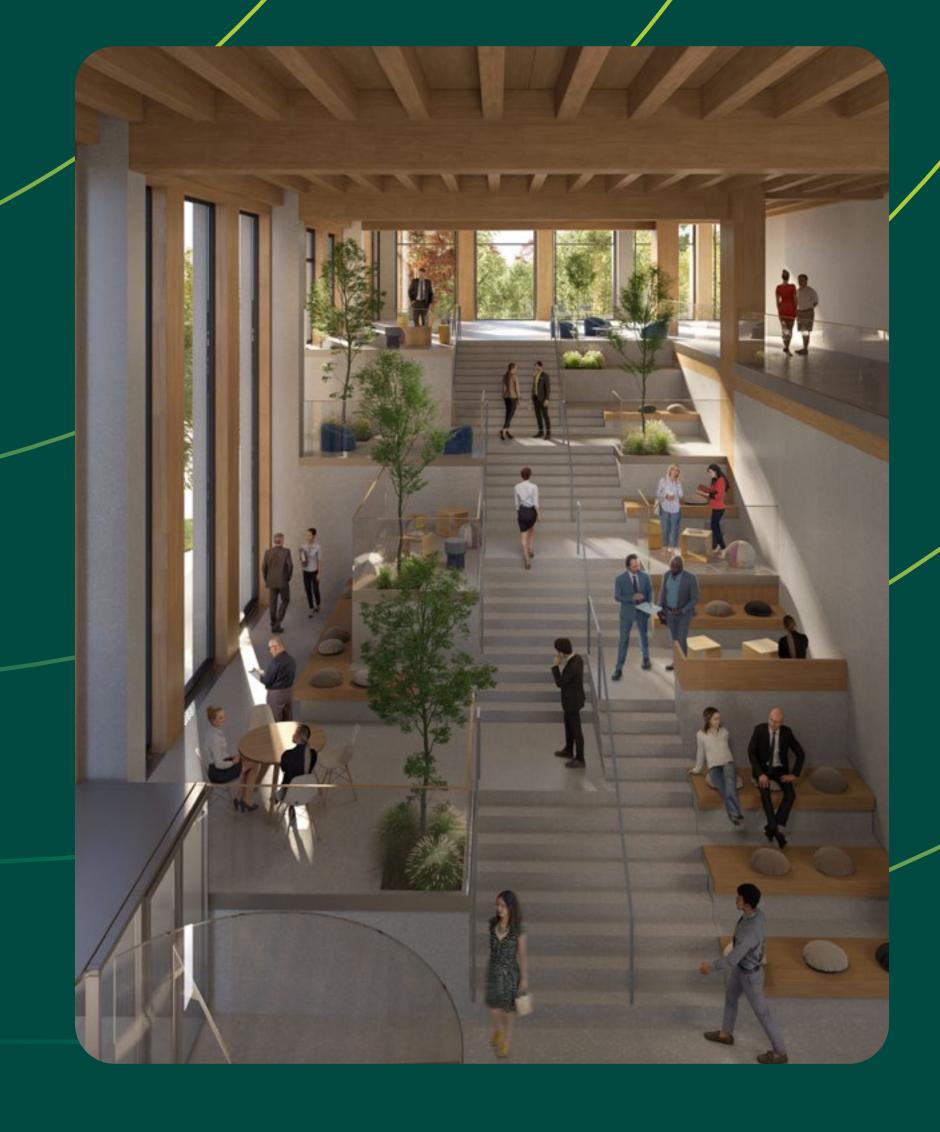


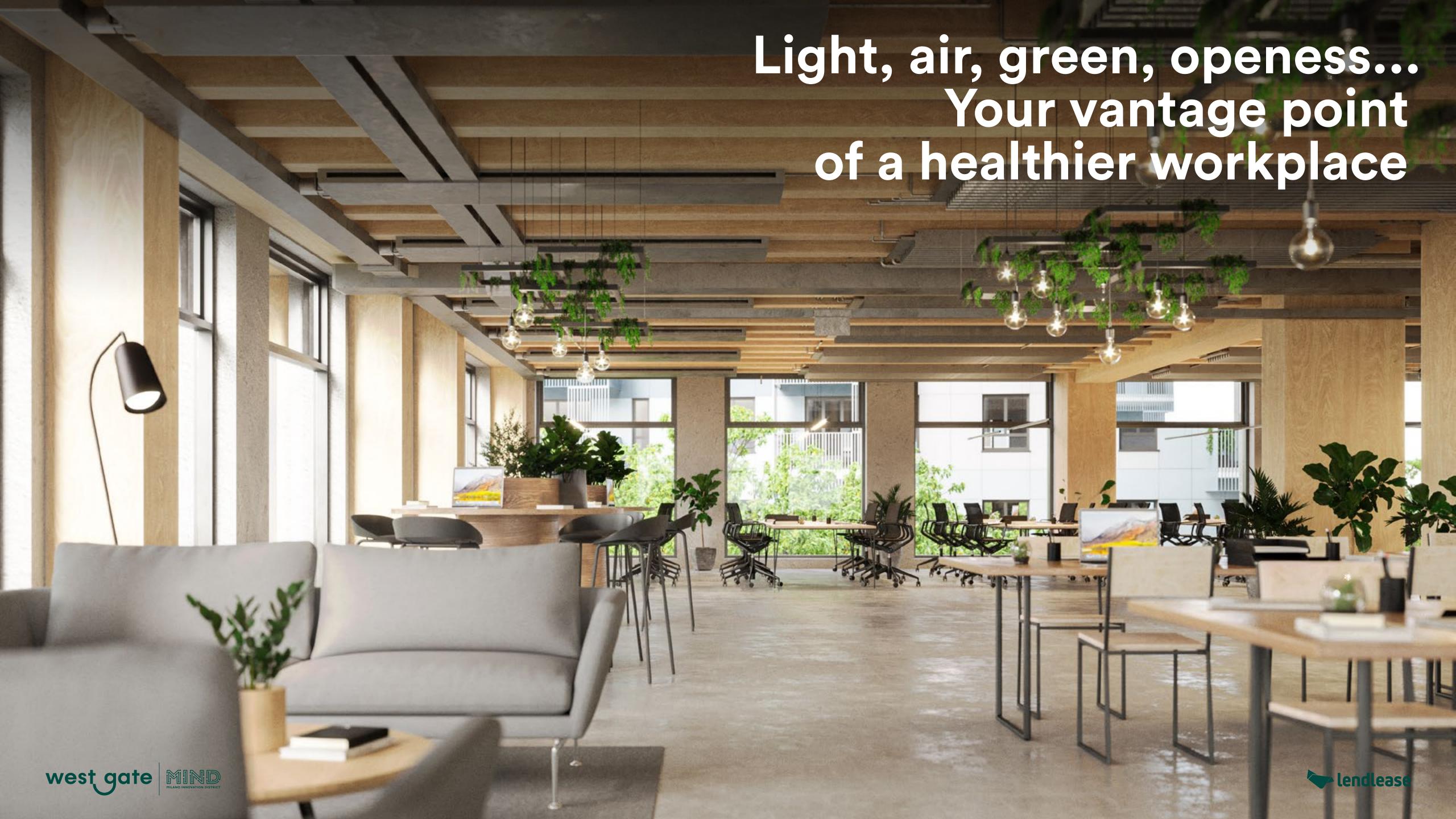














Sta	cking plan	GLA sqm	
12	Office	1,584	
11	Office	1,584	
10	Office	1,590	
9	Office	1,736	
8	Office	1,736	
7	Office	1,736	
6	Office	1,736	
5	Office	1,736	
4	Office	1,736	
3	Office	1,736	
2	Office	1,421	
1	Office	1,539	
0	Lobby	1,533	
-1	Basement	1,177	
wes	tgate MIANO INNOVATION DISTRICT		S 38 Vendlesse

#### Monotenant layout



Toilets

Stairways, elevators

west gate MINIO INNOVATION DISTRICT

#### Support spaces:

2 L meeting rooms 2 M meeting room

8 S meeting rooms

2 phone booths

1 quiet room

2 copy areas

1 informal meeting room

1 wardrobe

1 lockers room

1 break area



29%

71%

Work desks:

**64** desks

16 closed offices

Open spaces

Closed spaces

80%

20%

Max floor crowding: 187

Total desks: 98

#### **Bitenant layout**



Toilets

Stairways, elevators

west gate MIND MILANO INNOVATION DISTRICT

**Tenant 1** 

Support spaces:

1 L meeting room 1 M meeting room

1 S meeting room

1 phone booths

1 informal meeting room 1 wardrobe 1 lockers room 1 break area

1 quiet room

1 copy area



48%

52%

Work desks:

48 desks 4 closed offices 2 reserved desks

Open spaces

Closed spaces

92%

8%

Max floor crowding: 93

**Total** desks:

58

**Tenant 2** 

Support spaces:

1 L meeting room 1 M meeting room

4 S meeting room 1 modular meeting room

48%

**52%** 

Work desks:

**32** desks 2 reserved desks

Open spaces

100%

Max floor crowding: 93

lendlease

2 phone booths

meeting room

1 quiet room

1 copy area

1 wardrobe

1 break area

1 lockers room

1 informal

# Zenith

4.1.2

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:

Q3 2025

#### **TOTAL AREA GLA:**

20,518 sqm (GLA Global - Revision 16)

#### 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

#### **FLOOR PLATES:**

Typical floor plates are approximately GLA: 2,349 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:**

Timber ribbed floor decks. Precast concrete columns and beams. Cast-in-situ concrete core walls; cast-in-situ concrete underground structure and foundation.

Building grid: 9×9m

#### **AIR QUALITY:**

Fresh air supply: 1.5 l/s m2

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

Passive chilled beams and operable windows.

#### **PRIVATE CARPARK BAYS:**

184 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:**

- Flex space
- Lobby
- Childcare

#### **WEST GATE AMENITIES:**

- Active ground floor
- End of trip facilities
- Childcare

#### **ENVIRONMENTAL TARGETS:**









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





### Zenith

4.1.2

**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

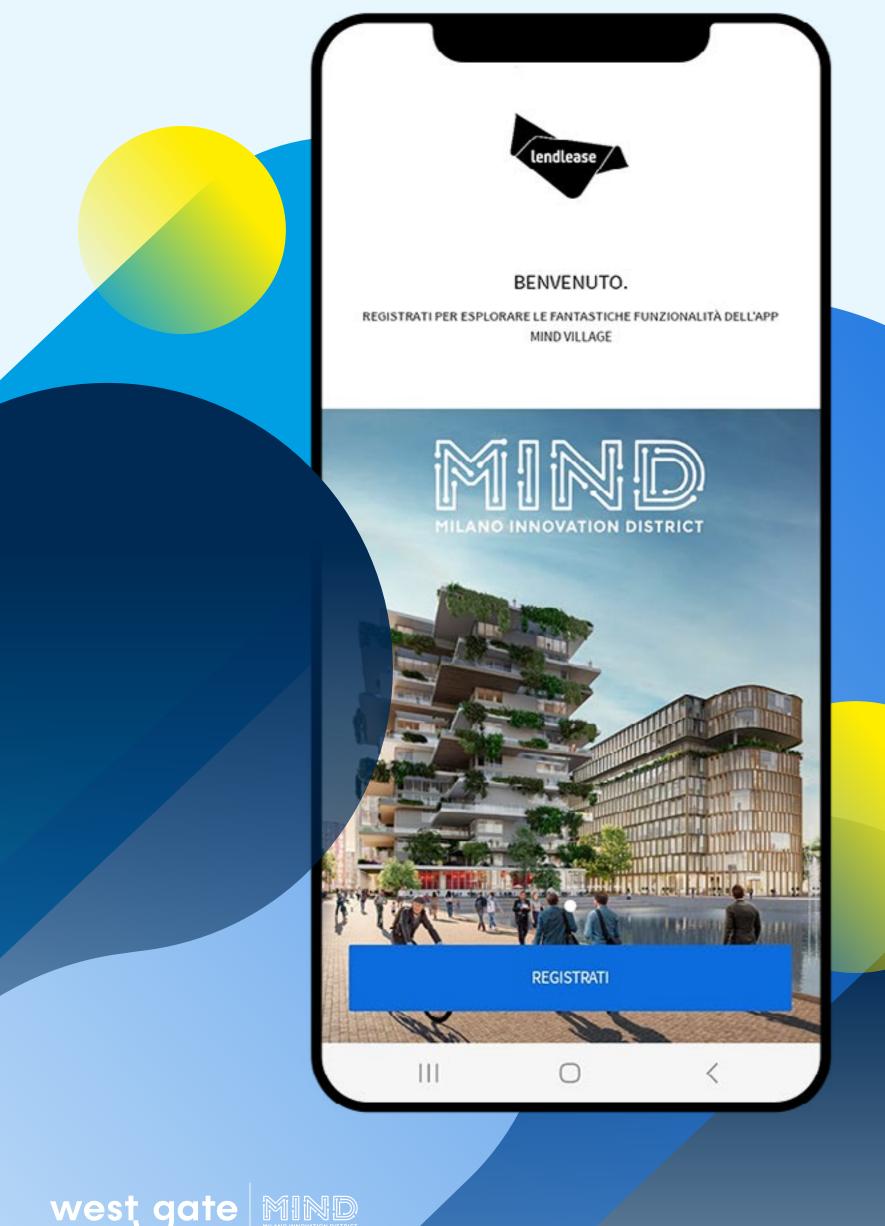
PHOTOVOLTAIC SYSTEM ON THE ROOF

**CENTRALISED AIR TREATMENT SYSTEM** 

**MECHANICAL VENTILATION AND EXTRACTION** 







# Download the MIND Village app and discover all its fantastic features!



















# Thank you

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