

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







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

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TO WORK

200,000 SQM of grade a offices (GLA) 20,000 SQM of co-working (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)









MIND has opened its doors







24min M1 M3 Duomo

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e	12 min	Centrale station	
e	16 min	Garibaldi station	
e	25 min	Cadorna station	3

S5	Varese-Milan
56	Novara-Milar
C11	

Varese-Milano-Treviglio	e	2 h 47 min	Venezia Santa Lucia	20 min	Malpen
Novara-Milano-Treviglio	e	38 min	Torino Porta Susa	30 min	Linate
Chiasso-Como-Milano-Rho	e	3 h 20 min	Roma Termini	45 min	Orio al 3







GALEAZZI-SANT'AMBROGIO HOSPITAL

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

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CASCINA TRIULZA

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



THE HIVE (OPERATIONAL) **Office + Retail**

Paddock

HUMAN TECHNOPOLE

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

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UNIVERSITY OF MILAN

(FORECAST 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

OPERATIONAL FROM: 2022

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Pavilion

Commercial Workspace, Laboratories, **Retail, Amenities and Marketing Suite**









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





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.



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(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.

POLITECNICO **MILANO 1863** 6

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.









+ 5000

Average Employees

+31%

Women presence at Board level

+40,000 €

Average budget for Federated Innovation projects

Women employed

+48%

+2M € Average budget for R&D

Members:







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

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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















SHIM C

32



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
effect of heat islands andMIND is designed to
increase both people
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





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

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





Zenith offers the perfect space for a new open, modern, exciting way of working







Benefit from spaces designed to foster cooperation and help talents meet







Light, air, green, openess... Your vantage point of a healthier workplace





Stacking plan	WGLA sqm	
12 Office	1,495	×
11 Office	1,500	
10 Office	1,558	
9 Office	1,644	* * *
8 Office	1,644	*
7 Office	1,644	He and a second se
6 Office	1,644	
5 Office	1,644	
4 Office	1,644	
3 Office	1,634	
2 Office	1,349	
1 Office	1,260	
0 Retail	793	
-1 Basement	34	
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Monotenant layout



Stairways, elevators

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Toilets

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%



Work desks: 64 desks **16** closed offices



Max floor crowding:









Bitenant layout



Stairways, elevators

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Toilets



lendlease

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:

30 months after signing a binding agreement

TOTAL AREA GLA:

22.790 sqm (GLA Global - Revision 16)

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:

underground structure and foundation.

Building grid: 9×9m

AIR QUALITY:

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

Passive chilled beams and operable windows.

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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

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

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

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 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









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