Bosco Verticale Torre E






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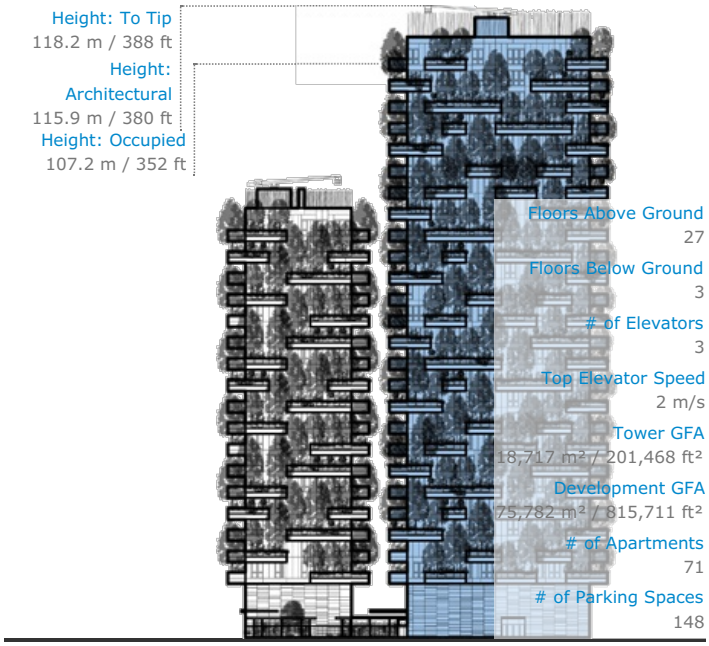

Facts

Official Name	Bosco Verticale Torre E
Name of Complex	Bosco Verticale
Other Names	Vertical Forest
Structure Type	Building
Status	COM
Country	Italy
City	Milan
Street Address & Map	Via De Castilla & Via Confalonieri, Puorta Nova I-20100
Postal Code	20122
Building Function	residential
Structural Material	concrete
Energy Label	LEED Gold
Proposed	2008
Construction Start	2010
Completion	2014
Official Website	Bosco Verticale

Companies Involved

Owner	Fondo Porta Nuova Isola
Developer	COIMA; Hines Italia
Architect	
• Design	Boeri Studio
Structural Engineer	
• Design	Arup
MEP Engineer	
• Design	Deerns
Main Contractor	Colombo Costruzioni S.p.A.; ZH Construction Company S.p.A.
Other Consultant	
• Interiors	COIMA Image; Dolce Vita Capital S.r.l.
• Landscape	Studio Emanuela Borio; Studio Laura Gatti
• LEED	Deerns
• Property Management	COIMA SGR
• Vertical Transportation	Deerns

About Bosco Verticale Torre E

Bosco Verticale, literally “Vertical Forest,” is one of the most intensive living green façades ever realized. It utilizes an architectural concept that replaces traditional cladding materials with screens of vegetation creating a distinct microclimate that works to improve the sustainability of the structure. This type of design creates an urban ecosystem that encourages interaction between the flora, fauna, and the apartments’ residents. The tower is home to 480 big and medium size trees, 250 small size trees, 11,000 groundcover plants and 5,000 shrubs, which is equivalent to an entire hectare of forest cover.

Along with creating a beautiful façade, the incorporation of vegetation into the structure adds a number of sustainable design elements. The foliage acts to improve air quality by filtering out dust and sequestering carbon, while also mitigating the urban heat island effect and reducing noise pollution. As a whole, the living green façade concurrently stimulates interaction with the surrounding environment while also protecting against it.

Bosco Verticale Torre E

CTBUH Initiatives

Fourth Building Tall Lecture Series: Greening Tall
1 Feb 2018 – Event Report

Vertical Greenery Now Free to Download
17 Jun 2016 – CTBUH Research Report

Milan Celebrates the 2015 Best Tall Building: Bosco Verticale
21 Dec 2015 – Event Report

More Initiatives ➜

Videos

Bosco Verticale – Porta Nuova, Milan
3 Apr 2018 – Manfredi Catella, COIMA SGR; Stefano Boeri, Stefano Boeri Architetti

Building Tall Skyscraper Lecture Series: Naturalizing the Vertical Realm
28 Mar 2018 – Sara Beardsley, Adrian Smith + Gordon Gill Architecture; Luke Leung, Skidmore, Owings & Merrill; Molly Meyer, Omni Ecosystems; Yibo Xu, Stefano Boeri Architetti China

CTBUH 2016 China Conference Plenary 3: Cities to Megacities: The Future Q & A
18 Oct 2016 – Carol Willis, The Skyscraper Museum; Chao (Ivan) Wan, Tencent Holdings Ltd, Jonathan Ward, NBBJ; Stefano Boeri, Stefano Boeri Architetti; Winy Maas, MVRDV

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Research Papers

Towards Resource-Generative Skyscrapers
Jul 2018 – International Journal of High-Rise Buildings Volume 7 Number 2

Humanizing the Giants
17 Oct 2016 – Cities to Megacities: Shaping Dense Vertical Urbanism

Increased High-Rise Resilience to Stabilize Cities of the Future
17 Oct 2016 – Cities to Megacities: Shaping Dense Vertical Urbanism

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CTBUH Awards

Best Tall Building Worldwide 2015 Winner
CTBUH Awards 2015

Best Tall Building Europe 2015 Winner
CTBUH Awards 2015

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