



# Urban Forestry

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Co-Founder at SBA China

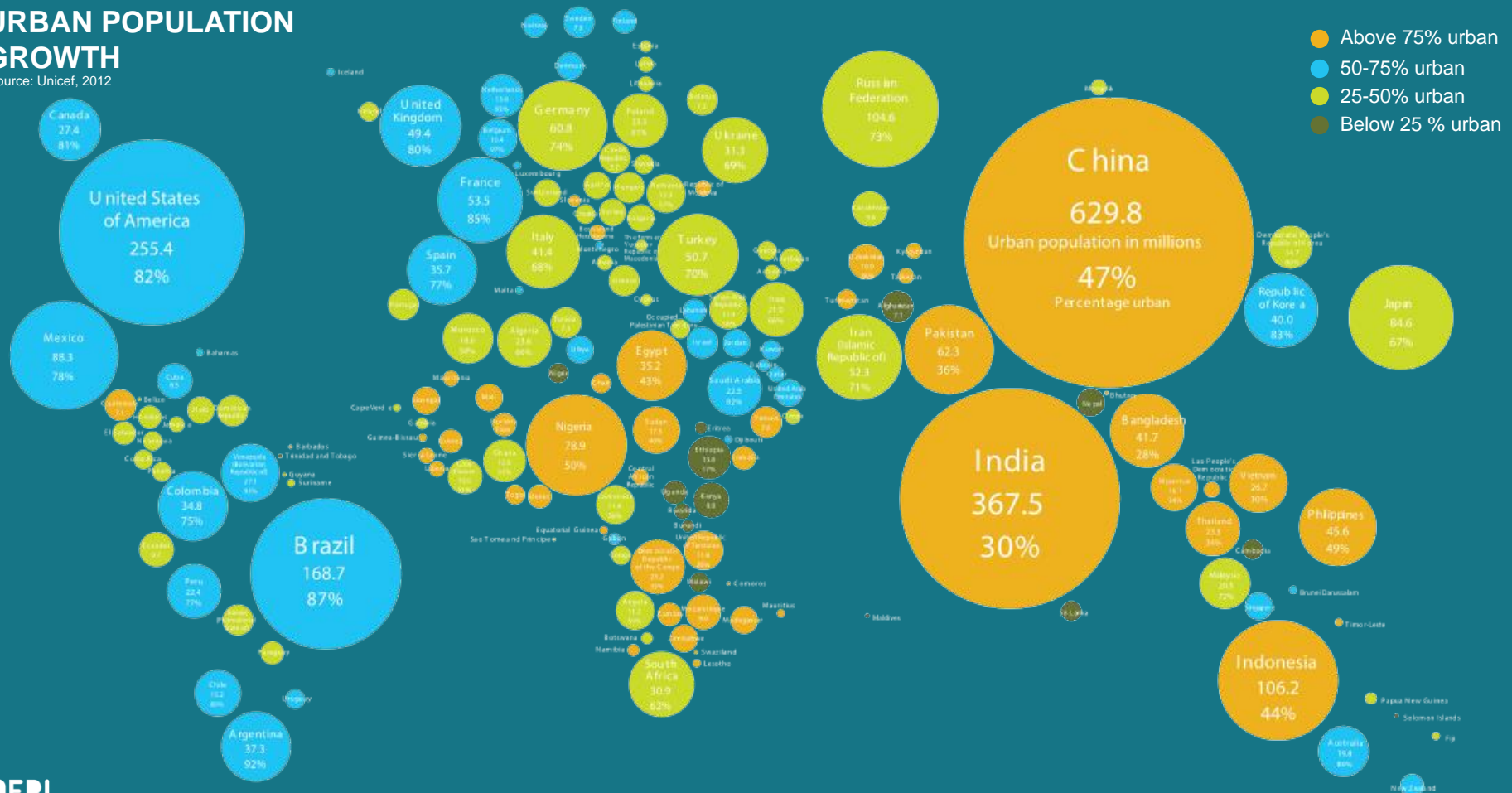
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**STEFANO  
BOERI  
ARCHITETTI**



# URBAN POPULATION GROWTH

source: Unicef, 2012

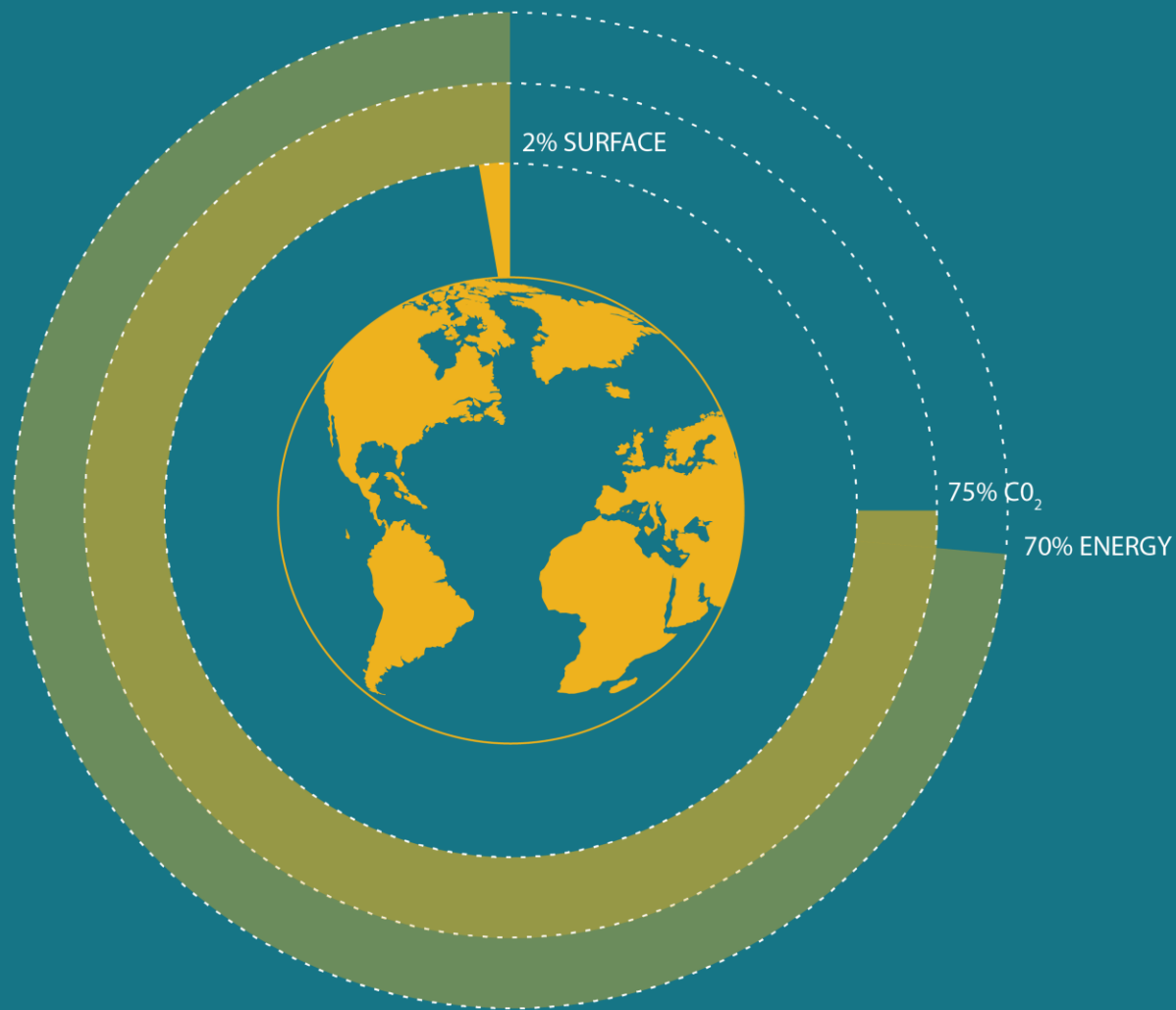


CITIES OCCUPY  
**2%**  
OF EARTH'S LAND

BUT THEY  
PRODUCE

**75%**  
CO<sub>2</sub> EMISSIONS

**70%**  
ENERGY  
CONSUMPTION





**RENEWABLE  
ENERGIES**

**URBAN  
FORESTATION**

**REGENERATIVE  
DEVELOPMENT**





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## VERTICAL FOREST

Milan, Italy

**30 ton/year**  
CO<sub>2</sub> Absorption

**19 ton/year**  
O<sub>2</sub> Production

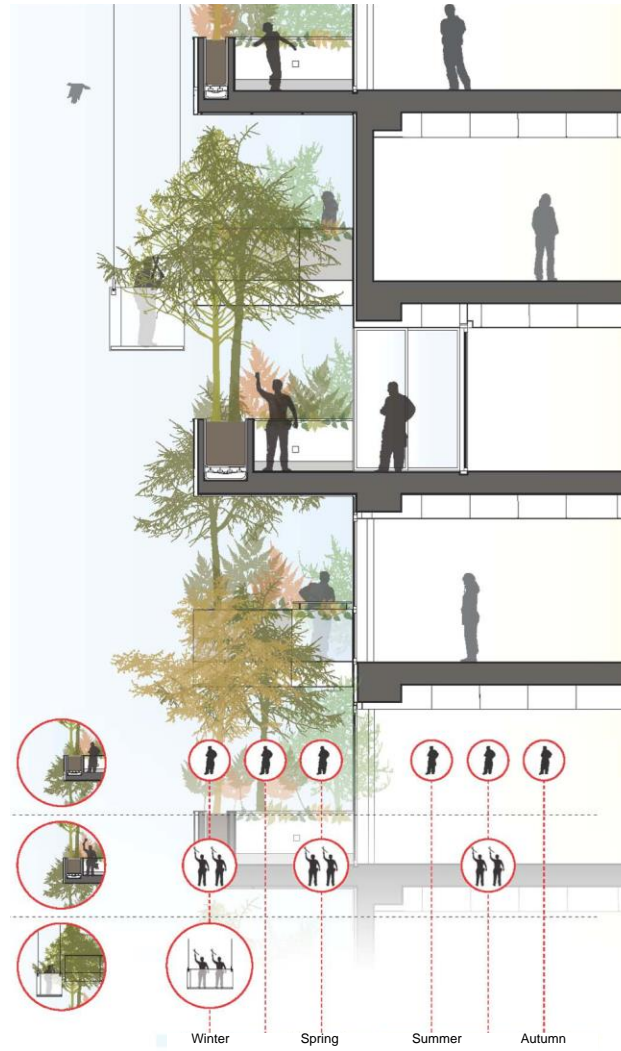
**20,000 sqm**  
forest





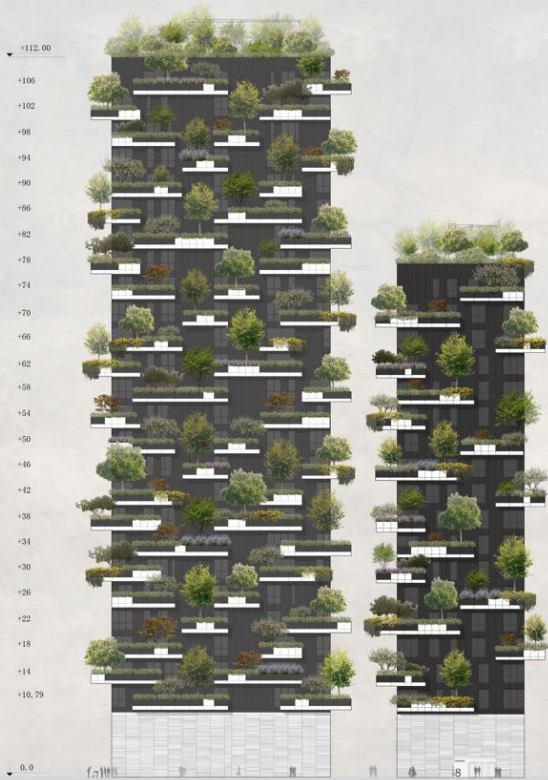
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# NANJING TOWERS

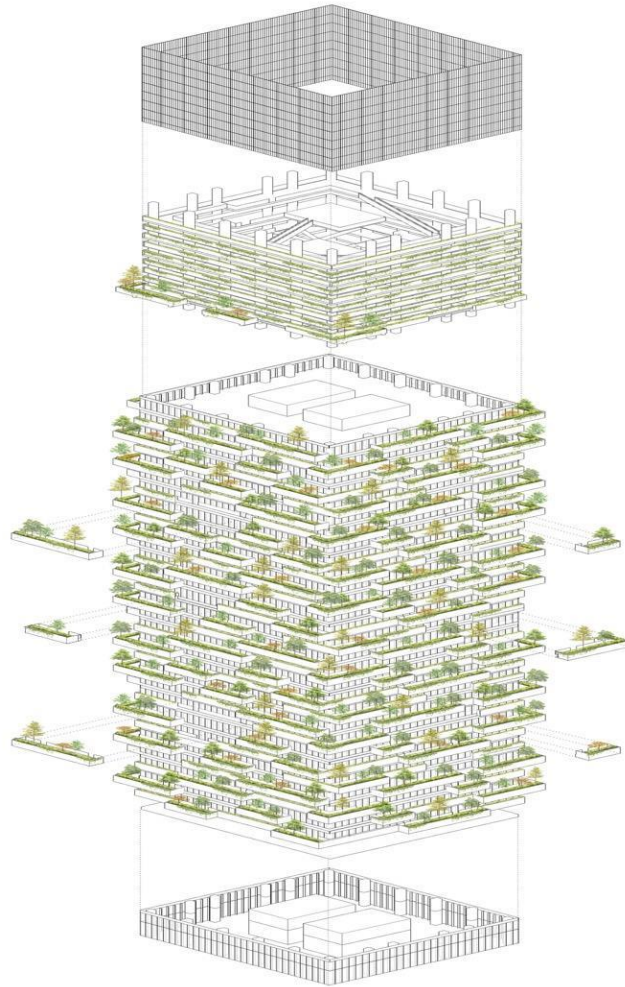
Nanjing, China

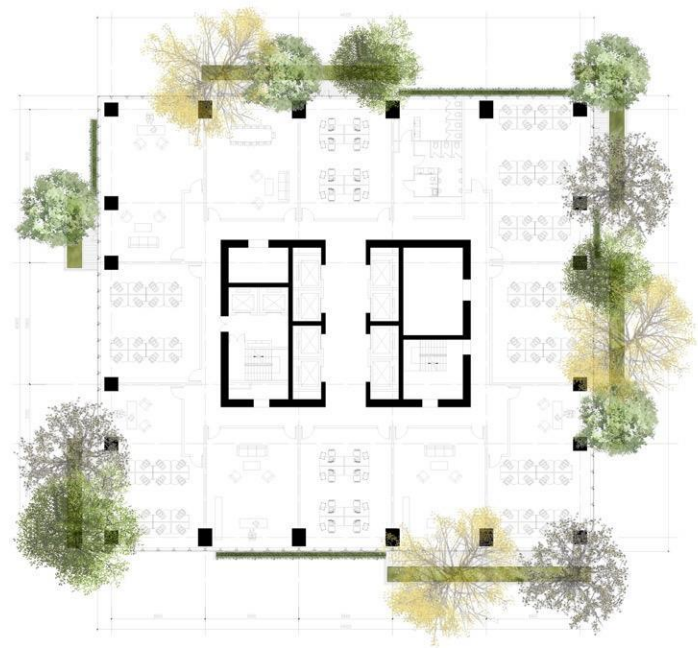
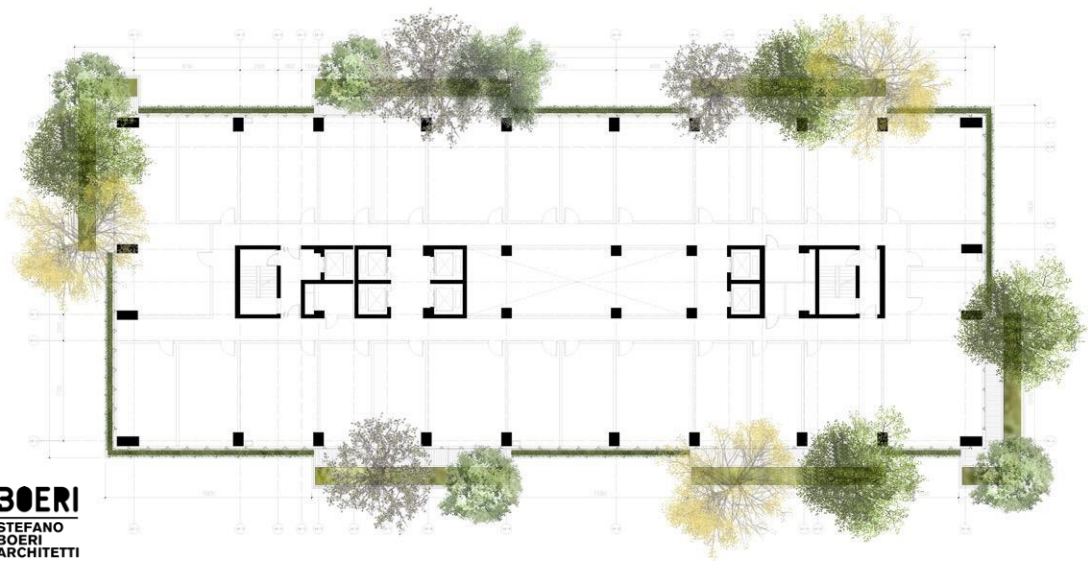
**25 ton/year**  
CO<sub>2</sub> Absorption

**21 ton/year**  
O<sub>2</sub> Production

**6000 sqm**  
forest









# Shanghai Vertical Forest

Shanghai, China





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# TRUDO VERTICAL FOREST

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Eindhoven,  
the Netherlands

**125**  
Trees

**5,200**  
Plants





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#### Loft apartment

- 1. Entrance | Hallway
- 2. Bathroom
- 3. Kitchen
- 4. Livingroom
- 5. Bedroom
- 6. Technical space

KENGO KUMA & ASSOCIATES - XTU ARCHITECTS - STEFANO BOERI ARCHITETTI - MICHAEL GREEN ARCHITECTURE - OXO ARCHITECTES - KOZ ARCHITECTES

EMERGE - CODEURS ET COMPAGNIE



BALCON  
DE  
PARIS

MARNE EUROPE  
VILLIERS-SUR-MARNE

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# French Vertical Forest

Paris, France

2000  
Trees,  
shrubs and  
plants





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EMERGE - CODEURS ET COMPAGNIE



# BALCON S PARIS

MARNE EUROPE  
VILLIERS-SUR-MARNE



LE PALAIS DES CONGRES

LE JARDIN METROPOLITAIN

LA GARE

**BOERI**

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UN QUARTIER CONNECTÉ AU GRAND PARIS PAR LA GARE BRY-VILLIERS-CHAMPIGNY

# Urban Forestry.

**a call for actions**

In preparation of the first World Forum  
on Urban Forests promoted by FAO  
(Food and Agriculture Organization),  
which will be held from 28 November 2018  
to 1 December 2018 in Mantova.

**join us. it's time to act.**

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share this call, suggestions  
and best practices with us at:

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china@stefanoberiarchitetti.net