

# MILAN



REPORT



## GREEN SPACES FOR BETTER PUBLIC HEALTH AND CLIMATE MITIGATION

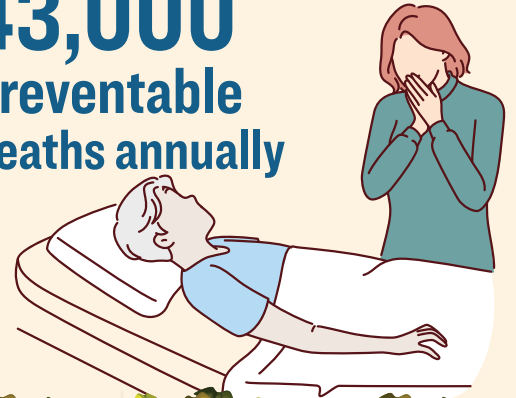
### ISSUE

**OVER 60%** of Europe's urban population has insufficient access to green space



The health burden is estimated at

**43,000** preventable deaths annually



### SOLUTION

#### MILAN'S BOSCO VERTICALE

are 2 towers covered in over 900 trees, 5,000 shrubs and 11,000 plants, which:



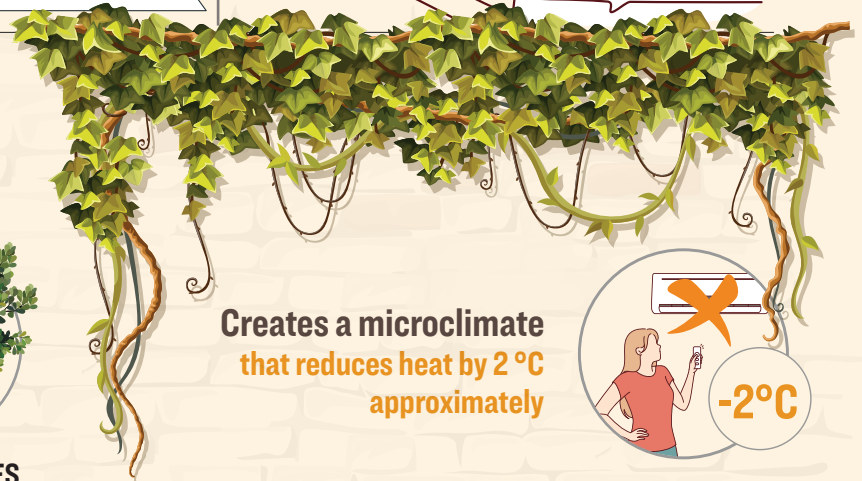
OVER 900 TREES



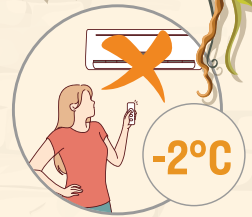
5,000 SHRUBS



11,000 PLANTS



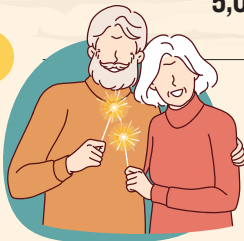
Creates a microclimate that reduces heat by 2 °C approximately



Reduces air pollution with plants converting up to 20,000 kg of carbon dioxide into oxygen per year



### OUTCOME



lower premature mortality  
longer life expectancy



fewer mental health disorders

better social relationships

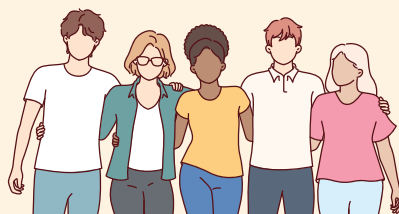
Evidence shows that green spaces are essential for better public health, including:



less cardiovascular disease



better cognitive functioning in children and the elderly



Contributing to climate mitigation by reducing urban heat island effects: A 20% increase in green space could



save approximately **933** heat-related deaths per year