

MILAN



REPORT



GREEN SPACES FOR BETTER PUBLIC HEALTH AND CLIMATE MITIGATION

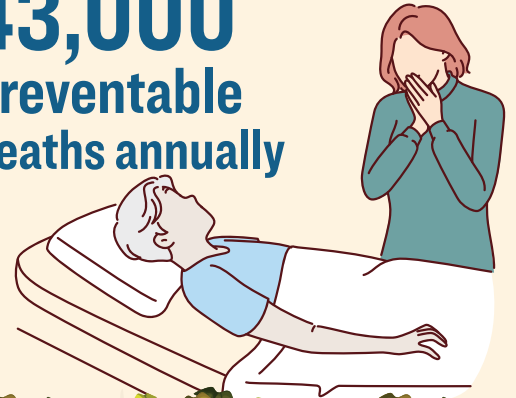
ISSUE

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:



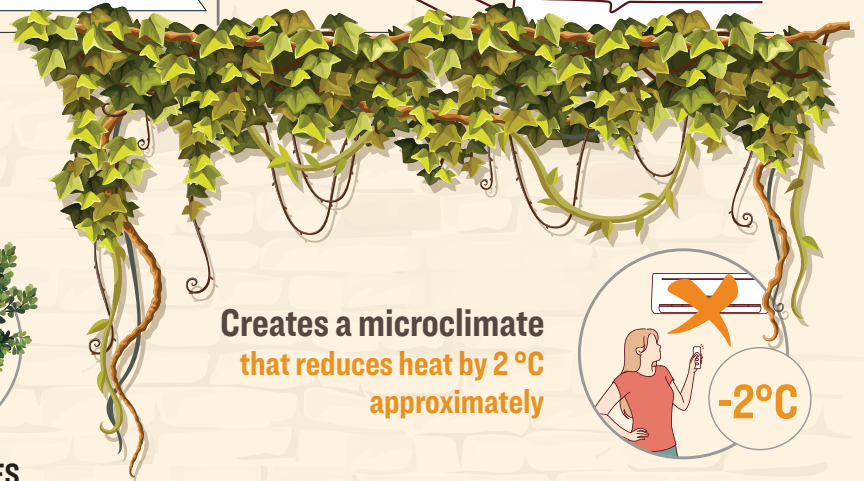
OVER 900 TREES



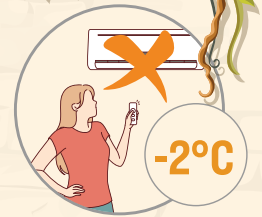
5,000 SHRUBS



11,000 PLANTS



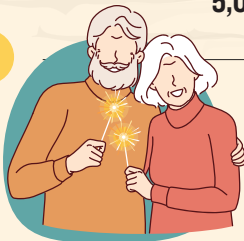
Creates a microclimate that reduces heat by 2 °C approximately



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



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



fewer mental health disorders

better social relationships

