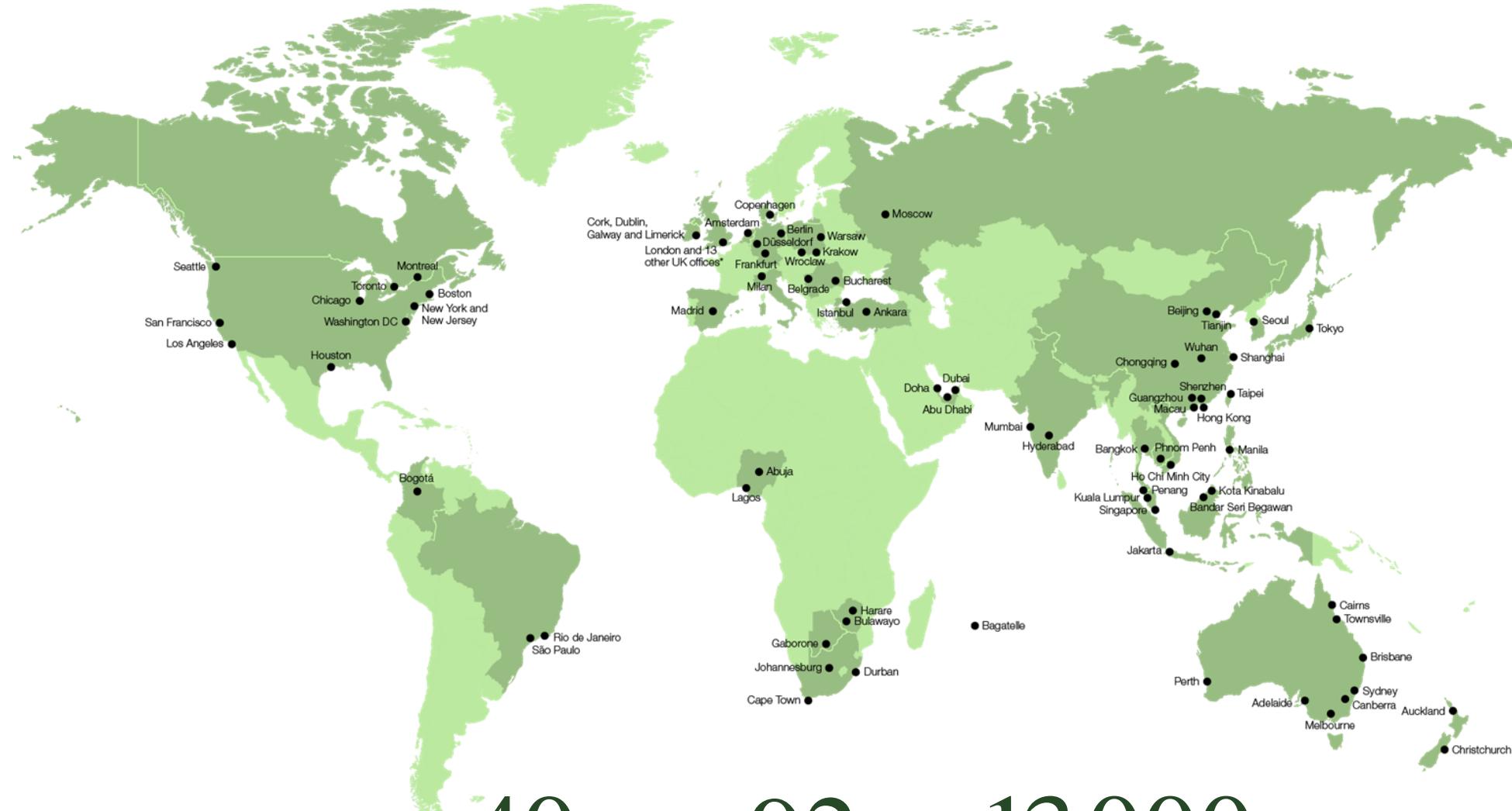


An aerial photograph of a city skyline, likely Berlin, featuring a large green park in the foreground. A road with a dashed center line leads towards the city. The city skyline includes the Reichstag dome, the TV tower, and various modern and historical buildings. The sky is clear and blue.

Cities Alive







40  
Länder

92  
Büros

13.000  
Mitarbeiter



“I believe there is a global  
market for maybe five computers.”

*Thomas Watson (CEO of IBM, 1943)*























# BERLIN



Temperature difference  
from city to  
surrounding areas:

2°C

Air Quality Index  
Scale based on US  
EPA Standard:

34



# LOS ANGELES

Temperature difference  
from city to  
surrounding areas:

3°C 31

Air Quality Index  
Scale based on US  
EPA Standard:

# HONG KONG

An aerial photograph of the Hong Kong skyline, featuring the dense concentration of skyscrapers in the city and the calm blue waters of Victoria Harbor in the foreground. The city extends to the horizon under a clear sky.

Temperature difference  
from city to  
surrounding areas:

Air Quality Index  
Scale based on US  
EPA Standard:

12°C 130

# MELBOURNE



Temperature difference  
from city to  
surrounding areas:

12°C 20

Air Quality Index  
Scale based on US  
EPA Standard:

# LONDON



Temperature difference  
from city to  
surrounding areas:

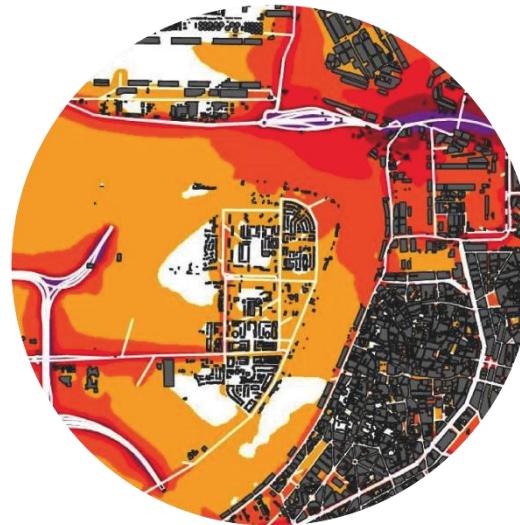
Air Quality Index  
Scale based on US  
EPA Standard:

12°C 67



# 12°C

hotter evening temperatures  
in urban areas with a population  
exceeding 1 million than in  
surrounding areas



# 6-10dB(A)

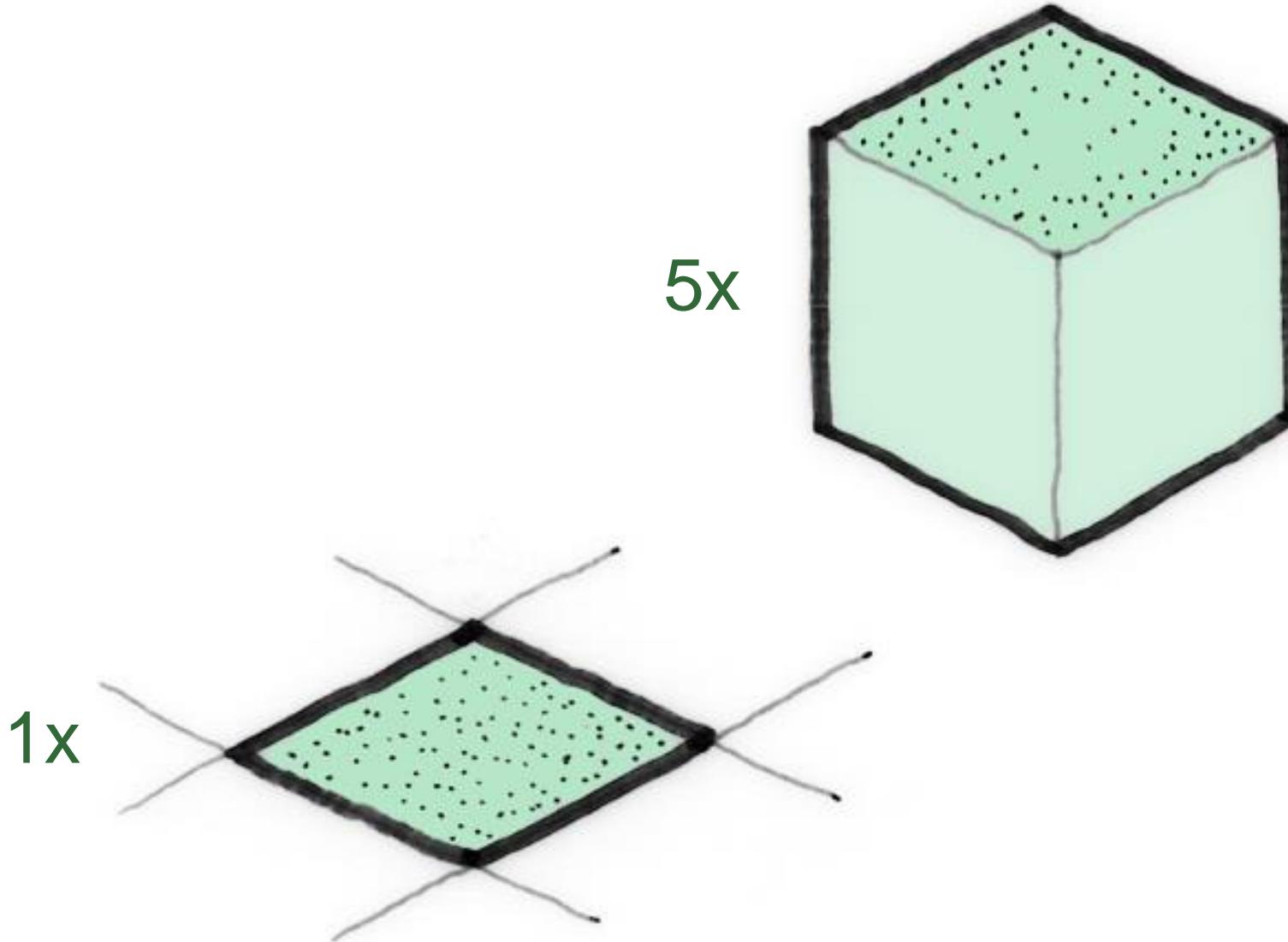
reductions are feasible in  
ambient noise levels



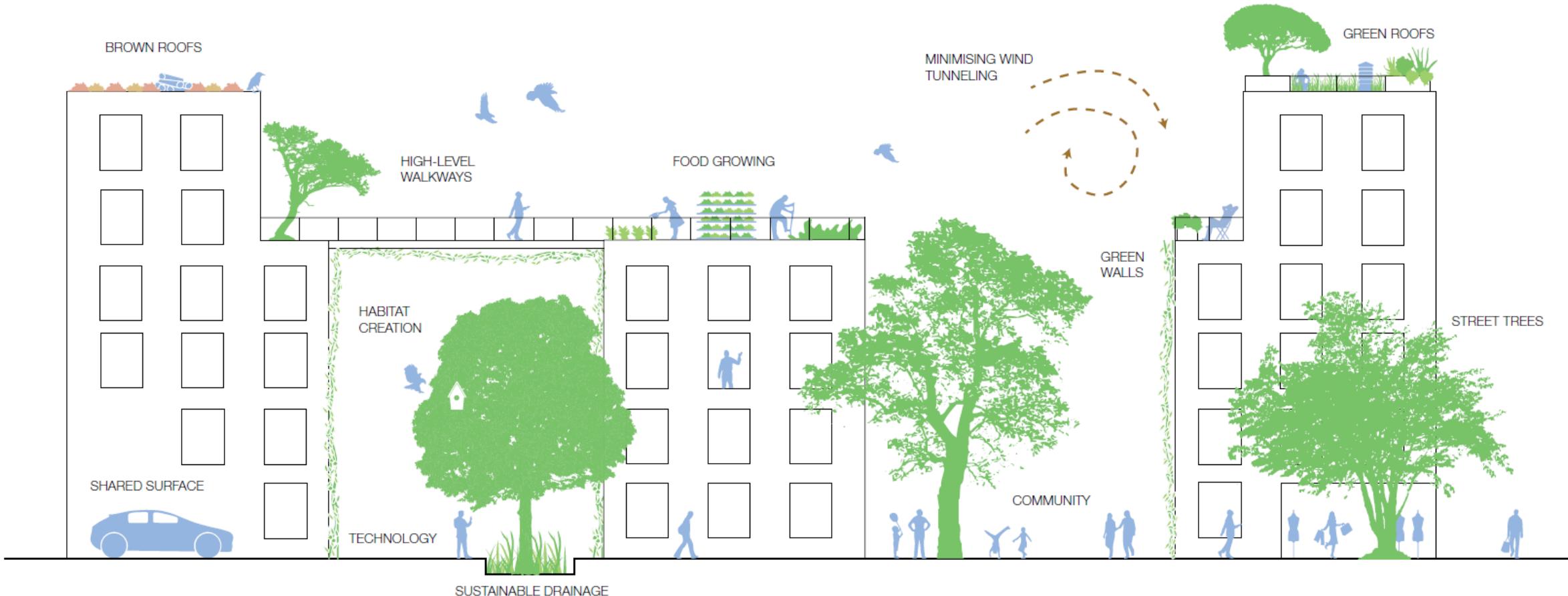
# 1.78bn

People have inhaled  
polluted air over the past  
decade; this has led to  
multiple diseases

## The role of buildings



# Buildings as green infrastructure







ARUP





# Placemaking



# Biodiversity





Urban Agriculture

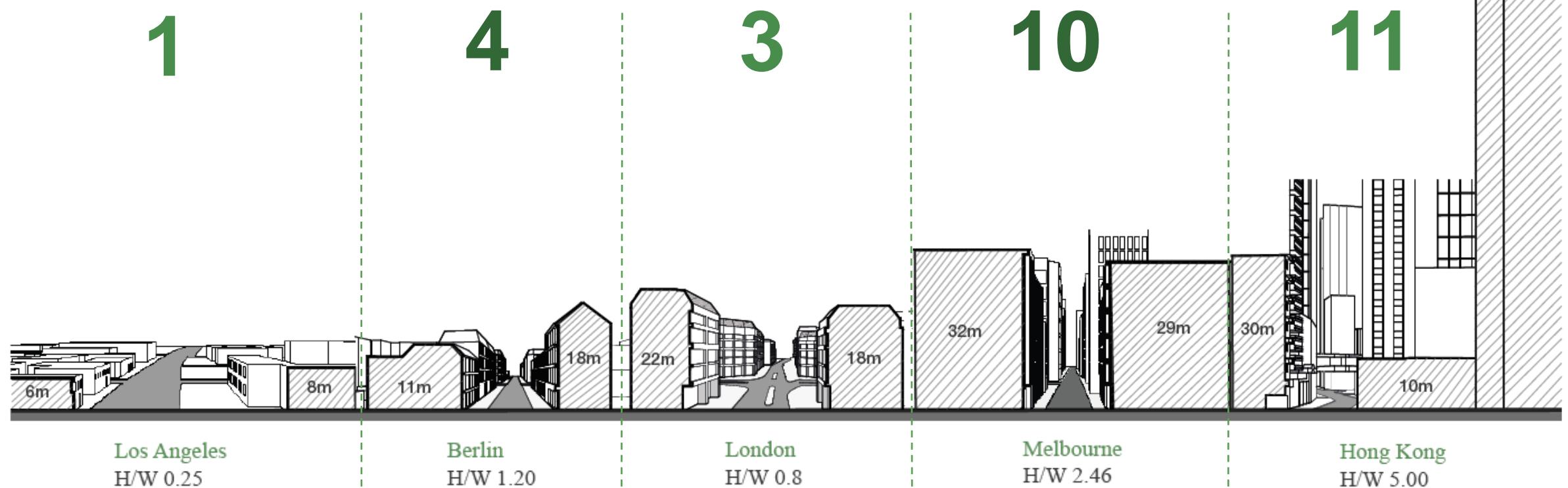




Air Quality

# Quantified Benefits

Potential change in air temperature due to green facades, correlates with H/W ratio (in  $^{\circ}$  C)





















The background of the image is a high-angle aerial photograph of a city skyline, likely London, featuring the Gherkin, the Walkie-Talkie, and the Cheesegrater buildings. The city is surrounded by lush green parks and trees, creating a strong visual contrast between urban architecture and nature.

# Martin Pauli

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