

# PERFORMATIVE STREETSCAPES

by Warm in the Winter

# OVERVIEW

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- GLOBAL CONTEXT AND SDG'S
- THE PERFORMATIVE STREETSCAPES MODEL
- PERFORMANCE OF STREETSCAPES
- NINE EXAMPLES

# GLOBAL CONTEXT AND SDC'S



# FIVE PILLARS OF SUSTAINABILITY

## INCLUSIVENESS & QUALITY OF LIFE

Streetscapes should be welcoming and inviting to all, regardless of gender, religion, age, income, ethnicity, sexual orientation, occupation or ability. On top of that, streetscapes should improve the quality of our daily lives by allowing the use of spaces for work, activities and interaction, promoting empowerment and self-expression of the vulnerable and facilitating the formation of stronger communities.

## REDUCE ECOLOGICAL FOOTPRINT

Currently cities occupy 3% of the Earth's land, yet are accountable for 60–80% of energy consumption and 75% of carbon emissions<sup>4</sup>. By implementing more climate-conscious streetscape design it is possible to start reducing the ecological footprint of urban areas worldwide. Changes in how cities are built can promote changes in movements, lifestyle patterns and the way people use space.

## EASE OF MOVEMENT

With the growth of urban areas and with it, an increase in users of space, it is becoming more important than ever that streetscapes have the capacity to deal with the amount of people and all of their movements and actions. This includes all different forms of transportation and the conflicts between these forms, reducing the amount of dangerous traffic situations and improving the ease of movement of all people in a equitable way.

## HEALTH & SAFETY

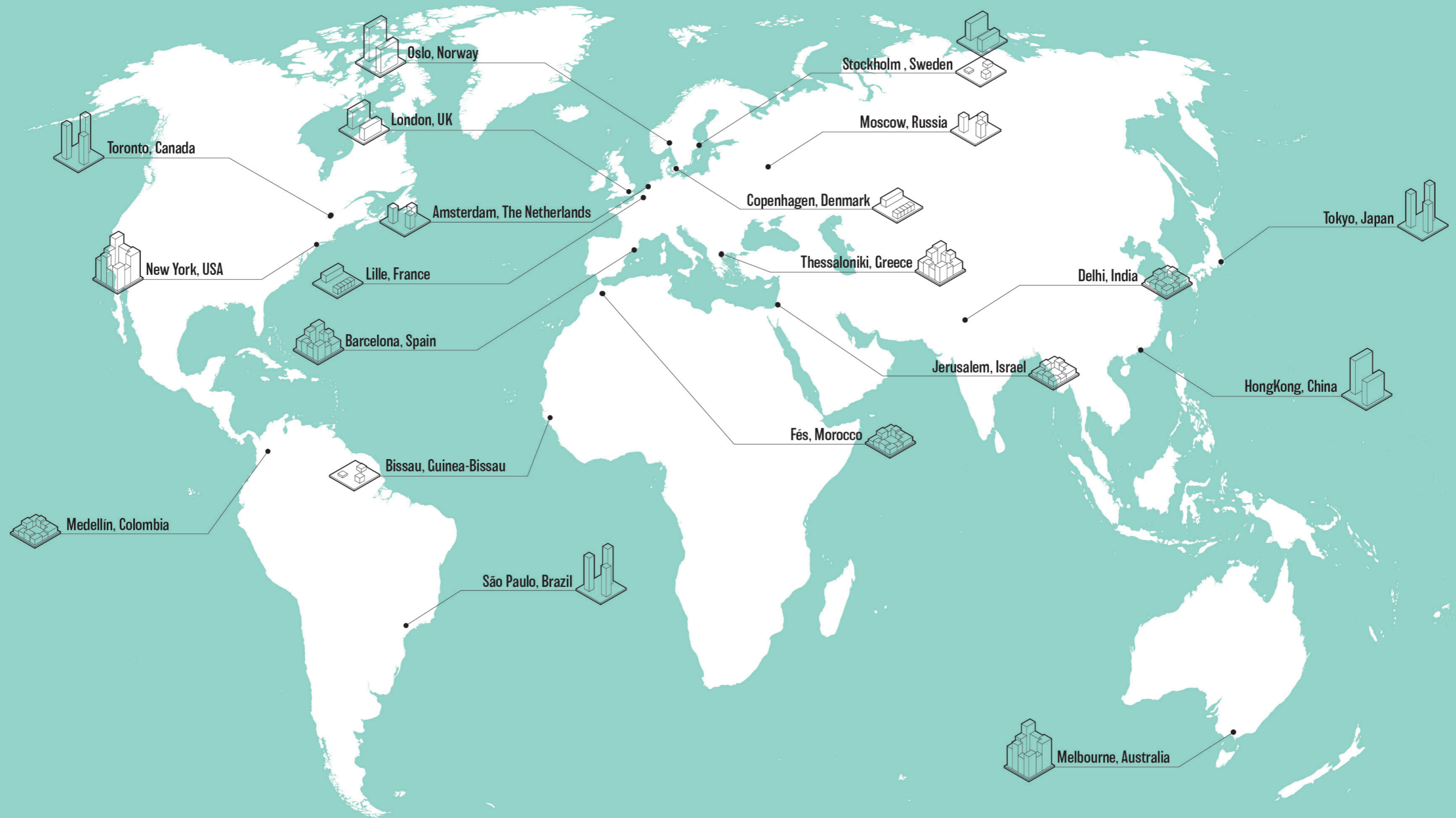
Rapid urbanisation is putting a lot of pressure on the living environment and public health. Too many people die every year due to preventable causes such as chronic diseases related to bad air quality, lack of physical activity or dangerous situations on the streets. Streetscapes should be able to provide safe environments and facilitate healthy forms of activity and transportation.

## SHELTER FROM ELEMENTS

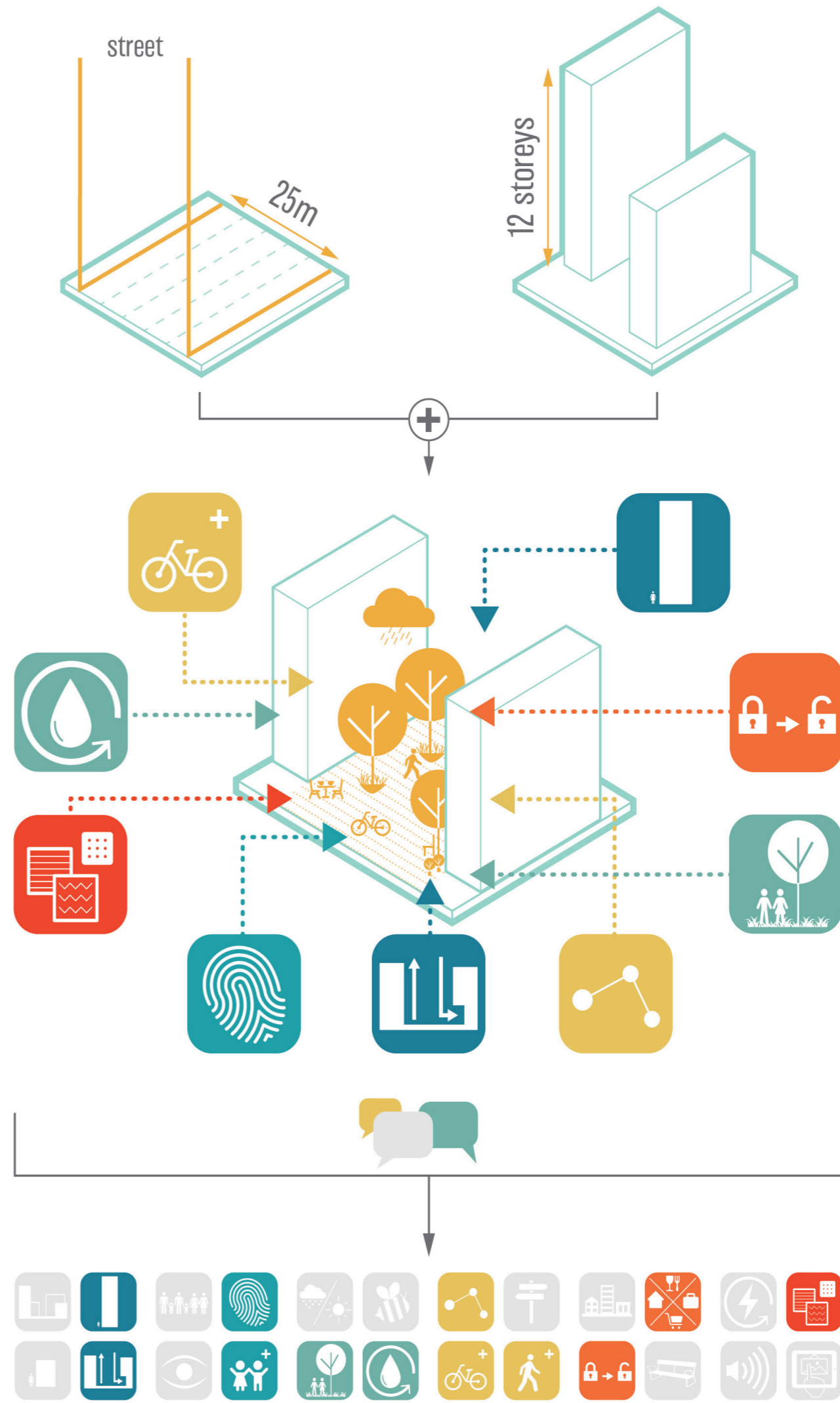
Streetscapes should have the capacity to offer users of space shelter and protection from the elements such as rain, sun, wind, snow, ice. On top of that, streetscapes form an excellent opportunity to improve on the resilience of urban areas to extreme weather such as droughts, flooding and bigger natural disasters.

# THE WORLD AS INSPIRATION

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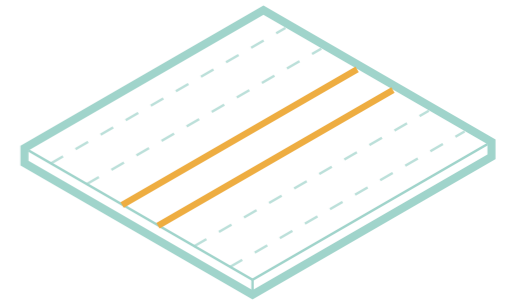
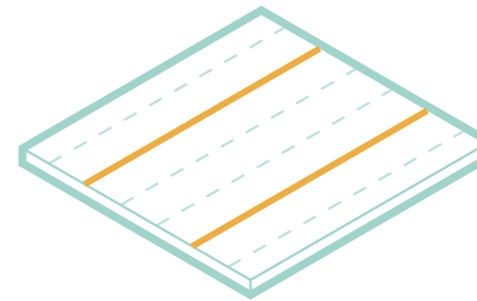
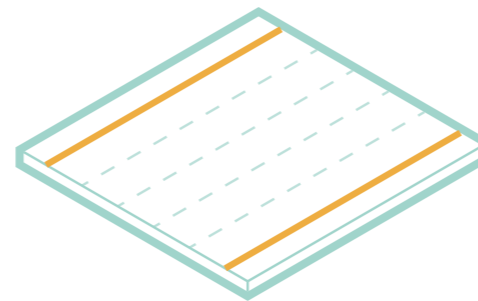
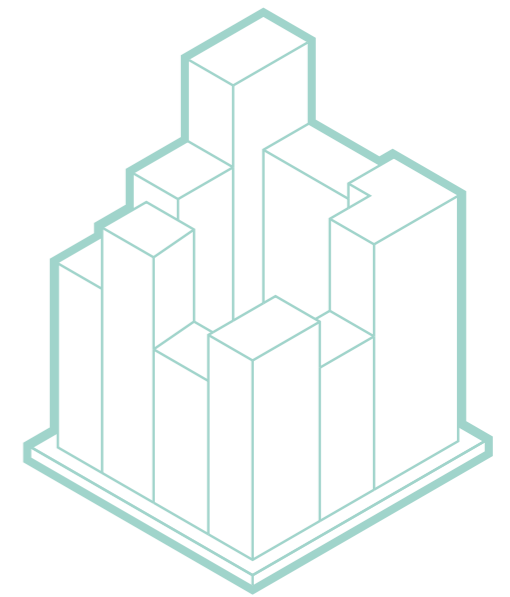
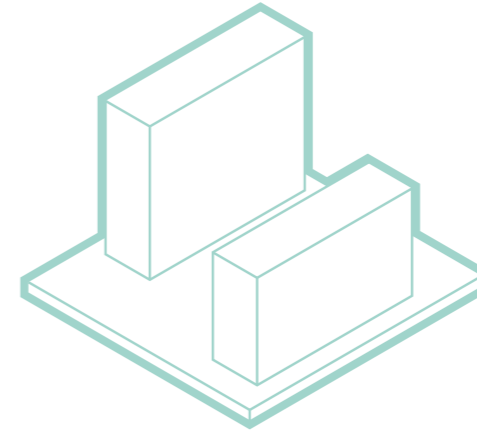
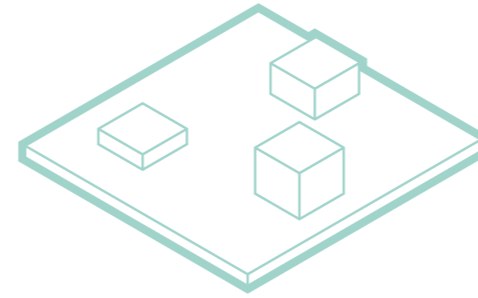


# THE PERFORMATIVE STREETSCAPES MODEL



# THE FOUR COMPONENTS OF THE MODEL

- The building blocks
- The streets
- The infill (tangible & intangible elements)
- The indicators



## URBAN FORM



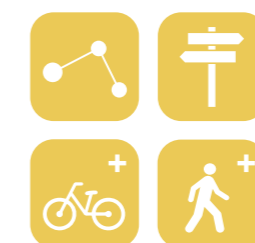
## SOCIAL



## ENVIRONMENTAL



## MOBILITY

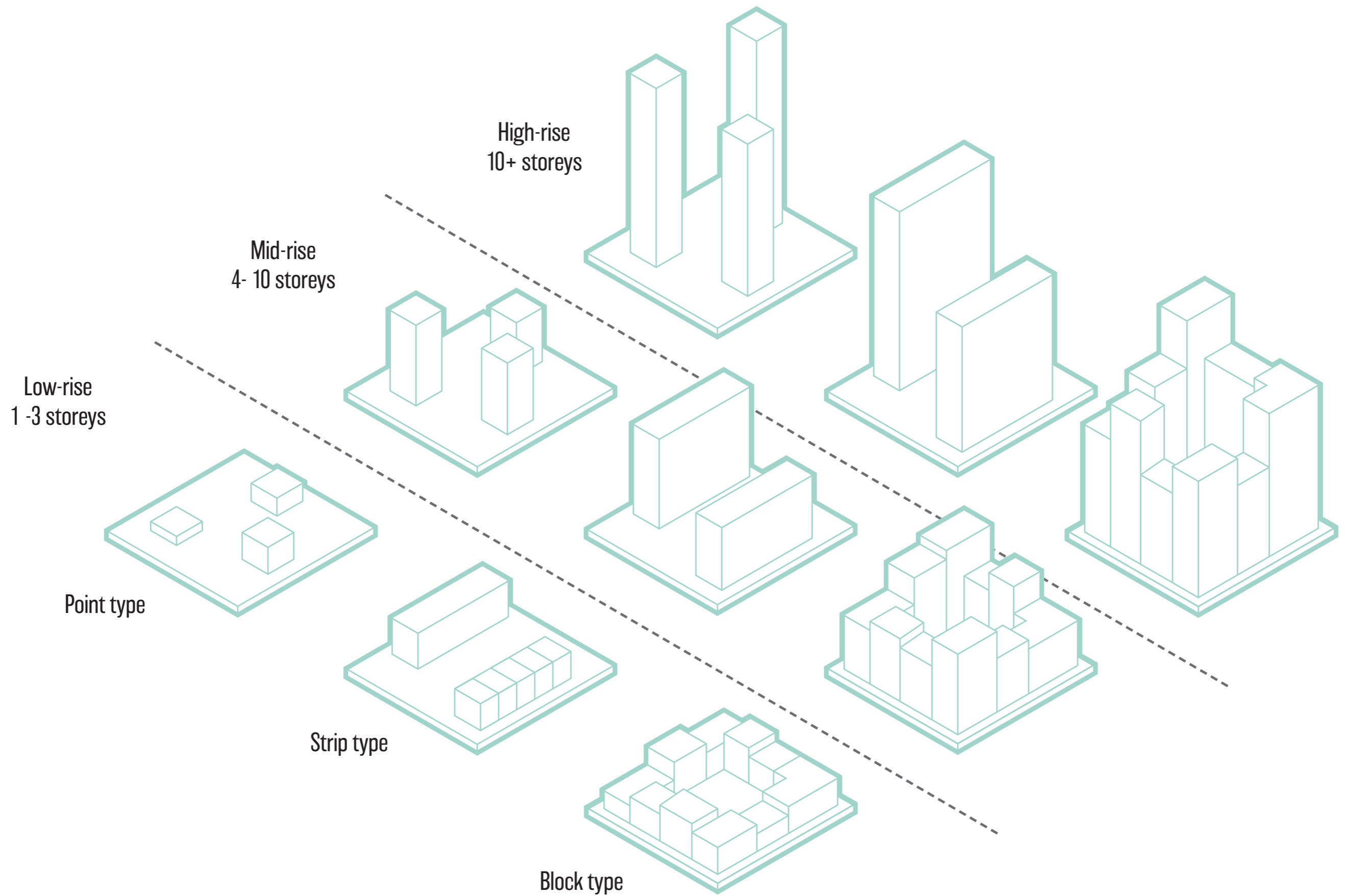


## USE AND ACTIVITY



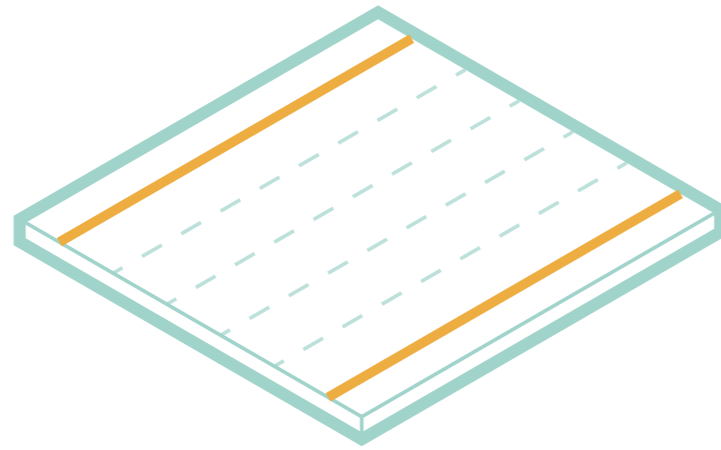
## TECH



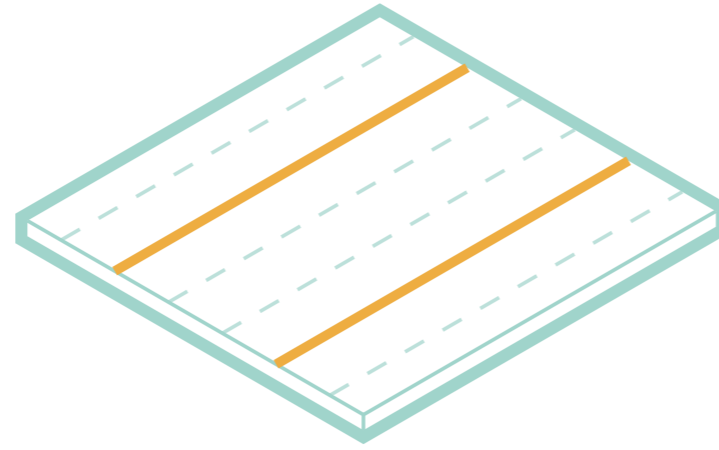


# CONCEPTUAL BUILDING BLOCK TYPOLOGIES

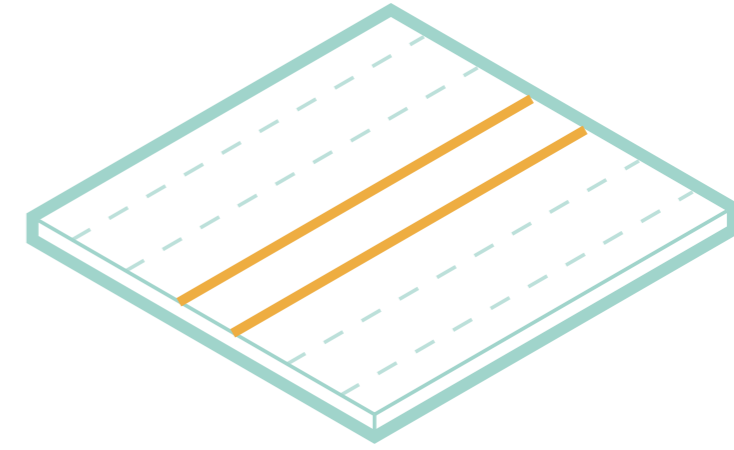
Wide > 22m



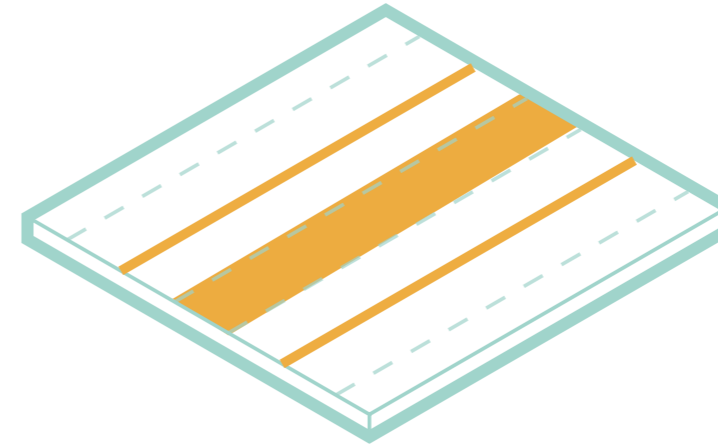
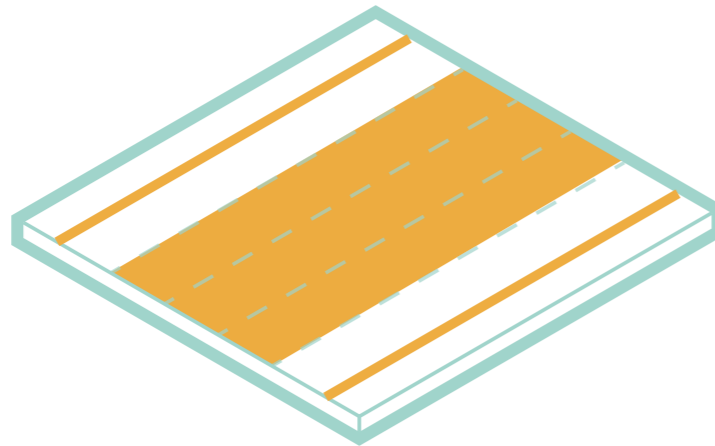
12m < Intermediate <= 22m



Narrow <= 12m

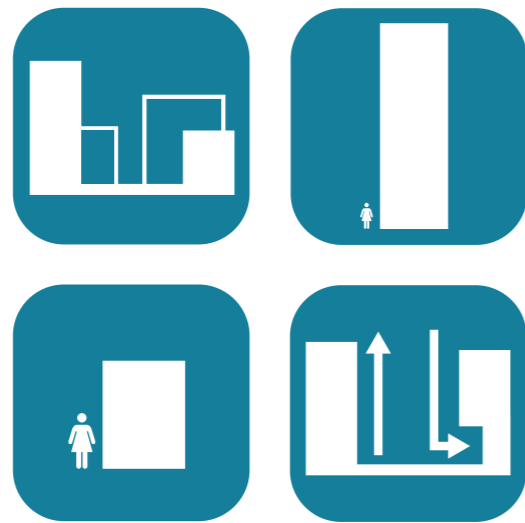


Differentiation between public and private



# CONCEPTUAL STREET TYPOLOGIES

## URBAN FORM



## SOCIAL



## ENVIRONMENTAL



## MOBILITY



## USE AND ACTIVITY



## TECH



SIX PERFORMANCES – FOUR INDICATORS EACH

# PERFORMANCE OF URBAN FORM

SMART DENSITY

HIGH-RISE

LOW-RISE

FRIENDLY STREET-BUILDING INTERFACE





## SOCIAL PERFORMANCE

A SENSE OF COMMUNITY

UNIQUE IDENTITY

A SENSE OF SAFETY

CHILD-FRIENDLY

# ENVIRONMENTAL PERFORMANCE

CLIMATE-SENSITIVE

PROMOTING BIODIVERSITY

PROVIDING ECOSYSTEM SERVICES

HEALTHY URBAN WATER CYCLE



# MOBILITY PERFORMANCE

GOOD CONNECTIVITY  
EASY WAYFINDING  
BICYCLE-FRIENDLY  
WALKABLE



# USE AND ACTIVITY PERFORMANCE

MIX OF HOUSING TYPES

MIXED FUNCTIONALITY

GOOD TRANSITION BETWEEN PUBLIC AND PRIVATE

WELCOMING PUBLIC ENVIRONMENTS





# TECH PERFORMANCE

RENEWABLE ENERGY

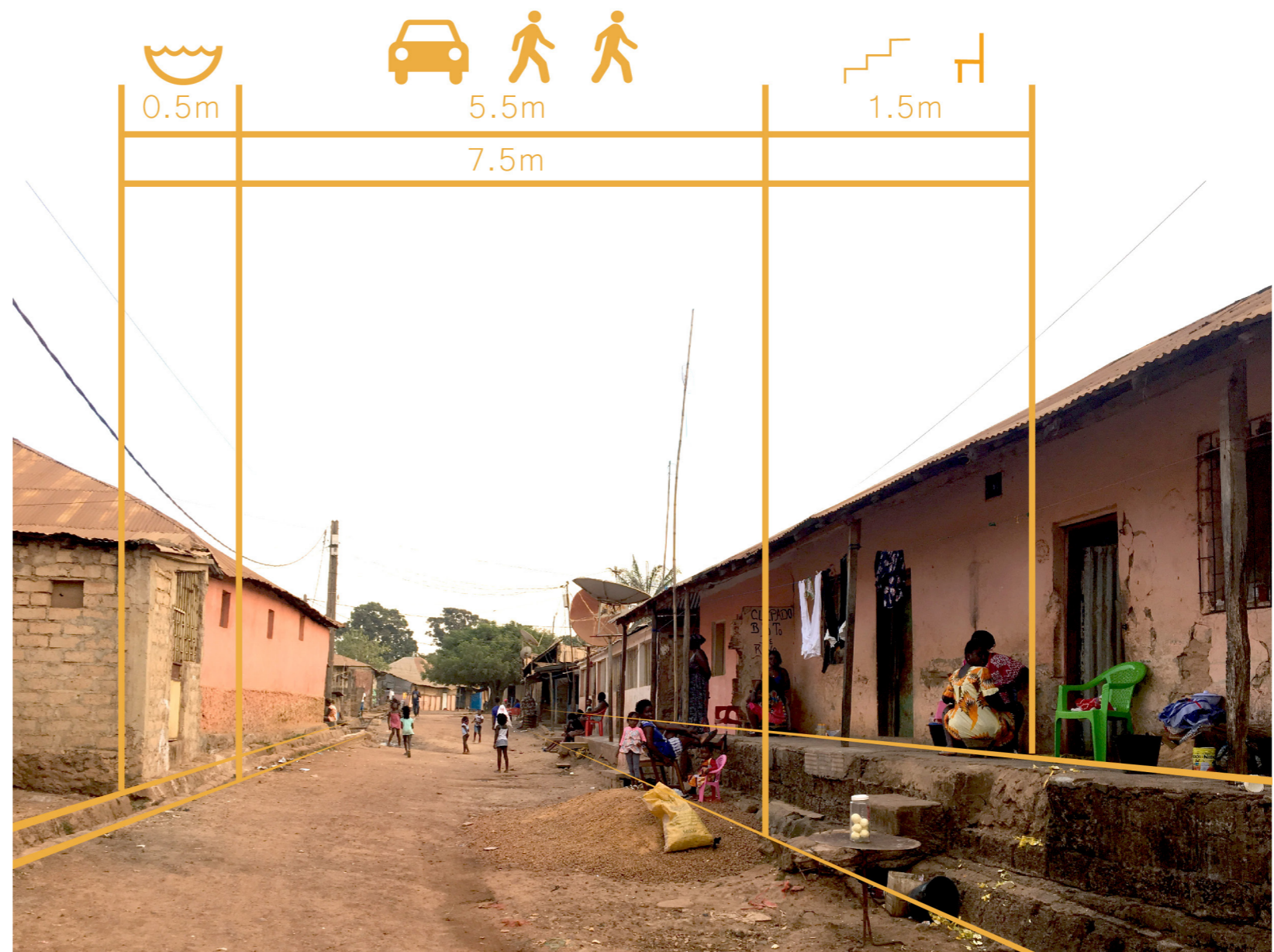
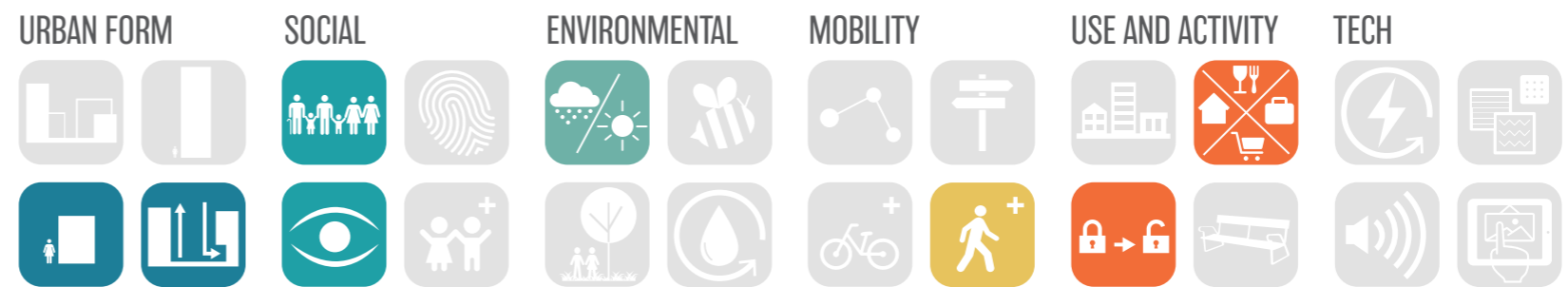
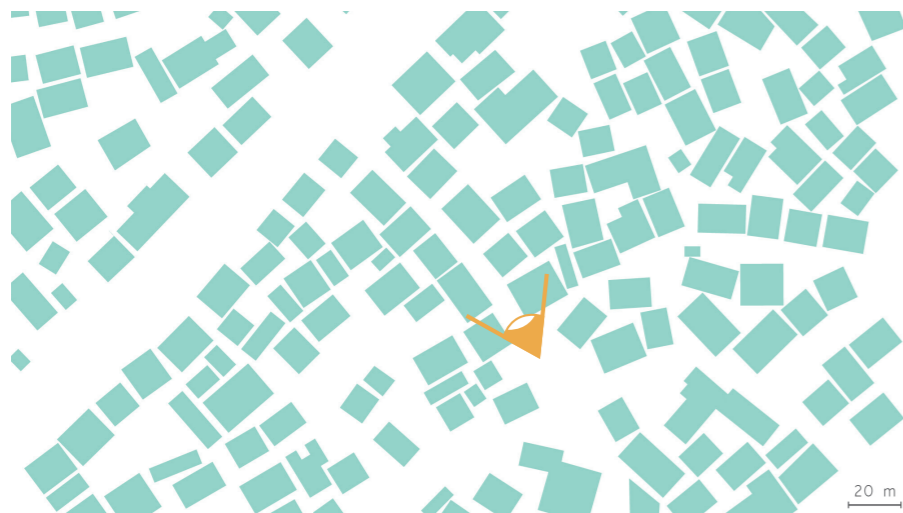
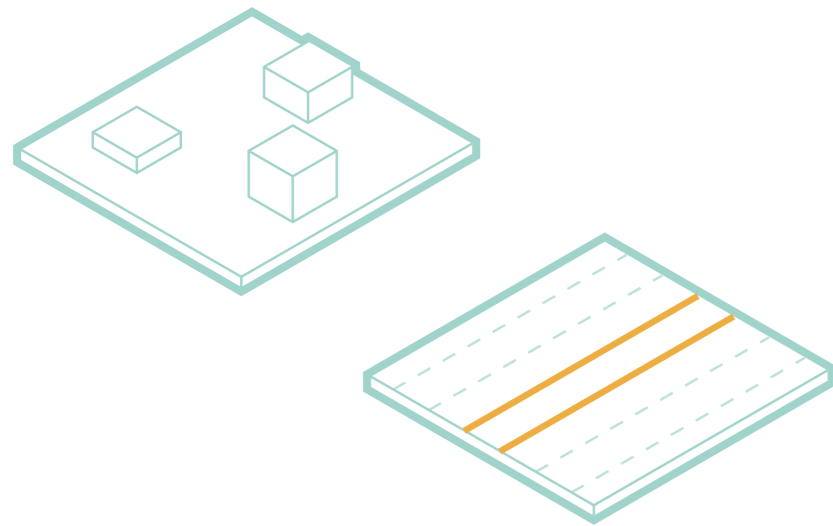
CONSCIOUS USE OF MATERIALITY

SOUND-CONSCIOUS DESIGN

MIXED REALITY

# UNNAMED STREET

## BISSAU – GUINEA-BISSAU



Original photo: Warm in the Winter

# HET FUNEN

## AMSTERDAM – NETHERLANDS

URBAN FORM



SOCIAL



ENVIRONMENTAL



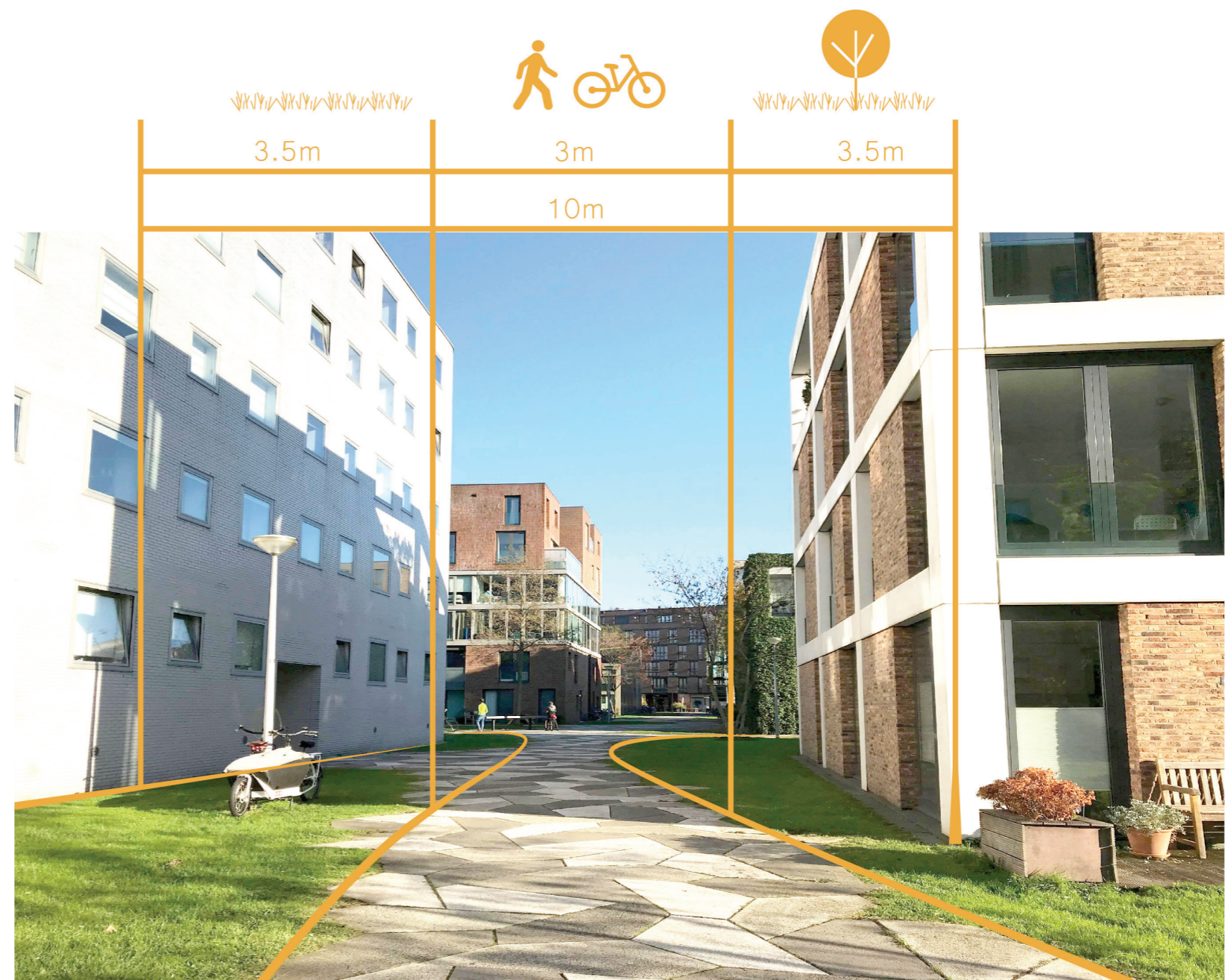
MOBILITY



USE AND ACTIVITY



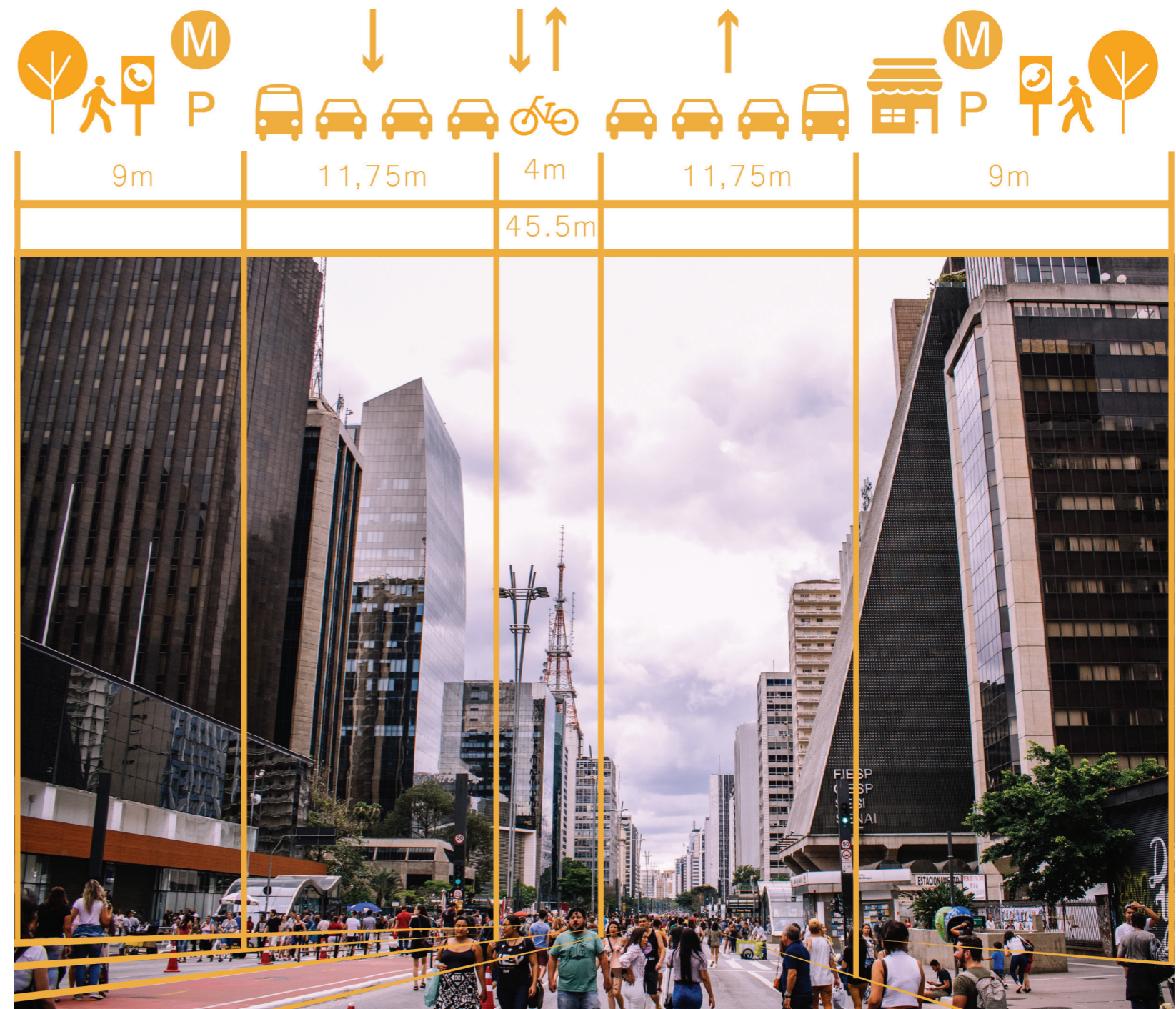
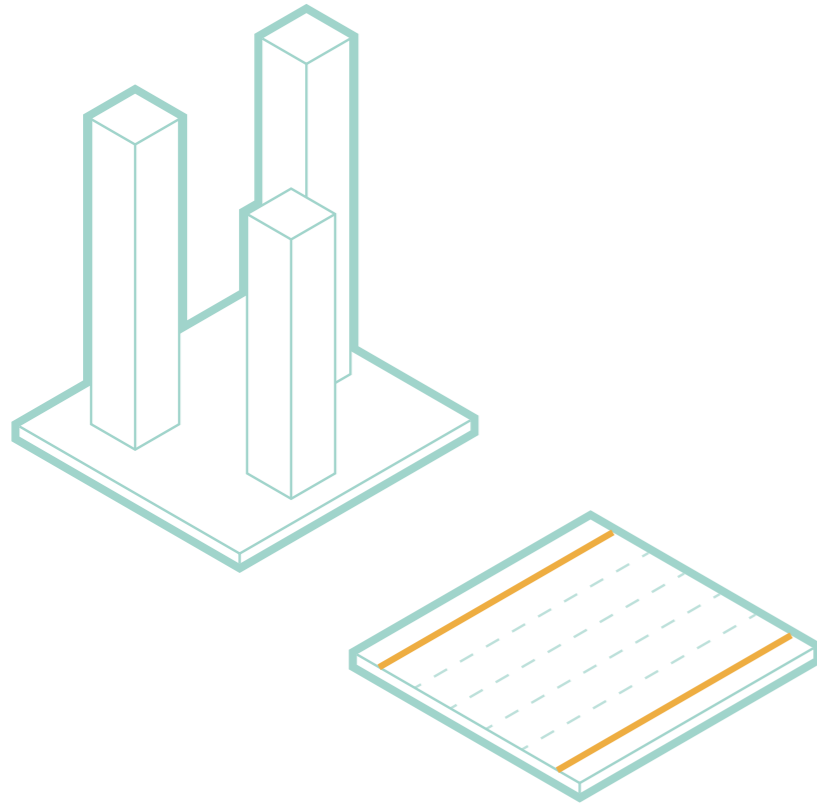
TECH



Original photo: Elisa Ara Larré

# AVENIDA PAULISTA

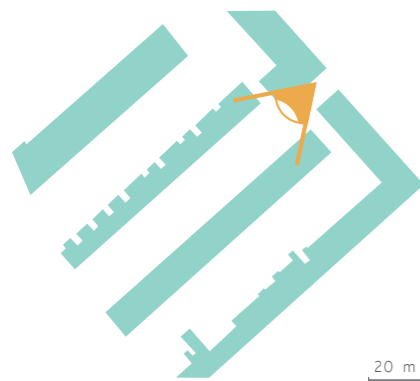
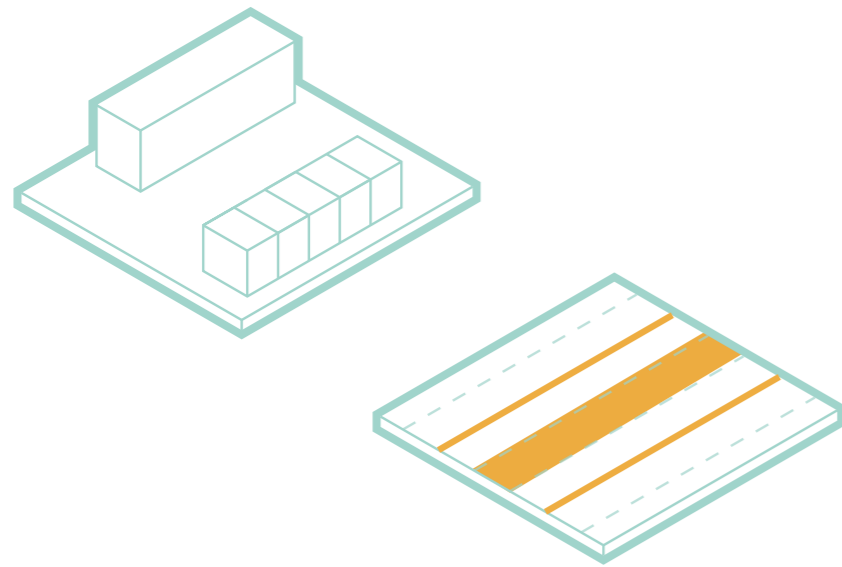
## SÃO PAULO – BRAZIL



Original photo: Gui Motta, stock photo from Pexels

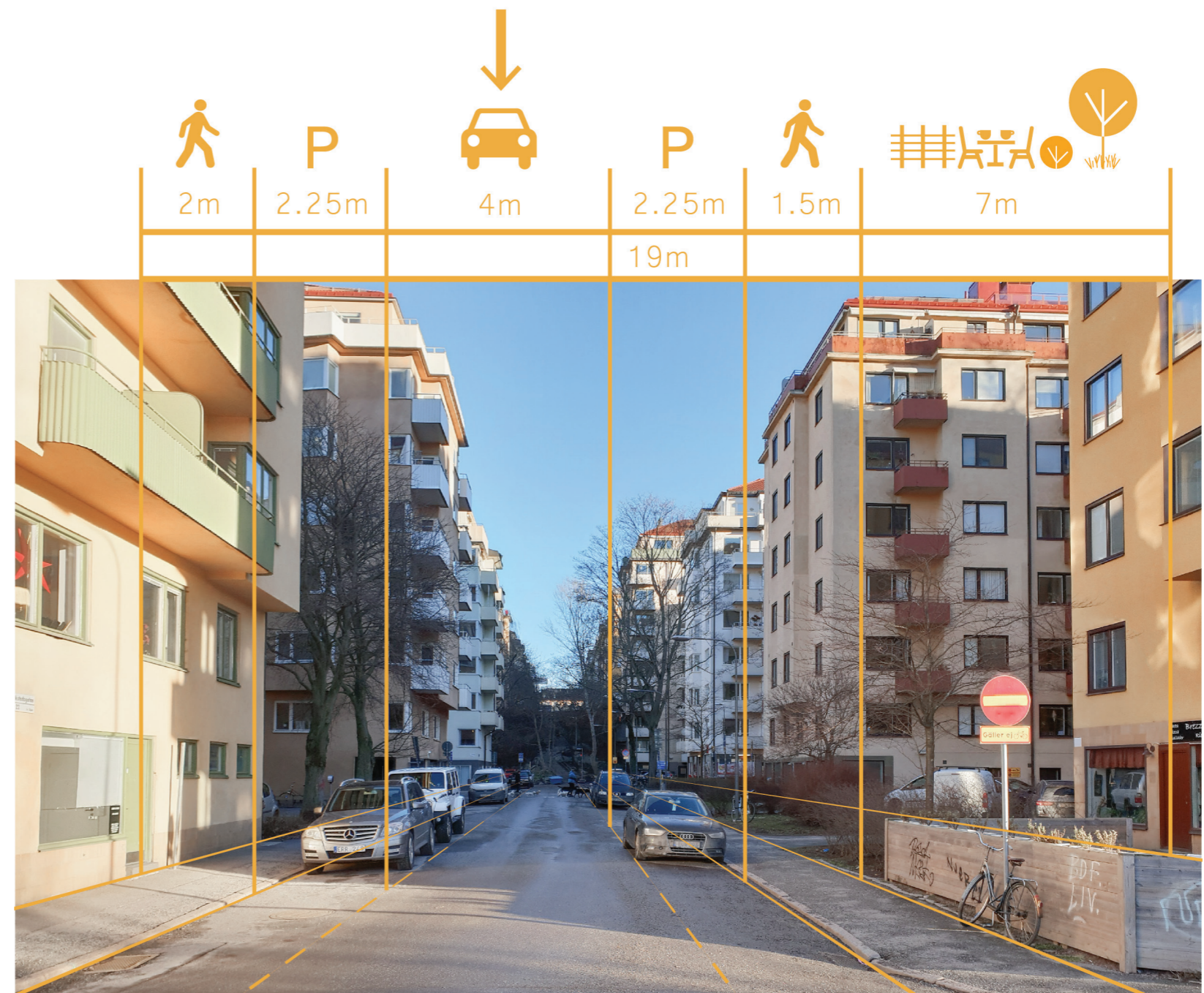
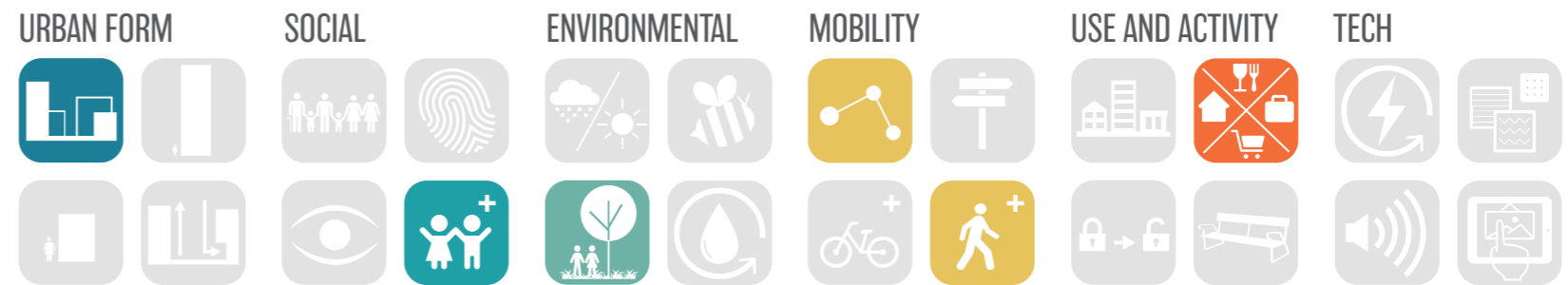
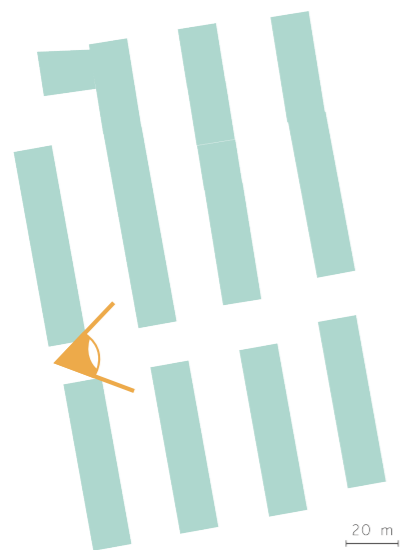
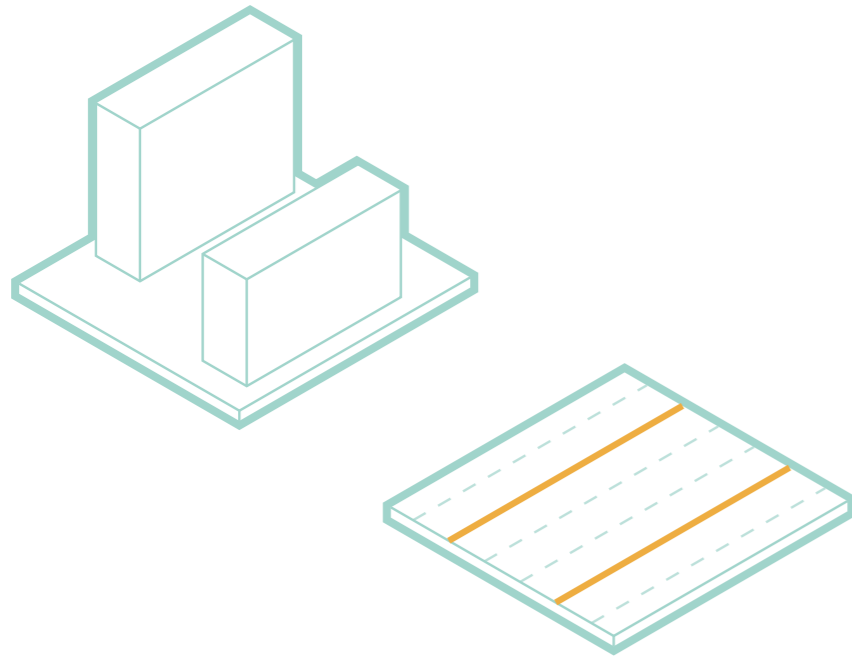
# ALLÉE COIGNET

## LILLE – FRANCE



Original photo: Warm in the Winter

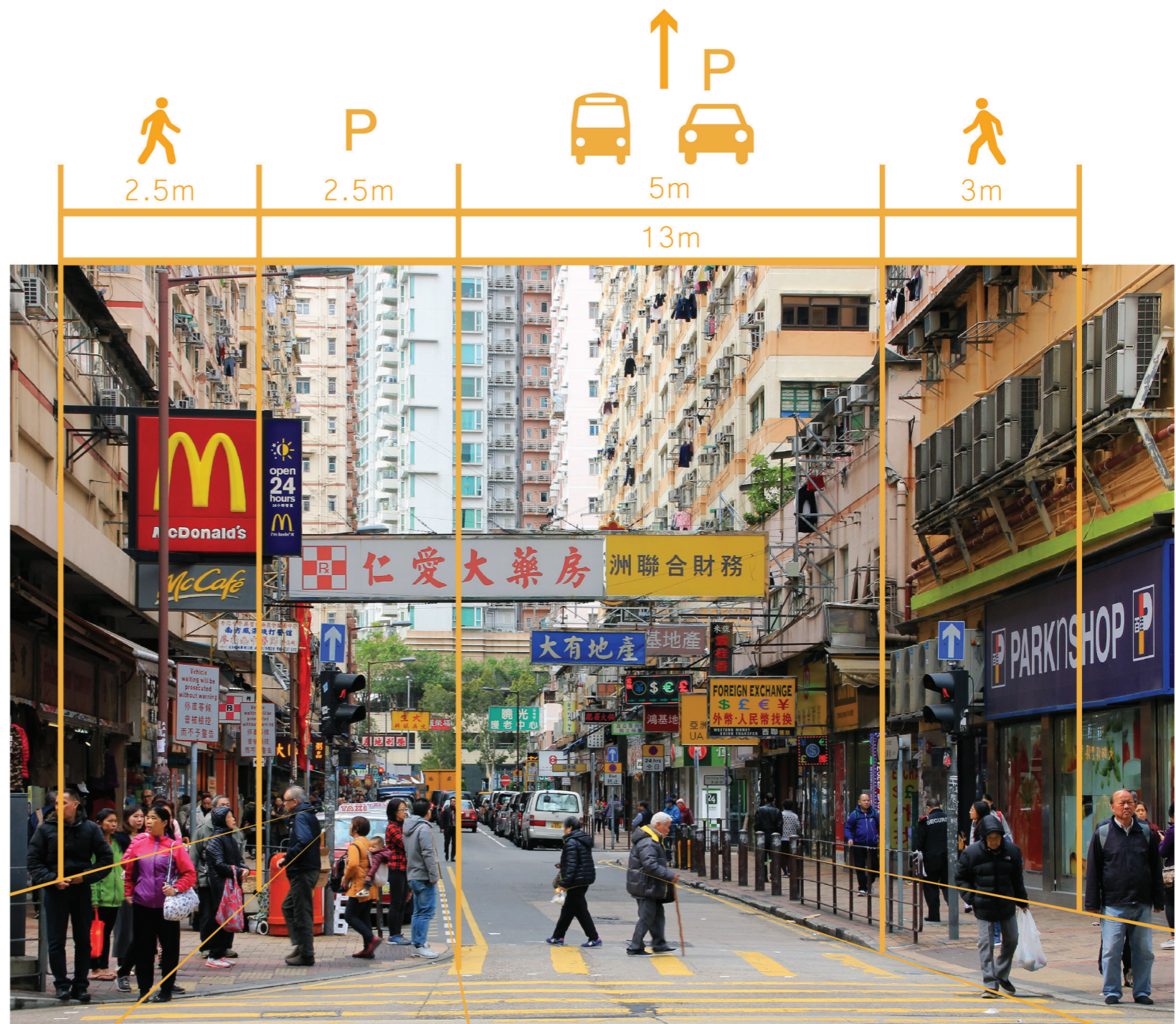
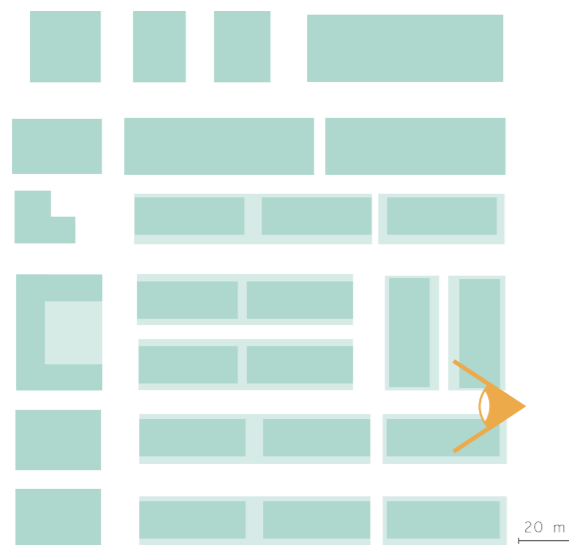
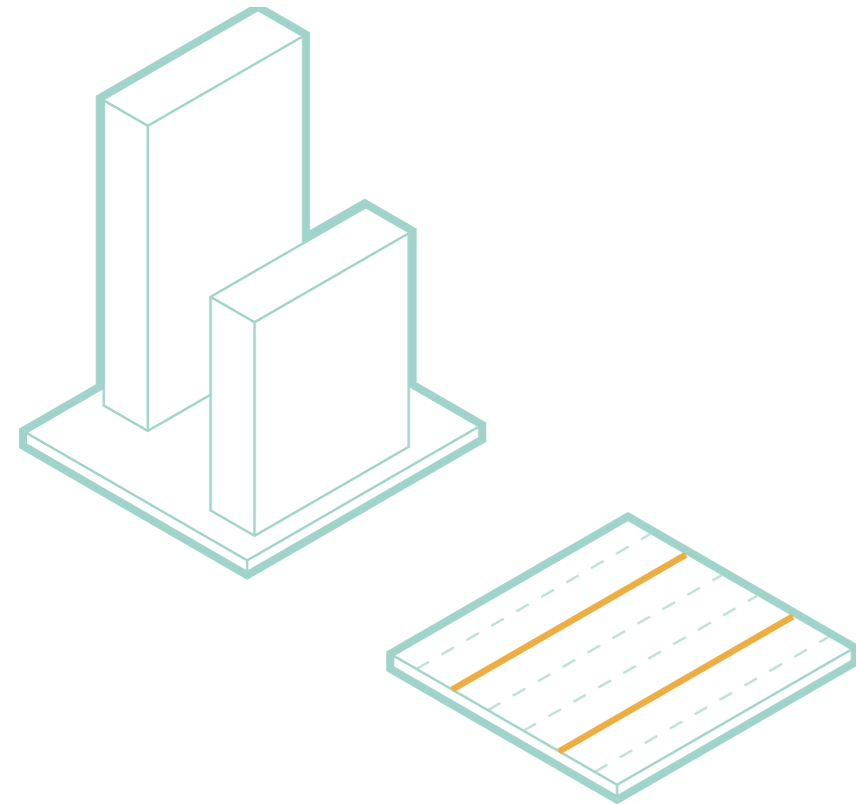
# VERKSTADSCATAN STOCKHOLM – SWEDEN



Original photo: Warm in the Winter

# IVY STREET

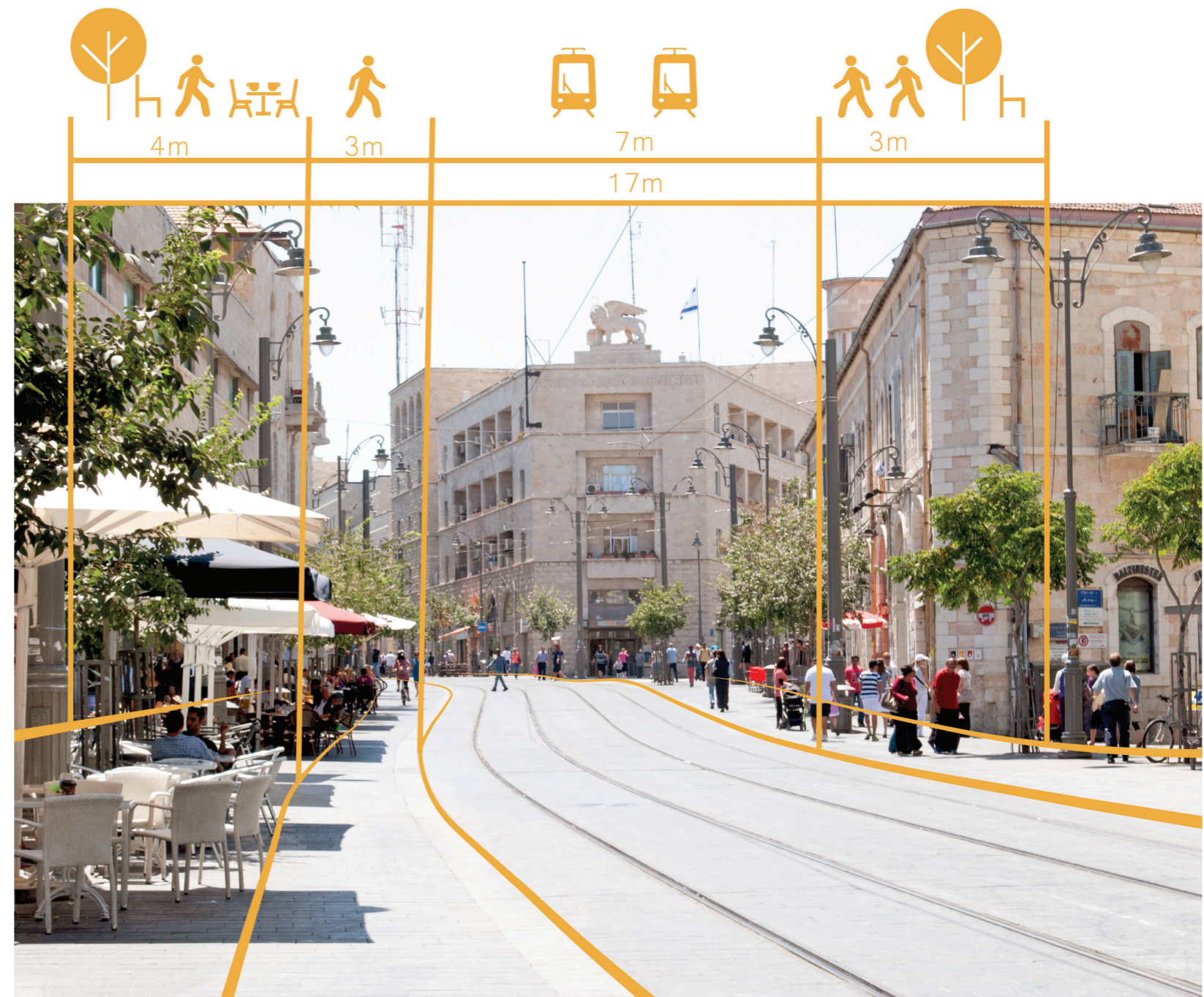
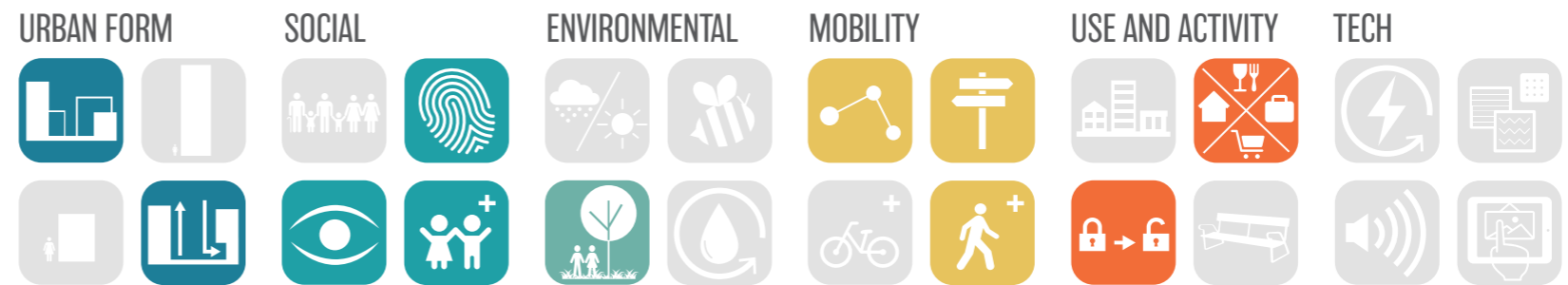
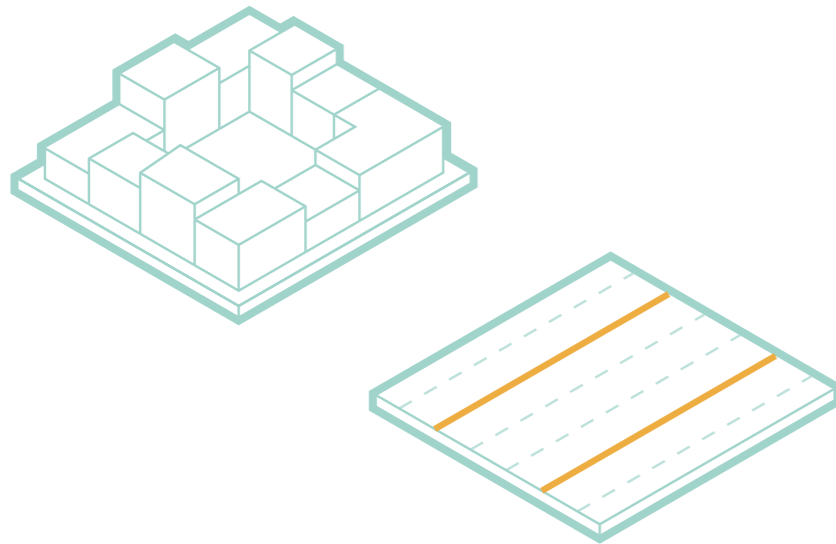
## HONG KONG – CHINA



Original photo: Uzenk Doenzek, stock photo from Unsplash

# JAFFA ROAD

## JERUSALEM – ISRAEL



Original photo: Warm in the Winter

# ACIAS SOFIAS

## THESSALONIKI – GREECE

### URBAN FORM



### SOCIAL



### ENVIRONMENTAL



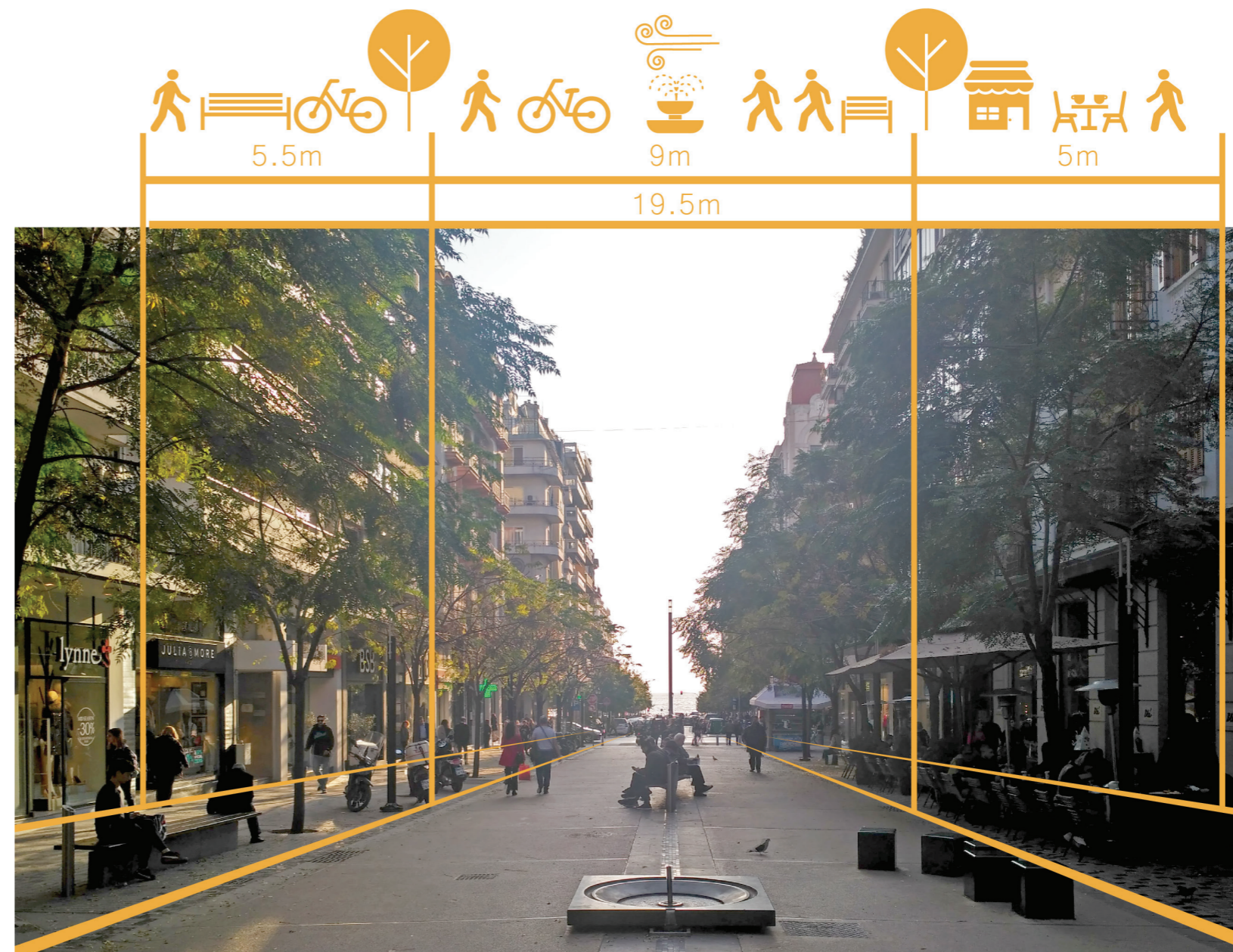
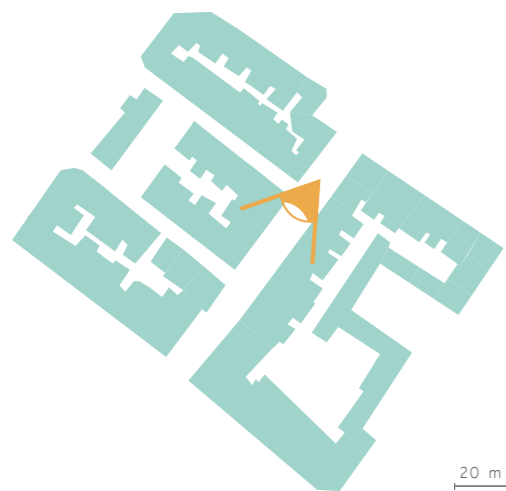
### MOBILITY



### USE AND ACTIVITY



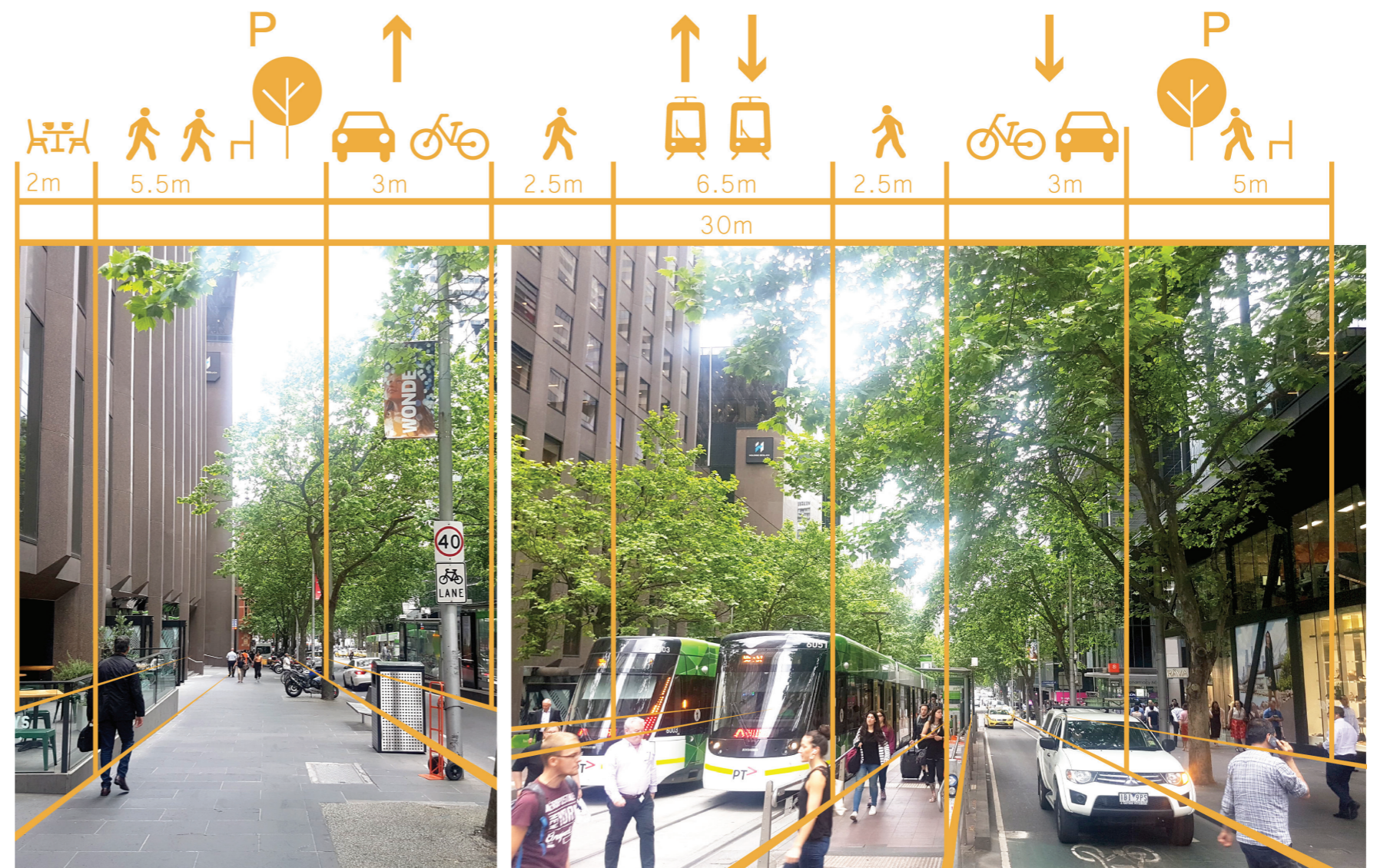
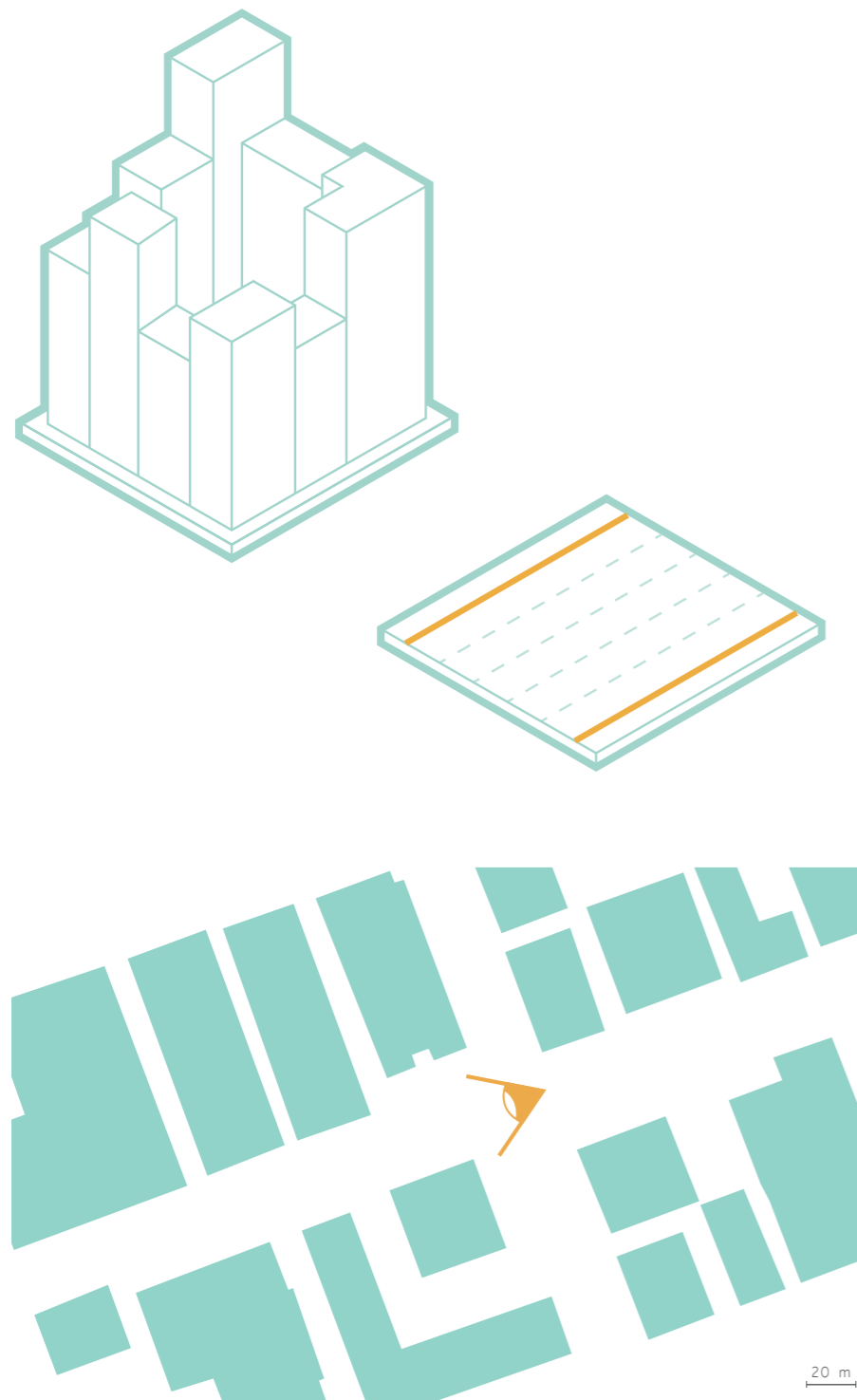
### TECH



Original photo: Antonios Synapalos

# BOURKE STREET

## MELBOURNE – AUSTRALIA



Original photo: Tom Brunner

Warm in the Winter

THANK YOU!

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