

SHARING CITY & TACTICAL URBANISM

How Smart City can
enable and promote
citizen participation
in a more interactive
way!

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Figure 1. The Application Interface (Image Source: pamono.eu, Modified by the author)

Where has it started?

01

What was my approach?

02

What the others have done?

03

What did I Propose?

04

Take Away

05

01

WHERE HAS IT STARTED?



Figure 2. The unused or underused spaces in Stuttgart (Source: author)

Research Questions

How to **revitalize** or use them **more properly**? Not only **urban planners** but also **non-skilled citizens**?

Not only improve **citizens participation** but also **involve** them in the **design process**?

Figure 3. Under the bridge in Stuttgart North (Source: author)



How to **reduce** the long **urban planning processes**?

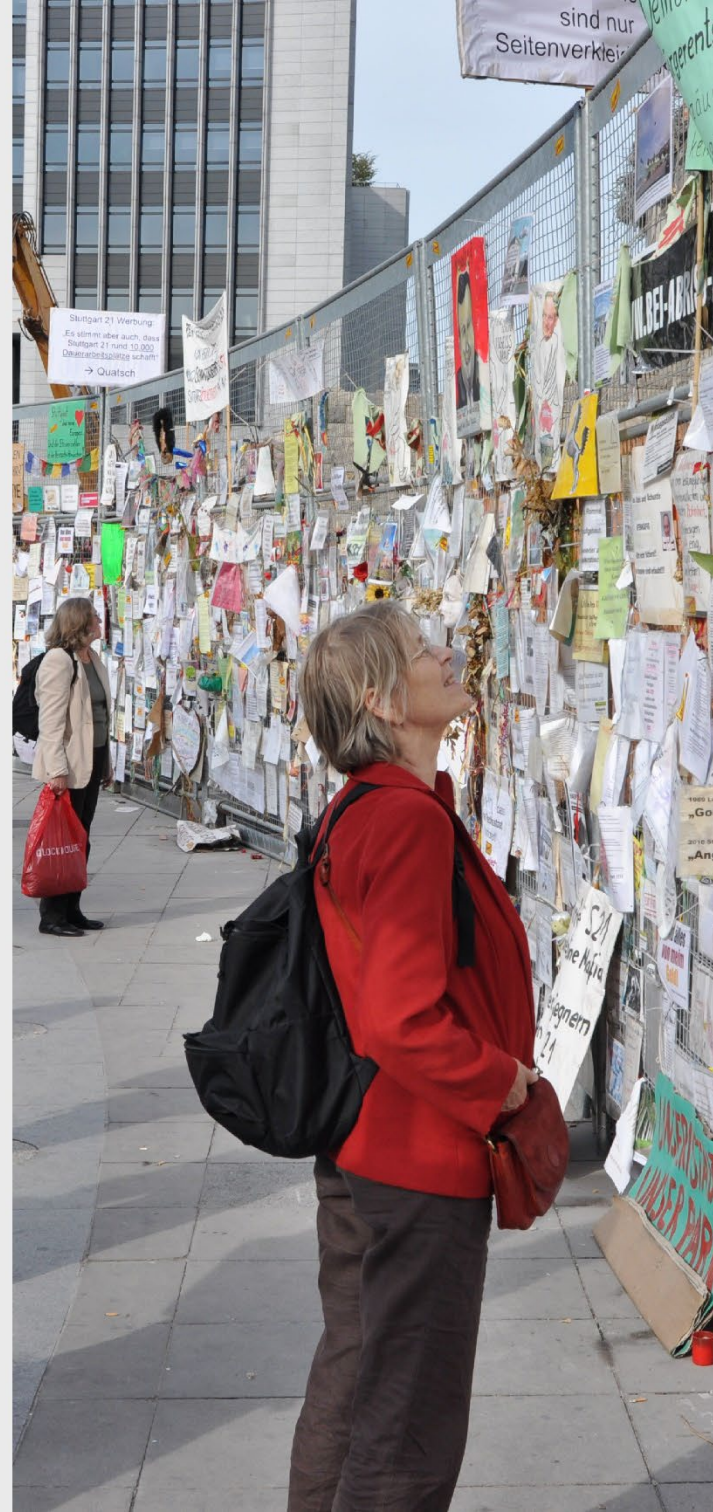
If **Sharing City** and **Tactical Urbanism** are possible solution? And, if yes, **how we use them**?

Research Objectives

Create a **direct connection** between the **government**, **citizens**, and **all stakeholders**.

A tool to design urban spaces **collaboratively**.

Figure 4. Stuttgart Hauptbahnhof, Protest (Source: wikiwand.com, Accessed on: 3 Jan 2023)



A platform in which they can find the **ongoing projects** in their **neighborhoods** and in the **whole City**.

A platform that they can **immediately**, **transparently**, and **explicitly** be in touch and communicate with each other.

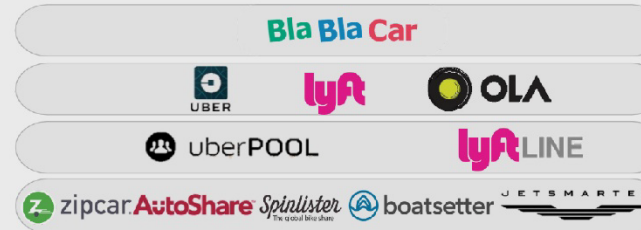
Sharing City

"Uber, the world's largest taxi company, **owns no vehicles**. Facebook, the world's most popular media owner, **creates no content**. Alibaba, the most valuable retailer, **has no inventory**. And Airbnb, the world's largest accommodation provider, **owns no real estate**."

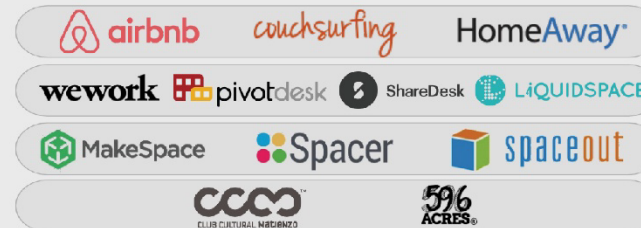
Tom Goodwin, 2015

A Shift from Ownership to Accessibility.

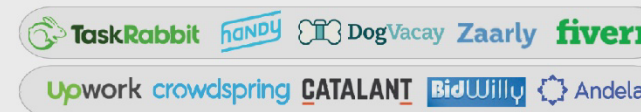
MOBILITY



SPACE



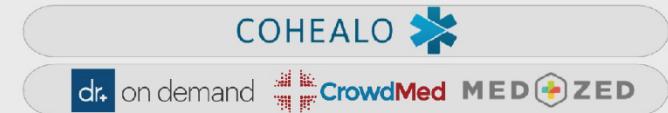
SKILLS



FINANCING



HEALTH



UTILITY



GOODS



FOOD



LEARNING



Figure 5. The key sectors of sharing economy in cities
(source: World Economic Forum, 2017)

Tactical Urbanism



Tactical Urbanism is all about **action**. A **citizen-led approach** to design neighborhoods.

using:

- **short-term**
- **low-cost**, and
- **Disposable**
- **Scalable**

interventions to catalyze **long-term change**.



Figure 6-7. Piazze Aperte (Source: city-today.com)

URBAN UNUSED SPACES

Vacant Urban Land, Northam

Lost Space, Tranvik

Waste Space, Lynch

Dead Zone, Doron

Junkspace, Koolhaas

Space of Uncertainty, Cuperus

Urban Void, Akkerman

Leftover Space, Samadi

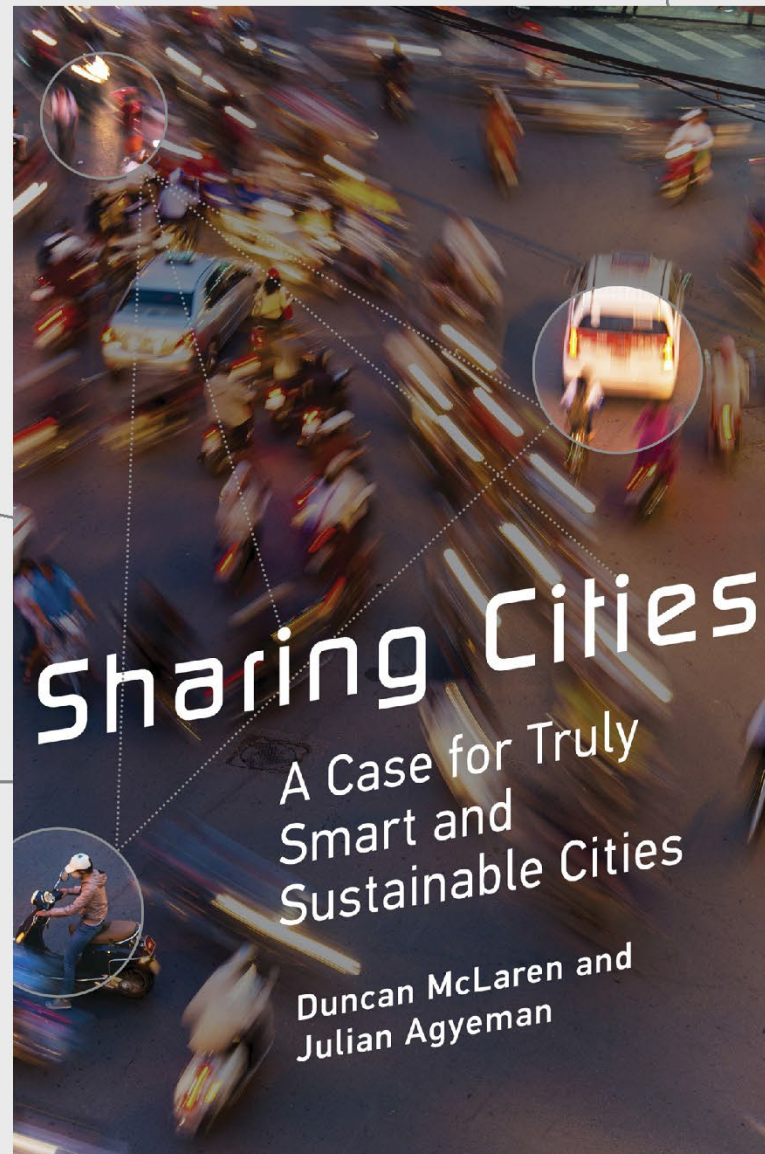
In-Between Space, Azhar

Drag Space, Leach

Jan Gehl

LIFE BETWEEN BUILDINGS

Using Public Space



SHARING CITY

TACTICAL URBANISM

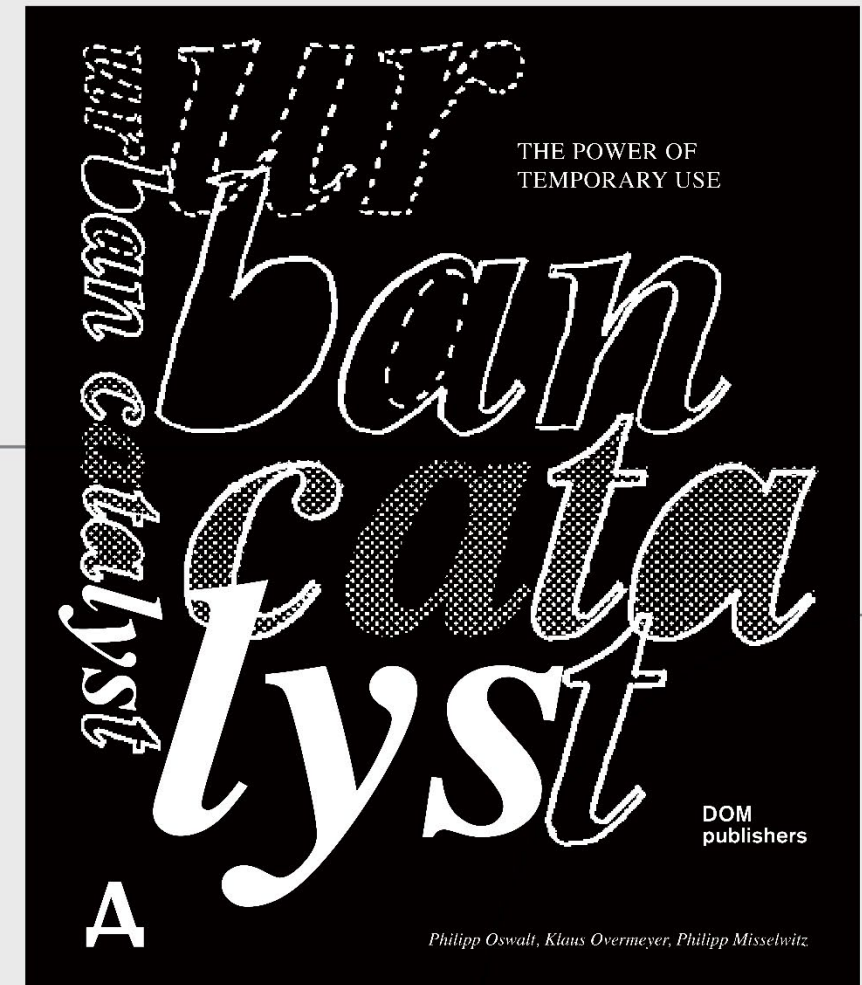
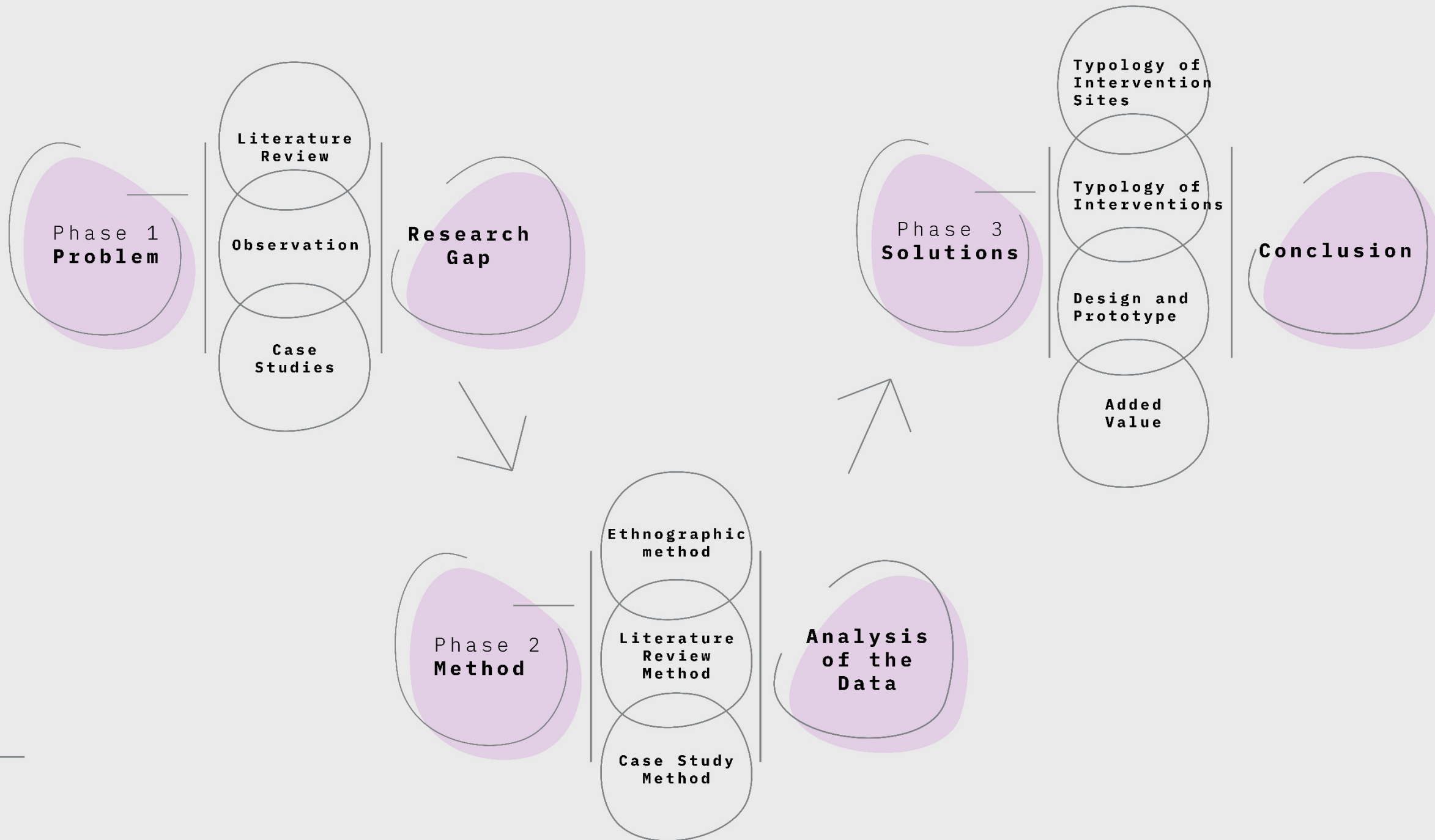
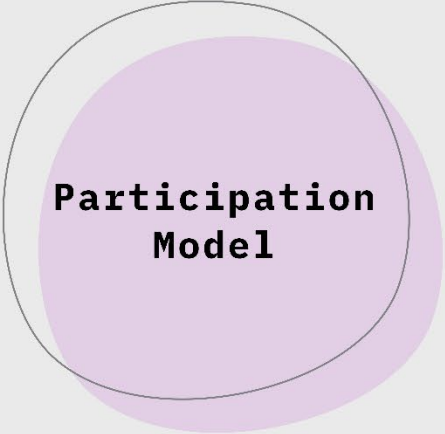
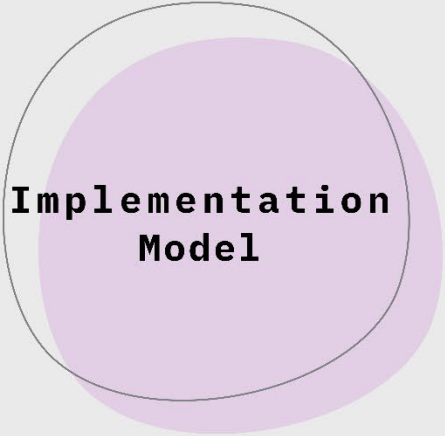
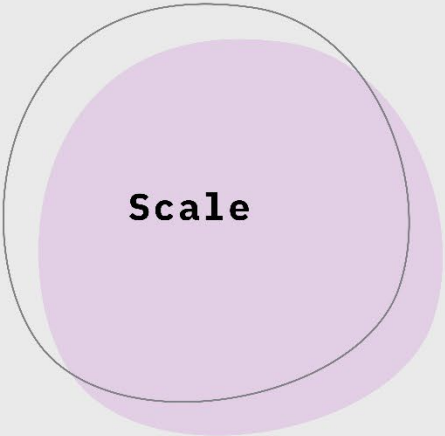


Figure 8. Literature Categories (source: Images are taken from the books)

WHAT WAS MY APPROACH?



Case Study - Logic



03 WHAT THE OTHERS HAVE DONE?

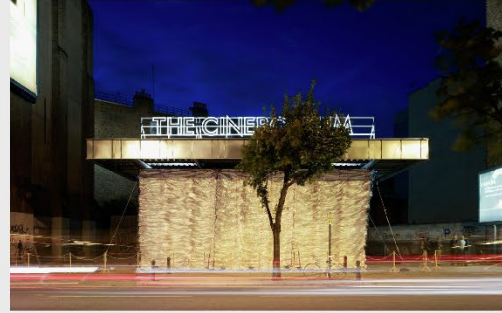
Park -
fiction



Folly For
a Flyover



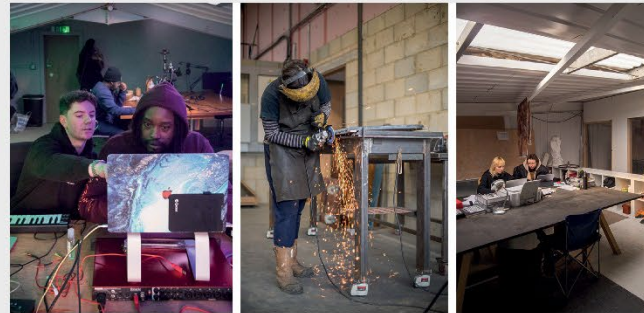
Cineroleum



Piazze
Aperte



Domeview
Yard



Prinzessin-
nengarten



Figure 9. Selected Case Studies (Source: The images are taken from the project's websites)

Figure 10. Stuttgart Marktplatz, 1881 (Source: flickr.com)



Stuttgart Transition

Figure 11. Stuttgart Marktplatz, 1935 (Source: maille-hausverwaltung.de)



Figure 12. Stuttgart Marktplatz, 1960s
(Source: stuttigarter-zeitung.de)



Figure 13. Stuttgart Marktplatz, 2017 (source: stuttgart-meine-stadt.de)



Typology of Sites

**Space
Type**

**Charac-
teristics**

Status

**Use
Frequency**

**Potential
Use**

Examples

Scale

Image

Natural /
Semi natural
urban

Open to all,
indirect re-
lationship to
place of res-
idence, spa-
tial dimen-
sion of the
concrete num-
ber of users

State
Owned

Seasonal,
Depend on
Weather,
Relatively
depends on
the location

Activates
public spaces
with physical
installations
and perfor-
mances by lo-
cal residents
and artists.

Neckar River,
Wasen
Festival's
site in Bad
Cannstatt

Micro/
Macro



WHAT DID I
PROPOSE?

Aestheticlal

Utility

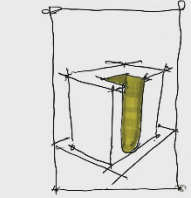
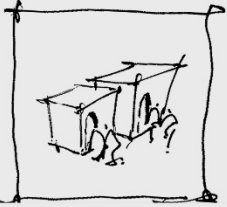
Educational

Commercial

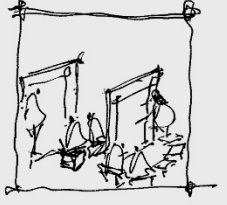
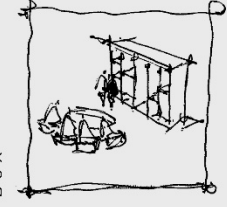
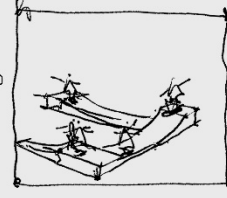
Leisure

Socio-
Cultural

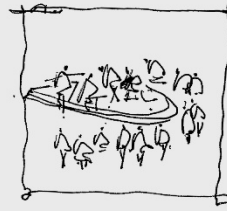
Color

Public
Toilet

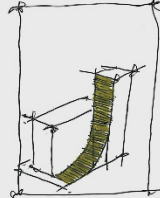
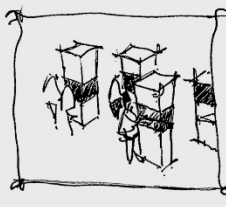
Group Studio

Food Vendor
BoxSkate
Surfing

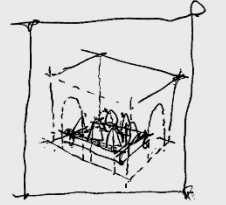
Open Theater



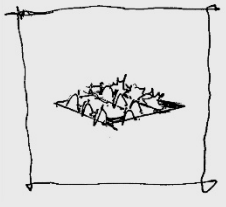
Pattern

Street
Gallery

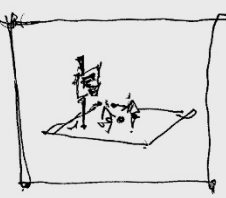
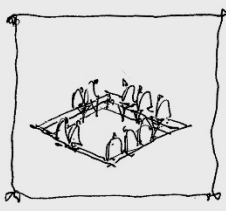
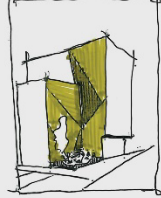
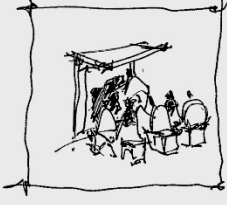
Co-Working



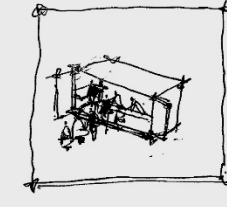
Group Eating



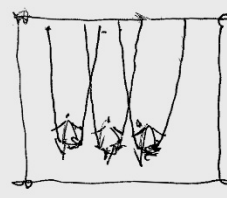
Sportsground

Community
GatheringSculpture /
InstallationOutdoor
Classes

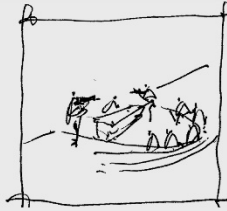
Coffee Box



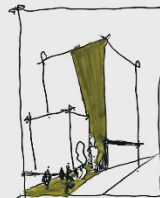
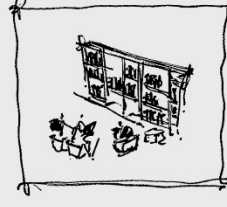
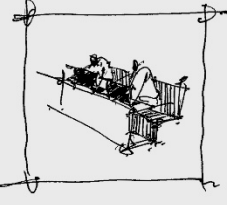
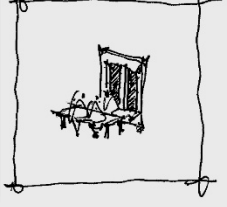
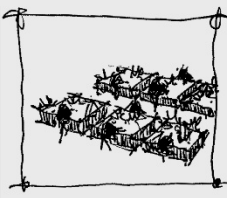
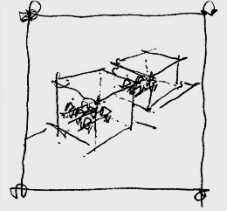
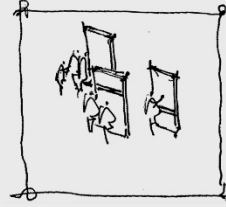
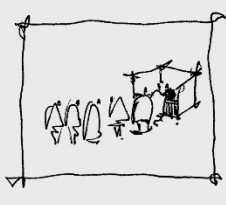
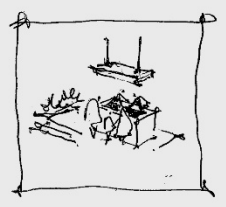
Swing Set



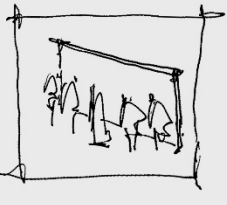
Street Music



Street Mural

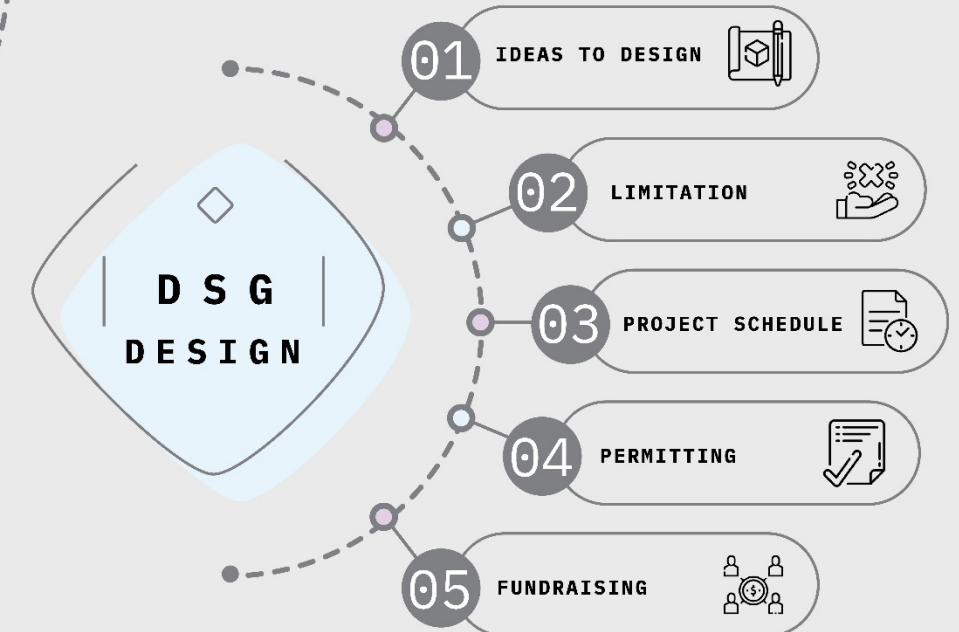
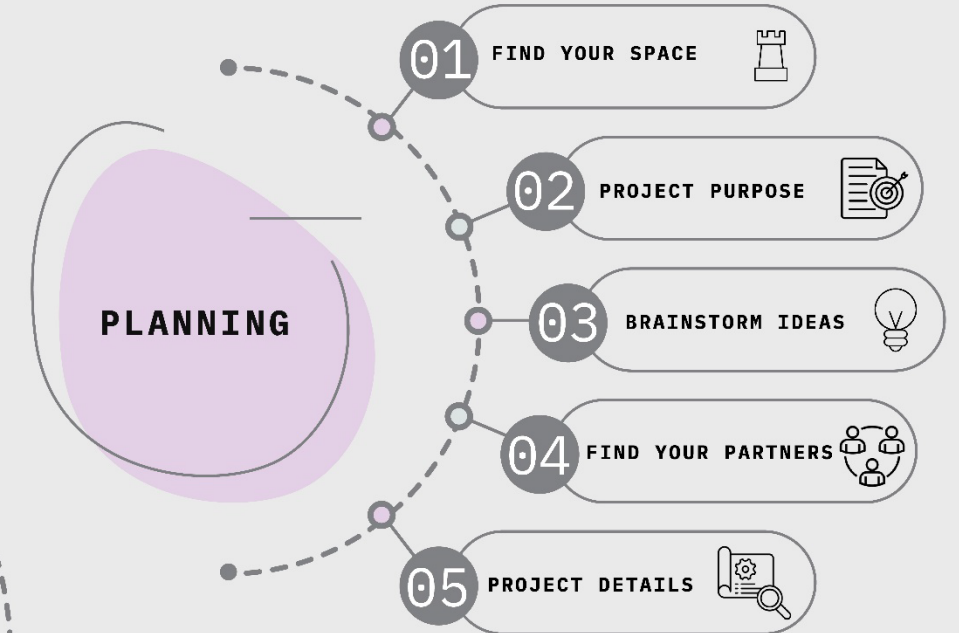
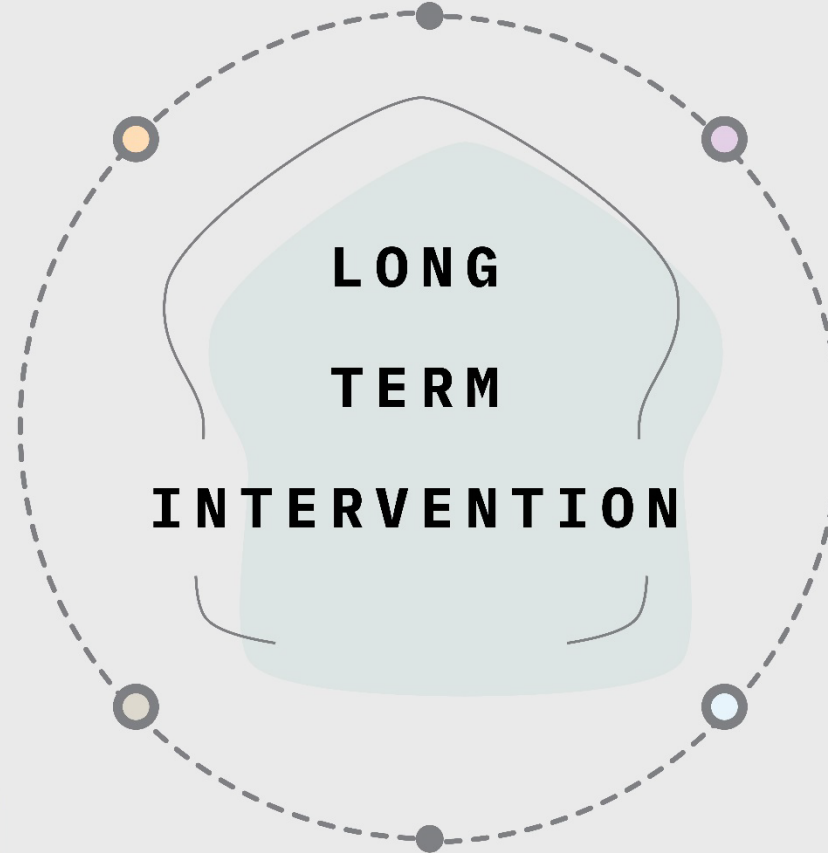
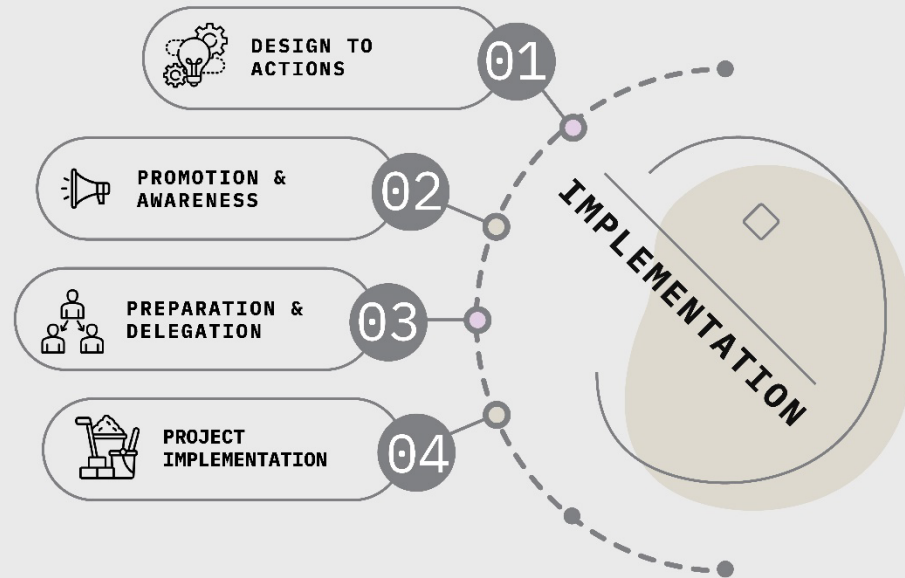
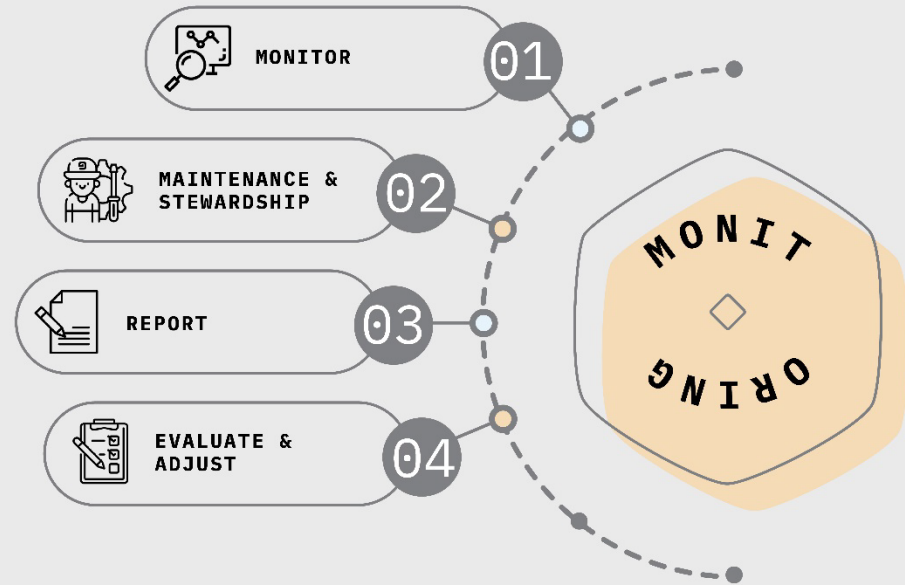
Street
LibraryWorking
StationStreet
PlatformCommunity
GardenngvGroup
Meeting BoxAdvertisement
WallTicket
CenterRetail
Vendor

Digital News



Typology of Interventions

Intervention Process





04

Invited Participation Vs.
Created Participation

03

Millennials and
Generation Z

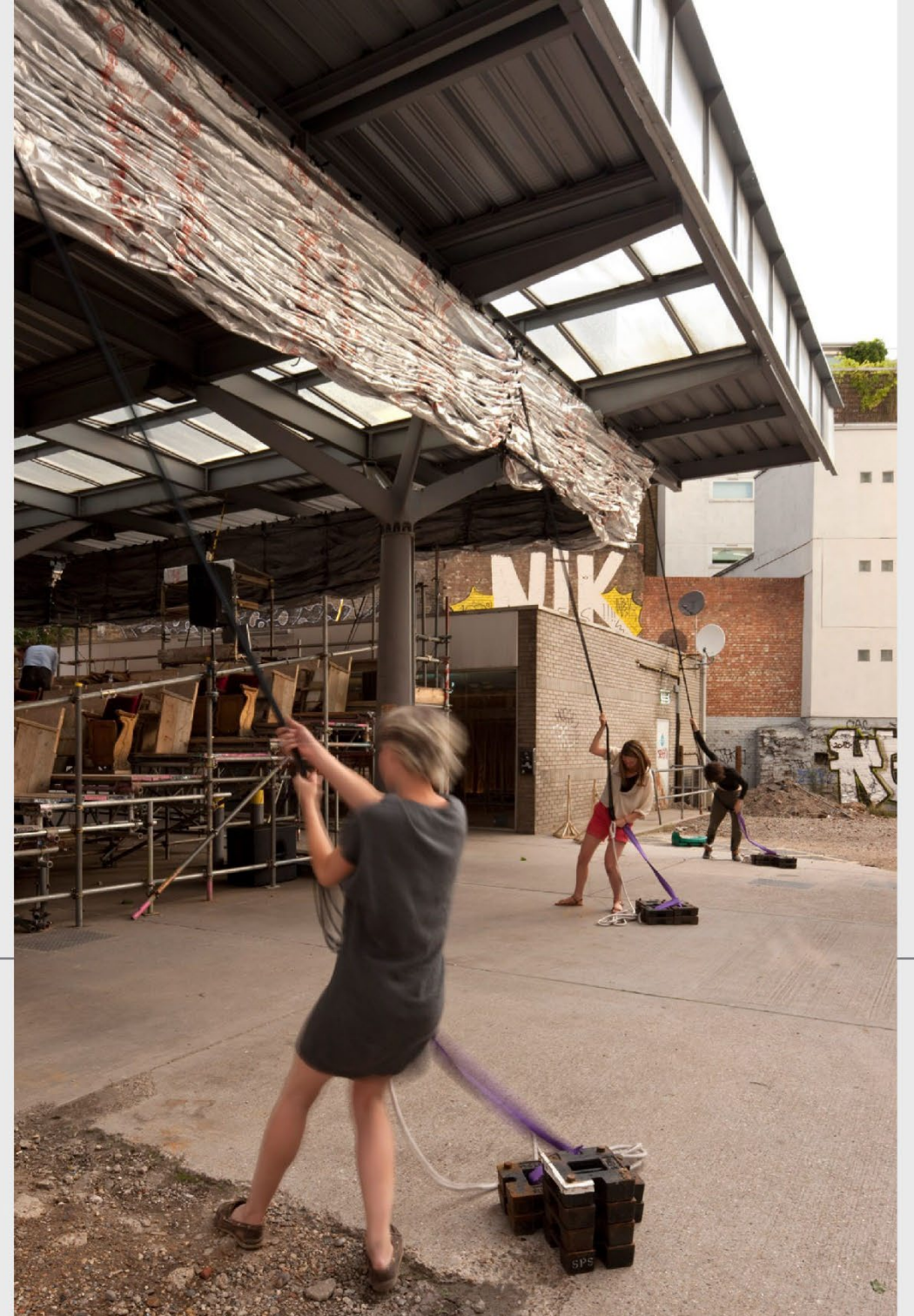
02

Fast-Changing
Urban Fabrics

01

Shift from **ownership**
to **accessibility**

Figure 14. Community Volunteers, The Cineroleum (Source: assemblestudio.co.uk)





"Cities have the capability
of **providing something for
everybody**, only because,
and only when, **they are
created by everybody**."

Jane Jacobs

THANK
YOU

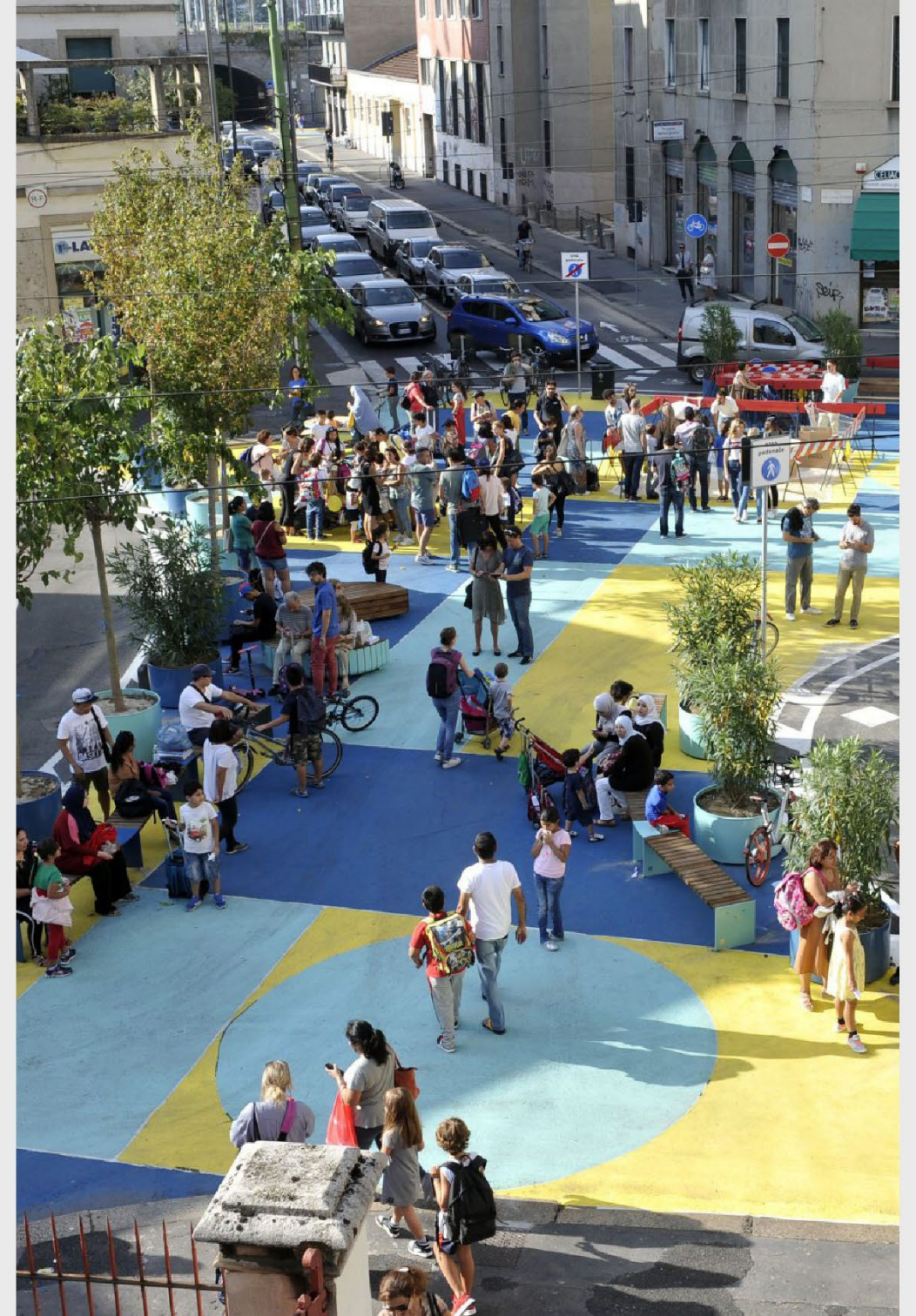


Figure 15-16. Piazza Aperte (Source: city-today.com)