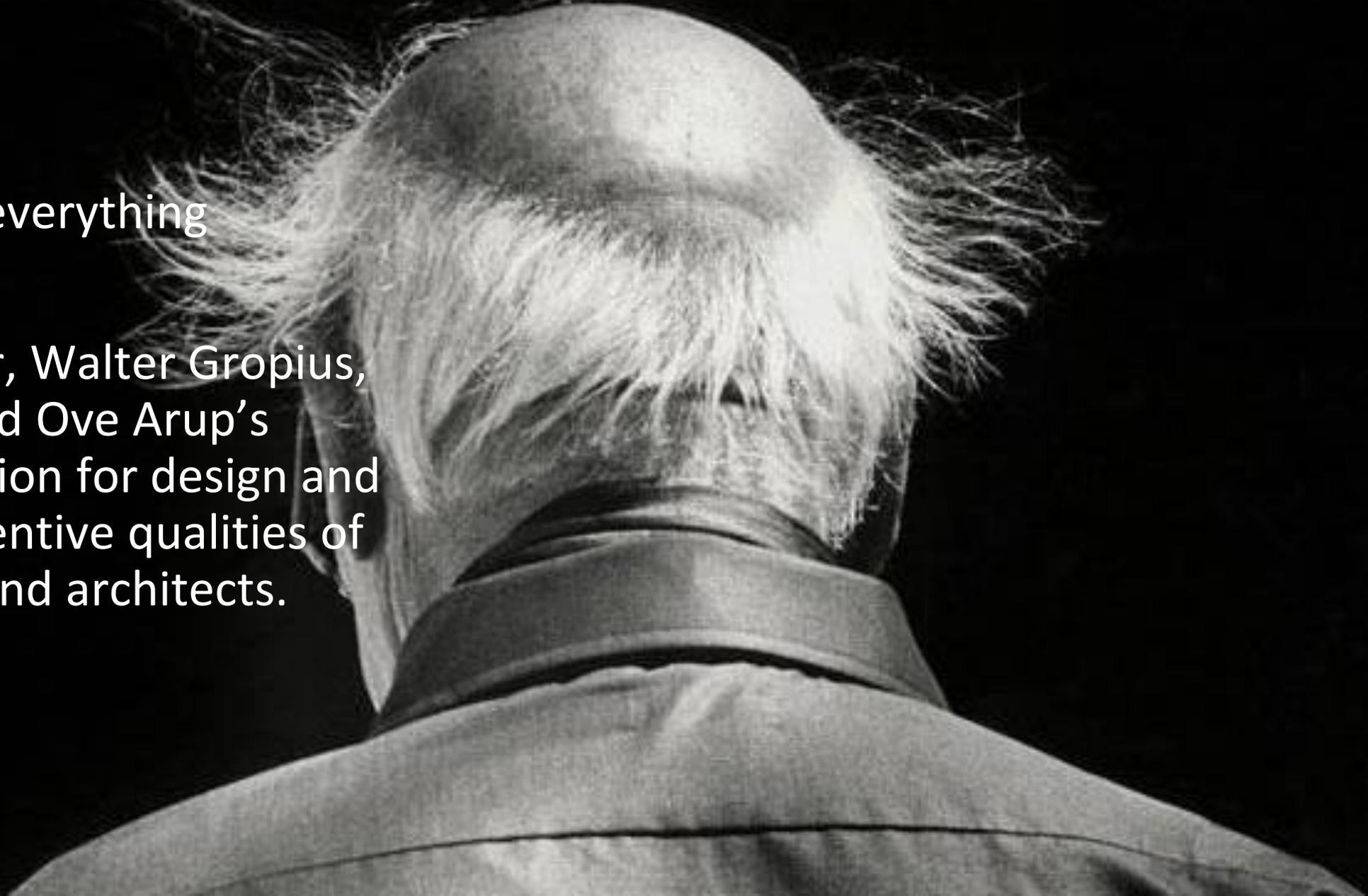


# New European Bauhaus and Sustainable Cities

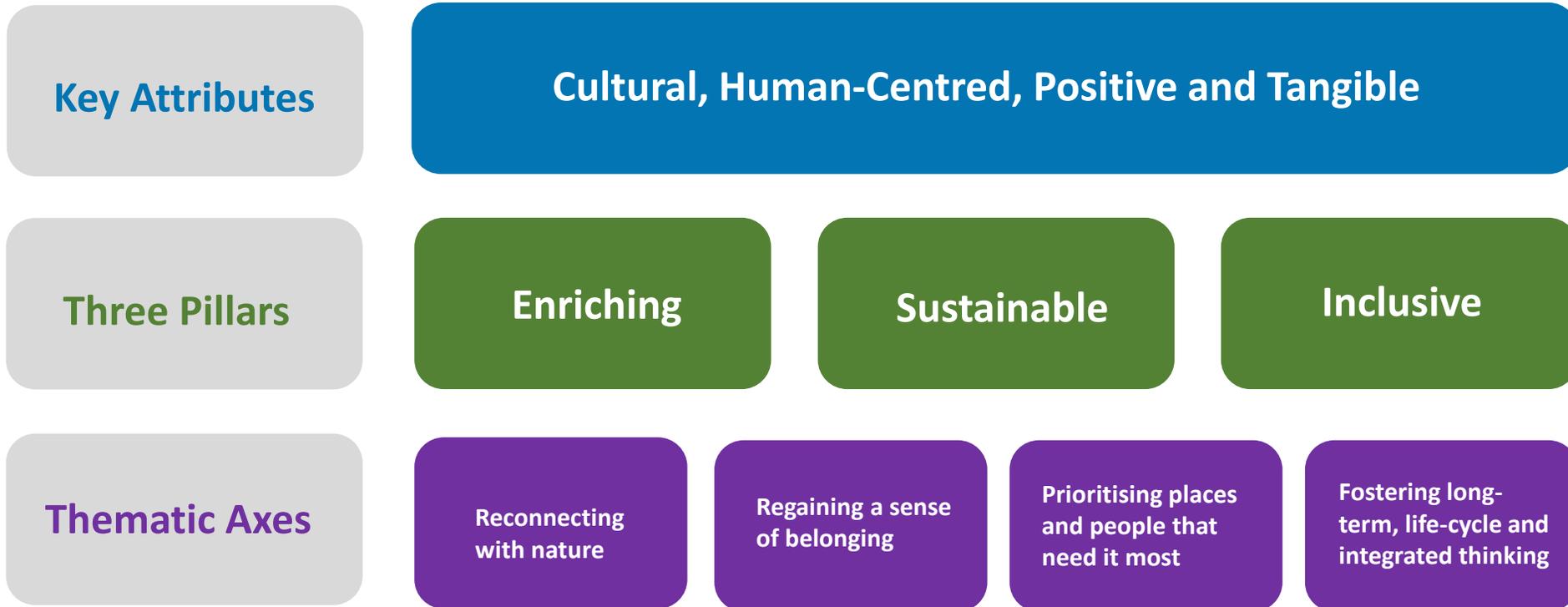
Lean Doody, Arup  
Director Cities, Planning & Design, Europe

# Arup and Sustainable Cities

- Sustainability is everything
- Bauhaus founder, Walter Gropius, greatly influenced Ove Arup's team-spirited vision for design and the creative, inventive qualities of both engineers and architects.

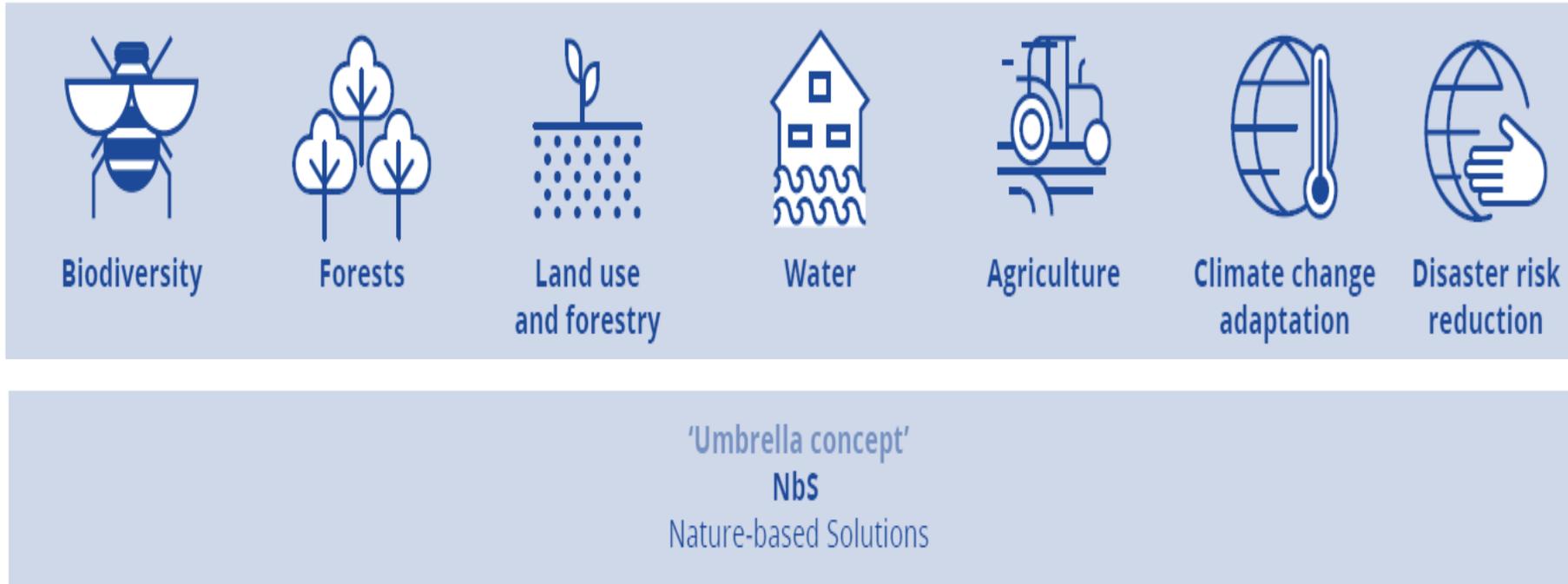


# New European Bauhaus



source: European Commission

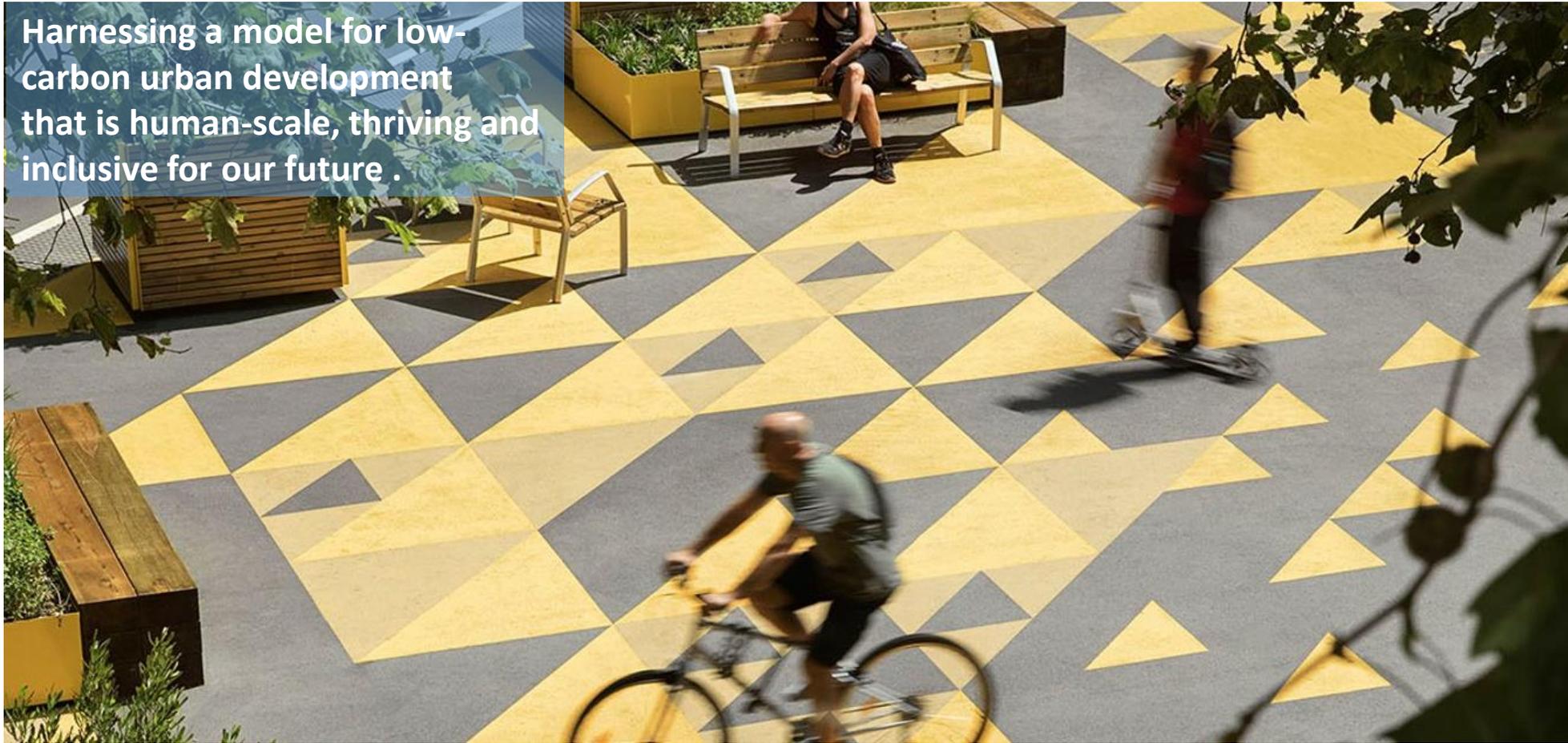
# Theme 1: Enriching



Nature-based Solutions for climate change adaptation and disaster risk reduction can be considered an 'umbrella concept' encompassing a range of established nature-based approaches, which aim to increase resilience to climate change.

# Green and Thriving Neighbourhoods | C40 & Arup

Harnessing a model for low-carbon urban development that is human-scale, thriving and inclusive for our future .



# Green and Thriving Neighbourhoods | C40 & Arup

A guidebook was developed that outlines ten approaches for achieving green and thriving neighbourhoods.

1. Complete neighbourhood
2. People centred mobility
3. Connected place
4. A place for everyone
5. Clean construction
6. Green buildings and energy
7. Circular resources
8. Green & nature based solutions
9. Sustainable lifestyles
10. Green economy

A strategic development pathway activates the outlined approaches.

1. Prepare the project
2. Establish a baseline
3. Set the vision
4. Determine the actions
5. Plan to implement

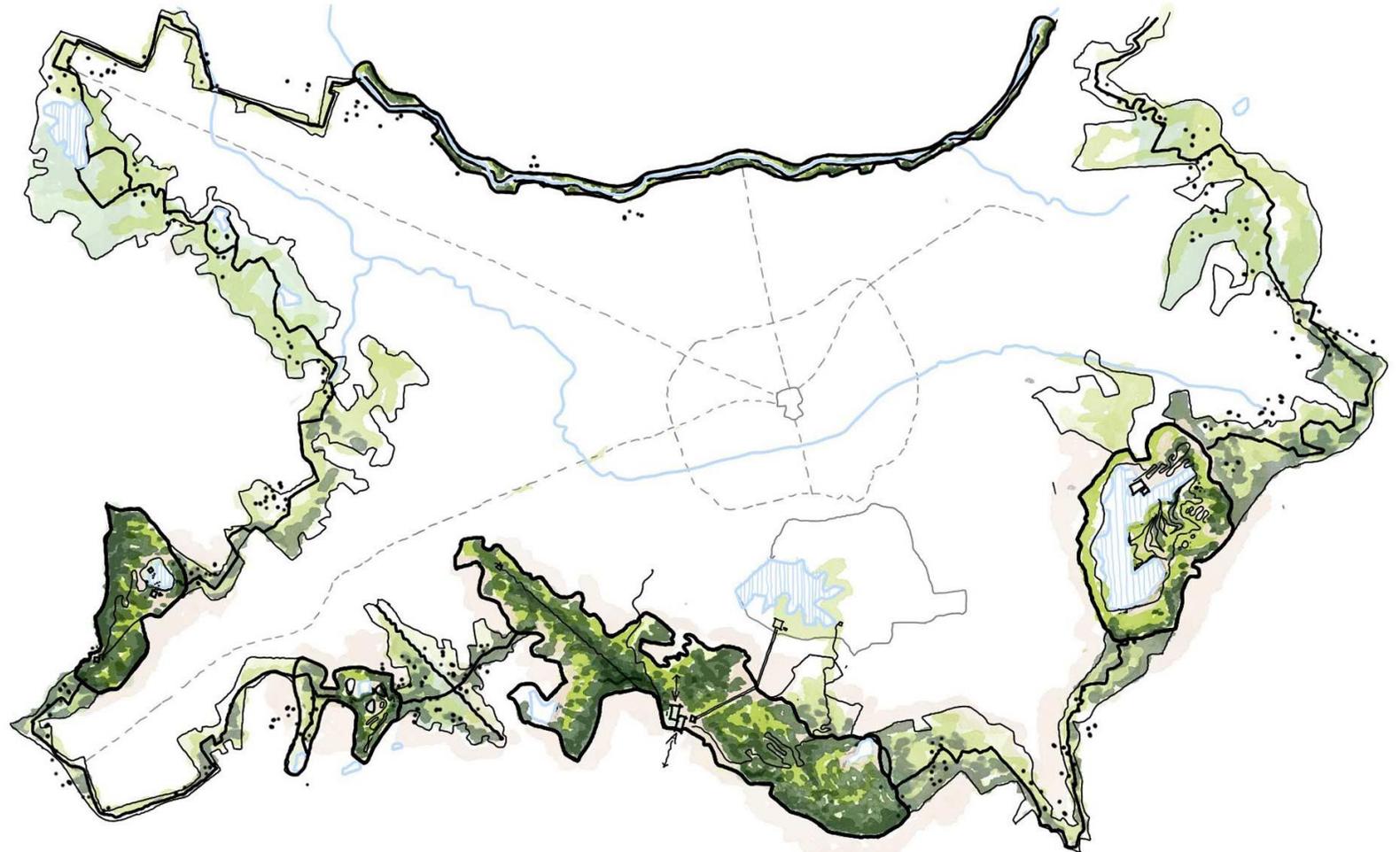
# Tirana Orbital Forest | Tirana, Albania

A project that addresses the need for greening in Tirana, in response to issues such as poor air quality, flood resilience and urban heat.

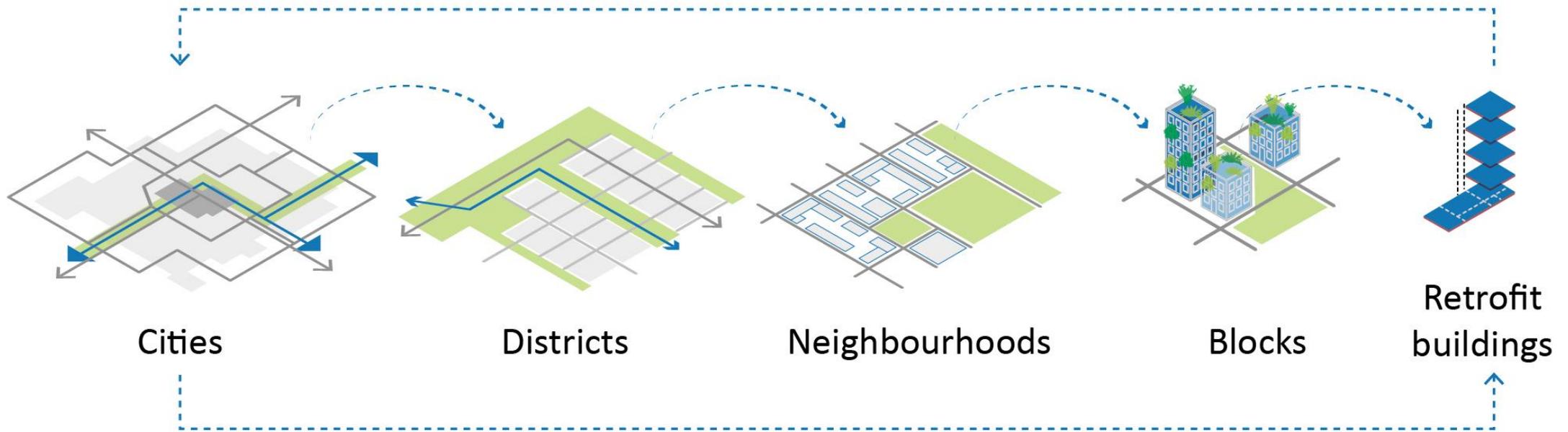


# Tirana Orbital Forest | Tirana, Albania

- Looks to demonstrate the value of investing in green infrastructure or NbS for resilience
- A proposed ring around the urban perimeter of the city with a mix of forests, shrubland, agricultural land and recreational areas
- Key principles:
  - to protect existing landscapes
  - connect people and ecology
  - restore degraded landscapes and habitats
  - provide places for people



# Theme 2: Sustainable



# L'Innesto Milan | Europe



# Supernova | Pavia, Italy

## The project at a glance

A former industrial site regeneration – Supernova mixed-use masterplan.



# Supernova | Pavia, Italy

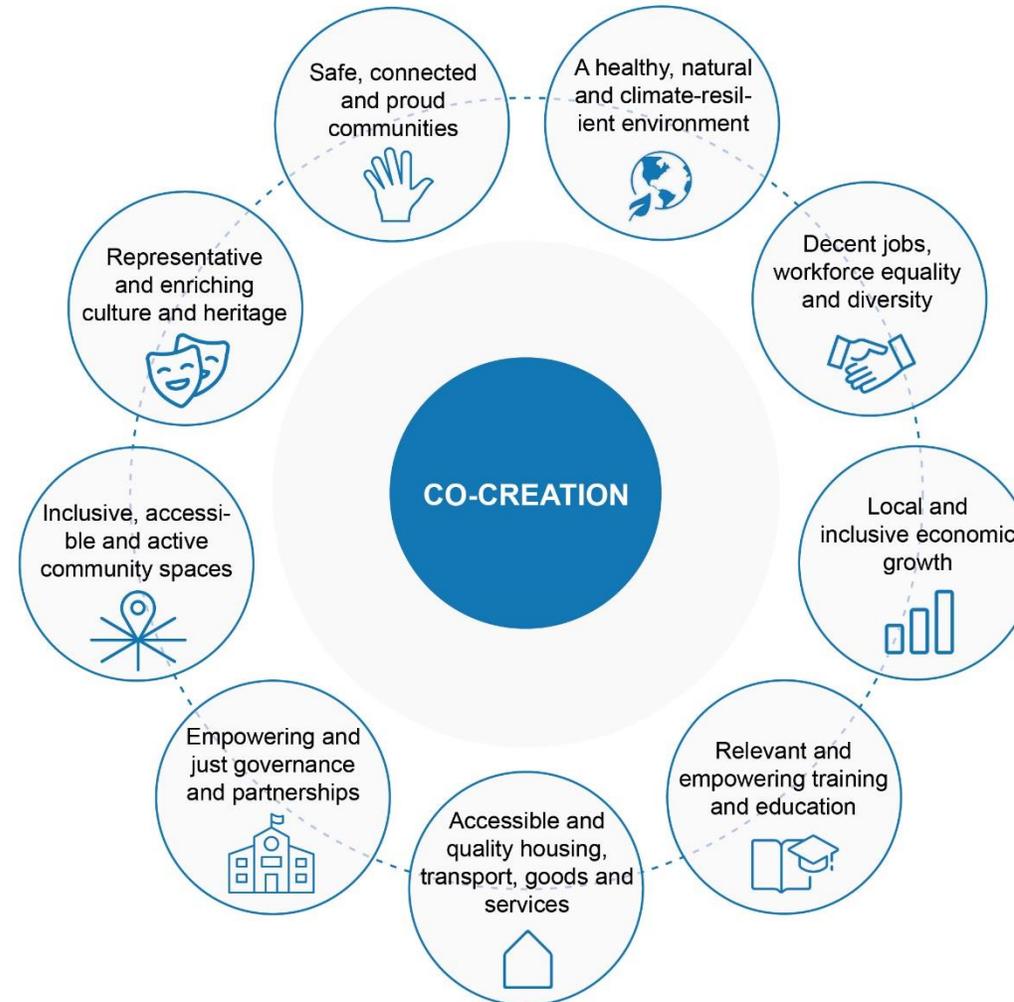
## What we did and how

- Retrofitting of former industrial buildings for public purposes
- Creating gathering spaces for local community (community gardens, active public plazas with seasonal program offer, spaces for different age group population)
- Bringing new attractive commercial function in order to re-activate abandoned site



# Theme 3: Inclusion

Arup believes that co-creation process is the enduring and systemic change created within communities that leads to improved quality of life for individuals.



# Cankaya Healthy Streets Project | Ankara, Turkey

The project at a glance

A city for everyone:  
sustainability and inclusion drive the  
downtown Ankara redesign vision.



# Cankaya Healthy Streets Project | Ankara, Turkey

## What we did and how

- Community involvement & trainings
- Collaboration workshops with Municipality
- Co-inclusive design with inhabitants
- Safe and accessible public spaces for all
- Coinherence with UNSGD's goals
- Gender equality & social inclusion



# Reclaiming Play in Cities | Rogoredo, Milan, Italy

## The project at a glance

A pilot project within the neighbourhood to experiment the creation of the first Milan Play Street.

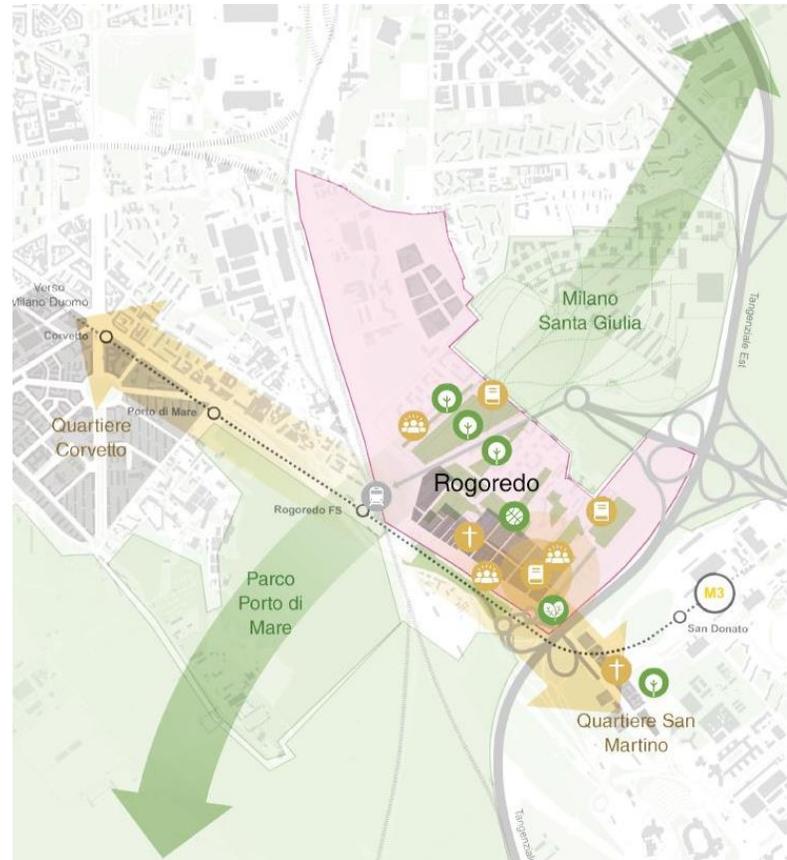




# Reclaiming Play in Cities | Rogoredo, Milan, Italy

## What we did and how

- Global non-profit coalition
- Research's participated process
- Opportunities and criticalities of play in Rogoredo neighborhood
- Guidelines to increase the role and value of play for children and all the community
- Community engagement activities, such as surveys, interviews, focus groups, workshop etc.





# Thank you!

Lean Doody, Arup  
Director Cities, Planning & Design, Europe

[Lean.doody@arup.com](mailto:Lean.doody@arup.com)



Free public Wi-Fi

RE EQUIPMENT

Advertisement poster with a red background and a white hand icon. The text is partially obscured but appears to be related to public health or safety.

Advertisement poster with a light blue background and a white hand icon. The text is partially obscured but appears to be related to public health or safety.

We're providing free hand sanitiser at ticket halls and stops across our public transport network. Please continue to wash your hands before and after you travel.

Let's make sure every journey matters  
#LondonTogether

1000 HAND SANITISER STATIONS

TRANSPORT FOR LONDON  
EVERY JOURNEY MATTERS

SOUTH KENSINGTON

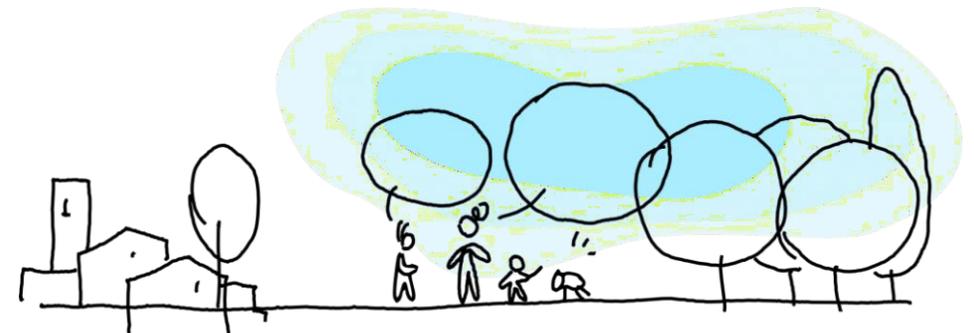
Stretch your legs  
Bike it. Walk it. Let's  
#LondonTogether

MAYOR OF LONDON



# New European Bauhaus

- A creative and interdisciplinary initiative that connects the European Green Deal to our living spaces and experiences
- It aims to bridge the world of science and technology, art and culture and to leverage our green and digital challenges to transform our lives for the better
- It is an invitation to address complex societal problems together through co-creation.
- Three leading values:
  - **Enriching** - inspired by art and culture, responding to needs beyond functionality
  - **Sustainable** - in harmony with nature, the environment, and our planet
  - **Inclusive** - encouraging a dialogue across cultures, disciplines, genders and ages
- Three key interconnected transformations:
  - Of **places** on the ground
  - Of the **environment** that enables innovation
  - Of our **perspectives** and way of thinking



New European Bauhaus  
beautiful | sustainable | together