Masterclass: Accelerating Zero-Carbon Urban Transformation

21 June 2023

C40 Reinventing Cities

Urban Future.
Stuttgart 23

Haleco, Montréal
01. Reinventing Cities model  
Hélène Chartier & Costanza de Stefani  
C40 Cities

02. Reykjavik: Reinventing Cities experience  
Dagur B. Eggertsson | Mayor of Reykjavik

03. Oslo: Reinventing Cities experience  
Marielle Øverby | Oslo City Real Estates Agency

04. Importance of public-private collaboration  
Margarita Chiclana | CEO Unexum Real Estate

05. Private owner: Reinventing Cities San Francisco  
Linda Cordoba | IKEA Network Leader Strategic Development & Innovation

06. How can cities join?  
C40 Cities

07. Discussion + Q&A
C40 Cities

C40 is a network of mayors of nearly 100 world-leading cities collaborating to deliver the urgent action needed to confront the climate crisis and to create greener and fairer urban spaces.

Directly representing 582 million residents and 20% of the global economy
Why do cities and the built environment matter?

55% of the world’s population lives in cities

Cities consume around 75% of the world’s energy

Buildings account for 50% of cities emissions

Average annual energy retrofit rates in buildings are currently less than 1%
Cities are where the solutions lie...

- It is urgent to harness a model for low-carbon and inclusive urban development

- **Density** plays a key role in creating a green way of living and a better quality of life

Zero carbon & resilient urban regeneration projects must become the new norm
Why Reinventing Cities?

- Global competition to stimulate sustainable development and **innovative solutions to environmental and urban challenges**.

- Create a space where **cities and businesses can collaborate** for zero-carbon urban regeneration.

- **Transform vacant or underutilized sites** into sustainable and community-focused projects.
How it works

Cities/partners propose underused sites, ready for redevelopment

C40 organises the global call for projects

Creative teams present their best proposals to redevelop the site

Low-carbon urban regeneration & innovative solutions for a green and just future
Benefits for cities

- **Create** lighthouse projects that inspire for **wider change**
- **Implement & demonstrate** your city’s climate objectives & commitments
- **Provide** international **exposure** to your local urban projects
- **Drive** collaboration between **private, public sector & local communities**
- **Attract** investment and talent & **foster** innovation
Overview of the previous editions
Participating cities

• 19 cities globally
• 38 projects currently under development
Reinventing Cities already involved 3500+ businesses & organisations across the world
A tool for urban regeneration

- Reactivate empty buildings
- Foster clean construction
- Promote green mobility
- Create green & thriving public spaces
- Develop affordable housing & promote inclusion
- Generate green services & jobs
A catalyst for change

- Mobilize and train the industry
- Develop lighthouse projects that serve as replicable models

1st zero-carbon high rise building in Chicago & 100% social housing
1st zero-carbon neighbourhood project in Paris
1st zero-carbon social housing project in Italy
Largest urban solar Farm in the US (built on a landfill)
Competition process & framework
• Common objectives: **10 climate challenges** that the teams are invited to address in the proposal.

• In addition, teams must follow **specific requirements** defined by the city.
Criteria

- Relevance of the project to the **specifics of the site**
- **Strategy to minimise carbon emissions** & solutions to address the 10 Climate Challenges
- **Suitability of the team**
- Soundness of the **business model** and **legal/financial agreement**
Flexible and Adaptable Model

Regulations & Guidance

City-specific Requirements
A two-Phase Competition

Phase 1

Expression of Interest

Teams are expected to present a “light” proposal:
- Description of team
- Presentation of project & development concept

Phase 2

Final Proposal

- Detailed project (including design, uses, environmental performance etc.)
- Financial offer to buy/lease the site & business plan
- Monitoring protocol

Selection of 1 winning team per site
Participating teams

Reinventing Cities aims to encourage **new types of collaboration** between actors to create innovative urban projects.

- **Multidisciplinary teams** including architects, planners, environmental experts, community groups, developers, start-ups etc.
- Include at least an **architect/planner & environmental expert**
- Have **financial capacity** to implement the project
Examples of sites to redevelop

- SMALL PLOT
- NEW DEVELOPMENT AREA
- CAR PARK
- FORMER LANDFILL
- DYSFUNCTIONAL SQUARE
- INFILL
- DISUSED FACTORY
- DISMISSED RAIL YARD
The Sites

<table>
<thead>
<tr>
<th>Number &amp; typology</th>
<th>Specifics of the project</th>
<th>Property &amp; Transfer</th>
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</table>
| • Each city/site owner can propose **1 or more sites.**
  • Sites can be **very diverse:** from existing buildings to brownfields, small plots or large sites. | In addition to C40’s guidance, **each city/site owner defines specific objectives** and expectations for the site's redevelopment. | • The site owner can be the **city itself, but also another entity** that can be both private/public.
  • The site owner defines the **type of agreement** to be established with the winning team at the end of the competition. |
After the competition process, each city/site owner finalises the agreement with the winning team, in line with local laws and regulations.

The winning team will then implement the project.

The implementation model can be adjusted by each city.
Design competition for public spaces: The Sao Paulo example

Reinventing Cities in Sao Paulo was part of a wider scheme to transform public spaces; comprising 4 key areas and squares within the city centre.

DIFFERENT MODEL

- The City of São Paulo will finance the implementation of the winning projects.
- Winning projects are expected to be completed by July 2024.
Reinventing Cities
Reykjavik

Dagur B. Eggertsson | Mayor of Reykjavik
Reykjavik participation

Participated twice and has offered **4 sites** in the competition

- Ártún, Malarhöfði
- Lágmúli
- Sævarhöfða 31
- Gufunes Harbour
Outcomes

● Participating in the competitions has challenged and educated Icelandic and international individuals, architects, urban designers, engineers, other companies and developers in creating a sustainable, innovative, decarbonized and resilient urban regeneration.

● At the same time the city has had the opportunity to offer and redevelop under-utilized sites within the city, sites that are ready to be transformed for quality urban life.
Winning project: LIFANDI LANDSLAG
Team representative: UPPHAF / HEILD / KLASI / ARNARHVOLL

Living Landscape is a zero-carbon mixed-use building, with a positive impact on the environment and sheltering a local ecosystem. Living Landscape will be the largest wooden building in Iceland.

Area plan in development. Contract for plot allocation signed.
Lágmúli

Winning project: THE FABRIC INFO
Team representative: REGÍNN HF.

Contributing towards a better, healthier and greener city, FABRIC creates a **hub for health, wellness and sustainable lifestyles**, creating a unique opportunity to showcase a new era in construction and a **beacon of sustainable design** in Reykjavík.

Negotiations with utility provider under way.
Contract for plot allocation signed.
Sævarhöfði

Winning project: THE CIRCULAR DISTRICT, Vaxtarhús
Team representative: VSÓ Ráðgjöf ehf.

Old silos will be revitalized and given new life. The district will feature the first circular building in Iceland, Vaxtarhús, providing a haven for urban farming and dining.

Negotiations ongoing with winning team.
Gufunes Harbour

Winning project: THE PIER
Team representative: Þorpið vistfélag

Connecting the bridge to the people again, the project confronts the climate crisis and supports social sustainability. All building materials will be responsibly sourced.

Negotiations ongoing with winning team + framework plan for the larger development area in process.
Reinventing Cities

Oslo

Marielle Øverby | Agency for Real Estate and Urban Renewal, City of Oslo
Reinventing Cities Oslo

- Ambitious **climate goals**
- Oslo was European Environmental Capital in 2019
- Entered the competition with **two plots**: Furuset and Stovner
Overall assessment criteria

- Legal and financial viability
- Team composition
- Solution to address the 10 challenges:
  - Building energy efficiency & clean energy
  - Sustainable materials & circular economy
  - Green mobility
  - Resilience & adaptation
  - Green services for the site and the neighbourhood
  - Green growth and smart cities
  - Sustainable water management
  - Biodiversity, urban re-vegetation and agriculture
  - Inclusive actions and community benefits
  - Innovative architecture and urban design
Oslo's site-specific requirements

- Future developers are expected to create:
  - New attractive urban spaces with functions that can contribute positively to the development of Stovner and Furuset
  - Solutions that challenge conventional floor plans with a higher proportion of common areas

- Oslo municipality must have the right of first refusal for 10% of the homes for social housing
Implementation & Positive response

Site inspection with bidders

Interdisciplinary jury

12 contributions in Phase 1

6 selected contributions in Phase 2
Oslo 2019


Bygata - Furuset

C40-plot
Winning project: The Urban Village
Fossumdumpa - Stovner
Winning project: Recipe for Future Living
Our experiences

- Legal clarifications
  - State aid
  - Adapt the competition to Norwegian legislation and Oslo sales procedure
- Regulated plot vs. unregulated plot
  - Regulated plot can limit innovation
  - Unregulated plot can create uncertainty and a longer sales process, but gives developers greater freedom
Our experiences

- **The right requirement** for the right area
- **Knowledge sharing** creates innovation
- Municipalities can (and should) **challenge the market** to find new solutions with the aim of ensuring thriving urban environments
Feel free to reach out if you have any questions or for further discussions!

Marielle Hattrem Øverby
marielle.overby@eby.oslo.kommune.no
Tlf: + 47 901 22 586
Importance of public-private collaboration: Campus for Living Cities
Madrid

Margarita Chiclana | CEO, Unexum & Lead
Reinventing Cities winning project in Madrid
LOCATION MADRID-UPM

- Green Campus University is located in Vallecas, a large neighbourhood of Madrid composed of two districts: Puente de Vallecas (population 239,000) and Villa de Vallecas (population 115,000).
- The development is located within the south campus of the Polytechnic University of Madrid.
- The Campus offers a large range of services and facilities for its students, directly accessible from the Green Campus University (sport centres, swimming pools, restaurants, etc.).
- Easy connection to the centre of Madrid through public transport. Metro (L1) and intercity train (C2 & C7) at walking distance (10min).
- Direct access to the M-40 and the A3, some of the main axis of the city offering an easy connection by car to the city centre.
- The Green Campus University is located near the Rey Juan Carlos University Campus of Madrid and to the Infanta Leonor Hospital.

By Train:
- 10 mins from Atocha
- 15 mins from Nuevos Ministerios
- 40’ from Moncloa

38,500 Students in Universidad Politécnica Madrid
Most of the offer for student housing is located in the central districts of the city of Madrid, especially near the Complutense University in Moncloa, as seen below:

28 – Moncloa-Aravaca
11 – Chamberí
1 – Salamanca
3 – Chamartín
1 – Tetuán
1 – Vicálvaro
1 – Fuencarral – El Pardo

The South Campus of the Polytechnic University of Madrid would be at the furthest end of the main implantation of residences in Madrid, as seen on the map.

The closest residence to the South Campus of the Polytechnic University being the José Pérez de Varga University Residence forming part of the Madrid Campus of the Rey Juan Carlos University to which it is attached.
1. STUDENT HOUSING
- Revitalizing focus
- Iconic architecture maximizes passive bioclimatic strategies
- Green roof as a communication and living space
- Example of naturalization to enhance biodiversity
- 337 BEDS

GBA (above ground) 9,605 sqm
GBA (basement) 3,731 sqm
Green Area 3,640 sqm

2. INDOOR SPORTS
- Area with a significant influx of young people.
- Urban sports: climbing, parkour, skate.
- Collects a request of teachers & students to expand sport offer in the area.

GBA 1,450 sqm
Green area 397 sqm

3. THEATER
Four buildings in one:
- Commercial area, with restaurants and first necessities “shuttles”
- House of culture for workshops & exhibitions
- Student house
- Terrace roofs as fourth space or plaza for summer concerts, theatre, open-air markets

GBA 2,700 sqm
Green area 7,670 sqm
50% commercial + 50% social

LIFE-SCIENCE BUILDING
- IMPACT HUB-Innovation & talent associated with university research
- Living lab prototyping space
- Demo center to visualize solutions
- Start-Up Hub project incubator & accelerator

STAGE 1
Existing building: 4,480 sqm

STAGE 2
Extension: 8,200 sqm
TOTAL ARBOLEDA: 12,680 sqm
Green area: 6,145 sqm

TOTAL GBA (above ground) 26,450 SQM
TOTAL GREEN AREAS 22,700 SQM
PBSA of 337 beds and a total GLA of 9,605 sqm above ground, 3,731 sqm below ground and 3,600 sqm of green areas.

The development is located within the south campus of the Polytechnic University of Madrid. Well connected to the city centre and to the other campuses of the UPM.

Part of an iconic and rewarded ESG project called Campus for Living Cities.

New concept of ESG Student Housing with the highest sustainability and social impact standards. Cross Laminated Timber (CLT) Structure.

Leed Platinum Certification.

Short term demonstration project for sustainability of the city of Madrid in the EU community within EIT climate-KIC.

Operated by Yugo-GSA, a well-established operator with extensive international experience.

Developed by Unexum, project team composed of Ambitare, Cundall, Hollis and SEO Birdlife.

Leasehold for 60 years, with possibility of renewal for the owners at the end of this period.

First student housing “Green Campus University” development, part of a pipeline in Spain and LATAM.

Madrid is home to over 320,000 students spread across over 16 public and private universities.
C40 Cities and Madrid City Councils created this global competition to stimulate sustainable development and reward innovative solutions to the environmental and urban challenges caused by climate change.

The CLC project includes the development on campus of a student housing of 337 beds, the refurbishment of a life-sciences building, and the development of a commercial area and indoor-sports building encompassed in a green corridor. Considered an “opportunity area” within the Strategic Plan for the Urban Regeneration of Madrid due to its potential to improve the urban structure of the Vallecas district.

The CLC project has been integrated into the European Deep Demonstration initiative, led by the EIT Climate-KIC, as a carbon-free development prototype in the short term.

WINNING PROJECT OF THE “REINVENTING CITIES 2019” INTERNATIONAL COMPETITION LAUNCHED BY C40 CITIES IN MADRID FOR THE AREA LOCATED ON THE SOUTH CAMPUS OF THE POLYTECHNIC UNIVERSITY OF MADRID, UPM.
03

STUDENT HOUSING

33
8

BEDS
Rooms
233

LOW CARBON MATERIALS
- Timber CLT structure
- Lightweight wooden insulated panels
- Recycled components

NET ZERO CARBON

SUSTAINABLE DESIGN
- Sustainable water use
- Biodiversity integration
- Low carbon mobility
- Total monitoring
- Micro-habitats / nests for local and migratory birds

INDIVIDUAL ROOMS
STUDIOS
STUDIO PLUS ROOMS
TWODIOS
DDA ROOMS
GBA
BASEMENT

2
81
10
210
8
9,605
3,731

BEDS
Rooms
233
Students Residence is located in the Block 1 plot of the Special Plan AOE.00.10 Vallecas Polytechnic. Madrid City Council is currently updating this Special Plan with the aim of improving functionality of the South Campus incorporating the winning proposal of Reinventing Cities, to turn the development of the area into a milestone of decarbonisation challenge aligned with the SDGs and the 2030 Agenda.

New plan: Special Plan for the improvement of Public Networks Block 1 And Plot 2.2 AOE.00.10 Vallecas Polytechnic. July 2022.

Main urban parameters for the residence plot in the new plan:

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**ROOM FEATURES**

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<th>Room Type</th>
<th>Features</th>
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| Individual  | Bed: individual bed 105cm, possibility of bed at height  
Wardrobe: 100-120 cm  
Desk: Shelves, pinboard and chest of drawers  
Kitchenette: Sink, microwave, small fridge, storage and recycling bin |
| Studio      | Bed: individual bed 105cm  
Wardrobe: 120-150 cm  
Desk: Shelves, pinboard and chest of drawers  
Kitchenette: Sink, microwave, small fridge, storage and recycling bin  
Living room: sofa, table & stools, TV cabinet, smart TV |
| Studio Plus | Bed: double bed 135 cm  
Wardrobe: >150 cm  
Desk: Shelves, pinboard and chest of drawers  
Kitchenette: Sink, microwave, small fridge, storage and recycling bin  
Living room: sofa, table, chairs, TV cabinet, smart TV |
1

**TWODI ROOM**

- 2 Beds: 2 individual bed 105cm
- Wardrobe: 100cm x 2
- Desk: Shelves, pinboard and chest of drawers x 2
- Kitchenette: Sink, microwave, small fridge, storage and recycling bin
- Living room: table & stools

**11 DDA COMPLIANT ROOMS**

- Bed: individual bed 105cm
- Desk: Shelves, pinboard and chest of drawers
- Kitchenette: Sink, microwave, small fridge, storage and recycling bin

**23 SQM**

- €750

**8 SQM**

- €18
AMENITÉS

“The souk”: Cafeteria/ Coffee corner, book store, barber shop, Street food, photocall/instagram space

Outdoor patios:
Multi-purpose spaces (sport Area): wellness Area, resistance training, machine area
Multi-purpose spaces (flexible area): living room/ relax area, cafeteria-coffee corner, tribune, musix room, cinema room, reading room-study room

Festival on the roof: outdoor terrace spaces, gardens, summer cinema, yoga
FOURTH FLOOR
20 BEDS
- 5 studios
- 2 studio plus
- 6 twodios
- 1 DDA
- Gross building area: 643 sqm

INDIVIDUAL STUDY ROOM
STUDIO PLUS ROOM
TWODIOS
DDA

RECEPTION / STAFF / ADMINISTRATION
/ MEETING ROOM / BACK OFFICE
CAFETERIA / DINING ROOM /
CO-WORKING KITCHEN / DINING ROOM
TV ROOM
STUDY ROOM
LIVING ROOM/RELAX AREA
GYM OR ZCC
BASEMEN

90 PARKING SPACES
- Bicycle & one-person vehicle spaces
- Recharging points
- Gross building area: 3,731 sqm

STUDENT HOUSING

- STUDY ROOM
- STUDY PLUS ROOM
- STUDY PLUS STUDY

INDIVIDUAL STUDY ROOM

STUDENT HOUSING

- STUDY PLUS ROOM
- STUDY PLUS STUDY
- STUDY PLUS STUDY

INDIVIDUAL STUDY ROOM

GROSS BUILDING AREA: 3,731 SQM

GREEN CAMPUS

- RECEPTION / STAFF / ADMINISTRATION
- MEETING ROOM / BACK OFFICE
- CAFETERIA / DINING ROOM
- COCOWORKING KITCHEN / DINING ROOM
- TV ROOM
- STUDY ROOM
- LIVING ROOM / RELAX AREA
- GYM OR ZONE
### GROSS BUILDING AREAS

#### STUDENT HOUSING TOTAL

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</tbody>
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The architecture practice that offers high-quality, sustainable, and innovative solutions that contribute to improving living conditions and generate added value to society. AMBITARE is highly committed to the environmental sustainability of its projects, from the early stages of design, we seek the optimal integration with its surroundings, minimal impact and maximum efficiency in the management of resources.

Architecture and Project Coordinator: Brezo Martos
Architecture and Sustainability Coordinator: Daniel Otero

Hollis is an international, independent real estate consultant with all the necessary expertise in-house to help get the best from real estate. With a multi-skilled team of surveyors, engineers, technical specialists, consultants and project managers, Hollis works across a wide spectrum of sectors (from leisure, to industrial to retail) and at every point in the real estate lifecycle.

Project Management & Quantity Surveyor: John Watson, Cris Gasco

Cundall is an international multidisciplinary engineering consultancy operating from 21 offices around the world. With sustainability at the heart of all our operations, our engineering team provides innovative and sustainable design solutions that span the entire project lifecycle.

LEED, BREEAM, Green Star or WELL certification tools.

Engineer and Sustainability: Jose Castilla

UNEXUM LTD is a Real Estate Company focused on Investment Management, Development Management and Asset Management. Executes value-added Real Estate investment strategies, combining local market knowledge and operational expertise to create value and meet clients’ investment goals.

Team Leader: Margarita Chiclana

25 YEARS experience
€1.5 BN of property managed in Spain, Portugal and Italy
250,000 SQM developed - Housing, Offices, ”Dotacional” (facility areas) and Retail

SEO/BirdLife, the Spanish Ornithological Society, is the oldest environmental NGO in Spain. Founded in 1954, its mission has remained the same ever since: with birds as our banner, we want to conserve biodiversity with the participation and involvement of society.

It is a non-profit organisation, declared of public utility, with more than 14,000 members. Its work is centred on three basic pillars: science, conservation and awareness.

Biodiversity: Luis Martinez

GSA (Global Student Accommodation) - YUGO

The Global Students Accommodation family is an international group specialised in the management of student residences, with more than 26 years of experience. With proactive and upfront character, brings new energy and level of service to the student accommodation sector.

Business Development Director: Christopher Holloway MloD

IN SPAIN

9 ASSETS
5 CITIES
3,092 BEDS UM

WORLDWIDE

40,362 BEDS
69 CITIES

9 COUNTRIES
108 CITIES
The execution of the necessary projects will be organized in such a way that the license approval process is optimized and the urban parameters modified by the new Special Plan can be incorporated without causing a delay in the start of the works.

Timeline for construction with timber CLT structure.

**05**

**TIMELINE**

The execution of the necessary projects will be organized in such a way that the license approval process is optimized and the urban parameters modified by the new Special Plan can be incorporated without causing a delay in the start of the works.

Timeline for construction with timber CLT structure.

- **SPECIAL PLAN APPROVED**
- **TODAY**
- **BEGINNING OF SCHOOL YEAR**

**2021**
- Design preliminars
- Basic design project
- Detailed design project

**2T 2022**
- Special plan DEVELOPMENT

**3T 2022**
- Special plan DEVELOPMENT

**4T 2022**
- Special plan DEVELOPMENT

**1T 2023**
- Permits DEVELOPMENT
- Permits LICENSE JUNE 2023 START CONSTRUCTIONS JULY 2023

**2T 2023**
- Special plan DEVELOPMENT

**3T 2023**
- Special plan DEVELOPMENT

**4T 2023**
- Special plan DEVELOPMENT

**1T 2024**
- Student HOUSING OPERATING IN ACADEMIC YEAR 2024.25

**2T 2024**
- Special plan DEVELOPMENT

**3T 2024**
- Special plan DEVELOPMENT

**4T 2024**
- Special plan DEVELOPMENT
The Green Campus University, as part of the CLC, is an innovative and ESG leading project in real estate, not only in Spain but also in an international perspective. It is part of the C40 Reinventing Cities Project, which aims at implementing the highest sustainability standards related today. Furthermore, it is the Sustainability Demonstrator Project of the Madrid City Council in the European Community within EIT Climate-KIC.

The challenges of this project are a net zero carbon, nearly zero energy, water sustainability, low carbon mobility, urban re-vegetation and biodiversity, digital twin, social benefits and ecological services.
KLH has pioneered the manufacture of cross-laminated timber (CLT). It operates internationally which is why our large-formate KLH® solid timber boards are used all across the globe as wall, ceiling and roof elements in structural timber construction. The sensitive handling of environmental and energy issues has increasingly moved the use of wood as a renewable construction material into the foreground of modern, ecological building culture. And for sound reasons: Timber is naturally carbon-neutral and energy-efficient in every respect.
CASHFLOW
You are invited: Public Debates | Cities: Affordable Housing -
Wednesday 16 November 6:30 p.m.
Maria Vassilakou

CEO of Vassilakou Urban Consulting | Former Deputy Mayor City of Vienna | EU Mission Board Member 100 climate-neutral Cities by 2030 | Austria

Maria Vassilakou was the first green vice mayor of Vienna and city councillor for urban development, traffic, climate protection, energy planning, and citizen participation. She strongly advocates sustainable urban development and gentle mobility. During her 10 years as vice mayor, Maria successfully implemented a vast transformation agenda. Now, Vienna has one of the most affordable pricing policies for public transportation amongst all European cities. Having left city politics, Maria established Vassilakou Urban Consulting GmbH, where she focusses on urban transformation strategies and transition management. She draws from and shares her experience, know-how, and best practices from Vienna with cities across the globe. Since 2019, Maria has served as a member in the experts board which advised the European Commission on the design and implementation of the European Mission for "100 climate-neutral Cities by 2030".

https://vienna-solutions.com/
Complaints

Problems

Solutions
Fast-Track Permit

Emergency Project STAMP
Private site owner: Reinventing Cities
San Francisco

Linda Cordoba | IKEA
Network Leader Strategic Development & Innovation
Create a meaningful place for people and communities with a low carbon footprint

Air pollution
Low carbon footprint construction
Making existing buildings green
Biodiversity & green spaces
Congestion
Water flooding - hard surfaces

Connecting neighbourhoods
Soften the experience of hard surface areas
Greener people friendly spaces
Community centres – bring people together
Safety
Accessibility
Project scope

Site proposed includes three main spaces:

1. **Parking spaces**: 1 level/B3 of parking underground (total 45,000sqft / ~80 parking slots)
2. **Commercial unit** (534sqft) on the street level next to the parking entrance
3. **Public space**: back alley running behind building (~270ft long)

- Explore new, sustainable and innovative uses for the parking level and commercial units including a viable business model
- Transform Stevenson street into a **safe and inviting space** for communities
- Achieve **sustainable and inclusive development**, creating a place that empowers communities and supports social entrepreneurs and businesses
- A place to **meet, work, socialise**, exploring new ways of collaborating and engaging with society.
Winning Project:
Smart City Labs | Farm + Table

A REIMAGINED COMMUNITY GATHERING AND COLLABORATION PLACE
FOSTERING HEALTHY LOCAL FOOD AND COMMUNITY WELLNESS
INSPIRED BY GLOBAL INNOVATORS BUILT BY OUR LOCAL COMMUNITY

1. SMART BUILDING/SPACES
2. DIGITAL TWIN/COMMUNITY PLATFORM
3. UNDERGROUND FARM
4. HANGING GARDENS
5. COMMUNITY TABLE
6. GREEN BUSINESS INCUBATOR
7. PLAYPLACE DIGITAL GARDEN
8. ROOFTOP SOLAR FARM
9. BICYCLE PROJECT

A PLACE THAT HAS THE AMBITION TO CREATE REAL, LASTING, POSITIVE SOCIAL IMPACT IN ITS NEIGHBORHOOD
‘The Reinventing Cities competition has inspired exactly the inventive collaboration we need to combat the climate crisis.

It is more than an innovative competition - it is providing vital solutions to build the urban future we want.’

Mark Watts, C40 Executive Director

Contacts:
Costanza De Stefani – cdestefani@c40.org
Hélène Chartier - hchartier@c40.org

c40reinventingcities.org