

Students Reinventing Cities Lisbon

A global competition for students and universities to share their visions and ideas for *a 15-minute city*



01.
Presentation of the Competition
Ellie White, Reinventing Cities Officer -
C40 Cities

02.
**Green & Thriving Neighbourhoods
Guidelines**
Camille Tallon, 15 Minute City Project
Manager - C40 Cities

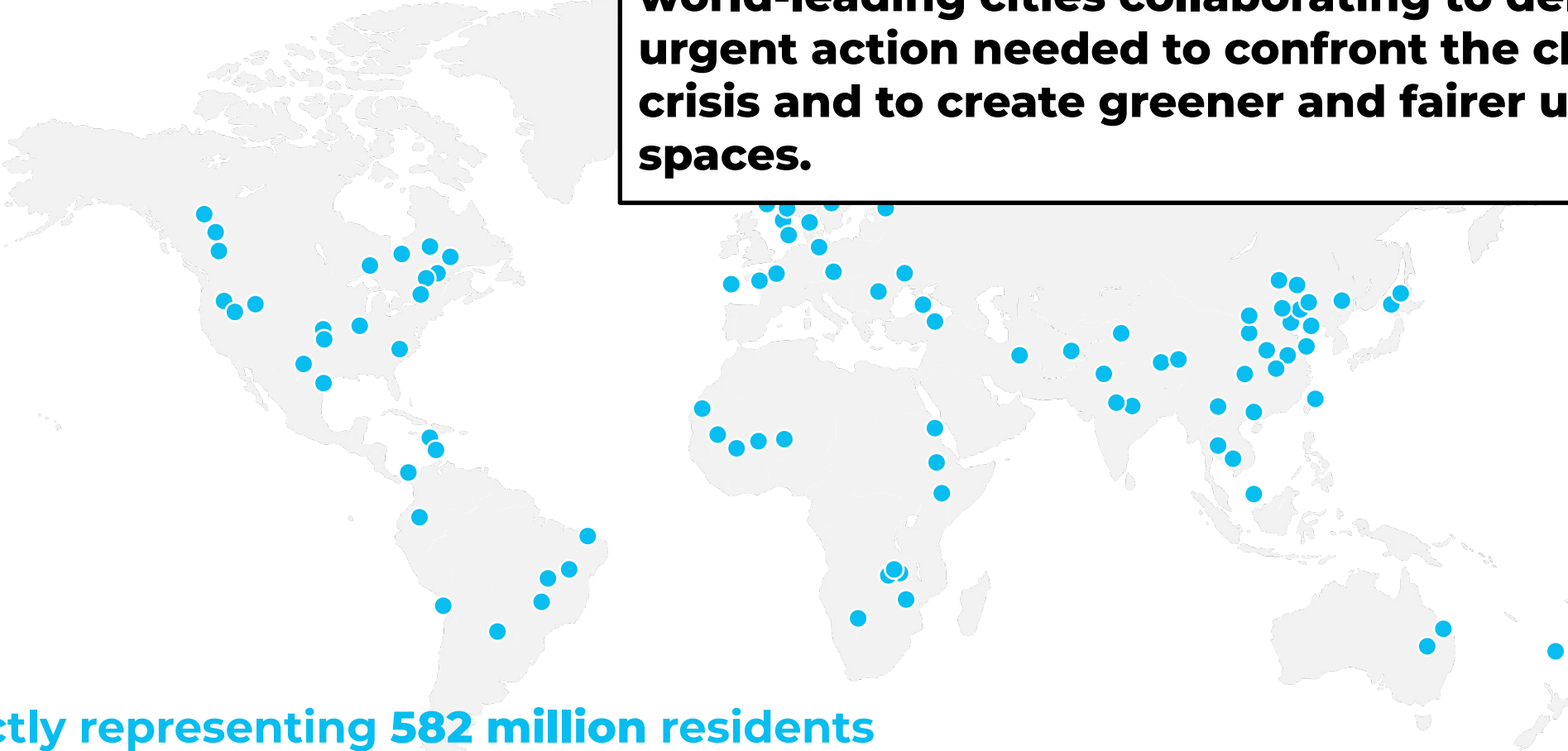
03.
**Site Presentation & City Climate
Priorities**

Vera Gregório / Diana Henriques
Lisboa E-Nova

04.
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 Students Reinventing Cities?

Building on the **mobilization of youth on climate change**, the competition aims to:

- **Create a space for students and universities** to **share their vision** of a more sustainable and inclusive city and generate **fresh ideas**
- **Strengthen students' knowledge** on the leading solutions, policies and technologies for **climate change**
- Actively **drive collaboration between students and city governments** to deliver new approaches for low carbon urban development



Success of the previous edition



Press Release 2021-09-28

18 outstanding teams announced as winners of students reinventing cities competition

1,100 students from 150 universities respond to the call for ideas to reinvent parts of their cities.

Students reinventing cities: two PSL projects won the C40 international competition

LE 28 SEPTEMBER 2021

Partager : [Twitter](#) [Facebook](#) [LinkedIn](#) [Print](#)

Two joint teams of students from PSL, New York University (NYU), and George Washington University (GWU) won the C40 "Students reinventing cities" competition.



UNIGE International @unige_int

Last Friday, #unige students who won the competition "Students Reinventing Cities" for their project on #Athens met the mayor of the city @KBakoyannis in Geneva!

@c40cities @UNIGEnews #sustainable #green #inclusive #cities #reinventingcities



TEDx Students Reinventing Cities



Winning Projects

Find all the winners site by site

STUDENTS REINVENTING CITIES - A

WORLD ARCHITECTURE NEWS

Students Reinventing Cities: C40 Cities competition to combat climate change

Teams of university students will share their vision for transforming 18 city neighbourhoods to deliver a green and just recovery from the COVID-19 crisis

australian design review

Architecture Interiors Objects Resources 30UNDER30 IDEA PODCAST

Home • Architecture • Students to reinvent and decarbonise 18 cities for C40 Cities competition

Students to reinvent and decarbonise 18



...and this year we have 12 participating cities



How it works



Identify sites they would like to transform & revitalize



Organises the international competition




Submit their best proposals to regenerate the urban areas



Green & Thriving Neighbourhoods

Competition Framework

Regulations & Guidance



Students Reinventing Cities


Students Reinventing Cities

A global competition for universities and students to share their vision for green & thriving neighbourhoods.

Regulations for the Competition

Table of Contents

- Foreword
- Objectives
- Structure of the competition
- Calendar
- Team Composition
- The 10 Principles for a Green & Thriving Neighbourhood
- Submission
- Evaluation Criteria and Juries
- Awards




Students Reinventing Cities

Guidance to Design a Green and Thriving Neighbourhood



Site Form + Dataroom



Name of the site, City
More details on the address (Postcode/Area)

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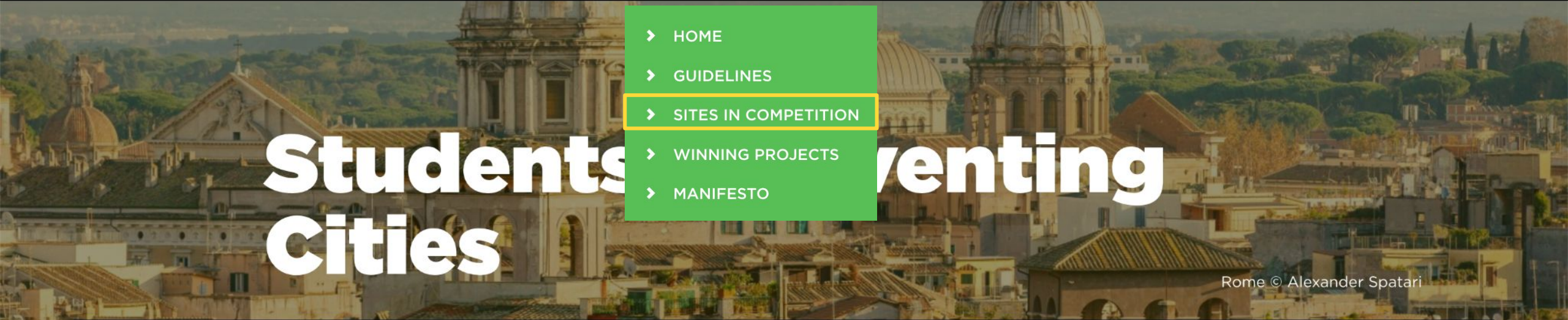
-  **Competition framework documents**
-  **Site Documentation**
-  **FAQ.xlsx** 

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Students Reinventing Cities

Access to information



- > HOME
- > GUIDELINES
- > SITES IN COMPETITION
- > WINNING PROJECTS
- > MANIFESTO

Students Reinventing Cities

Common documents



Documentation

- [ENG] STUDENTS REINVENTING CITIES_TEAM FORM (PHASE 1)
- [ENG] STUDENTS REINVENTING CITIES - REGULATIONS
- [ENG] GUIDANCE TO DESIGN A GREEN AND THRIVING NEIGHBOURHOOD

For each site: Site Form, Dataroom & Question Box



Documentation

STUDENTS REINVENTING CITIES - SITE FORM

Dataroom Access

Download specific documents for this site

OPEN DATAROOM

Questions?

If you have a question or would like more details on the site and the Students Reinventing Cities competition, please use the form below. You will receive a response via email.

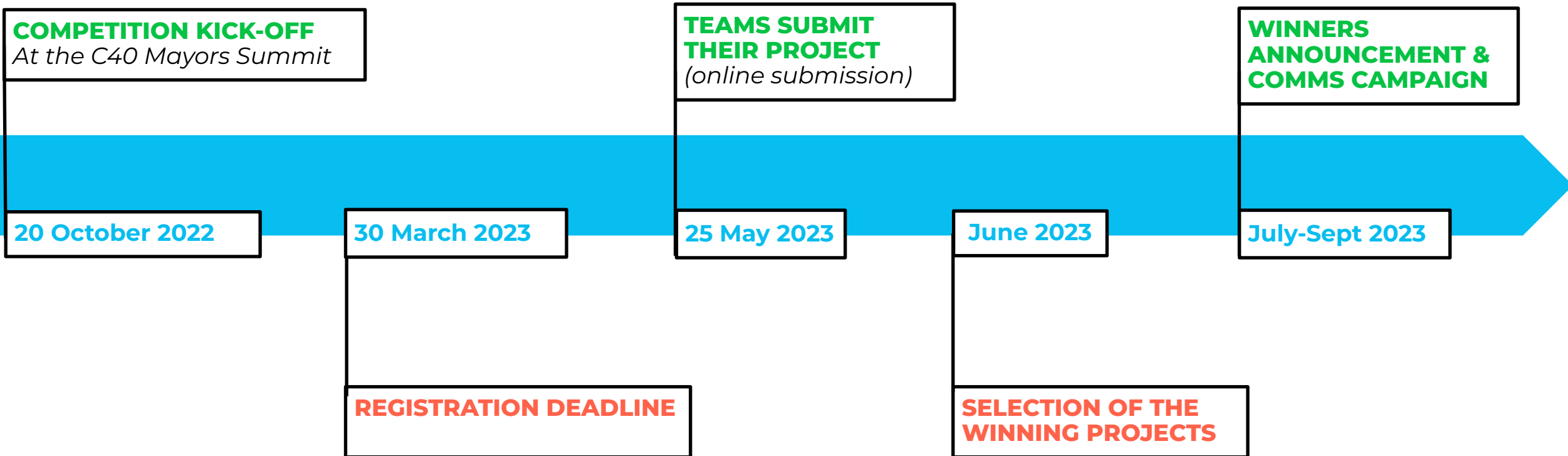
First name *

Last name *

E-mail *

C4O CITIES

Timeline



Submission process

Phase 1

Registration



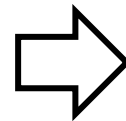
Workshop for teams



Phase 2

Final Proposal

- **Team Form**
- **Presentation of the Project**
- **Graphic Presentation**
- **Implementation Plan**



Selection of 1 winning team per city

**Special mentions may be included*

Team composition

- Include at least **1 current university student**, enrolled in the 2022-2023 (or 2023) academic year
- May include **youth under 25**
- **Multidisciplinary teams** - students in *architecture, urbanism, environment, engineering, real estate, sociology, economy, arts, etc.*
- Students from the **same/ different universities & departments** and **local/ international universities**
- **1 member** as main point of contact for group (*must be a current university student*)



Participating teams

Teams can:

- **Enlarge/ modify** their team after registration.
- Include a **faculty advisor**, consult **external experts** and engage with **stakeholders** such as the local community and residents.
- Ask **questions** to the cities and C40 through the webpage.



Judging criteria

Jury composed of representatives from the **City, C40 & external experts**. Jurors names will be made public. Evaluation criteria:

- **Quality of the **team** and approach to developing the project**
- **Quality of **design** and relevance of the project to the specifics of the site**
- **Proposed solutions to respond to the **10 principles** for a green & thriving neighbourhood**
- **Feasibility of the project**

Note: The competition complies with principles of anonymity, transparency, equal treatment, and non-discrimination. The jury will therefore not have access to the name of the team members and of the Universities they are part of and, if applicable, the name of the advisor



Winning teams awards

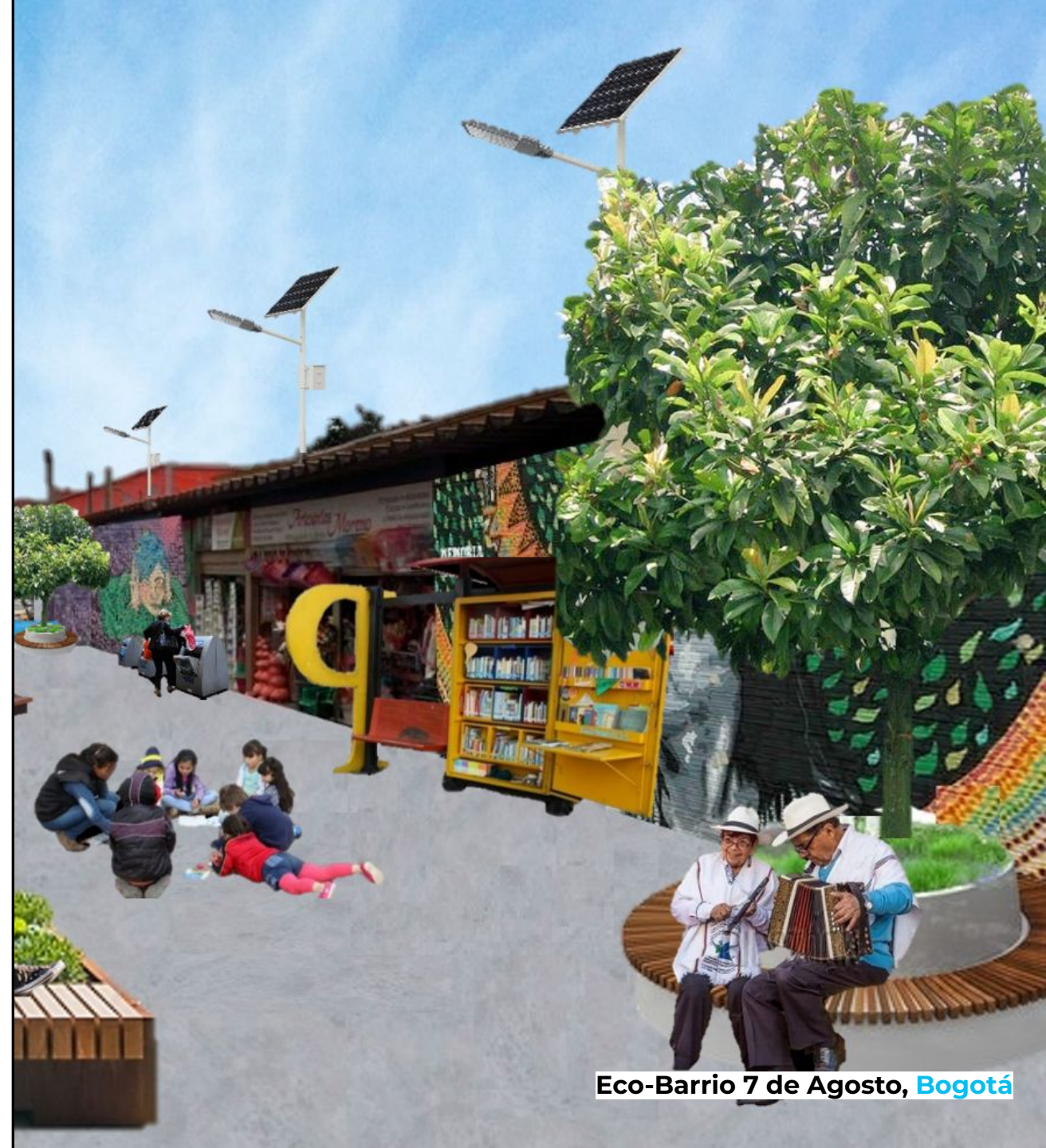
Receive an **official certificate** signed by the Mayor & C40 Executive Director

Receive coverage in local & global **communication campaigns**

Be **featured in official video** sponsored by C40 that will celebrate their project

Be **invited to present project** to business leaders/city officials/climate organisations

Be invited to stay involved with an **advisory role** for the area + additional city-specific awards (*optional*)



Eco-Barrio 7 de Agosto, Bogotá

The 15-Minute city and Green and Thriving Neighbourhoods Guidelines

Camille Tallon,
*15 Minute City Project
Manager - C40 Cities*

C40
CITIES



The Barrio Catalysts, [Madrid](#)

The Rationale

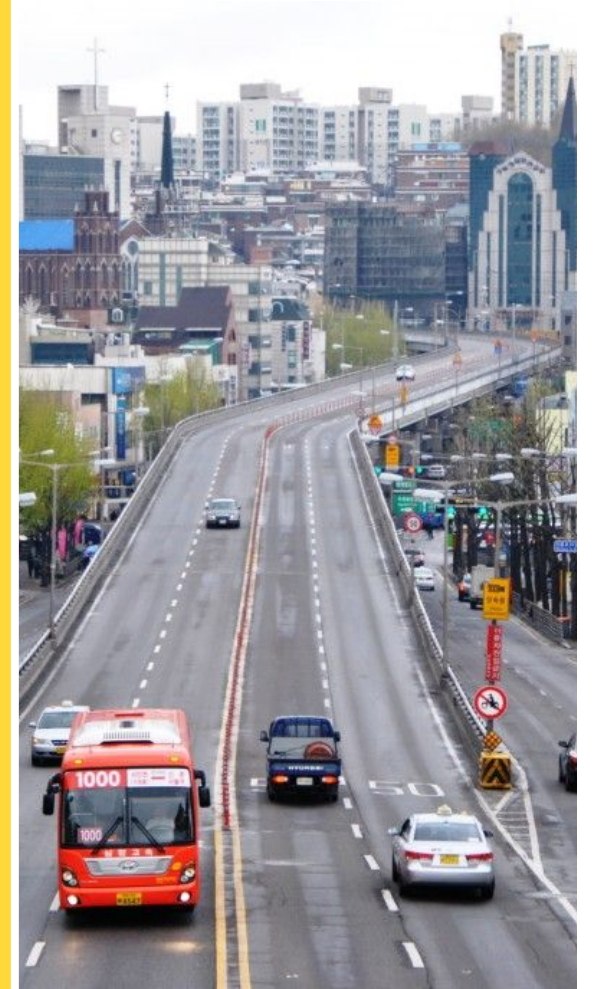


Past urban models increasingly promote **sprawl**, car-oriented planning and over-specialization of city neighbourhoods.

This model leads to long commutes, **poor air quality**, and a lack of amenities in many neighbourhoods, **entrenching inequalities**, perpetuating unsustainable lifestyles, and **reducing people's quality of life**.

We must find our way back to urbanise in harmony with nature and people.

The 15-minute city can help us to do so.



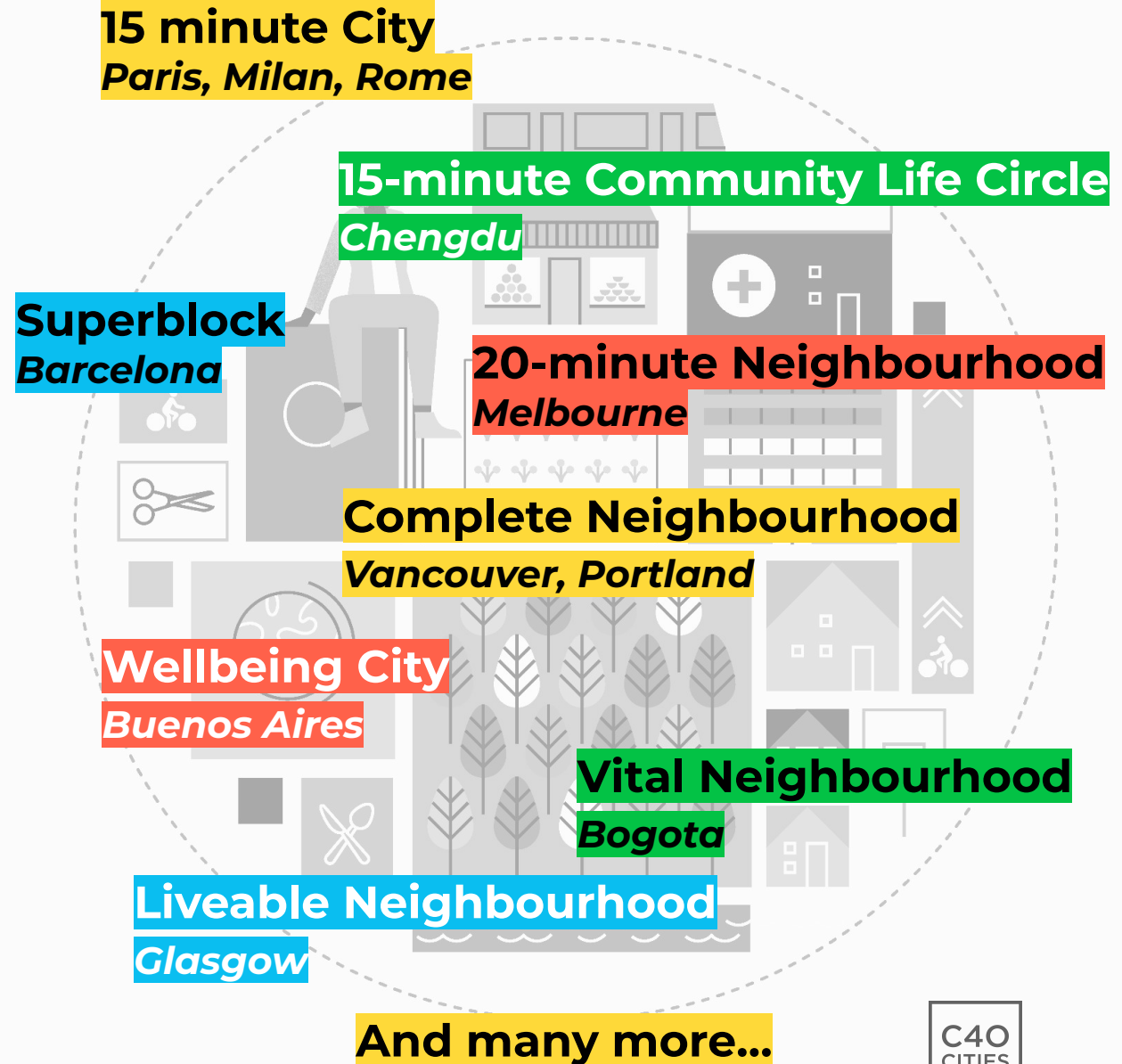
The 15-Minute city

Introduction

The 15-minute City is an urban model that allows everyone, in every neighbourhood to meet most of their daily needs within a short walk or bike ride of their home.

Many cities across the world have developed **similar people-centred approaches** using various names.

The latest IPCC report places a particular emphasis on the concept of 15-minute City. It states that this model can contribute to a better spatial planning and reduce GHG emissions by 25% by 2050.



The neighbourhood opportunity

A new focus for climate action

The Covid-19 crisis and the development of remote working has re-emphasized the importance of the local environment and **proximity**, reinforcing the appetite for 15-minute cities.

The neighbourhood, therefore, appears as an ideal scale for pandemic recovery, as well as a new focus to respond to the urgency of the global climate crisis.



Guidance for students

A cross-sectoral approach

To deliver a green and thriving neighbourhood, students must integrate different actions and approaches.

A Cross-sectoral approach is key to maximize the environmental and social benefits.

C40 has defined **10 principles** for a green and thriving neighbourhood for students to consider in their projects.



Examples of actions

- **Re-prioritizing streets for active mobility**
- Reclaiming spaces from cars to develop new uses for people (eg. school streets project, placemaking actions)
- Proposing meanwhile uses in vacant plots and buildings
- Implementing programs to support local shops, creating shared services hub & co-working places
- Providing more housing choices & running community engagement process to harness more inclusive and cohesive community
- Harnessing green spaces and using nature based-solution to tackle urban heat & flood risks
- Installing community facilities to encourage behavioral change (eg. compost facilities, zero waste or second hand shops, euse & repair hubs...)



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Mouraria (HUB Colina do Castelo, Lisbon)

LISBOA e-nova
AGÊNCIA DE ENERGIA E AMBIENTE DE LISBOA

LISBOA
CÂMARA MUNICIPAL

Reinventing
Cities

HUB-IN



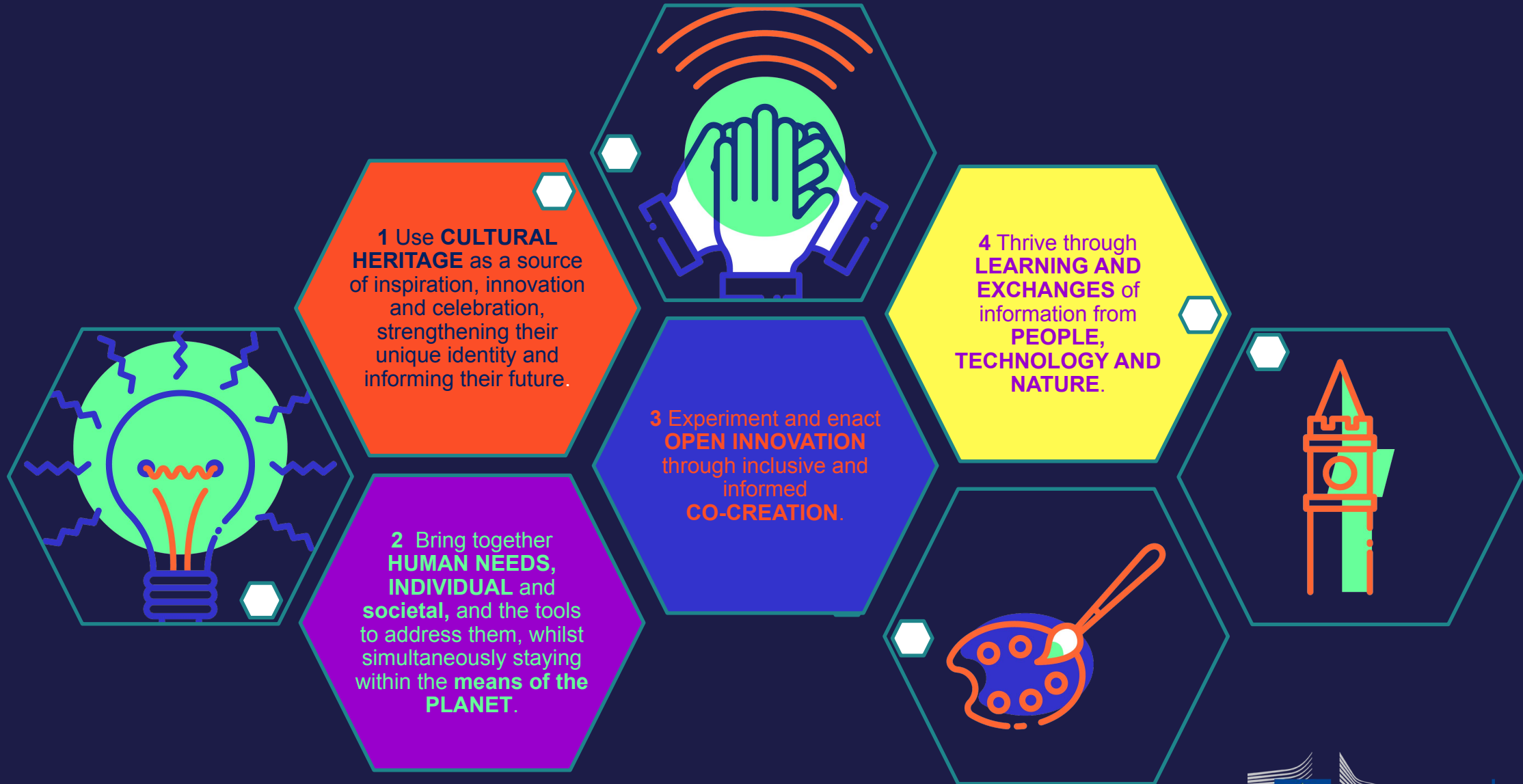


WELCOME TO (FIRST 8 HUAs) HUB-IN PLACES

UPSCALING THE NETWORK

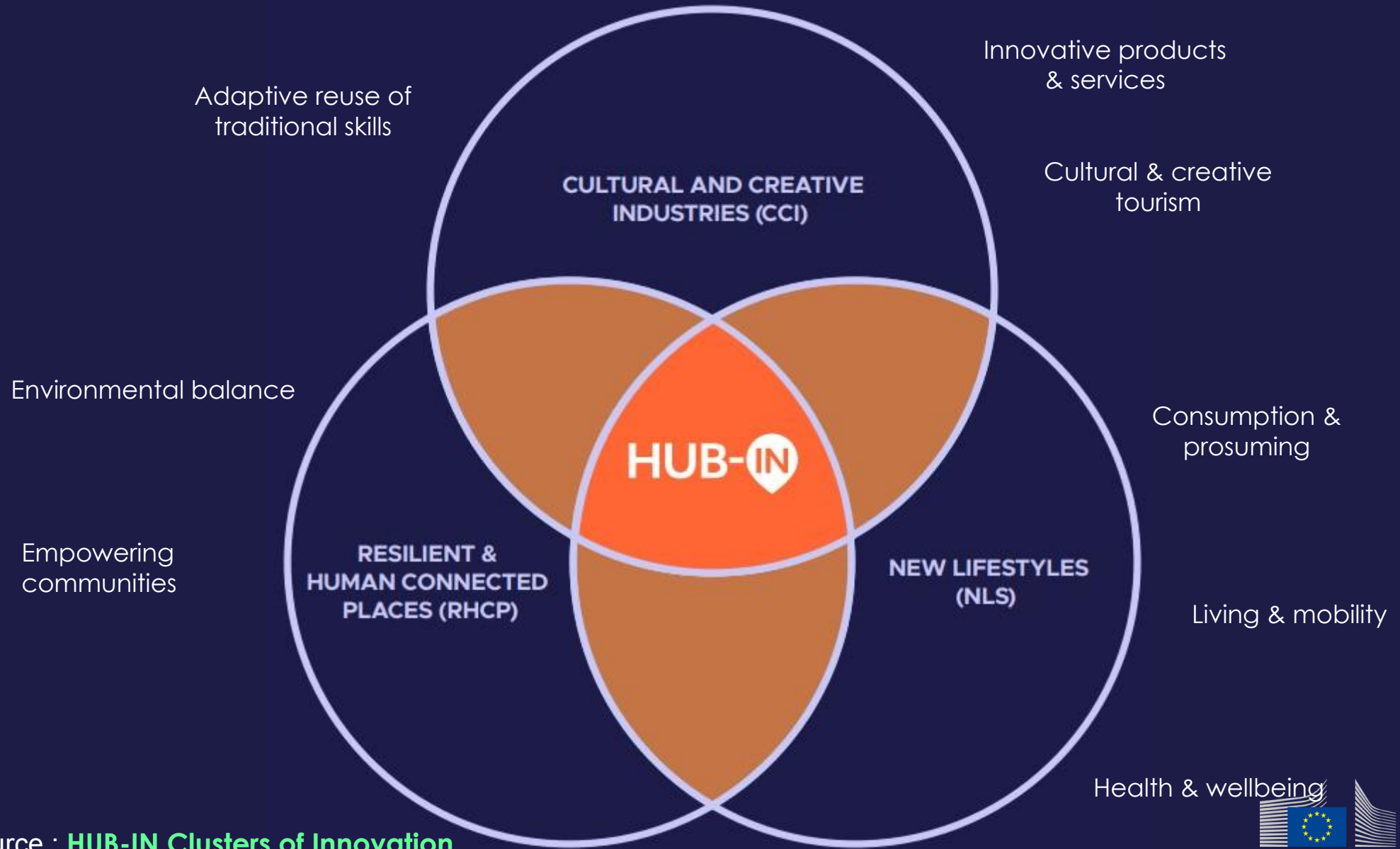
FOLLOWER CITIES HUB-IN ALLIANCE

HUB-IN PLACES : Hubs of Innovation



HUB-IN PLACES : Clusters of Innovation

UNLOCK CULTURAL AND HERITAGE VALUE



Source : [HUB-IN Clusters of Innovation](#)



MISSIONS FOR HUB(IN) COLINA DO CASTELO

- Mission 1: Promote a circular neighbourhood by valuing cultural heritage based on inclusion and quality of life;
- Mission 2: Boost creativity and rethink local businesses to improve the economy and safeguard traditional knowledge;
- Mission 3: Promote climate action, making it compatible with the cultural-led urban regeneration of Colina do Castelo, creating better living conditions and comfort for local communities.





HUB COLINA DO CASTELO – MOURARIA

Area: 0.21 Km²

Population (2011): 5.297 Hab.

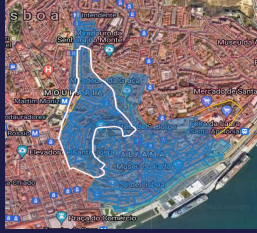
Strongly associated with the place where the Moorish population settled in after the conquest of Lisbon by the Catholics. Over the centuries, it has maintained the distinctiveness of being one of the most multicultural neighborhoods in Lisbon. A display of narrow and sloping streets exhibiting a diversity of properties, featuring some of the oldest buildings in the city, alongside with Pombaline buildings from the post-earthquake period of 1755. Disputes with Alfama the title of “Cradle of Fado”.



Mouraria – The Past



A rustic area of olive groves and mills for the production and sale of olive oil was replaced a more industrial area of potteries. (16h century)



Mouraria – Nowadays

QREN Mouraria – Cities within the City (2009)



Overall investment of €7.393 million, with a non-refundable amount – FEDER – of €3.5 million.



Mouraria – Nowadays





Mouraria – Nowadays



CLIMATE CHANGE IN LISBON

(CONTEXT MISSION 3)

High level of exposure and vulnerability to the effects of climate change , mainly by the increase in the frequency and intensity of extreme events (precipitation and heat waves).

CLIMATE CHANGE IN COLINA DO CASTELO

(CONTEXT MISSION 3)

More exposed to gentrification, touristification, loss and ageing of the population, degradation of public spaces and other infrastructures of historic value.

lack of green areas associated to the morphology contribute to intensify the urban heat island phenomena

The old building stock construction characteristics, contributes to energy poverty and noise disturbance, impacting the quality of life

HOW CAN YOU HELP US TO ACHIEVE MISSION 3?

Mission 3:

Promote climate action, making it compatible with the cultural-led urban regeneration of Colina do Castelo, creating better living conditions and comfort for local communities.

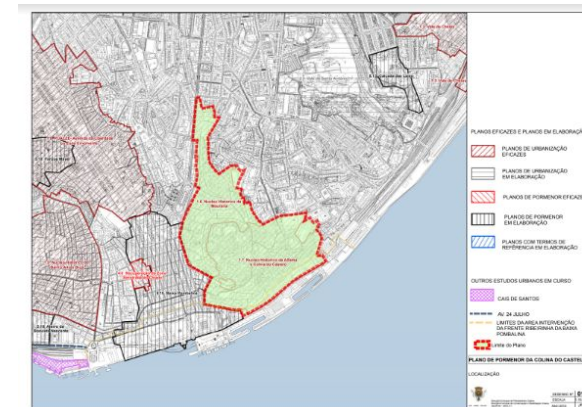
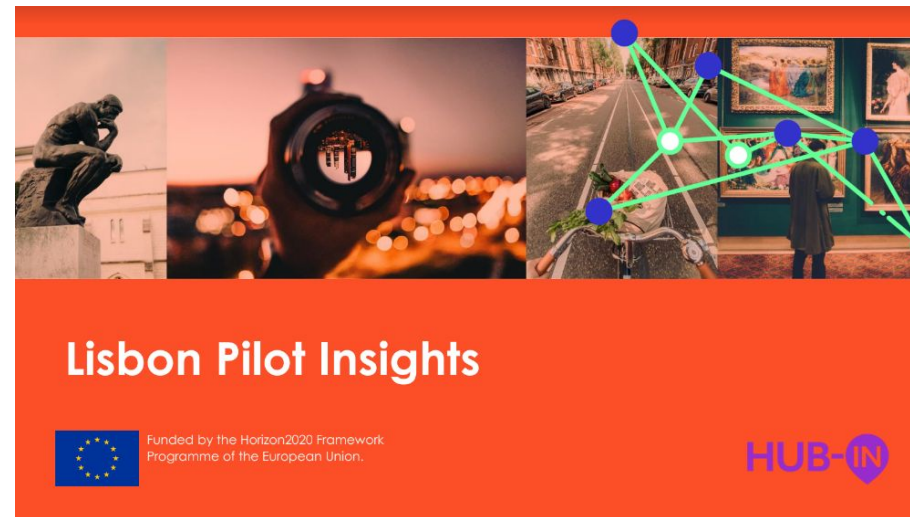
CHALLENGES

Students should develop a green and thriving neighbourhood preserving the history of the area, with a special focus on the following challenges:

- a) Integrate **nature-based solutions** in outdoor spaces to reduce the Urban Heat Island (UHI) effect and the impact of heat waves;
- b) Enhance **water reuse** and improve **climate adaptation**, promoting **circularity**; and
- c) Empower **local communities** - using art as a vehicle for **climate awareness** and adopting a more **sustainable lifestyle**.

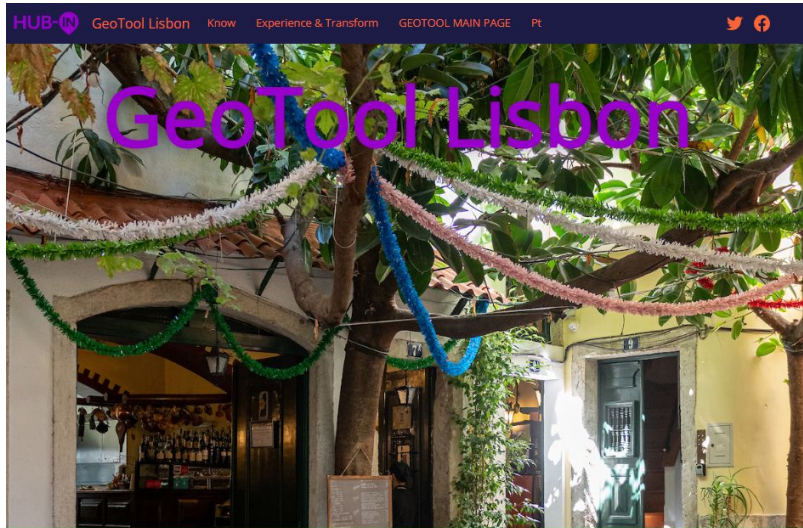
RESOURCES

- **Access Lisbon Data Room in C40 project site (examples)**
 - Strategic documents
 - Documents with strategic links / related projects
 - Lisbon Roadmap (HUB-IN)
 - Lisbon Pilot insights (population, buildings, endogenous resources, cultural identity...)
 - Document with links with videos about Mouraria (to be included)



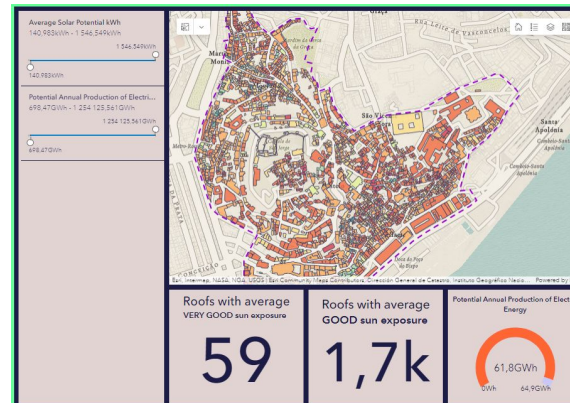
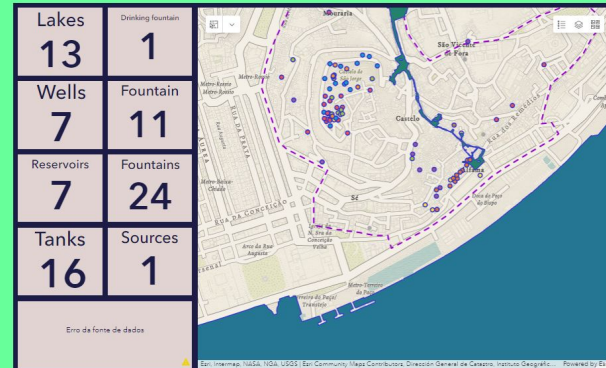
RESOURCES

- HUB-IN GeoTool <https://hubin-geotool-lisbon-lisboaenova.hub.arcgis.com/pages/know-lisbon>

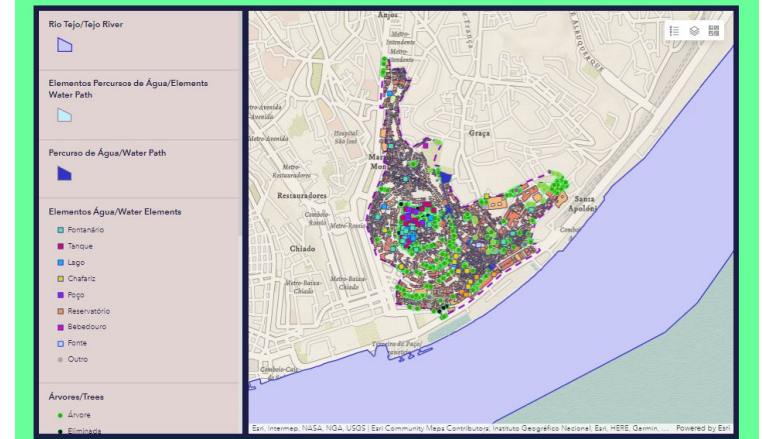


Wecolme to Lisbon GeoTool HUB-IN Place

Besides the fountains and the underground water course, in the map below the Tagus River (Tejo), appears also as an asset. Historically the river has been a very important economic link to the other margin when the commerce was made, but also with the world. Also historically, the river has a lot of biodiversity - including dolphins. When the boat traffic and the river pollution are low, these animals let us see them once in a while.



Lisbon is very vulnerable to heat waves, especially areas where the buildings are older and worst prepared for these. Nature-based solutions are some of the ways to mitigate these events. In the map below the natural assets and the planted trees are represented.



LISBON CITY SPECIFIC AWARDS

- **3 days of “Immersive Creative Mouraria”**
 - Residence in Innovation Center of Mouraria of the Municipality of Lisbon (CIM)
- with Mentoring sessions related to:
- Entrepreneurship (with support from CIM Mouraria)
 - Sustainability and circularity (with support from Lisboa E-Nova)
 - (if applied to the project) Manufacturing and prototyping processes (FabLab)
 - Accommodation paid for 2 students
 - Last trimester of 2023



Credits: CML



LISBON CITY SPECIFIC AWARDS

- **Other opportunities**
 - Presentation of the project to Lisbon policy makers
 - Presentation of the project within the scope of the project HUB-IN – within national pilot and international team
 - Access to HUB-IN academic resources (HUB-IN Academy)
 - Participation in the Community of Knowledge created in Lisbon HUA



Credits: Lisboa E-Nova





Visit Mouraria with us!

CONTACTS

- **Vera Gregório**
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- **Diana Henriques**
dianahenriques@lisboaenova.org

Q+A

Ask the City Team & C40
any questions



Thank you!
Let's create
#TheFutureWeWant

Contact:

students-reinventingcities@c40.org

c40reinventingcities.org

C40
CITIES

Students
Reinventing
Cities