

Students Reinventing Cities Freetown

A global competition for students and universities to share their visions and ideas for *green & thriving neighbourhoods*



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Hastings Chikoko, C40 Regional Director
for Africa

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Opening Remarks
Mayor of Freetown, Yvonne Aki-Sawyerr

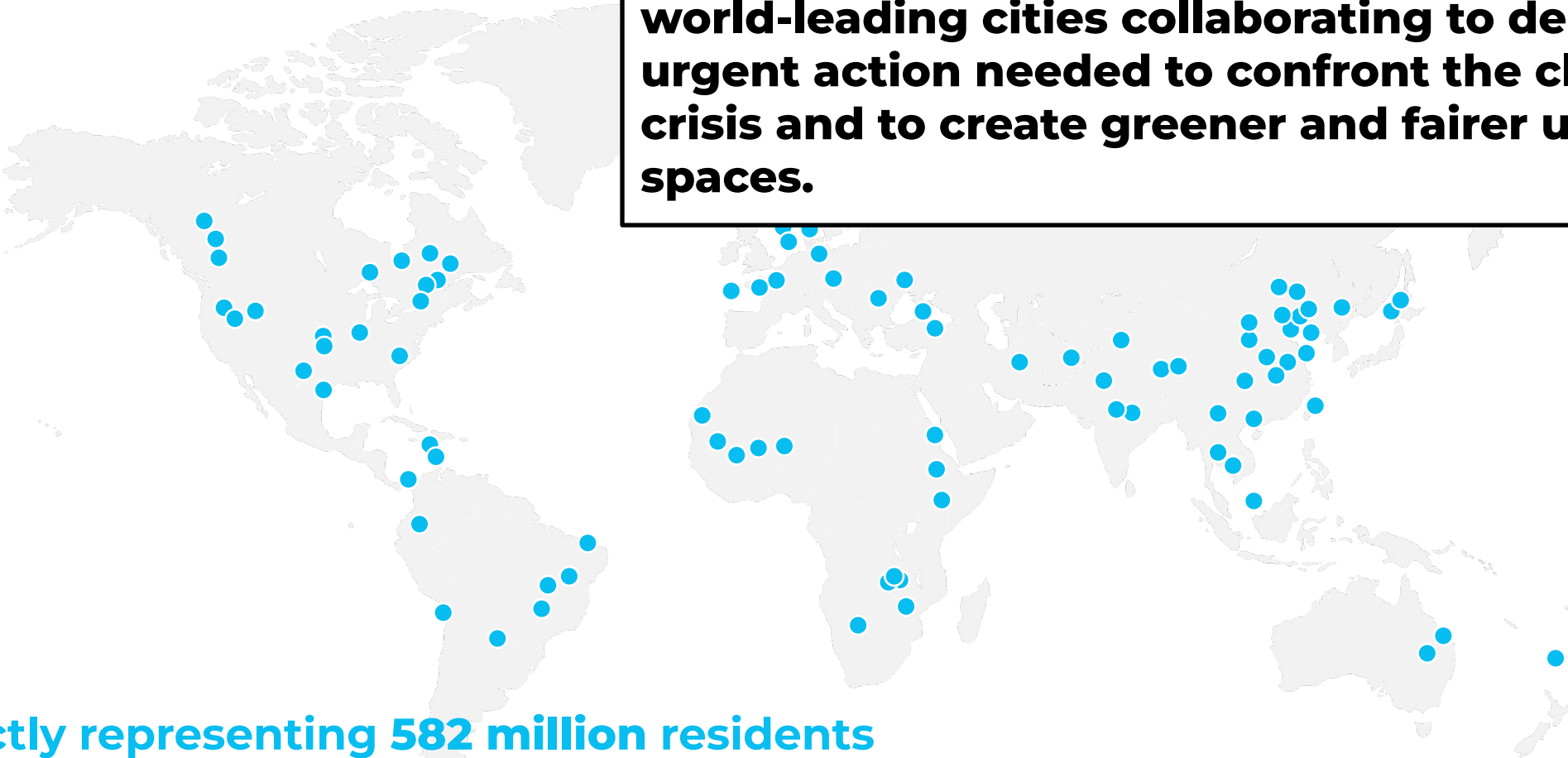
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Presentation of the Competition
Ellie White and Costanza De Stefani -
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- Freetown City Council

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





Opening Remarks

***Mayor of Freetown,
Yvonne Aki-Sawyerr***

Students Reinventing Cities competition

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 past 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.



18 cities took part
1000+ international students participated
150+ universities



TEDx Students Reinventing Cities



Winning Projects

Find all the winners site by site



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



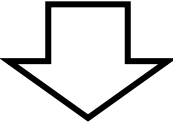
Identify sites they would like to transform & revitalize



Organises the international competition




Submit their best proposals to regenerate the urban areas



Green & Thriving Neighbourhoods

Competition Framework

Regulations & Guidance



C40 CITIES Students Reinventing Cities

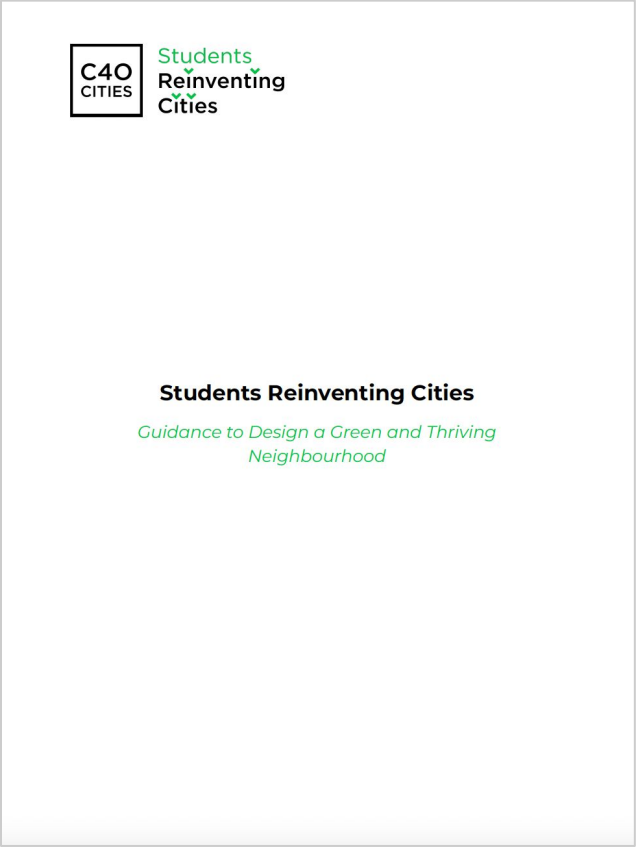
Students Reinventing Cities

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




C40 CITIES Students Reinventing Cities


Students Reinventing Cities

Guidance to Design a Green and Thriving Neighbourhood

Site Form + Dataroom



Students Reinventing Cities



Name of the site, City

More details on the address (Postcode/Area)

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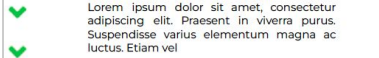

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Competition framework documents

Site Documentation

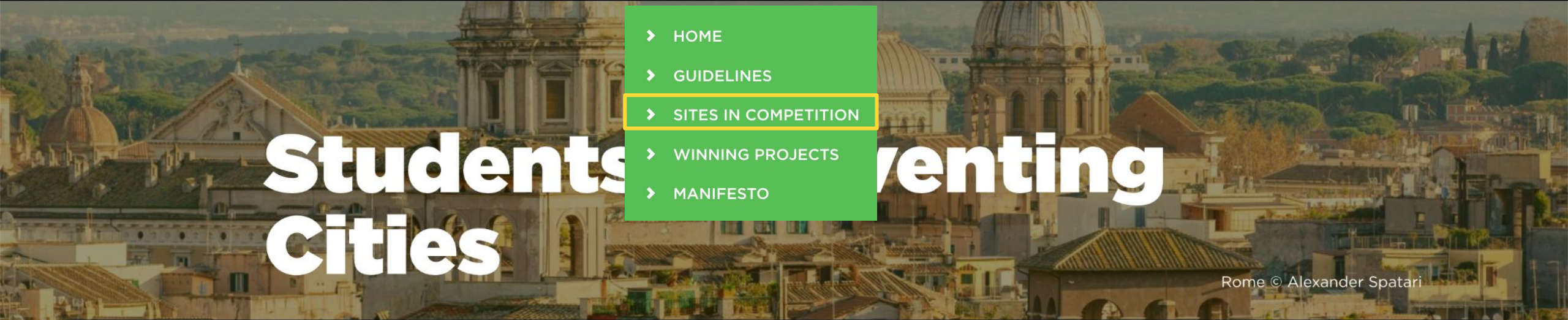
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Access to information



- > 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.

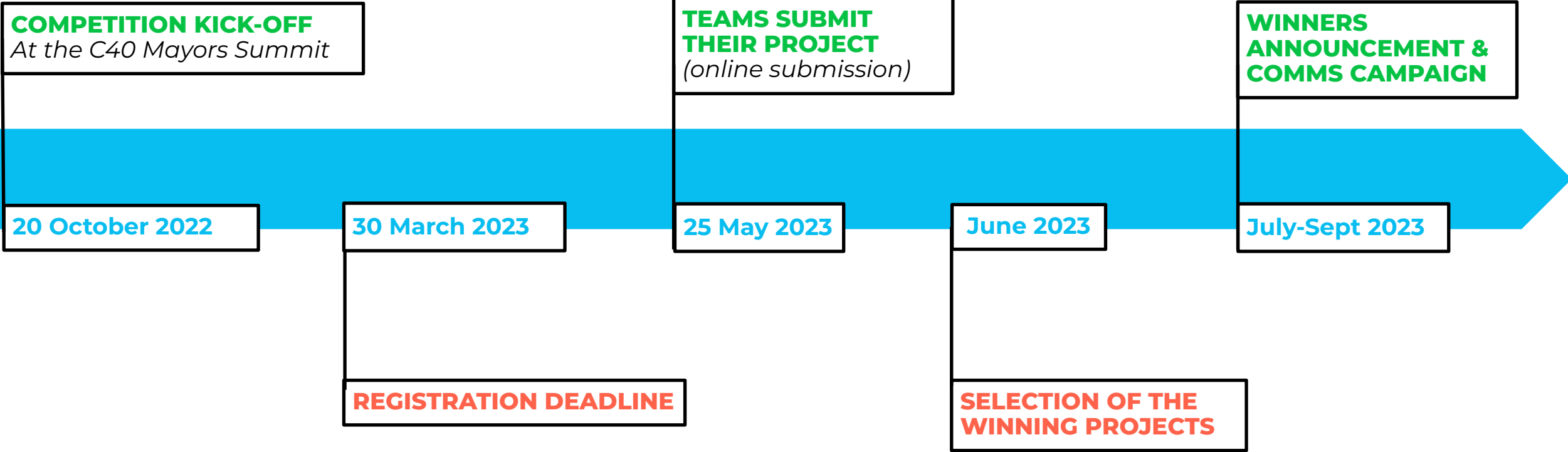
First name *

Last name *

E-mail *

C4O CITIES

Timeline



Submission process

Phase 1

Registration

Teams are only expected to complete a **Team Form** available on the website and **register online** on the site page.

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 can be 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.



Evaluation 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



Winning teams awards

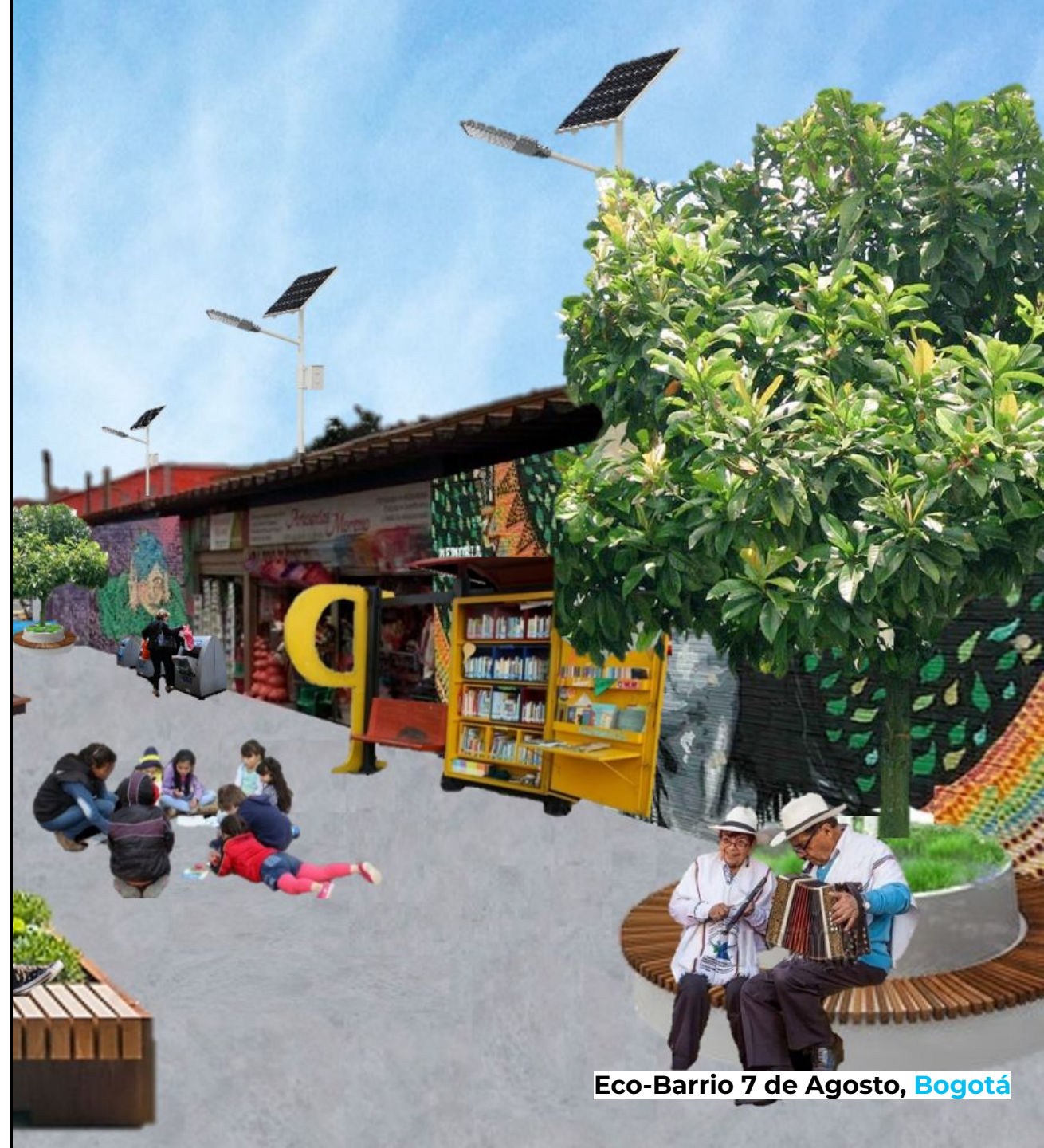
Receive an **official certificate** signed by the **Mayor & C40 Executive Director**

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**

A **photo** opportunity and a 30-minute **interview with the Mayor of Freetown**



Eco-Barrio 7 de Agosto, Bogotá

Green & Thriving Neighbourhoods

The 15-minute City

C4O
CITIES



The Barrio Catalysts, [Madrid](#)

The Rationale

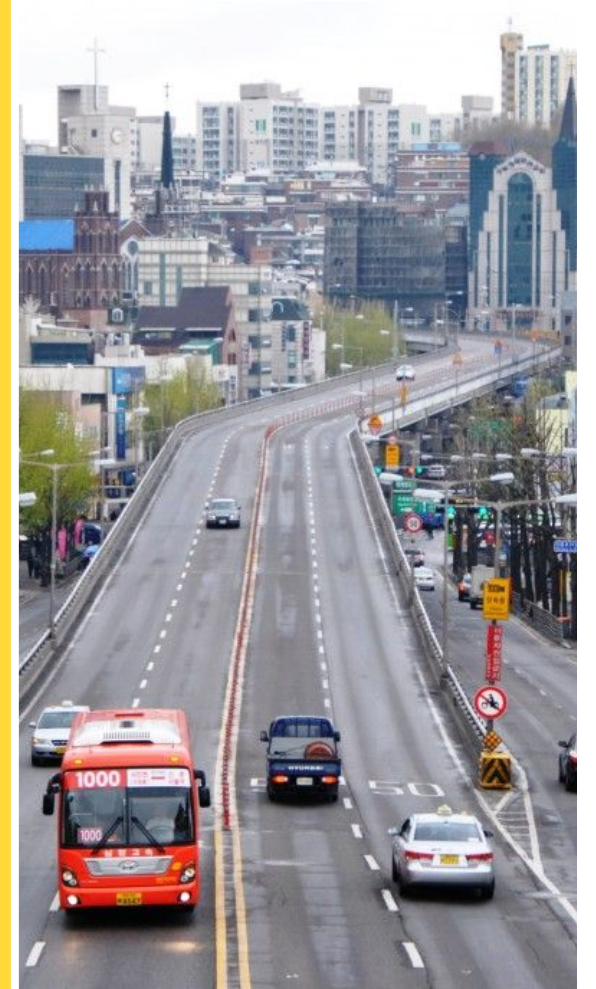


Past urban models increasingly promote **sprawl, car-oriented planning and over-specialization** of neighbourhoods.

This model leads to long commutes, poor air quality, and a lack of amenities in many neighbourhoods, enhancing **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 approach can help us to do so.



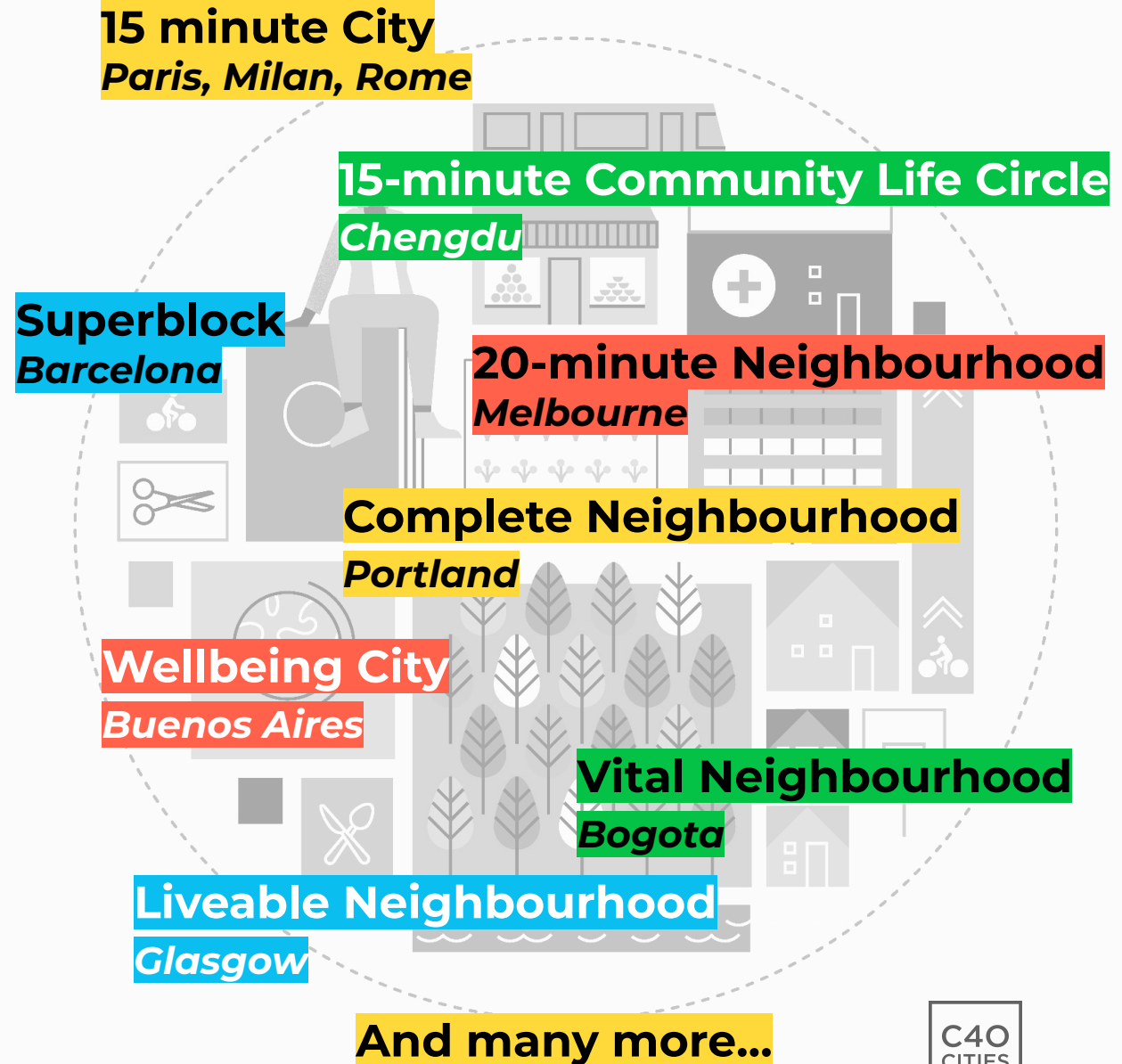
The 15-minute city

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 & reduce GHG emissions by between 23-26% by 2050.**



The neighbourhood opportunity

A new focus for climate action

The Covid-19 crisis 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.

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, reuse & repair hubs...)



Site Presentation

John Miracle Saccoh -
Freetown City Council



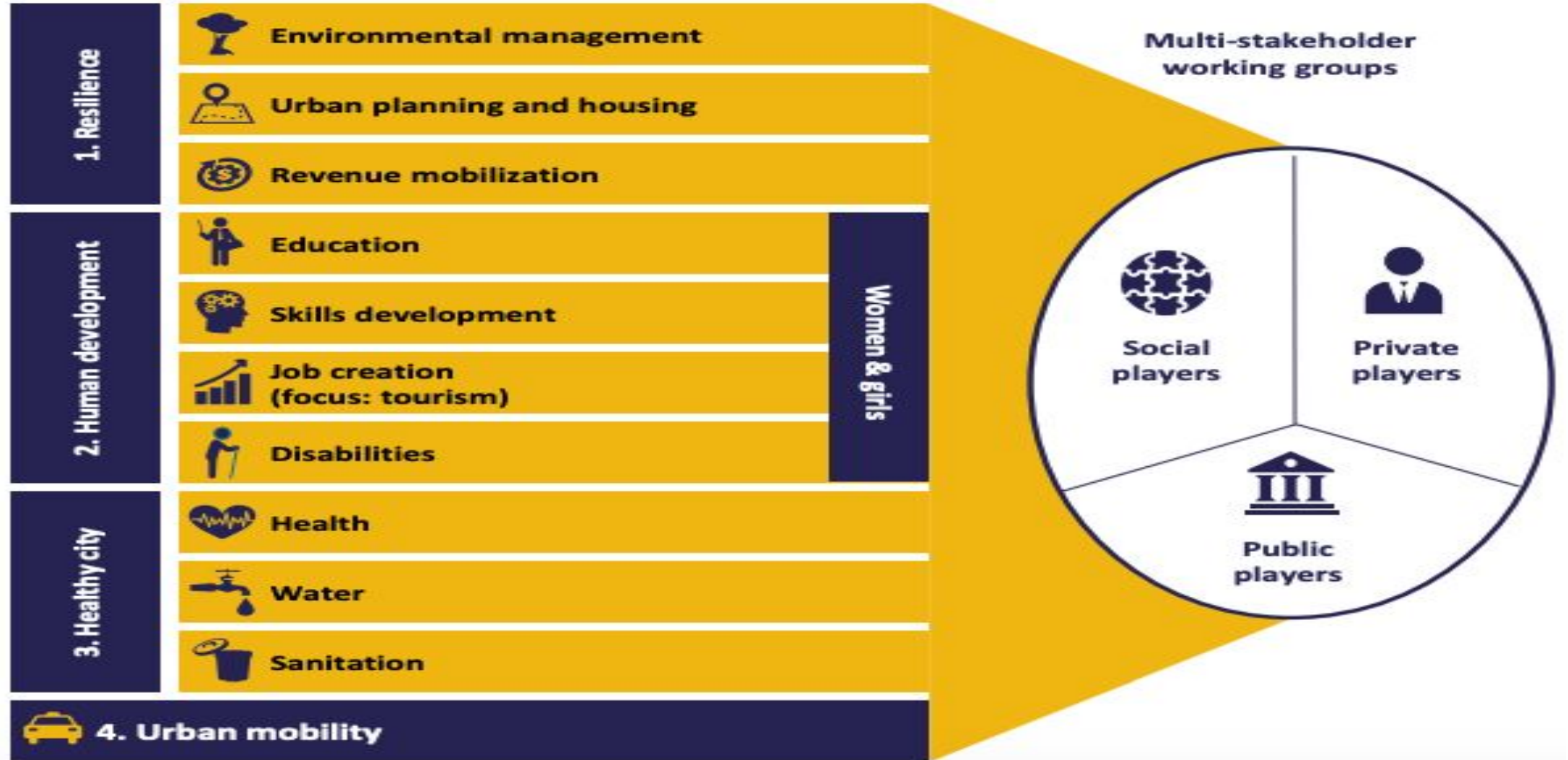


HOW

WHO

4 Clusters

11 Priority Sectors





CLIMATE ACTION EVIDENCE BASE

Mitigation

Goal

- ❑ Commitment to being a net zero emissions city by 2050
- ❑ Leverage support for improving the city's livability and its residents' health.
- ❑ Commitment will complement the national government's mitigation commitments with regard to energy, transport, sanitation and waste management.

Target

- ❑ Reduce GHG emissions by at least 44% by 2050 compared to the base year (2018) level and an interim target of 13% below base year levels by 2030.

Adaptation

Goal

- ❑ Create climate-resilient people, infrastructure and city systems by 2030,
- ❑ Build the institutional capacity and enabling environment required to adapt to climate-related hazards and natural disasters by 2030.

Target

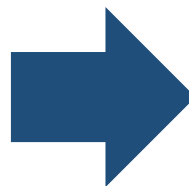
- ❑ Significantly increase funding allocated annually to adaptation projects by 2030 as compared to the base year (2020) by both directly increasing the council's budget allocation to budget lines relevant to adaptation and indirectly increasing the Council's budget for adaptation projects through the cooperation and development of partnerships with external funders supporting adaptation projects.
- ❑ Establish a functional and well-funded climate action and disaster risk management unit in the City by 2030.



ATTOUGA MINI-STADIUM AREA MAP



Site area



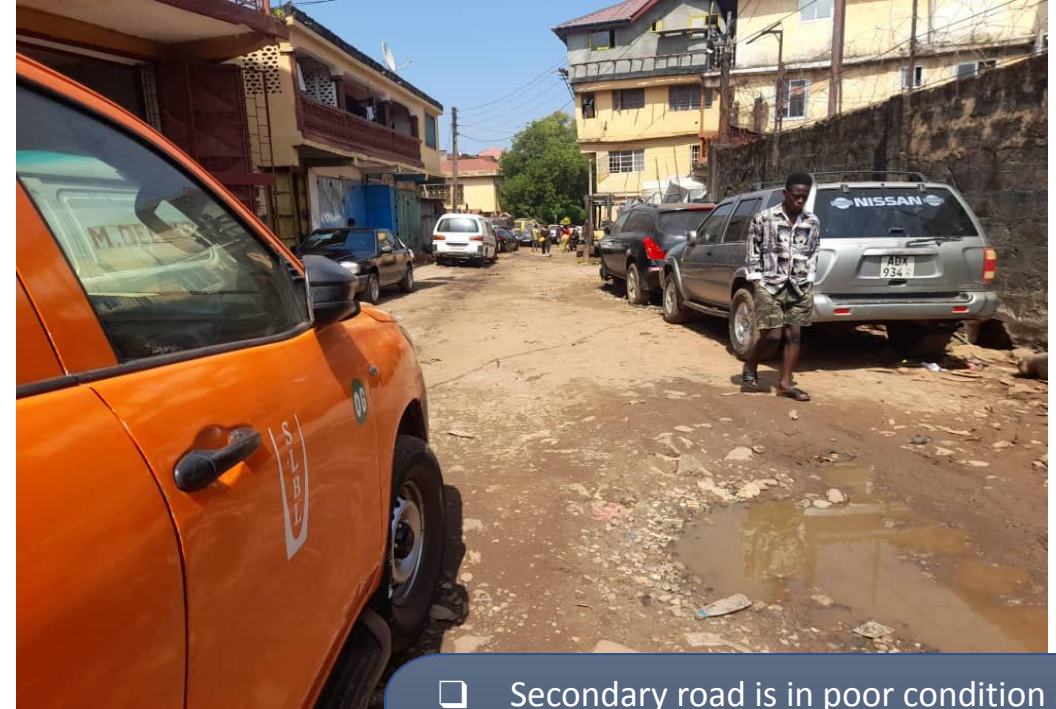
- Total area of the site is about 2.5 acres. (appx. 900m²)
- Total area of the football pitch is 90m x 45m. Located between Bai Bureh Road and Ross Road.
- Eastern Freetown has two-thirds of the city's population (over 500k) and Attouga is the only stadium in this area. Its diverse use ensures wider demographic usage.



FEATURES OF EXISTING SITE



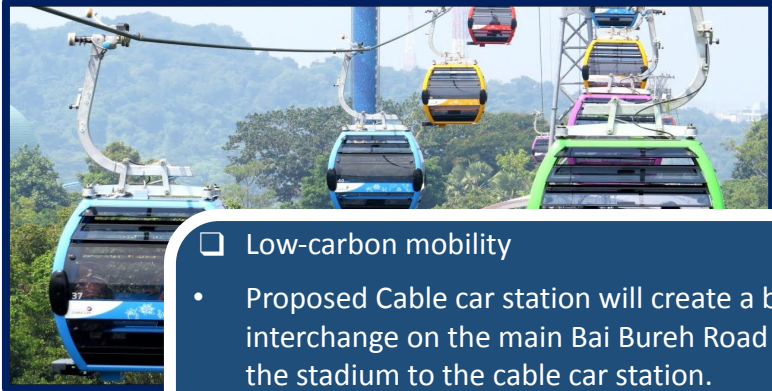
- The area is close to the national seaport which is open to many commercial businesses.
- The site is under utilize with very little infrastructure to encourage public usage.
- The stadium opens to the main Bai Bureh road leading to the provinces



- Secondary road is in poor condition and there are a lot of old scraps vehicles
- Stadium surrounded by mix use and commercial business activities



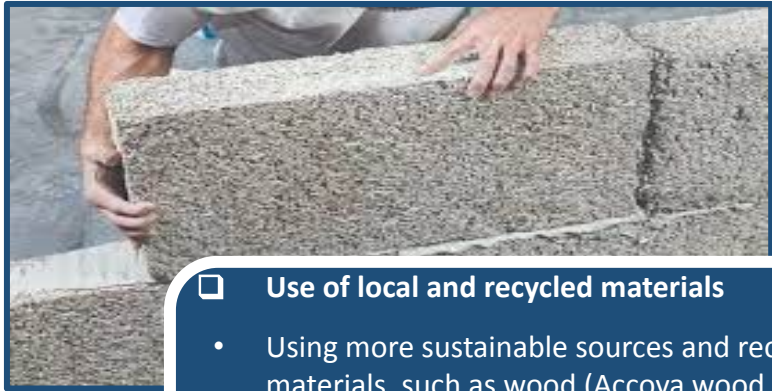
SUSTAINABILITY ASPIRATION FOR THE SITE



- ☐ Low-carbon mobility
- Proposed Cable car station will create a bus interchange on the main Bai Bureh Road to link the stadium to the cable car station.
- Improve access ways and footpaths to the stadium.



- ☐ Energy preservation:
- Reduced energy consumption
- Introducing solar energy



- ☐ Use of local and recycled materials
- Using more sustainable sources and recycling materials, such as wood (Accoya wood, Hydroformed blocks), plastic and paper.
- Use greener building materials to that help fight global resource depletion.



- ☐ Water Conservation:
- Water harvesting and storage facilities for irrigation purposes/watering of flowers.



POTENTIAL FACILITIES AND USE OF STADIUM



- ❑ Multi-purpose indoor sporting space/flexible meeting facility to host community engagement meetings
- ❑ If possible a 25m teaching swimming pool



- ❑ Integrating urban greening strategies and nature-based solutions for the site, providing 10,000-25,000 sitter cover stands using cool roofing systems
- ❑ Limited parking spaces for only essential car users



- ❑ If possible, the design should consider space running tracks around the football pitch.

Q+A

Ask the Freetown City
Team & C40
any questions



Thank you!
Let's create
#TheFutureWeWant

Contact:

students-reinventingcities@c40.org

c40reinventingcities.org



Students
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