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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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

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 projets won the C40 international competition

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

TEDx Students Reinventing Cities

From tragedy to remedy: remediation of the Thai... |
Why should we waste lay waste to another place... |

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
...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

A global competition for universities and students who share their vision for green & thriving urban futures.

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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 KICK-OFF
At the C40 Mayors Summit

20 October 2022

REGISTRATION DEADLINE

30 March 2023

TEAMS SUBMIT THEIR PROJECT
(online submission)

25 May 2023

SELECTION OF THE WINNING PROJECTS

June 2023

WINNERS ANNOUNCEMENT & COMMS CAMPAIGN

July-Sept 2023
**Submission process**

**Phase 1**
- Registration
- Workshop for teams

**Phase 2**
- Final Proposal

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

**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**
Green & Thriving Neighbourhoods

The 15-minute City
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 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.
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...)
1. Resilience
   - Environmental management
   - Urban planning and housing
   - Revenue mobilization

2. Human development
   - Education
   - Skills development
   - Job creation (focus: tourism)
   - Disabilities

3. Healthy city
   - Health
   - Water
   - Sanitation

4. Urban mobility

HOW

Multi-stakeholder working groups

WHO

Social players

Private players

Public players
**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.
Site area

- Total area of the site is about 2.5 acres. (approx. 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.
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

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

- **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.
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