

# Students Reinventing Cities Freetown

Share your vision to  
transform urban spaces  
into green & thriving  
neighbourhoods.



# Webinar Agenda

## **1. Welcome & Introduction (5')**

## **2. Competition Framework (20')**

Ellie White | Reinventing Cities Project  
Officer, C40 Cities

Costanza De Stefani | Reinventing Cities  
Project Manager, C40 Cities

## **3. Site Presentation (20')**

John Miracle Saccoh | Environmental  
Assistant, Freetown City Council

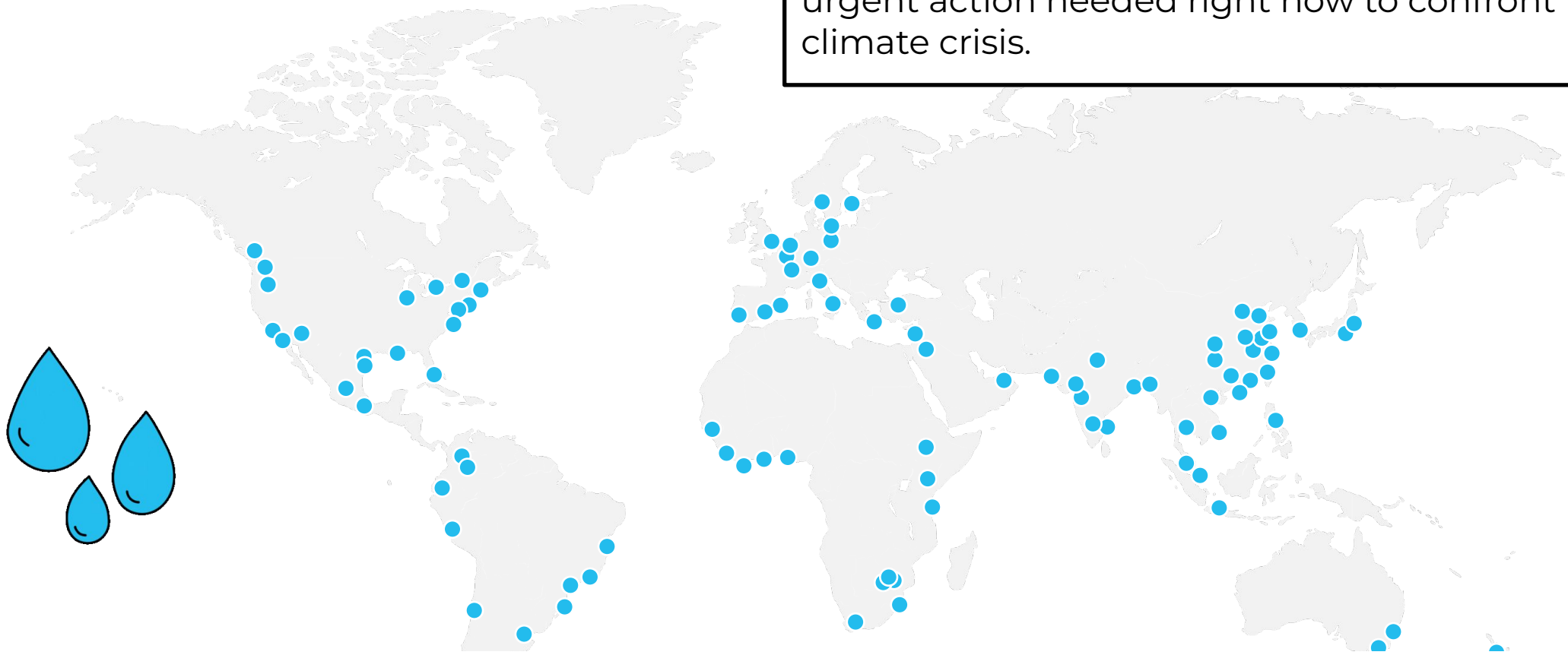
## **4. Q&A (15')**



Students  
Reinventing  
Cities

# C40 Cities

C40 is a network of mayors of **nearly 100 world-leading cities** collaborating to deliver the urgent action needed right now to confront the climate crisis.



Directly representing just under **600 million** residents.  
Making up more than **20%** of the global economy.

# Why do cities matter?

Cities occupy  
**2%**  
of the world's  
landmass

Cities consume  
around  
**75%**  
of the world's  
energy

Cities  
create over  
**70%**  
of energy-related  
greenhouse gas  
emissions

Cities  
generate over  
**80%**  
of the  
world's GDP

The urban model of the 20th Century led to the development of car-oriented public spaces, specialisation of neighbourhoods and urban sprawl.  
**Cities are seeking new design models to transform urban life.**



Poor quality of life



Long commutes



Poor air quality



Lack of facilities



**Integrated spatial planning** for more compact and efficient urban growth, through **proximity, mixed use & Transit-Oriented Development**, could **reduce greenhouse gas emissions by 23-26% by 2050.**

*IPCC, April 2022*

# What is Students Reinventing Cities?

An international **competition** that celebrates innovative proposals that **reduce emissions and improve quality of life**.

For **university students** (all ages & disciplines) & **youth** to form multi-disciplinary teams and **collaborate with cities**.

To reimagine urban spaces into **green & thriving neighbourhoods**, aligning with **city priorities**.



# How does it work?



Cities identify sites they would like to transform & revitalize

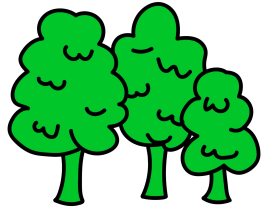
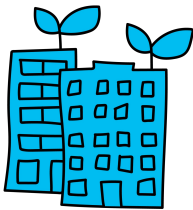


C40 organises the international competition



Youth form teams and submit their best proposals to regenerate the urban areas

8



Students Reīnventing Cīties



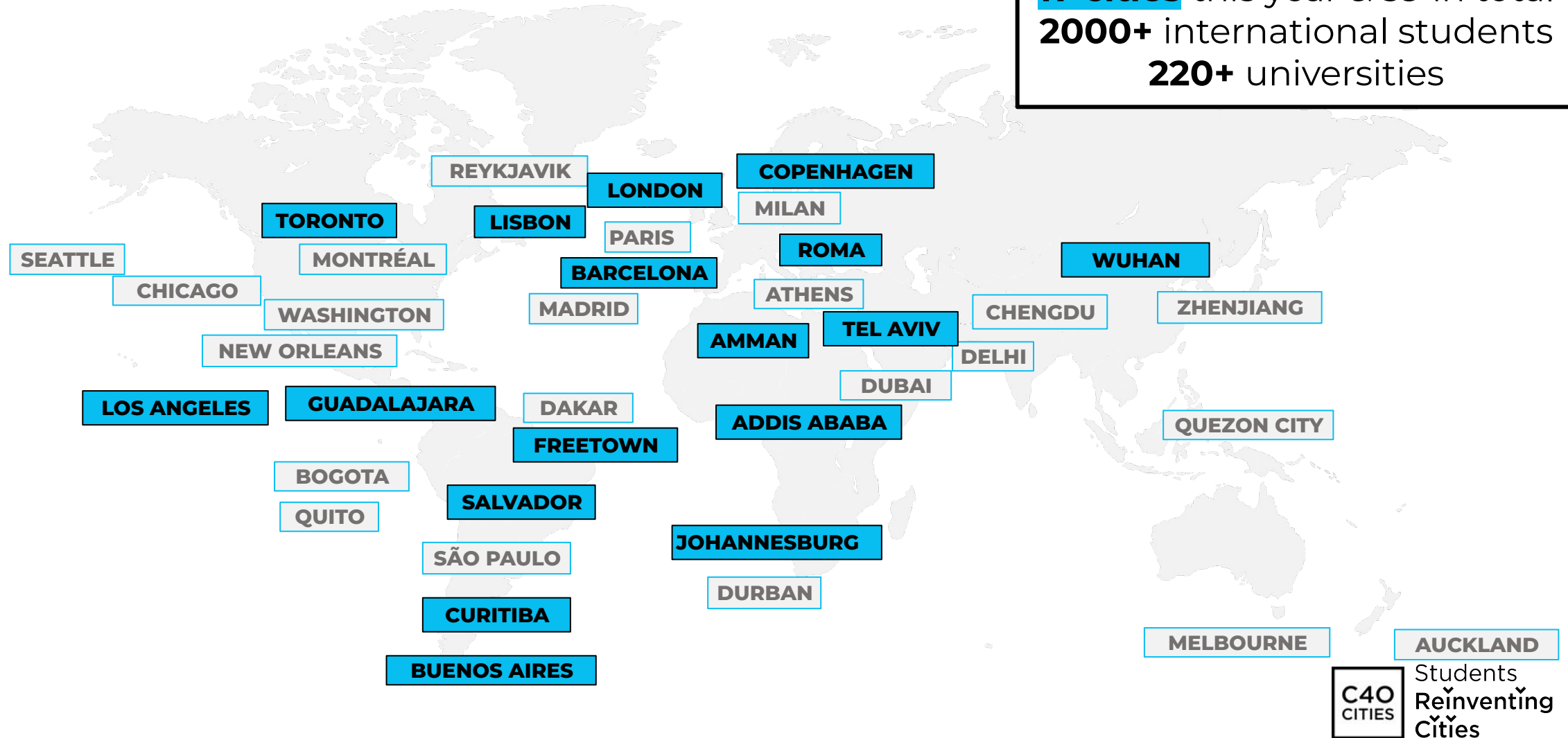
## Who can apply?

- **University students** of any age & discipline (*registered in 2023/24 academic year*).
- **Young people** (18-28).
- **Local** and **international** participants.
- Mixed & **multidisciplinary** teams highly encouraged.
- No maximum number of team members.



# A growing global movement

**3 editions**  
**17 cities** this year & 39 in total  
**2000+** international students  
**220+** universities



# Global success of the competition

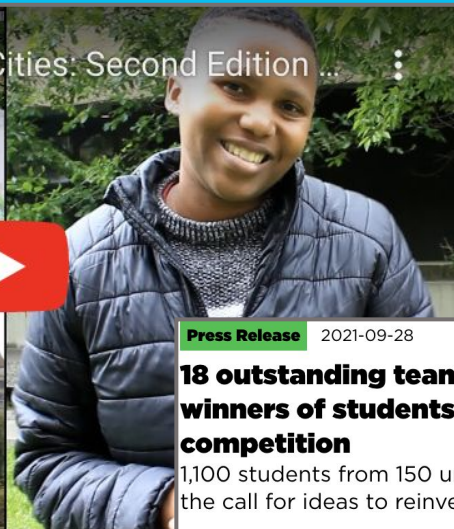
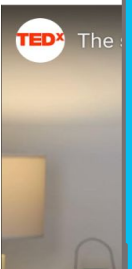


WORLD ARCHITECTURE NEWS

## 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

## TEDx Students Reinventing Cities



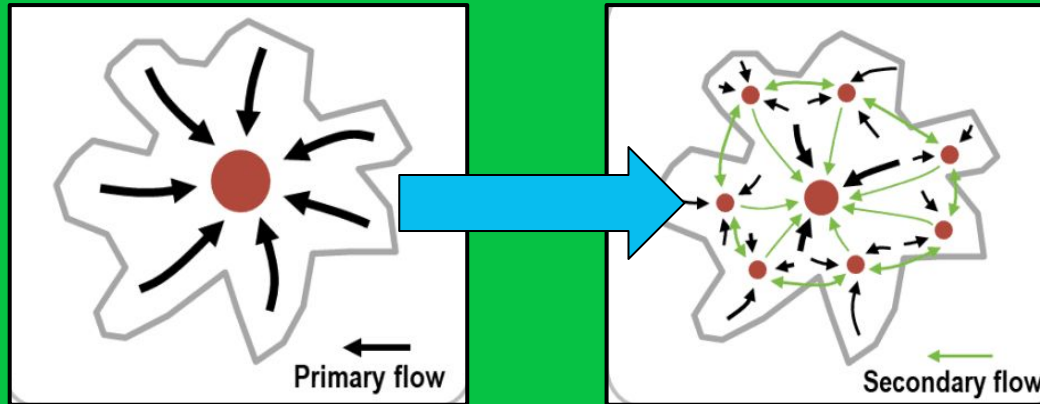
Press Release 2021-09-28

### 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.



# The Proximity Approach



**Monocentric**

**Polycentric**

**Mix of people** and a wide range of housing choices.

**Mix of uses** with integrated local amenities and services.

**Public spaces** that are designed around the needs of the people.

**15 minute City**  
*Paris, Milan, Rome*

**15-minute Community Life Circle**  
*Chengdu*

**Superblock**  
*Barcelona*

**20-minute Neighbourhood**  
*Melbourne*

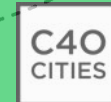
**Complete Neighbourhood**  
*Portland*

**Wellbeing City**  
*Buenos Aires*

**Vital Neighbourhood**  
*Bogota*

**Liveable Neighbourhood**  
*Glasgow*

**And many more...**



Students  
Reinventing  
Cities

# Competition Framework

## Green & Thriving Neighbourhoods

Designing **Green & Thriving Neighbourhoods**, a **cross-sectoral** & **holistic** design approach that maximises **environmental & social benefits**.

Advocating the **proximity model** - a model of **polycentric city** made of multiple **complete neighbourhoods**.



Green economy



Complete neighbourhood



People-centred streets & mobility



Sustainable living

**GREEN**  
Pathway to near-zero emissions

**THRIVING**  
Resilient & people-centred place



Connected places



Green spaces & climate resilience



A place for everyone



Circular resources



Clean construction

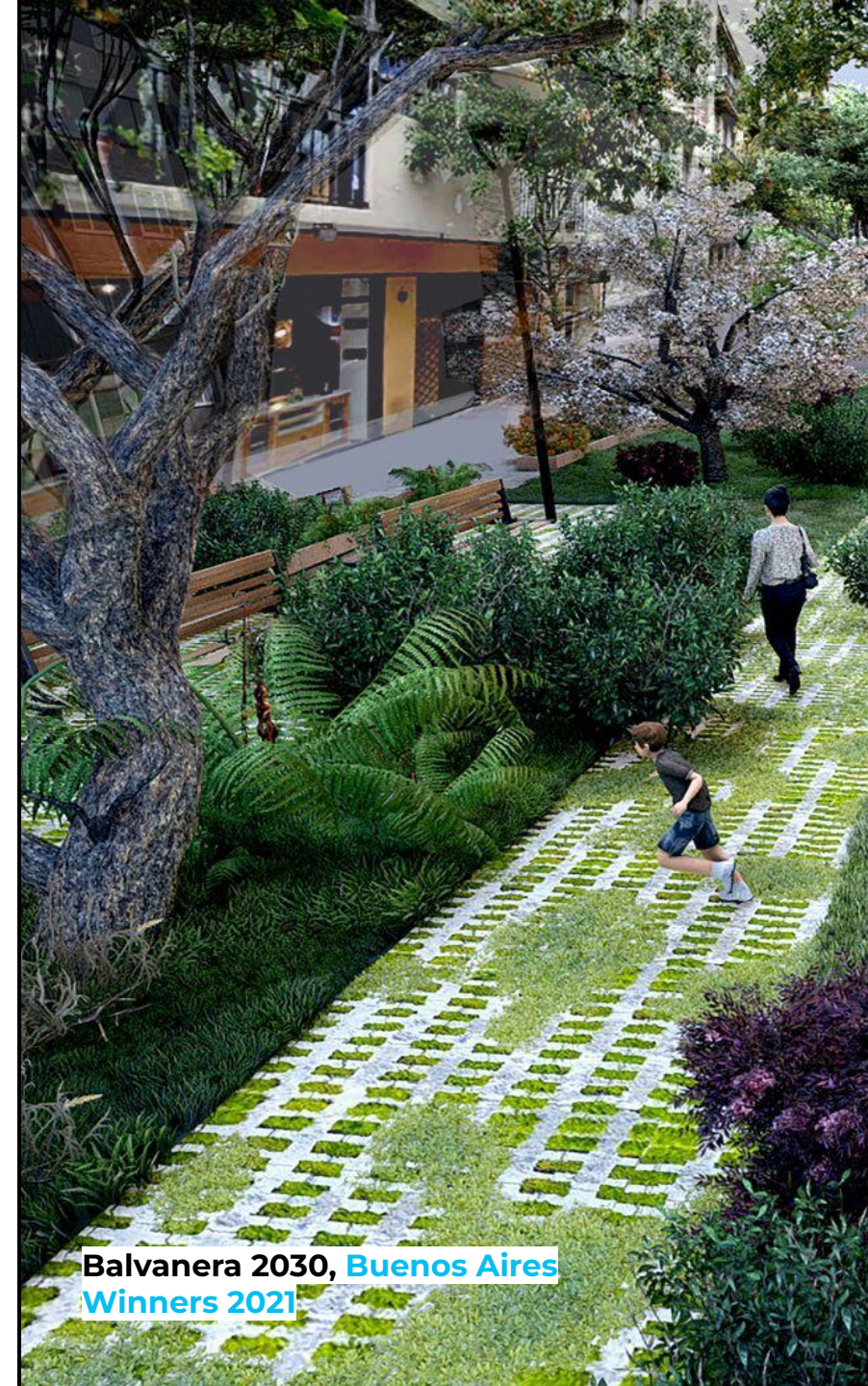


Green energy & buildings

# Develop proposals to reimagine an urban area considering:

<b>City Priorities</b>	Align with city's <b>Climate Action Plan</b> & <b>redevelopment</b> expectations
<b>Green &amp; Thriving Solutions</b>	Solutions to <b>reduce emissions</b> & improve <b>quality of life</b>
<b>Quality of Team</b>	<b>Design approach</b> , variety of expertise, work with stakeholders & additional research
<b>Feasibility</b>	Consider <b>cost, technicality, &amp; timeline</b>

Reinventing  
Cities



Balvanera 2030, **Buenos Aires**  
Winners 2021

# What's required in your proposal

Description of the team

Explain how team worked together

**Use template**

**Updated Team Form**

Design concept

Environmental assessment

Analysis of benefits

**10 pages**

**Project Proposal**

**1** digital illustration board

**3** high-res images/drawings

**Graphic Presentation**

Budget, timeframes & challenges

Compliance with local regulations

Stakeholders & responsibilities

**3 pages**

**Implementation Plan**

# Winning teams awards

**Official certificate** signed by the Mayor & Executive Director of C40

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

**Present work & connect** with city officials & leading sectors

Receive **city-specific prizes** (e.g implementation consideration, internships, exhibitions)





# Competition Documentation

**Regulations & Guidance**  
(Application Guidelines page)

**Site Form + Dataroom**  
(Sites in competition page)

**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*

**Students Reinventing Cities**

**United Polio Brothers and Sisters Association mixed-use development, Freetown**  
*Lower Parsonage Street, Kissy Neighbourhood, Sierra Leone*

The selected site is situated on Lower Parsonage Street, in Shell New Road in Freetown. The site houses a diverse and resilient community of people who are affected by Polio, and who foster unity, peace, and strength amongst themselves.

The site is owned by Freetown City Council and is leased to stakeholders, including the United Polio Brothers and Sisters Association (UPBSA), who are managing the site's ongoing development projects. Currently, a total of 95 stakeholders are involved in activities in the compound. As the legal custodian of the land, Freetown City Council is in a stable position to develop the area, according to the wishes of the community.

The site operates as a multifunctional complex that encapsulates a dynamic blend of uses, including a garbage collection transfer station (operated by the local authority as a separate entity), a training school, retail shops, and temporary residential units.

**Approx. site area**

The site is on flat terrain with an area that is a scalene in shape (four sides are different in length). The perimeters are 269m (North) x 103m (East) 160m (South) 76m (West).

**Key Information:**

The population consists of 75 residents (22 families) whose spirit fosters a close-knit community atmosphere.

The site's diverse uses provide an excellent foundation for the development of a vertical, mixed-use complex.

As this is a small-scale site, students should develop a vertical, mixed-use design that includes retail, leisure, residential facilities, as well as a school and nursery.

The structure should be accessible and

**Documentation**

**[ENG] STUDENTS REINVENTING CITIES - FREETOWN SITE FORM**

**Dataroom Access**

Download specific documents for this site

**OPEN DATAROOM**

Visit [www.c40reinventingcities.org/en/students/](http://www.c40reinventingcities.org/en/students/)



- › HOME
- › SITES IN COMPETITION 2023/24
- › APPLICATION GUIDELINES
- › FAQ
- › PREVIOUS WINNING PROJECTS
- › MANIFESTO

# Students Reinventing Cities

2023/24 competition now live

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 \*

# Competition Timeline

Exceptions for London  
& Buenos Aires

## Competition Launch

Info about all sites & cities live on the website. Team Registration open.

November 2023

21 March 2024

## Teams Registration Deadline

Students form teams and register online.

## Project Submission Deadline

Teams submit a completed proposal.

20 June 2024

July 2024

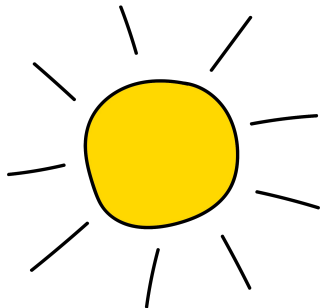
## Selection of winning projects

City, C40 and local experts form a jury to select the winning team.

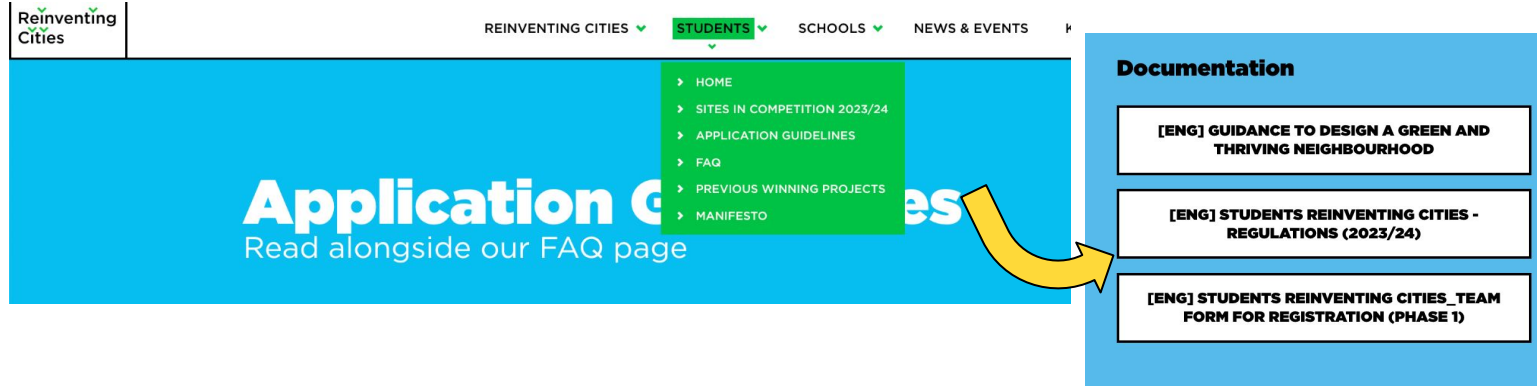
## Announcement of winners

Prizes and media coverage.

September 2024



# Register your team



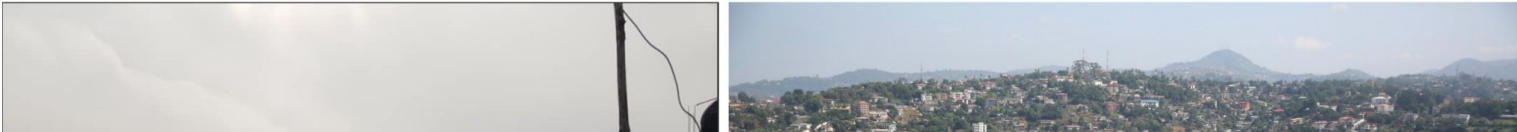
21 March 2024

Download and fill out the team form

➤ **United Polio Brothers and Sisters Association Mixed-Use Development**  
Freetown, Sierra Leone

**REGISTER YOUR TEAM** ➤  
Registration closes on Thursday 21 March 2024 - 5PM UTC

Upload the form via the registration portal





**A Green & Just future is  
the future we want.**



**Join the Students  
Reinventing Cities Network**

[c40reinventingcities.org](https://c40reinventingcities.org)





# **C4O STUDENTS REINVENTING CITIES**

**Proposed Development of the United Polio  
Brothers and Sisters Association (UPBSA) Site  
Kissy, Freetown, Sierra Leone**

**John Miracle Saccoh  
Environmental Assistant**

## Mitigation

### Goal

- Commitment to being a **net zero** emissions city **by 2050**.
- Leverage support for **improving the liveability** of the city and the health & well-being of its residents.
- This pledge will **complement the national government's mitigation commitments** on energy, transportation, 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.
- Establish** a functional and **well-funded climate action and disaster risk management unit** in the City by 2030.

How

Who

Clusters

11 Priority Sectors

Multi-Stakeholder  
Working groups

1.  
Resilience

- Environmental Management
- Urban Planning and Housing
- Revenue Mobilization

2.  
Human  
Development

- Education
- Skills Development
- Job Creation (focus: tourism)
- Disabilities

Women  
&  
Girls

3.  
Healthy City

- Health
- Water
- Sanitation

4. Urban Mobility

Social Players

Private Players

Public Players



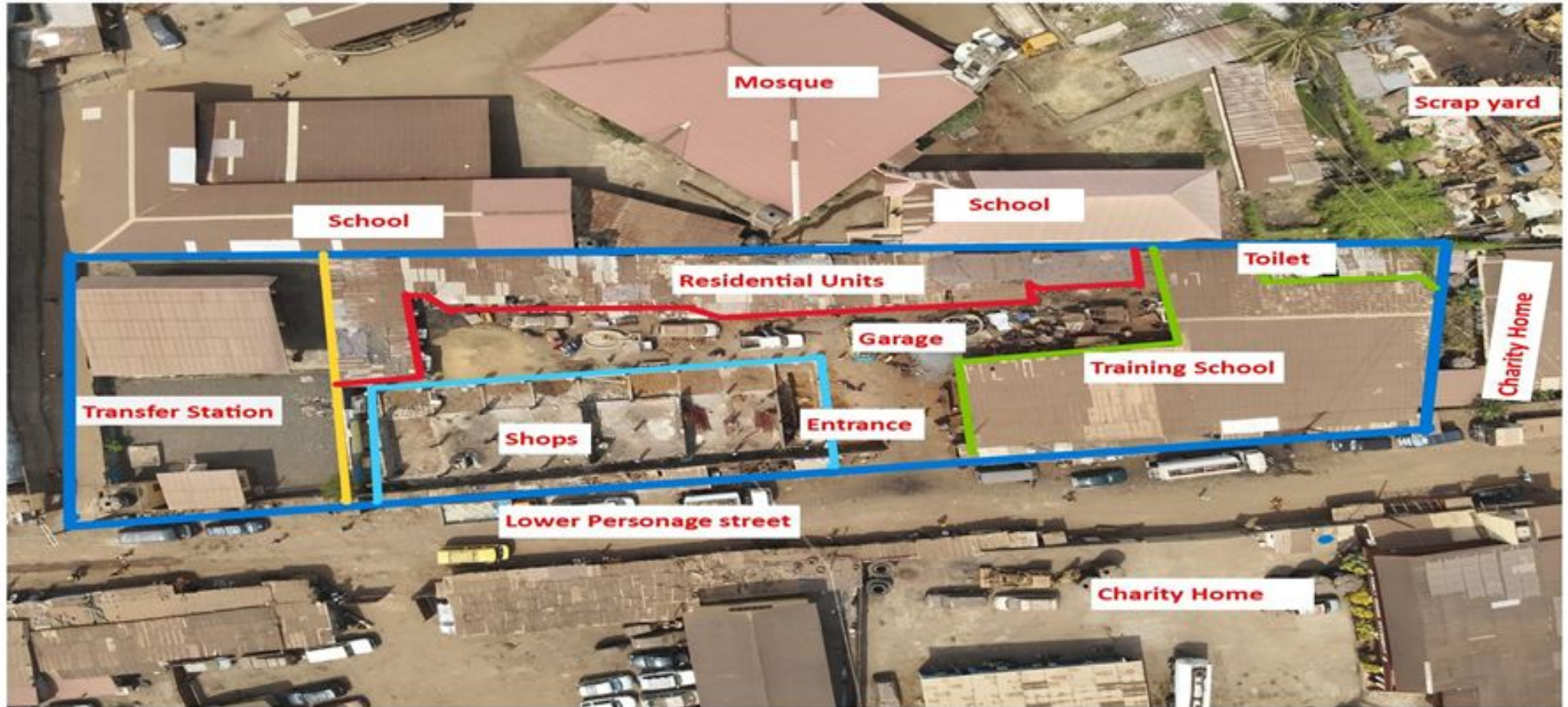
# THE UNITED POLIO BROTHERS AND SISTERS ASSOCIATION SITE



- ❑ Located at Lower Parsonage Street, Kissy Shell, on the **east end of Freetown**, Sierra Leone.
- ❑ It houses a **diverse community** of people who are **affected by Polio**. They foster unity, peace, and strength amongst themselves.



- ❑ It is **owned by Freetown City Council** (FCC) and leased to stakeholders, including the UPBSA.
- ❑ **95 stakeholders** (including children) are involved in activities within the site.
- ❑ As the legal custodian of the land, **FCC can propose development** for the site in consultation with the community.
- ❑ Currently operates as a **multifunctional space** and encapsulates a dynamic blend of elements, including but not limited to: a garbage collection transfer station (operated by FCC as a separate entity); **training school, workshops, vehicle maintenance unit, retail units, and temporary residential units.**



## Site Area

- Total area - 269m long by 103m wide and 160m long by 76m wide.

# KEY SUSTAINABLE ASPIRATION FOR THE SITE



- ☐ **Energy Preservation:**
  - Reduced energy consumption
  - Introduce Renewable energy



- ☐ **Low Pollution:**
  - Using more sustainably-sourced and recycled materials, such as wood (Accoya wood), plastic, and paper
  - Use greener building materials that help fight global resource depletion



- ☐ **Water Preservation:**
  - Water harvesting and storage facilities
  - Water irrigation for watering



A Showroom to display products



Apartments for members



Workshops



Mini Stores



Urban cooling corridors



Metal Workshop view from across the street



UPBSA Members



Inside a Workshop



Retailers Outside the Site



The Transfer Station



Aerial view with the Transfer Station



**Thank you**