



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	2
Objectives	2
Structure of the competition	3
Calendar	3
Team Composition	4
The 10 Principles for a Green & Thriving Neighbourhood	5
Submission	6
Evaluation Criteria and Juries	8
Awards	9

Foreword

Climate breakdown and global temperature rise present an existential threat to the human race. They require a unified global response across all levels of society. Scientists estimate that we are currently on a trajectory that will increase average global temperatures by two degrees above pre-industrial levels by 2100. If these emissions are not appropriately addressed the world will become increasingly vulnerable to the adverse impacts of climate change.

Cities are where we must focus our efforts for a transition to a green and just future. We know that the majority of GHG emissions come from cities and their built environment. As urban populations increase, compact, well connected communities are our best and only way to preserve global resources and fragile biodiversity.

Now more than ever, we must harness a model for low-carbon urban development that promotes a thriving and inclusive future for all our citizens. The C40 Students Reinventing Cities programme provides an opportunity for academics and students to collaborate with global cities. Together they will imagine a more sustainable and inclusive vision for cities everywhere, by rethinking city neighbourhoods.

This competition comes at a key moment. We are at a possible turning point in the global fight against climate change. Across the world, cities are strengthening their climate commitments and actions as we work towards a Global Green New Deal. They are developing an ambitious agenda for a green and just future and building a broad coalition with youth climate activists, representatives from labour, business, academia and civil society.

We are ready to take bold action in this vital revolution for a greener and more equitable future. Are you ready to join us?

Mark Watts, Executive Director of C40 Cities

Objectives

With the Students Reinventing Cities initiative, participating global cities have identified small neighbourhoods, blocks or main streets they intend to transform and revive. Together with C40, they invite multidisciplinary teams of students from around the world to imagine a pathway to decarbonize these urban areas and improve the quality of life for local communities, following the 15-minute city model. Students Reinventing Cities will:

- actively drive collaboration between students and city governments to deliver new approaches for low carbon urbanisation.
- support the development of new ideas and innovative solutions that can be rolled out on a global scale.

- create a space for academics and students to contribute to addressing the climate crisis and shaping a future that has climate and social justice at its heart.
- strengthen students' knowledge on the leading policies, solutions and technologies on sustainability.

Structure of the competition

Participants are required to choose one (or several) site(s) from the participating cities. Participants are not required to choose the site from the city they reside or study in. Participants will develop a design response and comprehensive action plan for the site, to regenerate the area with green solutions.

A Site Form is provided for each city. This is prepared by the city and will summarise the context of the site and detail the cities' objectives and specifications for the project. The Site Form may provide further information regarding submission requirements such as language requirements as well as potential additional awards given by the city. This should be read in conjunction with the details and requirements outlined in this document. An online folder ("*dataroom*") is also available and contains relevant documentation related to the site.

The site page dedicated to the C40 Students Reinventing Cities competition is www.c40reinventingcities.org/en/students/.

Calendar

The competition consists of two key phases: Registration; and the submission of the Final Project.

The timeframe of the competition is outlined below. Some cities may propose a slightly different timeframe which will be specified in the Site Form.

- **Competition kick-off:** 20th October 2022
 - Opening of the website, information available online;
 - Q&A via the website (from 9th January to 17th March 2023); and,
 - Series of webinars to present the competition and the sites (December - March 2023).
- **Registration (mandatory):** participating teams must register prior to 13th April (unless otherwise specified on a specific city's site page) at 5 pm Coordinated Universal Time (UTC)

- Q&A via the website (from 17th April to 12th May 2023); and,
- Series of webinars to support the teams to shape their project (April and May 2023).
- **Submission of the Final Project:** Submissions close 25th May 2023 at 5 pm Coordinated Universal Time (UTC).
- **Analysis of the proposals and final selection by the juries** (one jury for each site) (approx. 1 month).
- **Announcement of the winning projects:** July 2023.

Details about Q&A and Webinars

For a limited duration, one month prior to both the deadline for registration and the final submission, inquiries relating either to the site or to the competition may be asked through the question box on the page dedicated to the site. The questions received will be addressed by the city and C40. The most relevant questions will be compiled and included in a consolidated FAQ, which will be shared to all participants via the site *dataroom*.

Webinars will be organised by C40 and the cities at different stages of the competition. The objectives of these webinars are to share information about the competition and the sites as well as to provide training to the students on urban sustainability and decarbonization, to help them to shape their project. Further information on these webinars will be posted on the website and sent directly to the visitors who have shared their contact details through the website (using the tab 'Keep me informed about this site').

Team Composition

Throughout this document, the term "University(ies)" refers to research institutions, schools, colleges and the entire academic community in higher education, above high school level.

Teams must at least comprise one current university student, enrolled during the 2022-2023 (or 2023) academic year. Teams may also include youth under the age of 25 who are not enrolled in university, as well as additional students.

It is expected that in developing a response, students will draw on knowledge from a wide range of disciplines. To support this, teams may include participants from multiple departments such as architecture, urbanism, environment, engineering, real estate development, sociology, economy, and the arts, among other fields.

The Students Reinventing Cities competition encourages international collaboration between universities. Teams may combine members from the same university or different universities.

It is recommended (but not required) to:

- appoint a member in charge of the project design such as a student in architecture or urbanism, and a member with environmental knowledge.
- have a faculty advisor who may offer support and resources. Students may also consult other external experts. Advisors and external experts cannot directly develop the project or any of the required documents.

Each team must designate one member to receive official communication and to be the main point of contact for the group throughout the competition, this member should be a current university student.

Teams can alter the composition (size and members) of their consortium throughout the competition, however, after the Registration phase, it is expected that the main point of contact will remain the same.

The 10 Principles for a Green & Thriving Neighbourhood

The Students Reinventing Cities competition aims to harness new models for **green** and **thriving** neighbourhoods, that embrace two imperatives:

- **‘Green’: emissions reduction and climate resilience**

Teams are invited to consider operational emissions, embodied emissions from any project construction and consumption-based emissions linked to the consumption of residents and their way of living. Teams should also explore resilience by designing adaptable spaces that allow individuals, communities and cities to recover quickly and bounce back efficiently when shocks and climate-related stresses occur.

- **‘Thriving’: people-centred place**

Teams are invited to integrate the 15-minute city model, which is increasingly adopted as a valuable urban planning principle. Teams should design spaces that consider the needs of people, promote quality of life and foster connectivity and social cohesion as well as healthy and sustainable lifestyles. Projects should promote active mobility such as walking and cycling and create a safe and accessible environment for all people.

The two main objectives outlined above are linked and must be approached in an integrated way.

The competition defines 10 Principles that teams are invited to consider while developing their project.

Further information on the following 10 Principles can be found in the document [Guidance to Design a Green and Thriving Neighbourhood](#), which is available [here](#).

- 1. Complete neighbourhoods**
- 2. People-centered streets and low-carbon mobility**
- 3. Smart and connected places**
- 4. A place for everyone**
- 5. Clean construction**
- 6. Green energy and buildings**
- 7. Circular resources**
- 8. Green spaces, urban nature and climate resilience**
- 9. Sustainable living**
- 10. Green economy**

Teams are invited to consider all 10 Principles while developing their project. However, it is important for teams to focus on the principles that are most appropriate for the site, i.e. emphasise those which will enable the city and the local communities to catalyse change. Each city has indicated in its Site Form specific environmental priorities and objectives for its site.

Submission

Registration

Participating teams will be provided with a template (“Team Form”) to register for the competition. This is available within the *dataroom*. Within this form, teams will specify the expertise each member brings to the team and the university program they are enrolled in. The main point of contact should also be identified.

Content of the Final Projects

The final proposals should include the following main documents:

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

All submissions must be written in English or the language indicated on the Site Form and must use local measurement units and currency where applicable.

1. Completed Team Form

Teams must submit a new Team Form that replaces the one submitted during the Registration phase. Within this form, participants must report any changes in the composition of the team. They must also detail how they worked together to prepare the project (in a specific document of max 1 page). For example, the team may indicate if the consortium worked with an advisor; if they engaged with specific stakeholders such as experts, local associations, actors and citizens; or whether they conducted specific research works. In this 1-page document, the team should not mention the name of the team members and of the Universities they are part of and if applicable, the name of their advisor.

2. Presentation of the Project

The Presentation of the Project is a comprehensive action plan that consists of a **maximum of 10 pages** (A4 or US Letter) made up of text as well as illustrations such as pictures, drawings and sketches. This document should present the actions/solutions proposed by the team to regenerate the area according to the 10 Principles and the priorities outlined by the city in the Site Form. It is recommended to include:

- **Design concept** to specify how the project is integrated into its urban environment and to outline the design choice. Teams are expected to include drawings, site plans and sketches.
- **Environmental assessment of the project** to evaluate the environmental benefits of the projects, especially in terms of reduction of greenhouse gas emissions. Teams are expected to provide a summary in the main 10-page document, however, they may submit further details (e.g. calculation, justifications etc.) in a dedicated appendix (max 5 pages).
- **Evaluation of the community benefits** of the project to specify the broader impacts their project will have on the quality of life of communities.

3. Graphic Presentation

Each team shall provide:

- **One digital illustration board** (A3 or tabloid format) to present their project. The board should indicate the project's title and the name of the city. It should comprise plans, drawings, and any additional graphics. Short text can also be embedded. The board must be set in Landscape orientation.
- **Three high-resolution images/drawings** (1600 x 900 px minimum), that clearly reflect the main ideas for the project (without any text embedded). They may be identical or similar to those used on the digital boards. These will be used for communication purposes, therefore please select images

that you believe will best meet this purpose. At least two of the three images submitted must be in Landscape 16:9 format (format .jpg).

4. Implementation Plan

The Implementation Plan should consist of **a maximum of 3 pages** (A4 or US Letter). It should outline the budget, timeframes and phasing, compliance with the planning rules, specific technical challenges, key actors and responsibilities.

Submission Requirements

All documents (Registration and the Final Project) must be submitted electronically through the site page on the website.

All four of the “Final Project” documents must be uploaded in a single .zip compressed file that must not exceed 1.5 GB. The city and C40 reserve the right to use documents submitted by the teams for public communication purposes.

Evaluation Criteria and Juries

For each site, the final projects will be judged and selected based on the following criteria:

- 1. Quality of the team and of their approach to developing the project.** The jury will assess the different expertise included in the team and the approach used to develop the project. They will specifically value multidisciplinary teams and teams that engage with stakeholders or undertake an innovative approach to collaboration in the development of their project. The competition complies with principles of anonymity, transparency, equal treatment, and non-discrimination. The jury will therefore not have access to the following information: the name of the team members and of the Universities they are part of and, if applicable, the name of the advisor.
- 2. Quality of design and relevance of the project to the specifics of the site.** The jury will assess the team’s understanding and response to the local context and the city’s expectations and objectives. The quality of the design proposed will be evaluated against the extent to which it responds to the site-specific context.
- 3. Proposed solutions to respond to the 10 Principles.** The jury will assess the quality and the innovative nature of the proposed solutions in delivering on the principles. Solutions will also be considered in terms of their replicability across the city and the world.

- 4. Feasibility of the project.** The jury will assess the team's Implementation Plan and evaluate the feasibility of the project, against city-specific considerations, such as costings, technical elements, compliance with local rules and broader project timelines.

For each site, the final projects are evaluated by a jury that will be composed of representatives from the city, C40 and may include external international experts. The composition of the juries will be made public.

A winner is selected for each site, special mentions may be identified as well.

Awards

For each site, the winning team will:

- Receive public recognition by both the city and C40. This will include the receipt of an official Certificate signed by the Mayor of the city and the Executive Director of C40.
- Receive coverage in local and global communication campaigns (incl. social media, press releases, featuring on the C40 Reinventing Cities website).
- Be featured in an official video sponsored by C40 that will celebrate their project.
- Be invited to present their project to business leaders, city officials and/or leading climate organisations.
- Be invited by the city to stay involved in an advisory role regarding future projects in the area (*optional*).

Additional awards may be given, at the city's discretion. Further information regarding additional awards can be found within the city-specific Site Form.