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International Design Challenge

CLIMATE RESILIENT NEIGHBORHOOD: NEIGHBORHOOD SCALE SOLUTIONS TO GLOBAL CLIMATE CHALLENGES

First Edition

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Climate Resilient Neighborhood

NEIGHBORHOOD SCALE SOLUTIONS TO GLOBAL CLIMATE CHALLENGES

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Introduction

Climate change is reshaping the way we design and inhabit our communities. Urban neighborhoods face increasing risks from flooding, heatwaves, storms, and resource scarcity. This competition invites architects, planners, designers, and students to envision resilient neighborhoods that not only mitigate climate risks but also enhance community well-being, social cohesion, and ecological balance. Participants are encouraged to propose innovative, adaptable, and locally responsive strategies that can serve as models for neighborhoods worldwide.

Objective

The primary goal of this competition is to generate practical, scalable solutions at the neighborhood scale that address climate-related challenges. Participants should focus on:

- Adaptation strategies for climate hazards (flooding, heat islands, storms, drought, etc.)
- Sustainable resource management (water, energy, waste, green infrastructure)
- Enhancing social resilience and community engagement
- Integrating ecological networks and biodiversity
- Future-proofing neighborhood design for long-term environmental and social resilience

The Building Program

Participants are expected to develop a conceptual plan for a **climate-resilient neighborhood** that includes:

- **Housing and Mixed-Use Structures** – Adaptable, energy-efficient, and socially inclusive.
- **Public Spaces & Streetscapes** – Parks, green corridors, communal spaces designed to manage climate risks.
- **Infrastructure & Utilities** – Resilient energy, water, and waste systems integrated with urban form.
- **Ecological & Landscape Design** – Floodable areas, urban forests, and biodiversity corridors.
- **Community Resilience Elements** – Emergency hubs, social gathering areas, and inclusive design interventions.

Site

Participants can choose any urban or peri-urban area globally to implement their neighborhood-scale interventions. The site should be clearly defined and documented with maps, aerial imagery, and climate vulnerability data.

Timeline

Launch Date: 1st January 2026

Registration deadline: 16th January 2027

Submission deadline: 26th January 2027

Result Announcement: 1st April 2027

Submission Requirements

Participants must submit:

- Design Panels – minimum 2 panels and maximum 6 panels (panel size: A2, Landscape, format jpeg./jpg.)
- A brief **concept description** (format docs. File)

Drawings may include:

- Concept diagrams
- Plans, sections, elevations
- 3D views / visualizations
- Exploded diagrams or process sketches

Important:

- No participant names, university names, or identifying marks are allowed on the submission sheets
- Design title and slogans are permitted
- Submissions must follow anonymity rules strictly

Jury

The jury panel will consist of experienced architects, designers, educators, and industry professionals from diverse backgrounds. Entries will be evaluated based on:

- Climate Resilience & Adaptation
- Innovation & Creativity
- Sustainability
- Feasibility & Scalability
- Design Quality & Presentation

The jury's decision will be final and binding.

Eligibility

- Open to all.
- Individual and team entries are allowed
- Team size: minimum 1 – maximum 4 members
- No restrictions on age, nationality, or academic background

Contact Details

Brief link: https://www.archiolcompetitions.com/competitions/climate_resilient_neighborhood

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Organizers

Archiol Competitions

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