International Design Challenge

ZERO EMISSION WONDERS |
OFF THE GRID HOME DESIGN 2024

Third Edition

Register Now!

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INTRODUCTION

Welcome to the forefront of innovation and sustainable design with Archiol's highly anticipated third edition of the Zero Emission Wonders - Off the Grid Design Competition.

As we stand at the nexus of environmental consciousness and architectural brilliance, the spotlight turns to tiny houses, becoming beacons of inspiration for a world in search of ecologically responsible living solutions. The global landscape is evolving, and the need for sustainable, eco-friendly habitats has never been more urgent. The competition serves as a pivotal platform for visionaries to explore the uncharted realms of off-the-grid living, where innovation converges with environmental stewardship.

In an era where urban landscapes are dominated by grid-dependent structures, the Off the Grid Design Competition is a rallying cry for transformative ideas that challenge the status quo. The emphasis on tiny houses not only underscores the importance of resource efficiency but also encourages participants to think beyond the conventional boundaries of residential architecture.

Beyond the mere aesthetics, this competition is a conscientious exploration into the future of living—where sustainability isn't an afterthought but the very essence of design. With the critical issue of over-reliance on existing grid systems at the forefront, participants are invited to conceptualize, design, and realize dwellings that stand as testament to self-sufficiency, harnessing renewable energy, and embracing innovative technologies.

Embark on a journey that transcends the ordinary, where sustainability merges seamlessly with creativity. Join Archiol in redefining the narrative of residential living through the Zero Emission Wonders - Off the Grid Design Competition, and let your imagination become the catalyst for a more sustainable and harmonious future.

OBJECTIVE

The primary objective of this competition is to encourage the design of dream homes within a limited space of 37 square meters, focusing on sustainability. Participants are required to create innovative, off-the-grid housing solutions that are not only functional but also aesthetically pleasing and environmentally responsible. The competition aims to challenge the current housing paradigms and inspire creative, sustainable, and self-sufficient living spaces.

THE BUILDING PROGRAMME

Participants must design a home for a maximum of two people, considering all the necessary functions for comfortable living, within a 37-square-meter footprint. This includes sleeping, cooking, dining, sanitation, and living spaces. Creative and efficient use of space is encouraged.

SITE

The competition is site-agnostic, allowing participants the freedom to choose their own imaginary location for their design. The design should, however, take into account the potential site conditions such as climate, topography, and environment.

DESIGN FLEXIBILITY

Participants have the creative freedom to explore innovative architectural solutions, making the most efficient use of limited space. The design should offer flexibility to adapt to different environments and changing needs over time.

SUSTAINABILITY

Sustainability is a key focus of this competition. Designs must incorporate eco-friendly and off-the-grid principles, which may include but are not limited to:
- Renewable energy sources
- Water recycling and conservation
- Waste management
- Sustainable and locally-sourced materials
- Passive design principles
- Biodiversity and green spaces

PROJECT PROPOSAL REQUIREMENT

Site Submissions must include the following:

1. Architectural Drawings: These should include floor plans, elevations, sections, and any other relevant drawings that effectively communicate the design.
2. Written Description: A brief written description explaining the design concept, the use of sustainable technologies, and how the design meets the criteria outlined in this brief.
3. Sustainability Features: A detailed list of the sustainability features incorporated into the design.
4. Visualizations: Renderings, 3D models, or any other visual representation that helps convey the design concept.
5. Site Plan: If applicable, provide a site plan indicating how the design would fit within its chosen environment.

AWARDS
- Top 3: Certificate + Interview + Publication + score card with inputs
- Honourable mention: Certificate + Publication.
- Shortlisted: Certificate.

TIMELINE
- Competition Announcement: 1st January 2024
- Registration Opens: 1st January 2024
- Registration Deadline: 10th June 2024
- Submission Deadline: 20th June 2024
- Result Announcement: 27th July 2024

REGISTRATION FEES

REGISTRATION	TIMELINE		INTERNATIONAL FEES (USD)	INDIAN FEES (INR)
LR 01	1ST April – 25th April	2024	30	600
LR 02	26th April–10th May	2024	32	700
LR 03	11th May – 25th May	2024	34	800
LR 04	26th May –10th June	2024	36	900

DISCOUNTS
- Architecture Students group
  - min. 5 participants from the same institution: 10% off on regular & late registration fee.
  - min. 15 participants from the same institution: 20% off on regular & registration fee.

SUBMISSION REQUIREMENTS
Participants are required to submit the following materials:

- Design sheets (2 -5) jpeg. / jpg. Format. (dimension: 30cm x 30cm, file size: 25mb)
- Design description with a title (Min. 300 words) – docx. / docs. Format

SUBMISSION GUIDELINES

Presentation Board Numbering:
- Number your presentation boards (JPG/JPEG format) sequentially as 01, 02, 03, ensuring clarity and order in the visual representation of your design concept.

Summary Document Naming:
- Save your design description in a document file (DOCX/DOC format) and name it "Design Description." This document should provide a concise yet comprehensive overview of your architectural concept.

Zip Folder Creation:
- Compile all your "presentation boards" and the "Design Description" document into a single zip folder for ease of submission.

Zip Folder Naming:
- Name your zip folder using your assigned participation code. This ensures accurate identification and association of your submission with your team or individual entry.

Submission Platform:
- Utilize Google Drive as the submission platform. Upload the zip folder containing your presentation boards and "Design Description" document to your Google Drive account.

Accessibility of Google Drive Link:
- Ensure that the shared Google Drive link is accessible. Inaccessibility may result in the non-consideration of your submission. Double-check permissions to guarantee seamless access for the competition organizers.

Email Submission:
- Submit your entry by sending an email to **submit@archiol.com**. Include the shared Google Drive link in the body of the email. It is crucial to comply with this step for your submission to be valid.

  Email Subject Format:
  - In the subject line of your email, clearly state the competition name followed by your participation code. This standardized format streamlines the organization's handling of numerous submissions.

  Email Body Content:
  - The body of the email should contain the shared Google Drive link along with essential information, such as the name of the team leader. Additionally, attach the payment receipt or screenshot to verify the completion of the registration process.

Terms and Conditions:
- By submitting your design, you agree that they are your original work.
- You grant permission for the organizers to publish your design on their website or in promotional materials related to the competition.
- Plagiarism will result in disqualification.

JURY

We collaborate with leading architects, designers, and academicians of international repute to participate as jury members in our competitions.

JUDGING CRITERIA

1. **Sustainability:** The extent to which the design incorporates off-the-grid, sustainable technologies and principles.

2. **Innovation:** The creativity and ingenuity demonstrated in the design's use of space, materials, and energy-efficient solutions.

3. **Functionality:** The efficiency of the design in providing all necessary functions within the limited space while maintaining comfort and usability.

4. **Aesthetics:** The overall visual appeal and architectural quality of the design.

5. **Adaptability:** The design's potential to adapt to different environments and changing needs over time.

6. **Feasibility:** The practicality and feasibility of the design, considering construction and maintenance.

EIGIBILITY

The competition is open to architects, designers, artists, and creative thinkers from around the world. Participants can enter as individuals or in teams (max. 4 members in one team).

Media Partners:

CONTACT DETAILS
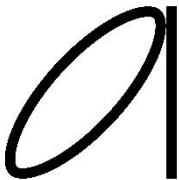
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