International Design Challenge

REBIRTH |
Old Structures, New Homes.

First Edition

Register Now!

Rebirth:
Old structures, New Homes

Introduction

As contemporary architecture continually evolves, the practice of adaptive reuse has emerged as a crucial approach for addressing both preservation and innovation. "Rebirth: Old Structures, New Homes," presented by Archiol Competitions, is a design challenge that celebrates this intersection by inviting participants to breathe new life into historic or outdated buildings.

In a world where sustainability and historical preservation are increasingly valued, repurposing old structures offers a powerful opportunity to honor the past while embracing the future. This competition encourages architects and designers to embark on a creative journey, transforming structures that once served different functions into vibrant, modern residences. The goal is to strike a harmonious balance between preserving the architectural and cultural essence of these buildings and integrating them with contemporary residential needs and sustainability practices.

Participants are tasked with envisioning how these structures can be adapted to meet the evolving requirements of today's homeowners. The designs should not only reflect a deep respect for the building's historical significance but also address modern living standards, such as energy efficiency, comfort, and accessibility. Through this competition, we seek innovative solutions that redefine how we interact with and inhabit our built heritage, ultimately contributing to a more sustainable and culturally rich future.

"Rebirth: Old Structures, New Homes" is more than just a design challenge—it's an opportunity to create spaces that honor history while setting a new standard for adaptive reuse in architecture. We invite you to explore the potential of these old structures and contribute to a reimagined future where the past and present coexist in harmony.

Objective

The primary objective of the "Rebirth: Old Structures, New Homes" competition is to ignite creative solutions in the adaptive reuse of historically significant buildings, transforming them into modern, functional residences. This challenge is designed to explore how old structures can be revitalized and repurposed, merging historical integrity with contemporary living standards.

Participants are tasked with the following key objectives:

- Innovative Transformation: Develop designs that creatively repurpose existing buildings, maintaining their historical essence while adapting them into modern homes. The goal is to find innovative ways to reimagine spaces that honor their past but function effectively in the present.
- Integration of Modern Amenities: Address the complexities of integrating modern residential needs within the constraints of existing structures. This includes incorporating updated utilities, amenities, and technologies while respecting the building's original character.
- Sustainability: Implement energy-efficient solutions and sustainable practices in the design process. This involves not only reducing the environmental impact but also enhancing the building's performance and livability through green technologies and sustainable materials.
- Historical Respect: Ensure that the new design respects and preserves the historical significance of the building. This means carefully balancing modern interventions with the preservation of key architectural elements and cultural heritage.
- Functional Living Spaces: Create functional and comfortable living environments that meet contemporary standards. Designs should address residential needs such as privacy, comfort, accessibility, and aesthetic appeal while making the most of the existing architectural features.

Overall, the competition seeks to highlight how historical structures can be thoughtfully and effectively adapted to meet today's housing demands, fostering a dialogue between past and present in the realm of architectural design.

The Building Program

- Type of Structure: Participants may select from a variety of existing structures, including warehouses, factories, schools, and churches.
- Residential Requirements: The design should accommodate typical residential functions, such as living areas, bedrooms, bathrooms, and kitchen spaces.
- Functionality: Designs must incorporate contemporary standards for comfort and accessibility while preserving the building's historic features.

Site

The competition allows participants to choose their own site for the adaptive reuse project, provided that the selected structure has historical or architectural significance. Participants are encouraged to select sites that present unique challenges and opportunities for creative transformation.

Sustainability

Sustainability is a core aspect of this competition. Participants are expected to incorporate eco-friendly practices in their designs, including but not limited to:

- Energy-efficient systems
- Sustainable materials
- Waste reduction strategies
- Integration of green spaces

Project Proposal Requirements

- Design Concept: A clear and innovative approach to transforming the selected structure into a functional home.
- Architectural Drawings: Floor plans, elevations, sections, and 3D renderings.
- Sustainability Plan: Details of the environmental considerations and sustainable practices employed.
- Historical Context: A brief description of the building's historical significance and how it is integrated into the new design.
- Budget Estimate: A preliminary cost analysis for the proposed design.

Timeline

- Registration Deadline: 10th January 2026
- Submission Deadline: 20th January 2026
- Winners Announcement: 20th April 2026

Submission Requirements

File Format:
- All entries must be submitted as a single PDF document.

Sheets:
- Minimum of 3 sheets, maximum of 6 sheets.
- Each sheet should include designs, drawings, and views that effectively communicate the project concept.

Text Explanation:
- Each sheet must contain explanatory text that describes and supports your design decisions.
- Text should be clear and concise, highlighting the main ideas and features of the project.

Content to Include (per sheet):
- Design Concepts: Conceptual drawings, diagrams, and sketches.
- Plans, Elevations, and Sections: Architectural plans, cross-sections, and elevations.
- Views and Renderings: 3D views, perspectives, or rendered images of the project.
- Diagrams: Illustrations explaining circulation, spatial relationships, environmental or structural concepts.

Resolution and Quality:
- All sheets should be high-quality, legible, and visually clear.

File Size:
- The total file size should not exceed 20 MB.

Naming Convention:
- The file should be named as: CompetitionName_ParticipationCode.pdf

Anonymity:
- No names, logos, or identifying marks should appear on any of the submitted sheets to ensure anonymity during judging.

Submission Guidelines

Sign in to Your Account:
- Visit the Archiol website and sign in to your account.

Access Your Competition Submissions:
- In the header, click on the arrow beside your profile picture. Select the option labeled "My Competition Submissions."

Submit Your Entry:
- Click on the "Submit My Entry" button.

Select Competition:
- Choose the competition name for which you wish to submit your entry.

Enter Participation Code:
- Input the participation code that was generated during your registration.

Title Your Submission:
- Provide a title for your submission.

Upload Title Image:
- Upload the image that will represent your project.

Upload Design PDF:
- Submit your project in PDF format (ensure it meets the competition's requirements).

Consent:
- Check the box to agree to the competition terms and conditions.

Submit:
- After filling in all required fields, click "Submit."

Confirmation:
- Your submission will appear in "My Competition Submissions" within 24 hours.

Eligibility

The competition is open to all architects, designers, students, and creative individuals globally. There are no restrictions on age or nationality.

Contact Details

For any inquiries or further information, please contact us at:

- Email: info@archiolcompetitions.com
- Website: www.archiolcompetitions.com