

150 Best New Eco Home Ideas

A photograph of a modern, eco-friendly home. The house features a prominent green roof with a concrete parapet. Large glass windows and doors provide a view of the interior and the surrounding landscape. The building is constructed with light-colored wood and concrete. In the background, there are mountains and trees under a clear sky. A large tree branch is visible in the upper right corner.

Francesc Zamora Mola



Edgeland House

Bercy Chen Studio

Austin, Texas, United States

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Edgeland House is located on a rehabilitated brownfield site. It is a modern re-interpretation of one of the oldest housing typologies in North America, the Native American Pit House. The Pit House, typically sunken, takes advantage of the earth's mass to maintain thermal comfort throughout the year. Such an architectural setting presents an opportunity for maximum energy efficiency. This project sets new standards for sustainability, while providing great aesthetic qualities through its small footprint and integrated mechanical features.

The program is broken up into two separate pavilions, one for daytime activities, and the other for resting. With no enclosed passage between the two blocks, going from one block to the other requires direct contact with the outside elements.



Floor plan

- | | | |
|----------------|---------------|--------------------|
| A. Entry | E. Smart pool | I. Mechanical room |
| B. Powder room | F. Patio | J. Guest trailer |
| C. Kitchen | G. Bedroom | |
| D. Living area | H. Bathrooms | |



East elevation



North elevation



West elevation



South elevation



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Edgeland House's relationship to the landscape, in terms of building performance, involves an insulative green roof and a seven-foot excavation that takes advantage of the earth's thermal mass to keep the house cool in the summer and warm in the winter.



Green Lantern Residence

John Grable Architects

San Antonio, Texas,
United States

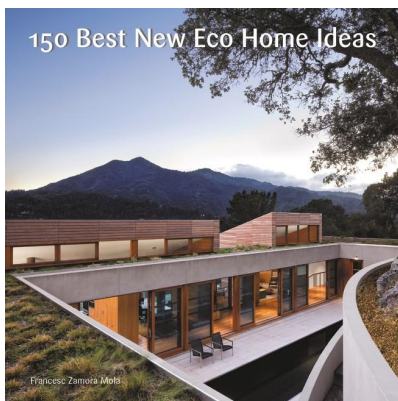
© John Grable Architects

Green Lantern Residence is a new one and two-story public space addition built around an original 1948 ranch-style house. This original single-story bedroom block was kept intact, while the existing foundation and wood from a removed structure were reused for the construction of the addition. The project was developed around the architect and client's respect for the environment. The challenge was to balance innovative sustainable technologies with time-honored techniques, while also drawing from and integrating with the historic context of the neighborhood.

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Contributor Images**Key Selling Points:**

The highly successful 150 Best series has sold more than 230,000 copies in all editions combined.

150 Best New Eco Home Ideas includes nearly 500 pages of full-color photographs at a budget-friendly price.

Harper Design will simultaneously publish *150 Best Interior Design Ideas*.

Summary

Discover the latest in sustainable architecture and environmentally friendly home design in this outstanding volume in the popular 150 Best series, which features nearly 500 pages of full-color photographs and dozens of inventive and decorative profiles

Architects, designers, and homeowners today looking for comfortable, beautiful dwellings with a minimal carbon footprint will find a cornucopia of ideas in this handsome compendium. A fabulous review of the most forward-thinking eco-friendly house designs being created today, *150 Best New Eco Home Ideas* showcases the work of internationally renowned architects and designers who have achieved practical, innovative, and stunning solutions around the globe.

From solar paneling and wind energy systems to environmentally-friendly heating and cooling solutions and thermal glazing to trombe walls, *150 Best New Eco Home Ideas* covers the latest trends and breakthroughs in eco homes. Inspiring and inventive, this lush sourcebook is essential for architects, designers, interior decorators, and all conscientious homeowners interested in creating warm and inviting homes with only a fraction of the environmental impact of those using conventional methods.

Contributor Bio

Francesc Zamora Mola studied interior design in Barcelona and later in San Francisco, where he honed his design skills working with innovative architecture firms. He lives in Barcelona and applies his experience to editing and writing about design and architecture.