

Eco-Friendly Crossbox House by CG Architectes

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The Crossbox House was built in Pont Péan, France.

Two containers were placed on top of each other, displayed in a cross, hence the name.

The first floor volume was painted in a beautiful shade of dark grey, while the second floor volume has cladding painted in different shades of green.

Another small volume, dressed in pieces of natural wood stands near the home.

This color combination is the perfect mix between natural and contemporary.

The interior of the house is cosy and bright, large enough to offer the inhabitants a comfortable living area.

Featuring a green roof, this container home offers additional space for planting greens necessary in a household.

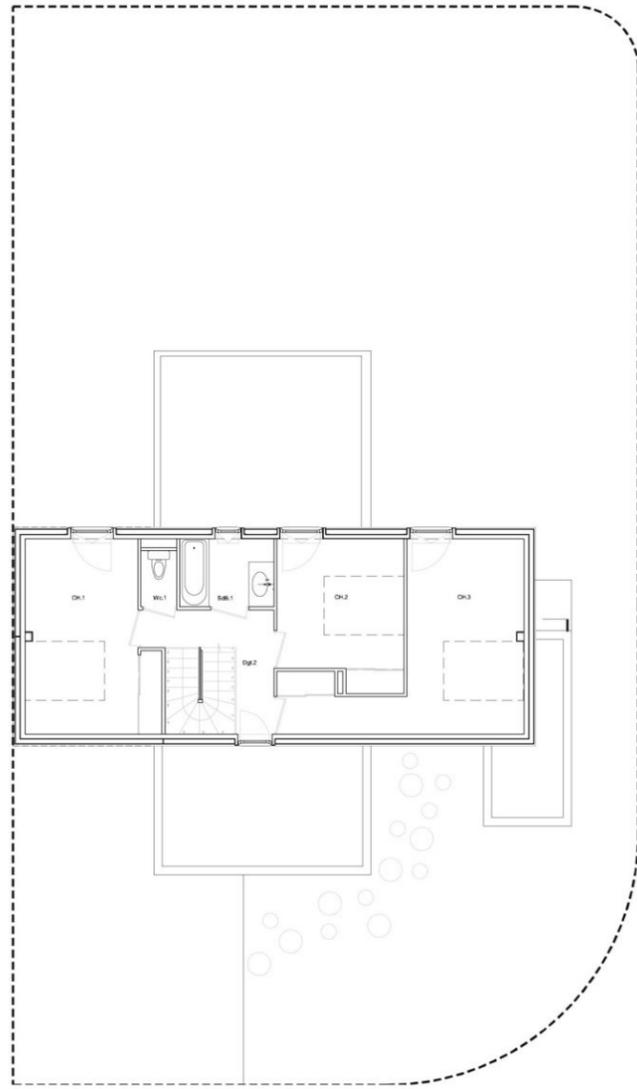
The sleek green and black finishes emphasize the stacked block concept and contrast with the wood of the adjacent garden shed.

Modern houses usually have open plan layouts, but this one takes a more traditional approach. The floor plan splits up the public spaces, with an eat-in kitchen at one end and a large living room at the other, separated by the staircase and one of the home's two bathrooms. The downstairs bathroom also serves as the laundry room.

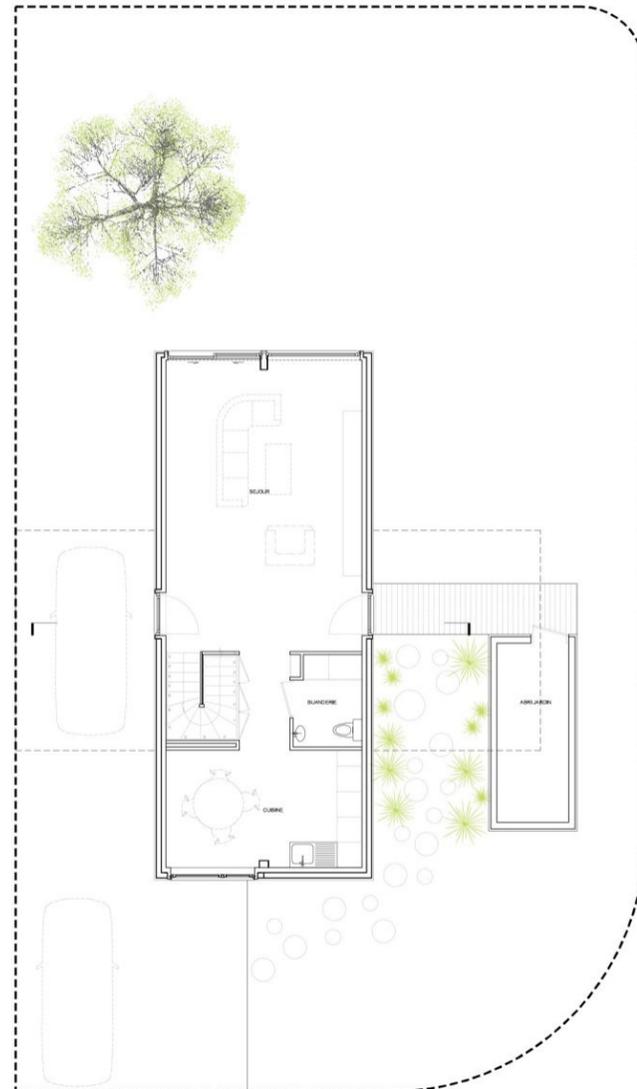


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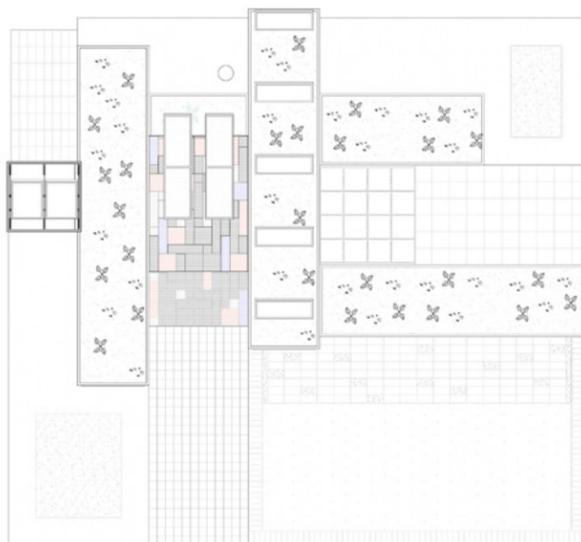
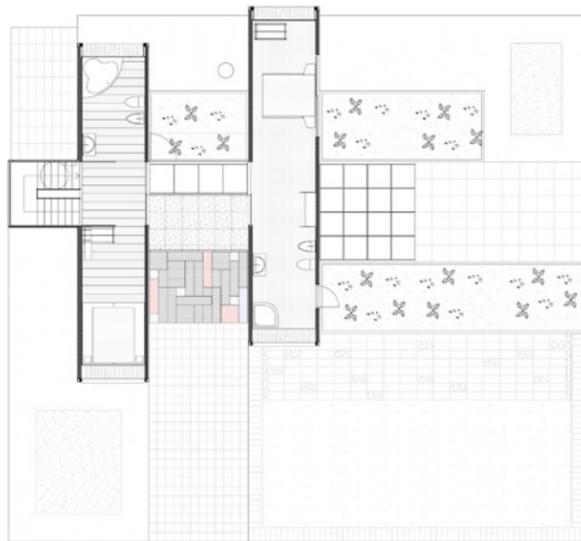


SECTION

The R4 House

Designed by the Valencian architect Luis de Garrido

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The R4 House has no planned location. Luis De Garrido Architects designed the 'R4 House' in Barcelona, Spain.

The R4House prototype consists of two bioclimatic homes (one of 150 m2 and a mini-flat of 30m2) made from materials that close the loop.

The energy consumption of both is zero due to its bioclimatic design, the solar panels and the geothermal energy source.

The waste production during construction is also zero.

Both homes are modular and built from six recycled shipping containers; low-cost and allowing flexibility.

The 4 Rs stand for Reuse, Recover, Recycle and Reasoning with the latter being the most important.

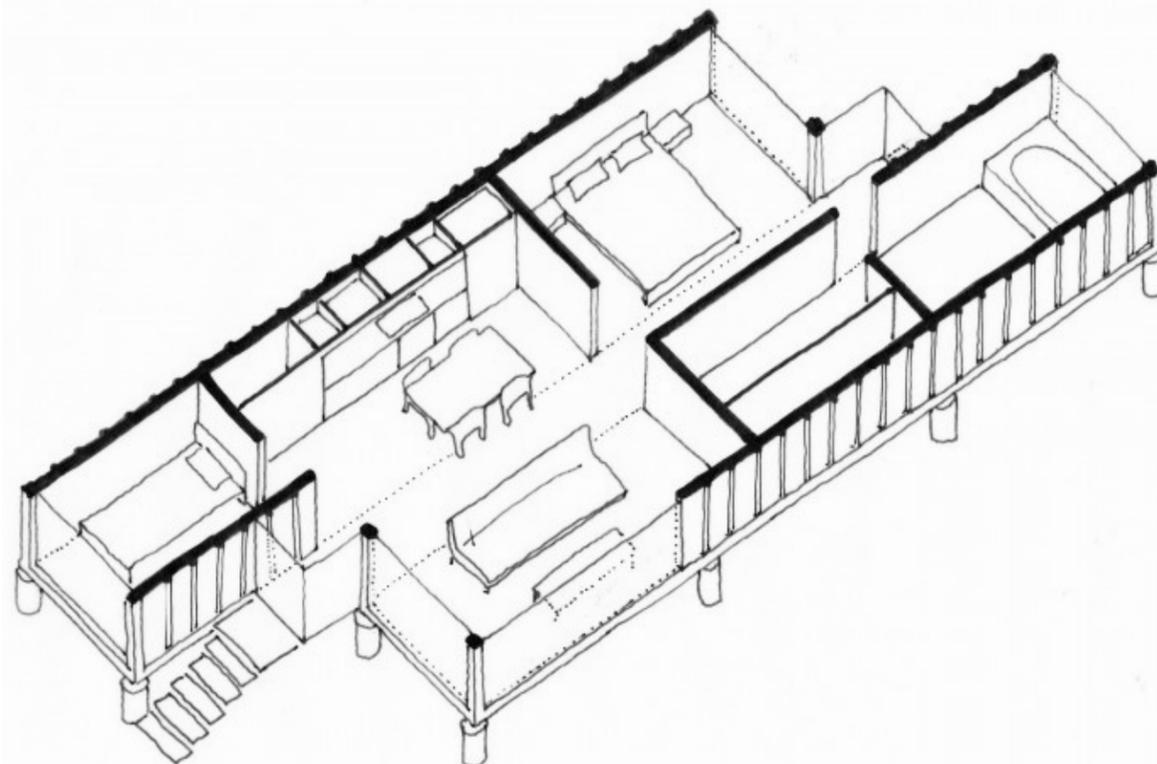
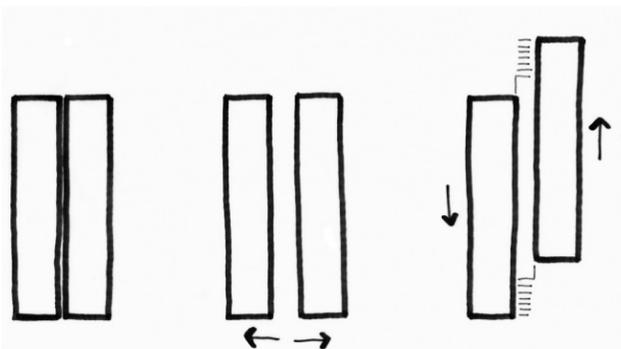
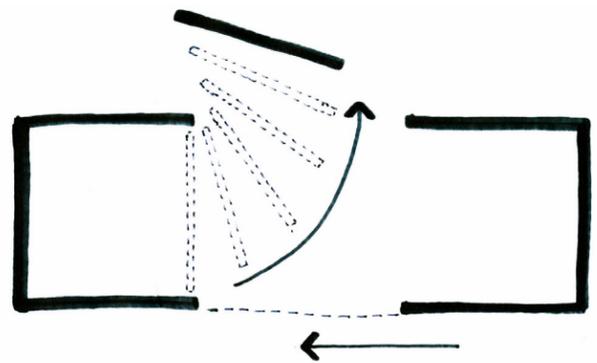
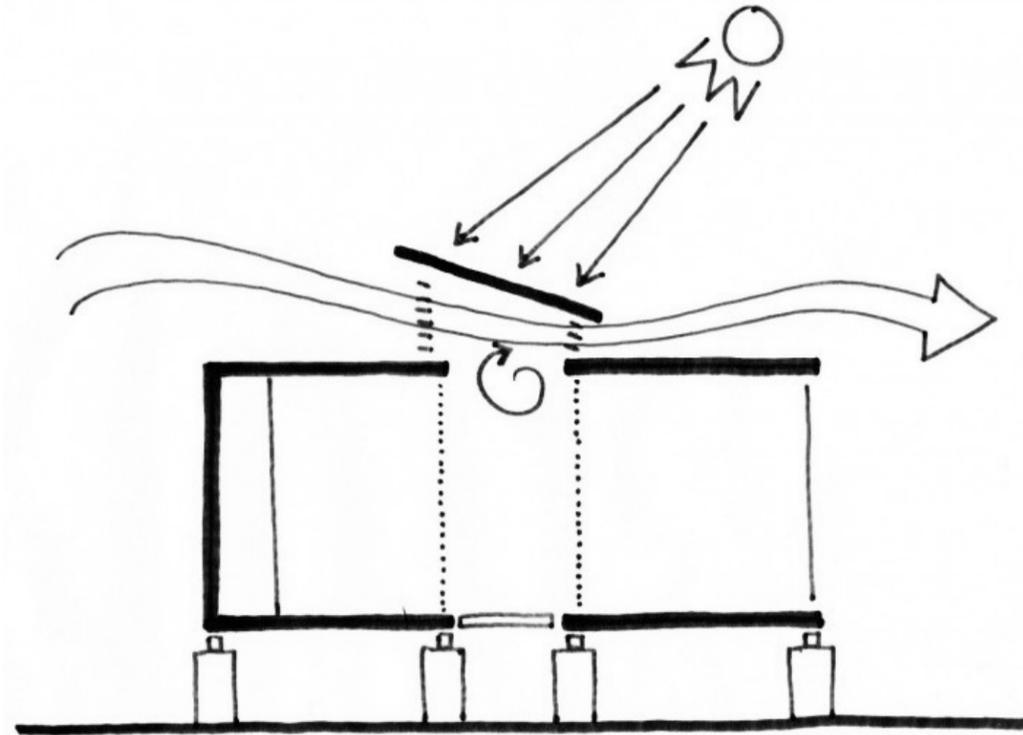
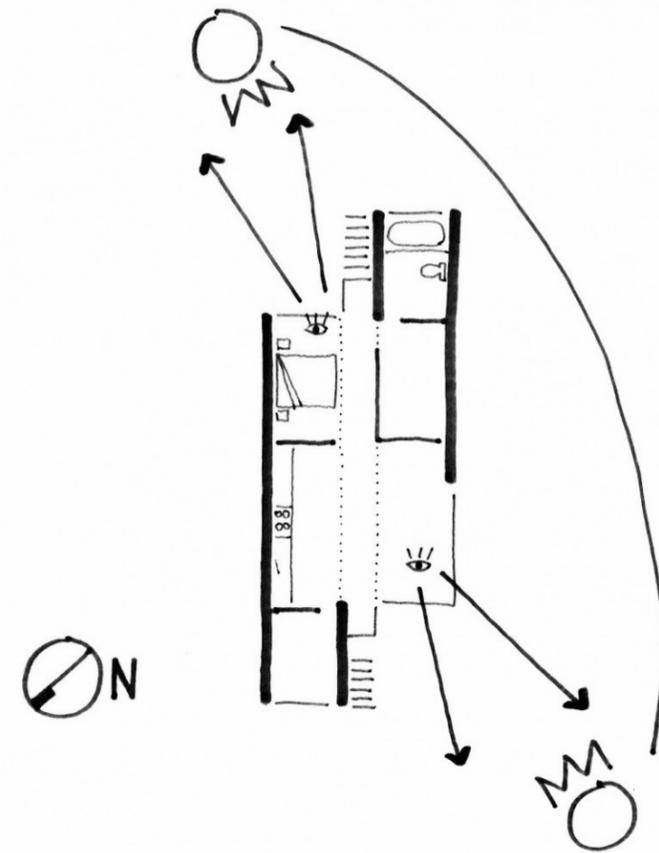
The construction materials as well as interior ones have been carefully chosen and are all recycled as well as recyclable.

Another advantage of this project is that it seeks to provide a cheap housing solution for people in third world countries. Because it's theoretically quick to construct, labor costs are low, and because the house uses recyclables, the cost of materials is low. The designers estimate that the total cost of the house is about \$16,000 for the single bedroom unit, and \$79,000 for the larger unit.



Containers of Hope

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Containers of Hope, Costa Rica.
The final cost of the house (\$40,000)

Tropical climate

The roof between the two salvaged containers, is made from the scrap pieces of metal cut out to make the windows. The central roof creates a feeling of openness and provides cross ventilation which is surprisingly sufficient enough to never have to turn the air conditioning on.



Containers of Hope

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