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Title: Earthquake-resistant photovoltaic container in Nigeria

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In the serene village of Yelwa, Nigeria, stands a testament to innovative sustainable housing - the first home built entirely from recycled plastic bottles, sand, and mud. Termed the ...

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In Nigeria, an environmental group is building earthquake and bullet proof homes made out of discarded plastic water bottles.

A 2024 study published in the Journal of Housing and the Built Environment examined the use of polyethylene terephthalate (PET) bottle bricks in Nigeria's housing sector and found that the ...

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Called "bottle brick" technology, the building materials can easily withstand powerful earthquakes. Nigeria's first home constructed from recycled plastic bottles sits in the village of Yelwa. ...

Each Nigerian earthquake-proof house takes around 14,000 bottles to build and have been praised for its sustainability

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Earthquake-resistant container in Nigeria

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According to BBC, the engineers in Nigeria are currently sourcing plastic bottles from hotels, restaurants, homes, foreign embassies, and vendors who use these to sell things like peanuts.

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