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Title: Earthquake-resistant photovoltaic container in Nigeria

Generated on: 2026-06-04 17:57:42

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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

photovoltaic

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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