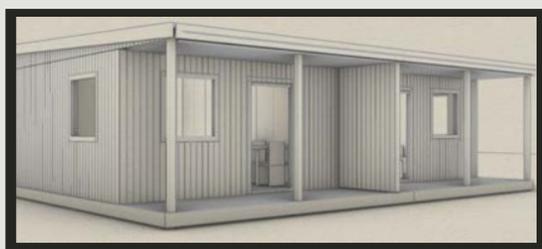


PILOT PROJECT MOZAMBIQUE

Easy Housing is a circular and climate-smart building system based on sustainable timber. Easy Houses are carbon-negative, biobased and resistant to natural disasters.

PILOT PROJECT IN BEIRA

Together with our partners Empowa and Casa Real, we will realize a pilot project in Mozambique. We will build two sustainable and affordable houses for lower income families. The project will be located in a new neighbourhood in Beira. The houses will include a solar home system and rainwater collection system.



Project completion is planned by mid December. This pilot will provide valuable insights on the cultural integration, sustainable sourcing and cost-effectiveness of the Easy Housing concept. This way, we aim to show that affordable and sustainable housing is within reach in emerging markets like Mozambique!

TIMELINE

2021

Start Nov. - Start of the pilot project!

Mid Nov. - Start of the timber construction.

End Nov. - Completion of the timber construction.

Start Dec. - Completion of the entire project.

2022

January - The first inhabitants move into the pilot homes.

February - Project evaluation.

March - Time for new partnerships and projects!

OUR PARTNERS



Casa Real is a leading housing development company in Mozambique that aims at providing quality, affordable and sustainable housing for low and middle income families. They are currently working on the Villa Real Condominium Project, where they are building 150 affordable housing units in a safe and integrated neighbourhood with many services within walking distance. They have a lot of experience and know the local market well, which makes them a crucial partner for Easy Housing.

Empowa is specialized in providing decentralized and innovative financing systems using blockchain-technology, especially focused on financing housing. Together with Empowa, we will work on innovative financing instruments, like carbon offsetting and non-fungible tokens (NFTs). Thanks to the network and blockchain expertise of Empowa, we have gotten funding for the pilot project in Beira by the Cardano community.



HOUSING CONTEXT IN MOZAMBIQUE

There is a gigantic demand for sustainable and affordable housing in Mozambique, as 77% of the population lives in slums and 2 million additional houses are needed. In response, cheap concrete residential towers are built, which often do not comply with safety requirements. The building of 2 million concrete houses would have devastating impacts on the environment. Easy Housing can help to solve this problem, providing sustainable and affordable housing.

MATERIALS AND DESIGN

The project entails two semi-detached homes for starters, of around 33 sqm. each and can be expanded incrementally. They will be built entirely out of locally and sustainably sourced FSC Messassa timber produced by Levas Flor, a FSC-certified forestry company. The façade will be made of sustainable coconut palm planks, delivered by Pedra a Pedra.

