

Safe Homes, Build Lives

ADOPT A FAMILY IN INDONESIA

Families in Crisis

In May 2006 over 1.5 million people were left homeless in Indonesia after a catastrophic earthquake hit the island of Java. The Domes for the World Foundation (DFTW) can now offer you the opportunity to make a REAL difference for a very reasonable commitment from you or your organization.

We build simple, but permanent, disaster-resistant houses for just \$3,000 each. This is an excellent charitable investment. You will be building a home that will last for *centuries*. Generation after generation will be affected by your generosity.

It's an exciting adventure to adopt a family! You will receive reports with photos and updates almost every day during the construction process. You will get letters from the family(ies) and be able to interface directly with our Indonesian superintendents.

We are able to build these homes so inexpensively because we have trained local crews, all the equipment is in place and we re-use much of the rubble from the earthquake(s). In addition, neighbors pitch in with extra labor, food for workers and materials.

The houses are not fancy. There is no indoor plumbing, etc., but they are *by far* the nicest homes in the villages and will provide a safe haven during typhoons and the constant earthquakes.

**Choose the family you would like to help!
Review descriptions of families in need, and donate online.**

<http://shop.dftw.org/collections/indonesian-families>



Dear Donors,

I enormously express gratitude in this letter for your kindness to give a help in a form of a dome house as a form of your sympathy and care to my family whom had been desperate for a new house because of the earthquake disaster in May 26, 2006.

My family and I hope that from your charity to us, you will receive an equitable reward from God.

Furthermore, I know my family and I can be always comfortable to live in this house because we believe that this is a proper house and an earthquake proof building. Thank you.

*Respectfully,
Subriyanto*



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RECENT ACHIEVEMENTS



DFTW in Indonesia

During the May 2006 earthquake, the homes in a tiny village called Ngelepen, in central Java, were completely destroyed.

Five months later, the World Association of Non-Governmental Organizations (WANGO) and Emaar Properties, Dubai, teamed up to fund the reconstruction of the village through DFTW.

The new village, called “New Ngelepen”, is comprised of 71 houses, 6 MCKs (laundry, toilet and shower facilities), a mosque, primary school, playground and medical clinic. The entire village was built in just five months and was completed under budget.

See: www.dftw.org to learn more.

Excerpt from paper submitted to

the 14th World Conference on Earthquake Engineering

October 12-17, 2008, Beijing, China

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Indonesia People Response to Localize the Imported Culture

Study Case: the Dome House in the Rural Culture Post Javanese Earthquake 2006

Recently International Solidarity becomes a vital component in responding promptly efforts and requests for supports to exchange... knowledge and technology that would help disaster relief both at emergency response and reconstruction phase. The Post Java Earthquake has proved as one of evidences since its event in May 26, 2006.

This international [effort], by nature, introduces “their owned culture and mission.” One of them is Domes for the World Foundation (DFTW) who has a mission to improve the lives of people worldwide through the introduction and construction of Monolithic Domes and EcoShells.

The new dome culture has been lived and soon attracted many people since April 2007. This paper aims mainly to understand how families who live in the new Ngelepen response the Dome Culture and adapt to their owned family needs.

[During the study] most of the inhabitants... evaluated that living in dome give more safety primarily from earthquake and landslide... Fundamental safety feeling to reduce traumatic experience... and becomes sort of “energy psychology”—energies for the purpose of alleviating psychological problems of survivors. (Feinstein, 2008)[This] was in line with the fact of structural strength of the [dome]... In the future, the dome’s home expects to protect its occupants from injury or death during natural disaster... inhabitants acknowledge that dome’s home gives better living condition: comfort, quiet, clean, healthy and neatly house.

To read the complete paper, see:
<http://www.dftw.org/>



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About Us

DFTW Foundation is a US based non-profit, [501(c)(3)] which provides training, tools and methods for constructing not only superior shelter but complete community systems to those who need them most. Monolithic EcoShell Domes are at the heart of those methods.

Sustainable buildings, according to the U.S. Green Building Council, save energy, water and materials; preserve the local surroundings; assure the health of their occupants; and require little maintenance.

The Monolithic EcoShell Dome

The name "Monolithic" means "one piece" and refers to the Monolithic Dome Institute which developed the EcoShells. The name "EcoShell" means "Economical, Eco-Friendly and Thin-Shell". At DFTW we normally refer to these Domes as simply, EcoShells.

EcoShells are constructed with 2 or 3 inches of concrete and a modest amount of rebar.

EcoShells use less than 50% of concrete and rebar when compared to a conventional, rectangular building of the same square footage.

Dear Donors,

I want to say a lot of thanks to the donors who has been helping the house reconstruction program in Bantul Regency. Your help gives us new enthusiasm to some families here to survive in their live after the earthquake broke their house, destroyed their village, took their family and neighbors and minimize their enthusiasm to live. Your help has been very meaningful to families here. They say thanks to all of you.

I also want to say thanks for me and my workers. Donors have been giving a way for me to do service to a lot more people here. I still remember first meeting between Rebecca [South, President, DFTW], it is when I was just a volunteer who only have intention to help the victims of natural disaster in Indonesia.

We can maintain this enthusiasm and trust that donors have given us. Once again thanks for all of you.

*Antonius "Yoss" Yusanto
DFTW Indonesia Superintendent*



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YOUR DONATION LASTS FOREVER

The compound curve of the dome makes it stronger than virtually any other structure. They also takes less money and time to construct.

EcoShells are constructed of readily available and environment-friendly materials. Trees and other local natural resources are conserved. Construction can be done by hiring local labor with very little special skills and/or equipment.

These Domes are as disaster proof as a building can get. They will withstand tornadoes, earthquakes, hurricanes, and fire. They cannot be burned, eaten by bugs or destroyed by mold. They will last for centuries. And because of the concrete's thermal mass, interior temperatures remain stable

EcoShell Construction

The EcoShell starts as a combination ring-beam footing and concrete slab floor reinforced with steel rebar. Vertical steel bars embedded in the outer ring later attach to the steel reinforcing of the dome itself.

An Airform -- fabricated to the proper shape and size -- is placed on the ring base. Using blower fans, it is inflated and creates the shape of the structure to be completed. The fans run throughout construction of the dome.

A grid of vertical and horizontal rebar placed over the exterior of the Airform. The verticals go against the Airform and the horizontals on the outside.

Next, enough concrete is applied to the exterior of the Airform to embed the rebar and can be trowelled smooth. After the concrete has set, the Airform is removed from the inside and re-used.



DONOR TESTIMONIALS

We thought this was a great thing. We would definitely encourage others to help. We are so fortunate in our side of the world and tend to forget it.

We think businesses could benefit from sponsoring projects like these, involve their employees in donating and having a campaign. How about involving schools? They can do a fundraiser to buy a dome for a family and get the updates. I am sure it would make their day! Kids love to help.

Again, thanks a lot for this opportunity. We hope we can help in the future. --Muriel & Simon Lia

The daily reports personalized my donation. I felt the money was truly going to their home and I felt involved. --Alexandra

We are in awe of [the DFTW Indonesian Crew's] work ethic and how fast they got these done with so few tools. I love the scaffolds and the BUCKETS!! I think it would be wonderful if more families are helped or adopted. --Kay & Ernie Mudd

I was just browsing sites related to dome construction when I came upon your organization. [I discovered] for less than the cost of an entry-level plasma television you can give someone a house! I think that's a really great feeling... --Mr. Rosinske

I looked forward each day to hear from the two projects. Staff members were also very excited and would come into my office to see the progress. Everyone really enjoyed seeing the people being helped. This was a very wonderful project. Thank you for allowing me to be a part of it. -- Jay Watson

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FAMILIES NEED YOUR HELP

This is the perfect opportunity for your family, church group, business, school or community organization to make a lasting difference in the lives of some less fortunate than us.

We must work together to meet our Social Responsibilities.



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