

moksha woodwork designs & out think the box

Short Business Plan

San Francisco & Oakland, CA, USA

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Moksha Osgood

Designer and Builder

Email: emblems766@hotmail.com

Mobile: +1 415 830 7408

Kimberly King

Renewable Energy Engineer

Email: kimgerly@outthinkthebox.net

Mobile: +1 415 832 9084

Skype: kimgerly

Angeles Gottheil

Financial Consultant

Email: angeles.gottheil@gmail.com

Mobile: +1 714 469 1497



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Contact:

Mosha Osgood, Designer and Builder
+1 415 830 7408
emblems766@hotmail.com

Kimberly King, Renewable Energy Engineer
+1 415 832 9084
kingerly@outthinkthebox.net

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vision

...everyday brilliance for disaster resilience

PREPARE. RESPOND. ADAPT.

Moksha Osgood of Moksha Woodwork Designs creates and builds small dwellings that are sustainable, affordable and beautiful, providing spaces for people to **cultivate the riches of less**.

Kimberly King of Out Think The Box is a vanguard in designing unconventional day-to-day place-based, pragmatic, agile urban adaptation strategies that include:

- Water resource management
- Biodiversity-rich and emblematic ecosystems protection via bio-mimickry
- Hyper-intense urban farming utilizing renewable energy systems technologies (RESTs)



mission statement

PREPARE. RESPOND. ADAPT.

Moksha Woodwork Designs teamed up with Out Think the Box to offer a place-based solution by addressing access to:

- Jobs
- Affordable housing
- Nutritious, fresh produce

All while being mindful about managing scarcity of resources, and lessening the stress on a municipality infrastructure including:

- Energy
- Potable and drinkable water
- Sanitation



objectives

...deliverables & milestones

PREPARE. RESPOND. ADAPT.

Moksha Woodwork Designs and Out Think The Box is a service that does not cost the Earth, and provides solutions contingent on available natural and human resources, including:

- Water Balances/Usage
 - Drip irrigation use in food propagation
 - Aquaponics use in food propagation
 - Grey water reclamation
 - Atmospheric water generation
- Moksha Woodwork Designs S.E.E.C. Tiny Dwelling
 - Sustainable. Energy. Efficient. Comfortable.
 - Grey water management (hand sink, solar shower)

- Thermophilic compost (feedstock)
 - Food waste
 - Yard waste
 - Human excreta/Humanure

Phase I - **Technical Assessment** (Volumes propagated)

Phase II - **Start-up Service**

Phase III - **System Design & Planning**

Phase IV - **System Deployment & Integration**

Phase V - **Education - Training & Capacity Building**



strategies

...to implement longevity and resilience

PREPARE. RESPOND. ADAPT.

Moksha Woodwork Designs and Out Think The Box aims to work closely with stakeholders to:

- Provide safe, sustainable, energy efficient, and affordable tiny houses.
- Provide local produce using hyper-intense urban farming for sale to food vendors and the community.
- Provide knowledge-base transfer via educational and public programs e.g.
 - Talks
 - Classes
 - Workshops
 - Special events



Engaging with stakeholders to compile raw data and enable making actionable items to implement. Tune into emotions of stakeholders via empathy to develop a story that:

- INSPIRES
 - Foster the culture
 - Understand the user
- CREATES
 - Re-frame opportunities
 - Iterate solutions
- IS PROVIDED BY USABILITY AND ENACTMENT
 - Enlist stakeholders
 - Scale and spread

plans

...the work to be done

PREPARE. RESPOND. ADAPT.



Build test prototypes:

- S.E.E.C. (Sustainable Energy Efficient Comfortable) Off-grid, Off-municipality infrastructure Tiny Dwellings—dwellings for the urban farm stewards
 - Humanure Thermophilic Compost Management System
 - Grey Water Treatment System
 - Atmospheric Water Generation

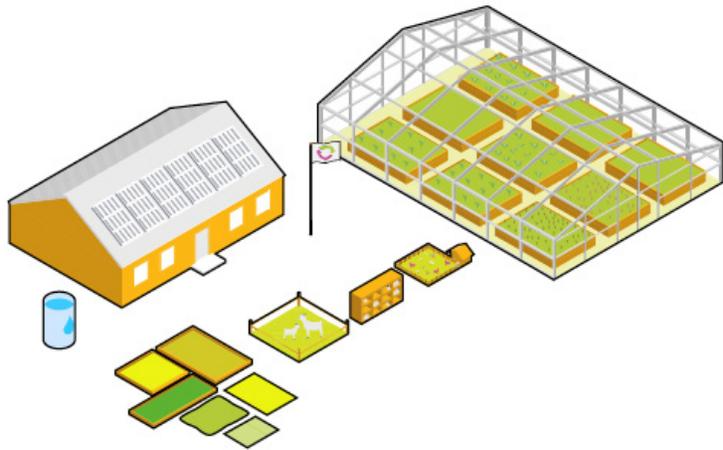
These concepts and features will be integral to each tiny dwelling. Ultimately, these dwellings will be taken on a road-show/open-house to demonstrate and garner financial support to scale up production.



plans

...more work to be done

PREPARE. RESPOND. ADAPT.



Basic needs for 1 person for 1 year

- 10 ft L x 5 ft W (50 ft²) prototype, pilot dwelling
 - Solar PV (21 ft²) ground mount
 - Water tank (32 ft², 793 gal/yr ≈2.2 gal/day)
- The following can be centrally located in a tiny house community:
 - Seasonal produce garden (96 ft²)
 - Cropbox Aquaponic System (80 ft²)
 - Chickens (22 ft²)
 - Goat (32 ft²)

TOTAL 333 ft² (0.008 acre)

wrap up

...everyday brilliance for disaster resilience

PREPARE. RESPOND. ADAPT.

To start, Moksha Woodwork Designs and Out Think The Box aims to empower the local [San Francisco, CA](#) and [Oakland, CA, USA](#) citizenry to take responsibility for their own future by deploying low-impact technologies, providing training and education —ultimately enabling and empowering stewardship in the present, and in the future.

