

### Living Units in Clusters with Patio

Maximally space efficient eco-dome homes with central patios between and fold-up beds and desks, back-area changing space, and loft storage inside.



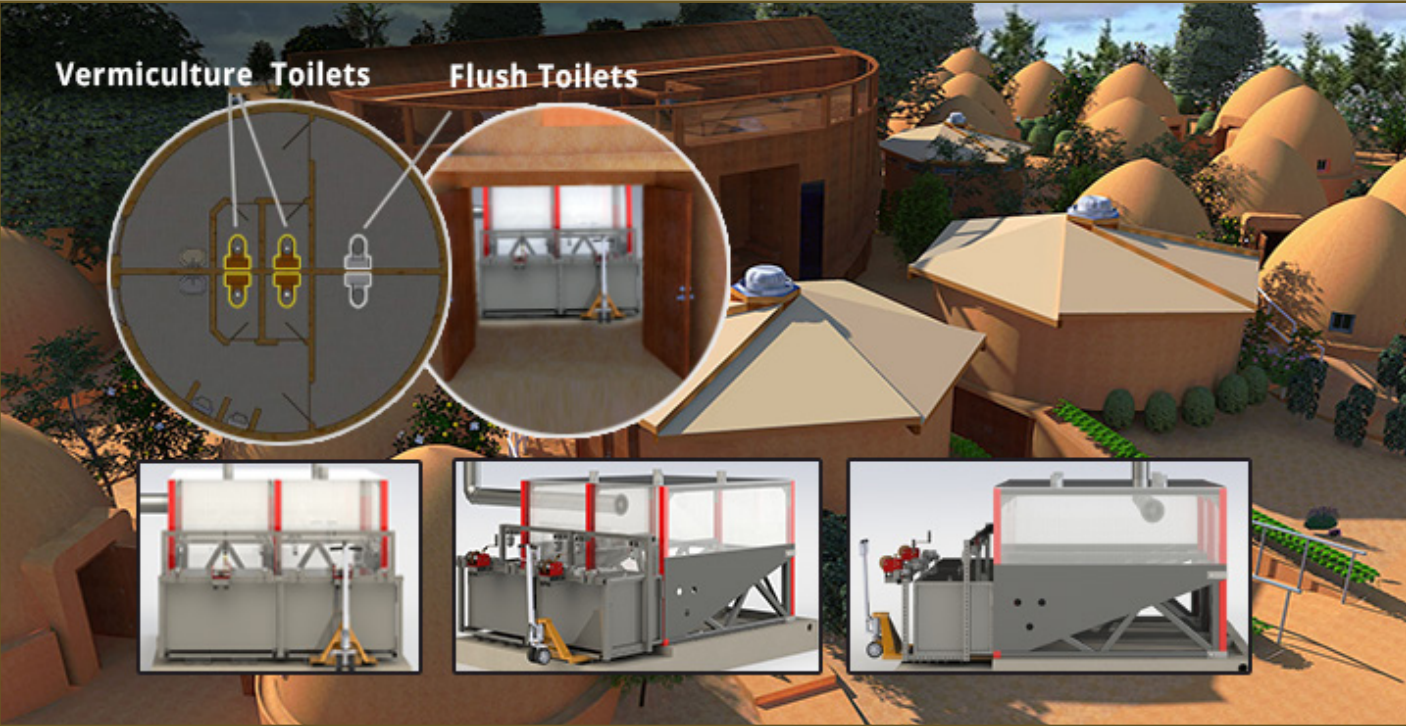
### Heat-Recycling Eco-Showers

The heat-recycling eco-showers are designed to minimize both water and energy needs by innovative heat-recycling methods and maximization of user comfort and convenience during use.



### Vermiculture Waste-Recycling Toilets

These toilets combine human-waste processing using worms (vermiculture) with a traditional toilet, urinals, and urine-separating toilet seats tied to a septic system to meet code requirements.



### Do-It-Yourself Space-Maximizing Furniture

Three different open source furniture plans and layouts have been created to meet differing needs and provide a platform for further customization and individualization. *See pages 24-25 for more details*



### One-Acre Footprint

This village and each of the other 7 villages are designed to fit on a one-acre footprint to minimize land needs, reduce costs, and improve the efficiency of constructing and living in these villages.



### Net-Zero Water-Saving Bathrooms

Combines vacuum toilets and ultra-efficient sinks to use less water than other high-efficiency toilets and sinks. They also capture and store enough rainwater to meet 100% of their water needs.



### Transition Kitchen Designs

Open source temporary and remote-operation kitchen designs for feeding 50+ people while this village, the City Center permanent kitchen, and future villages are being completed.



### Detailed Assembly Instructions for all Village Components

To make everything replicable, we are designing complete and detailed construction/assembly instructions for the furniture, structures, and all other components and subcomponents.

