

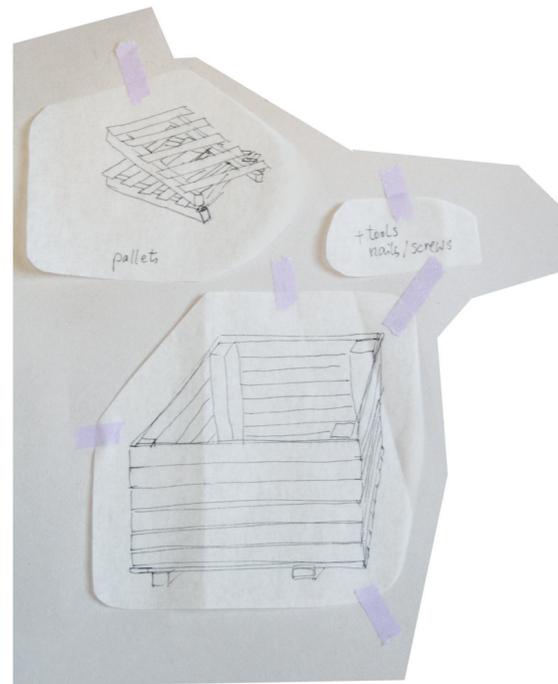
Build your own Poo-garden (in 8 simple steps)

We created this toilet to help occupy SPACE - for human and nature.



This composting toilet model is specifically designed for the occupation movement. It combines features of several types of composting toilet into one - urine diverting dry compost toilet, tree bog, and the traditional way of just digging a whole and plant over it.

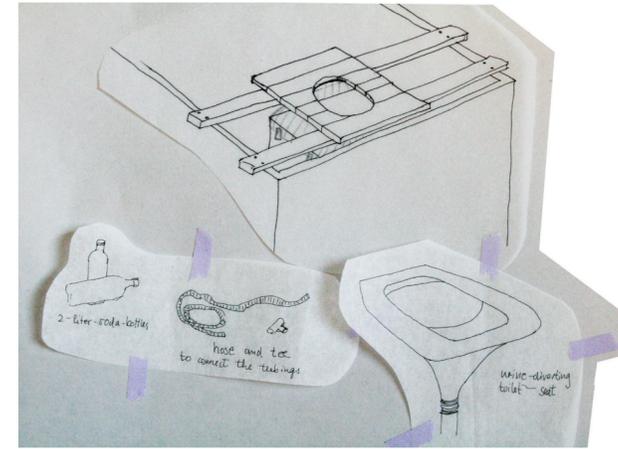
We start out with the proven success of dry composting toilet in urban setting - urine diverting seat to prevent odor, and end with a permanent fixture that RECLAIMS place for nature.



1. Start with gathering materials for building a planter box. You can reclaim wooden planks from old pallets
2. Build a planter box 2½' deep, 3' long, 4' wide. (There are a lot of useful ideas and experiences collected on instructables.com around reusing pallet wood for planters and other things). (If leaching is a concern, line bottom of box with liner or roofing paper) Fill some soil in the planter to appx. 1' high.

3. Next, assemble a platform with a hole for the toilet seat. Rest it on the front (long) edge of the planter. Put a cardboard box directly below the toilet seat.

4. Buy or make a urine diverting toilet seat and insert it to the platform.

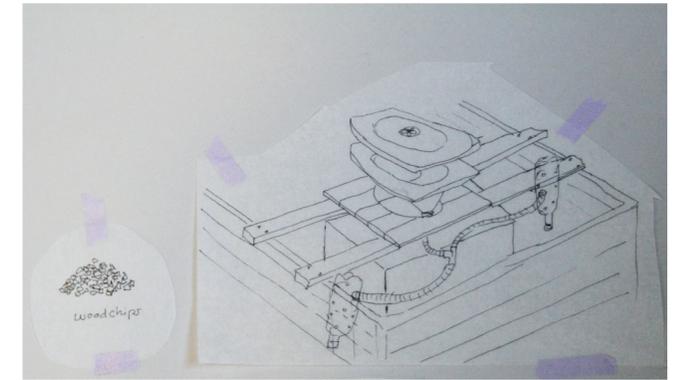


5. Drill a series of small (¼") holes around the top half of the bottle, drill one in the center of the cap. Now drill a hole just large enough to fit the hose, on the sides of each bottle toward the bottom of the bottle.

6. Connect a Tee to the urine diverter with a small length of hose, about 3", connect 1½' hose to either side of the Tee and insert the other end into the bottles. You can use duct tap to make sure they stay in.

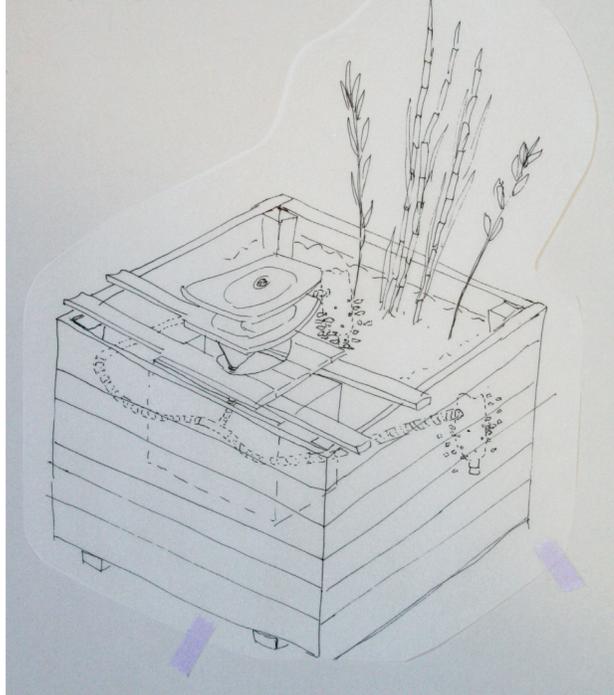
7. Fill in more soil reaching just below top of cardboard box. Make mulch basin with wood chips on either side of the cardboard box. Embed the bottles upside down in center of each mulch basin.

8. Raise the flaps of the cardboard box. Tap a skirt with butcher paper around the box, fasten to the underside of the platform (do not impede toilet opening).



Now you can start planting ... willows or bamboo are easy to start from cuttings and will thrive in the nutrient-rich soil.

Now you can start planting!!



When the container is half or 3/4 full. Unscrew the top platform, pull the soda bottles out of the wood chips, and move the whole assembly - platform, urine diverter, soda bottles and the tubing, to a new planter box.

Now you can fill in more soil over the humanure, and finish planting the rest of the box - how about an apple tree?

For Privacy we have two suggestions: a simple version, the „Market umbrella“-solution with a privacy screen made of cloth clipped to the edge of a big umbrella ...



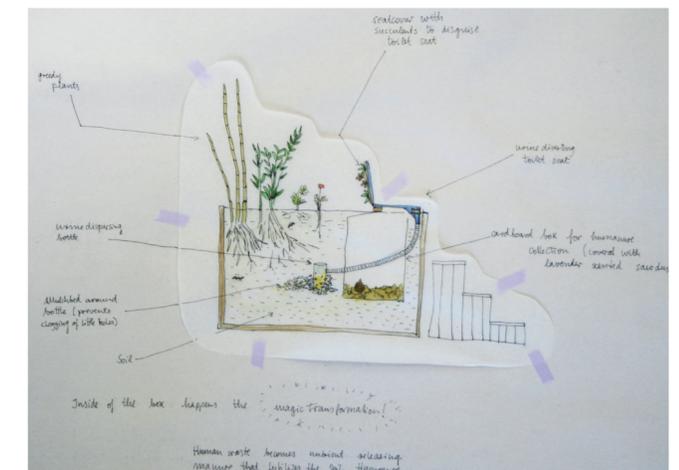
... or the more elaborate and more space-reclaiming „Grouping“-version with curtains around the whole planter or the whole group.

Mindful use of the Composting Toilet Garden

Take a seat! Imagine yourself a giving being, each time you use this toilet, you are giving much needed nutrients to the plants all around you. There is just a little paying of attention needed:

Be sure that urine is going into the funnel in front of the toilet so, whether you are a boy or a girl, please take a seat and commune with the grateful plants =>

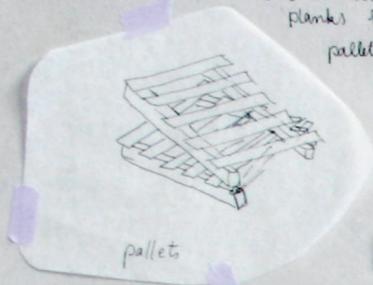
Urine contains a lot of nitrogen that leafy plants LOVE! When you are feeling particularly generous, make your deposits and paper into the pack compartment, try not to contaminate the urine diverter. After making the deposit, sprinkle some sawdust/fine mulch/ash over what you left behind. This will absorb moisture away from feces to keep it dry and smelling good. If you blend a handful of dry aromatics like lavender in the sawdust, shit could smell like lavender!



The picture above shows how the parts are working together. To learn more about Humanure and Composting Toilet, we highly recommend reading the Humanure Handbook - <http://humanurehandbook.com/>

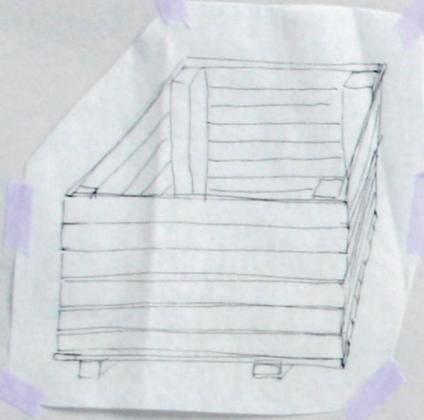
Build your own composting toilet garden!

Start with reclaiming wood planks from things like pallets



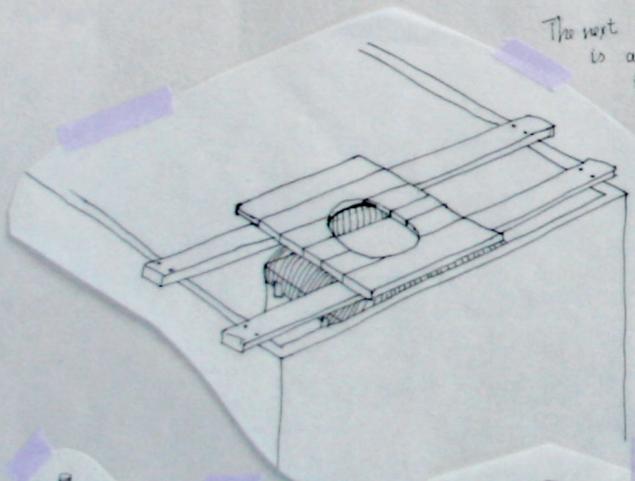
pallet

+ tools
nails/screws

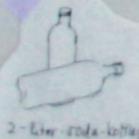


Build a wooden box 2 1/2' deep, 3' long, 4' wide. Fill in some soil on the bottom, approx. 1" high. (If leaching is a concern, line bottom of box with liner or roofing paper)

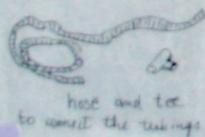
The next thing you need is a platform with a hole to hold the toilet seat.



It rests on the edge of the box. Under it, put a cardboard box on the soil; make a skirt with butcher paper around the cardboard box, fasten it to the underside of the platform.



2-liter soda bottles



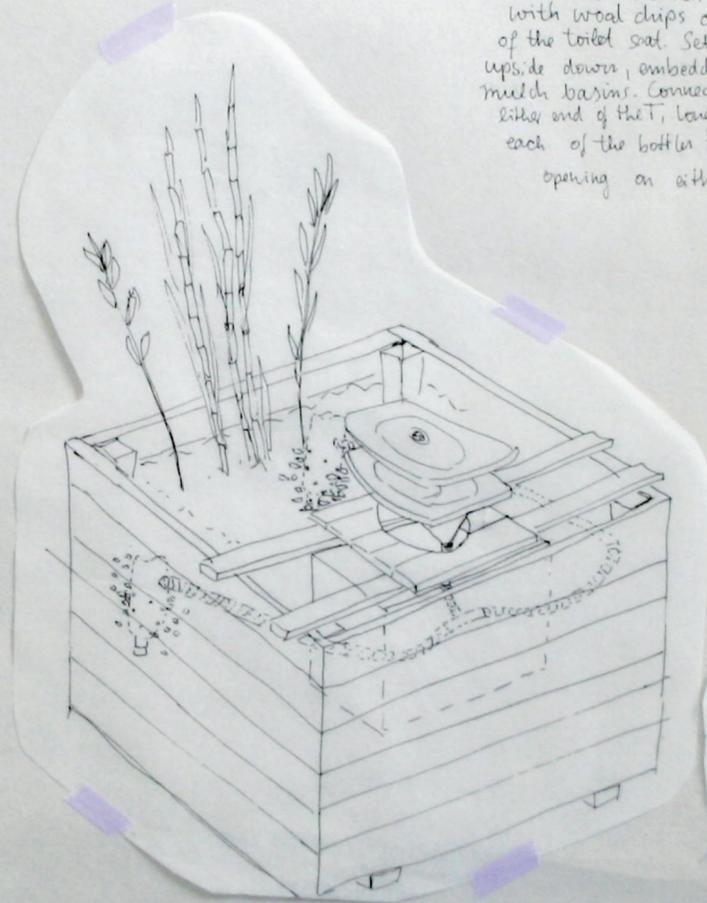
hose and tee to connect the tubings



urine-diverting toilet seat

Drill a series of small (1/4") holes around the top half of the bottles; keep the caps screwed on. Connect the hose to the urine diverter, connect to a T at the other end. Drill one hole on the side towards the bottom of each soda bottle, sized just large enough for the tubings to fit.

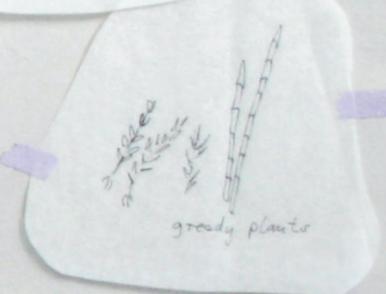
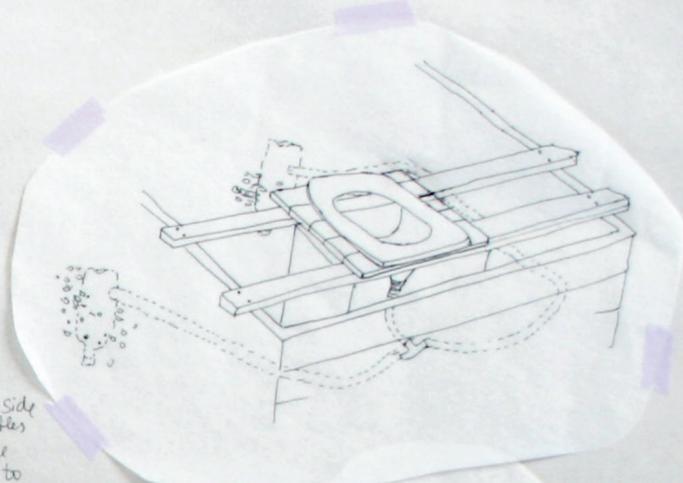
Buy or make a urine-diverting toilet seat and fasten it to the platform. Make sure there's no gap large enough for insects to enter.



Make a mulch basin with wood chips on either side of the toilet seat. Set the bottles upside down, embedded in the mulch basins. Connect hose to either end of the T, long enough to reach each of the bottles; push hoses into the bottle opening on either side of the toilet seat.



wood chips

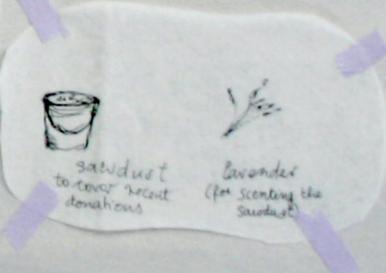


greedy plants

Fill in more soil to cover the mulch with the bottles and start planting!



soil



sawdust to cover recent donations

lavender (for scenting the sawdust)

Take a seat! For the mindful use of the composting toilet garden. When the cardboard box is 3/4 full, unscrew the platform, pull the soda bottles out of the wood chips and move it to a new planter box. Now you can fill in more soil over the humanure, and finish planting the rest of the box. How about an apple tree?

We designed this toilet to help occupy SPACE - for human and nature.

This composting toilet model combines several types of compost toilets in to one - urine diverting, dry compost, tree bag, and the traditional way of just digging a hole and planting over it. We start out with a proven seat to prevent odor, and end with a permanent feature that RECLAIMS place for nature.