

The composting latrine

All of our water and sanitation technologies have wider impacts, but none more so than the composting latrine. It not only provides a safe place to go to the loo, it also provides free fertiliser!

After people use the toilet they throw some soil and ash into the hole. When one pit is full, they seal it and use the other. Over a few months, the soil and ash help turn the human waste in the sealed pit into completely safe compost. This is then dug out and used on crops. When the second pit is full, the process is repeated.

Two platforms above two pits. Only one pit is used until it is full.

A pot of ash and one of soil.
A handful of each is added to the pit after every visit.

After a few months the safe compost is dug out and used on crops.

Pit in use.

Sealed pit.

The structure can be raised in areas with a high water table or where the ground is very hard.

