



Pee
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Peepoople Initial Launch Project in Kibera, Nairobi

Dry Toilet
Conference
Tampere

Camilla Wirseen



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Start thinking Peepoo



Dr. Kamal Kar
Founder of CLTS



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The Peepoo is a personal single use toilet that is simple to carry, odour-free for 24 hours, and requires no water.





In 2-4 weeks the pathogens are inactivated through Ammonica Based Sanitation Technology developed at SLU Sweden.

OFFERS PRIVACY AND SECURITY FOR USERS



Use of Peepoo



PREVENTS DISEASE TRANSMISSION



Discharged in environment



Reused in home gardens



Structured collection and reuse



MINIMISED ENVIRONMENTAL POLLUTION



INCREASED FOOD PRODUCTION



”Waste and Sanitation” instead of ”Water and Sanitation”





The Peepoo value chain in Kibera



1

Local semi-manual production



2

Women micro-entrepreneurs



3

Personal Home Toilet
School Toilet



4

Drop-points with refund



5

Processed into commercial fertiliser
Bag gardens





Sold by women micro-entrepreneurs @ 3 Ksh



Patricia



Anne



Personal odour-free home toilet





Clean toilet for school children





Refund of 1 Ksh offered at Peepoople Drop-points





Voices from Kibera



Sasa niko na choo kwa nyumba, hakuna haja ya kwenda kwa choo chafu iliyojaa.

“Now I have a toilet at home. I don’t have to be stressed going to a full toilet anymore.”

Mourine Anyango



Hakuna choo kabisa kwenye plot, imenisaidia kwa. Mradi iendelei.

“We totally don’t have toilets, it is a relief to us. The project should continue forever.”

Nelson Agos



Kabla ya Peepoo kuletwa mtaani watu kwenya ploti walikuwa wakimwaga kenyezi karibu na nyumba ya mwenye ploti, lakini sasa imeisha kwa sababu ya Peepoo. Walifanya hivi ili mwenye manyumba hatengeneze choo.

“Since all are using the Peepoo the plot is clean. Before all poured or put the flying toilets next to the landlord to force him to build a toilet.”

Victoria Kamene



The Peepoo - Children's choice



Implemented in 30 schools in Kibera (July 2012)



“The Peepoo is clean, not smelling and easy to use”.





Used as fertilizer in school bag-gardens to grow crops for increased food security.



Bag gardens at Bethel School



Peepoo fertiliser - status

- Current trials of direct application in field or in bag gardens with kale, maize, trees.
- Studies of Peepoo mixed with other material to produce a commercial fertiliser.



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Thank you!

