

Workshop 1

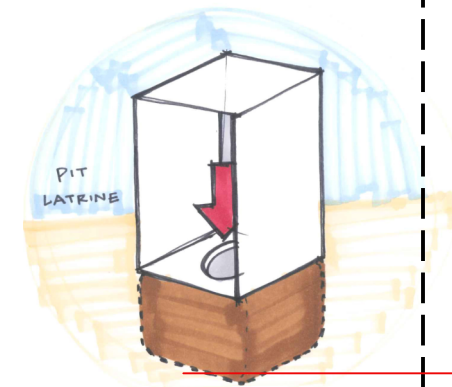
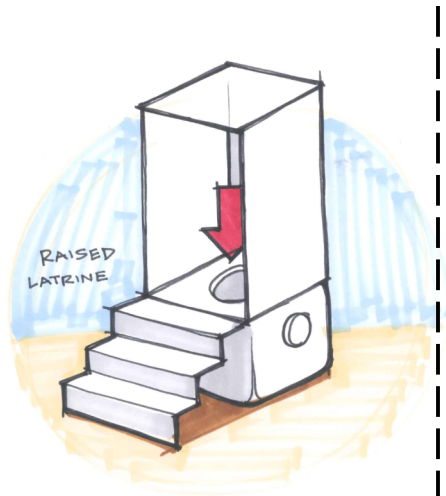
Raised latrines

General introduction
June 13th 2012

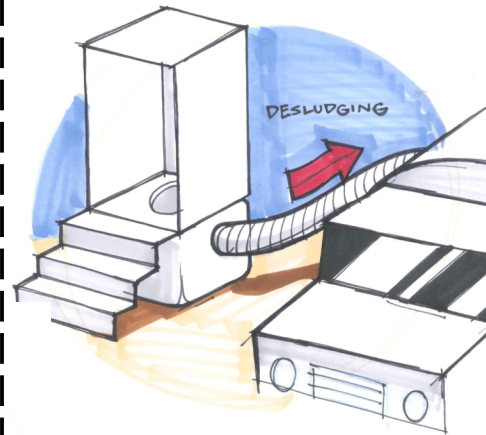
By Aldus bouwinnovatie



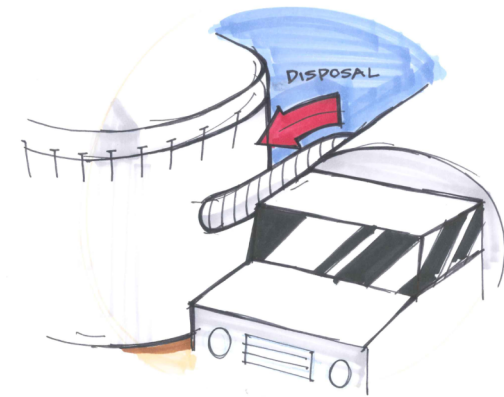
Introduction



Raised latrine

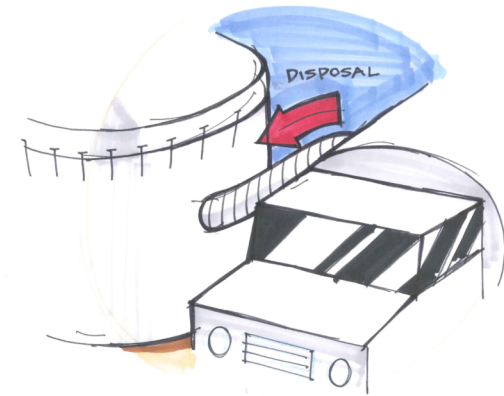
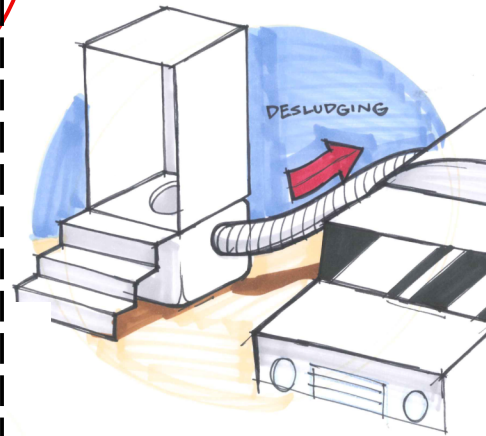
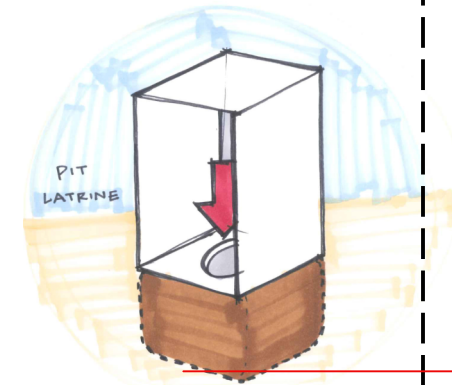
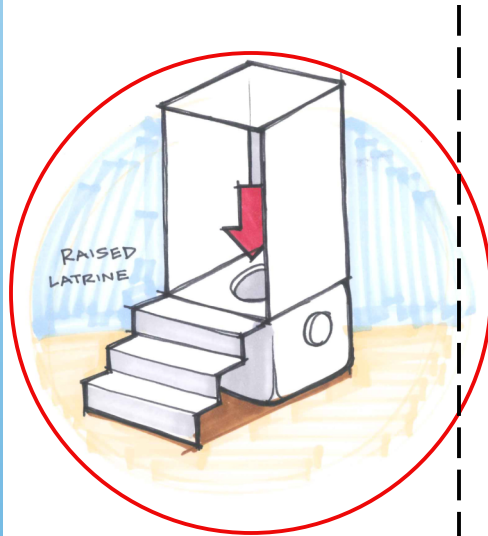


Desludging



Disposal

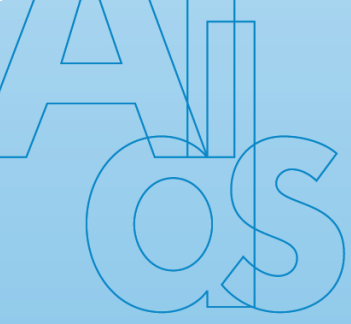
Introduction



Raised latrine

Desludging

Disposal



Workshop Raised latrines

Goal:

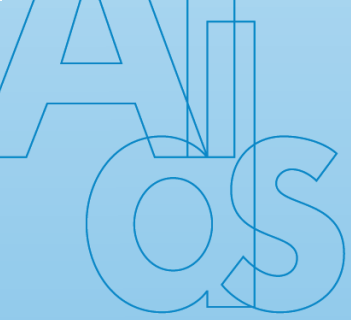
- › Determine a list of requirements for the new generation of raised latrines

Methods:

- › Presentations of and discussion between supply and demand

Your notes & remarks:

- › Please return your program of requirements at the end of the day!



Workshop Raised latrines

Definitions:

Raised latrine:

- › An emergency latrine solution (tank/platform/superstructure) with above ground sludge storage

Emergency Kit:

- › Number of raised latrines forming an efficient transportation unit

Cluster:

- › Number of emergency kits configured as latrine block

Problem definition:

- › the availability of a compact (transportable), cost effective and robust emergency kit with a relatively high sludge tank capacity

Workshop programme: morning

Subject	Workshop 1 raised latrines		
Date	June 13		
Goal	Determine list of specifications for the next generation of raised latrines in emergency situations		
Time	Activity	Responsible	Goal/description
09:00	Entry – coffee/tea	-	-
09:15	General introduction/welcome	Waste/Ministry of Foreign Affairs	Inform participants about general aspects of the project: stakeholders, planning, final objective, and relevance. Inform participants about the workshop: goal and schedule
09:30	Problem definition in emergency practice	OXFAM GB; Andy Bastable / MSF; Peter Maes	Introduction into the background of the (biggest) problems that NGO's face in emergency situations with the current available solutions
10:00	Pitch presentation products	Product experts	Six product experts briefly present their current technologies and new/innovative developments on raised latrines, what products are they developing? What problems do they face and how are they going to improve emergency sanitation problems? How do they I
			10:00 TU Hamburg; Katherine Kinstedt
			10:10 Natural event; Hamish Skermer
			10:20 Sateliteindustries; Richard Pilaeis
			10:30 Aircell structures; Michael Messenger
			10:40 Peepoo; Asa Angelino
10:50 Reinvent the toilet challenge, TU Delft; Laura Talsma			
11:00	Coffee break/mini exhibition suppliers	-	-
11:30	Panel discussion supply and demand	Humanitarian organisations	NGO's (demand) in panel reply to participants (supply) in discussion about value of new technologies; why are new ideas valuable or why not?
12:15	Presentation top list of specifications	Aldus	Presentation of the list of specifications, showing specifications in priority order
12:30	Lunch/mini exhibition suppliers	-	Refresh, meet and greet

Workshop programme: afternoon

13:30	Presentations potential new technology	Potential new suppliers	Three experts from new fields give a short presentation on their relevant technology and business 13:30 Flexxolutions; Martijn nieuwmeijer 13:45 Cook and Soapie; Paul van Essen 14:00 Van Overbeek Verhuur; Peter van Overbeek
14:15	Inspiration for product development	Aldus	Aldus research conclusions demand of and supply. Inspiration, challenges and discussion points for new technologies.
14:45	Coffee break	-	-
15:00	Professional group sessions	Aldus facilitators	Small specialized groups (suppliers, researchers or NGO's) get together for creative problem solving on a specific topic; how do their ideas influence the list of specifications?
16:00	Plenary presentations		Each group presents its ideas and consequences for the list of specifications to the rest
16:30	Conclusions for list of specifications	Waste	Group discussion about formulation of the specifications in order to receive innovative solutions
17:00	End of programme informal drinks (not provided by organisers)	-	-