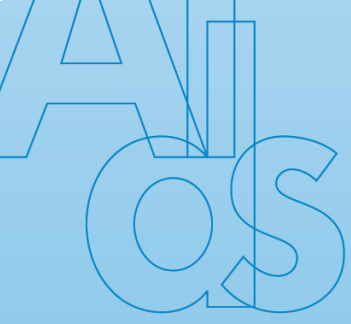


# Top list of requirements for desludging

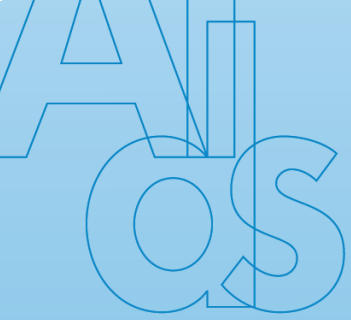
June 14th 2012

By Aldus bouwinnovatie



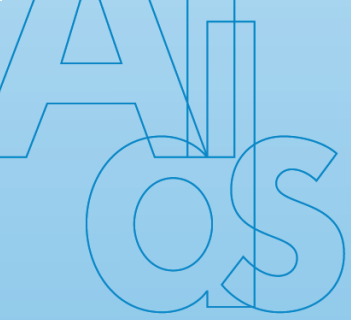
# Method

1. Preparing concept list of specifications
2. Questionnaires for humanitarian organizations  
Prioritize and comment
3. Result: valuable input of 14 different organizations
4. Concluding: preliminary list of specifications



# Top 10 requirements Desludging

1. Ease of adhering safety, health and environmental norms and standards during operation and maintenance (3,4)
2. Ability to deploy the device in modular mode in accordance with different population settings and densities (3.4)
3. Ability to handle different types of sludge (liquid, solid, semi liquid) (3,3)
4. Device is sufficiently robust to withstand extreme conditions in terms of weather (extreme cold and heat, humidity, dust, etc.) handling and transport.(3,2)
5. Favourable weight and size of the desludging device to allow common handling and transportation available in the field (man power and pick-up truck) (3,2)



6. Ability to move the sludge over a certain distance (3,2)
7. Diameter and flexibility of suction unit to penetrate into sludge holding unit (3,2)
8. Ability to handle different types of materials (menstrual cloths, stones, bottles etc.) (3,0)
9. Requirement of limited physical exertion by operators (3,0)
10. Capacity to convey to alternative (e.g. pre-positioned) holding/transfer unit while using a certain desludging device (3,0).