EMERGENCY SANITATION WORKSHOP DELFT – 13-15 15-16 SEPTEMBER 2011

CHALLENGES OF WASTE WATER DISPOSAL

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BANGLADESH



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- > 29,000 refugees from Myanmar (Rohingya) divided in 2 of camps since mid-1990's
- > 635 stands (Kutapalong) + 842 stands (Nyapara)
- Daily production of faecal sludge around 29 m3/day
- > Average density is 490 person / hectare
- Terrain is hilly with heavy precipitation during the rainy season
- No possibilities to expand/extend the camps (mosoon)























DESIGN CRITERIA

Low operation and maintenance cost
Low tech (when possible no pump)
In the example of Bangladesh low footprint
Meeting standard of the country
However wastwater treatment is in an exception!