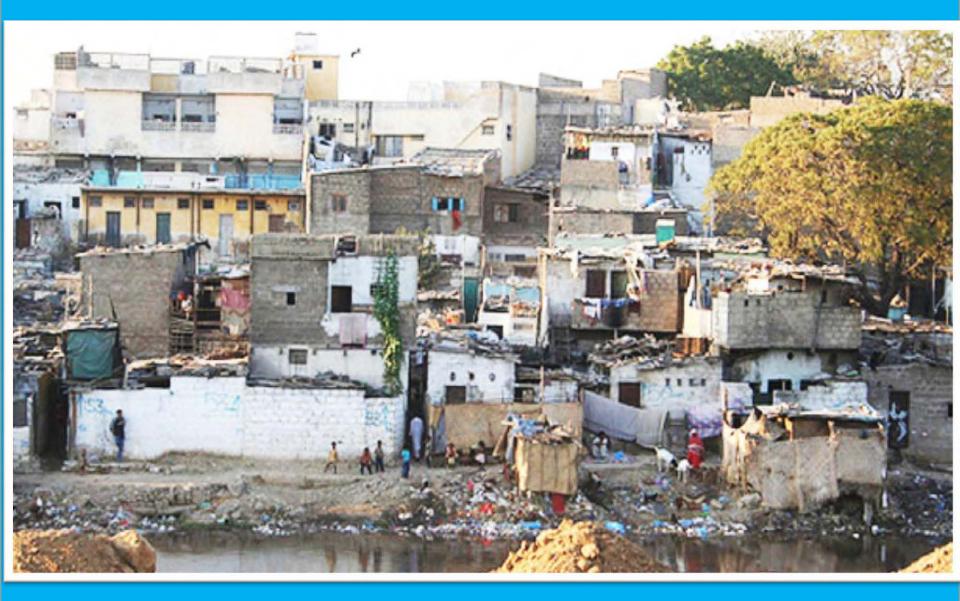
Fukuoka Office Presentation Basic Services

UNITED NATIONS HUMAN SETTLEMENTS PROGRAMME PAKISTAN

November 2012



A Growing Programme

- Improved living conditions, health status and income of almost 2 million people in Pakistan through
 - -Provision and improving Access to safe drinking water
 - and sanitation
 - -Promoting innovative solutions for Watsan and Solid
 - Waste related problems
 - -Behavior Change Communications on Health, Hygiene and Nutrition
- Saving Millions of lives through Humanitarian Action
- Promoting Private Sector Technologies and Partners with PWOPs (network of all urban utilities in Pakistan)

Mainstreamed innovative technological options

Safe Drinking Water
 Production of chlorine at
 Settlements' level
 WATA Kit by Antenna
 Technologies Swiss

Safer Defecation
 Bio-degradable 1-time use
 Portable Toilets
 Peepoo bags by Peepoople
 AB Sweden





Tando Mohammad Khan, Sindh

 Treatment of Sewage for re-use Constructed Wet land – UNH Nepal



Thatta, Sindh

 Solid Waste Management Integrated Resource Recovery Centers with UNESCAP Thailand and Waste Concerns Bangladesh



The Process

- Piloting after Systematic Research & Development on an Idea or Technology
- Involving stake holders in evaluations WASH cluster (National & Provincial)
- Sharing findings for Replication/Adaptation
- Advocacy with Policy Makers and Donors for promoting a Technological solution or an Approach including those from Private Sector

EGM-Nov 2011

- Technological options shown by Japanese Public and Private stake holders were shared with Government Officials and heads of all utilities through PWOPs
- WASA Faisalabad expressed interest to visit Japan at their own expense and follow up with some private sector partners like 'Aqua'
- WASA Gujranwala wants to use "OGURINKO" -the Sewer Pipe Inspection Robot Series

Opportunities

- Improving revenue collection from water
- Meeting sanitation MDGs
- Surveillance of water quality
- Financial sustainability of the public utilities
- Entrepreneuring solid waste management systems
- Setting pro-poor water tariffs
- Land affordability

UNE HABITAT UNITED NATIONS HUMAN SETTLEMENTS PROGRAMME PAKISTAN

Thank You