Workshop on Small-Scale Sanitation Systems A Roadmap for Decentralised Wastewater Treatment in Nepal: Learning from the South Asian Experience

Kathmandu, 9 April 2018

The 4S Project – Objectives and Approach

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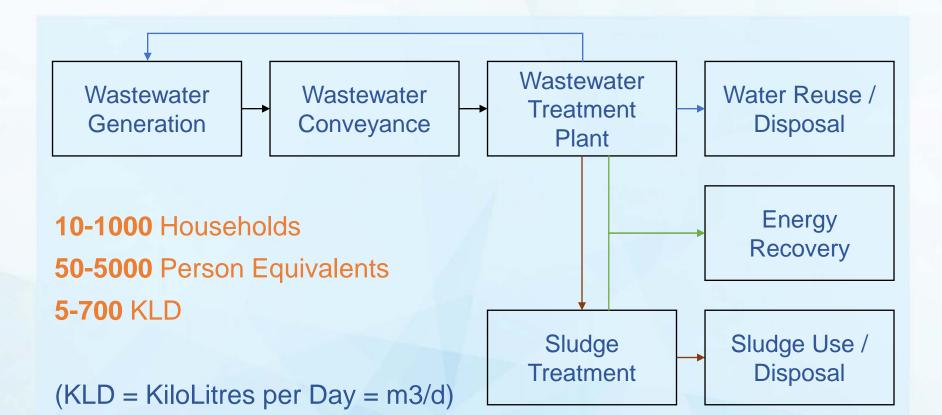


Consortium for DEWATS Dissemination Society

Small-Scale Sanitation Scaling-Up

in South Asia

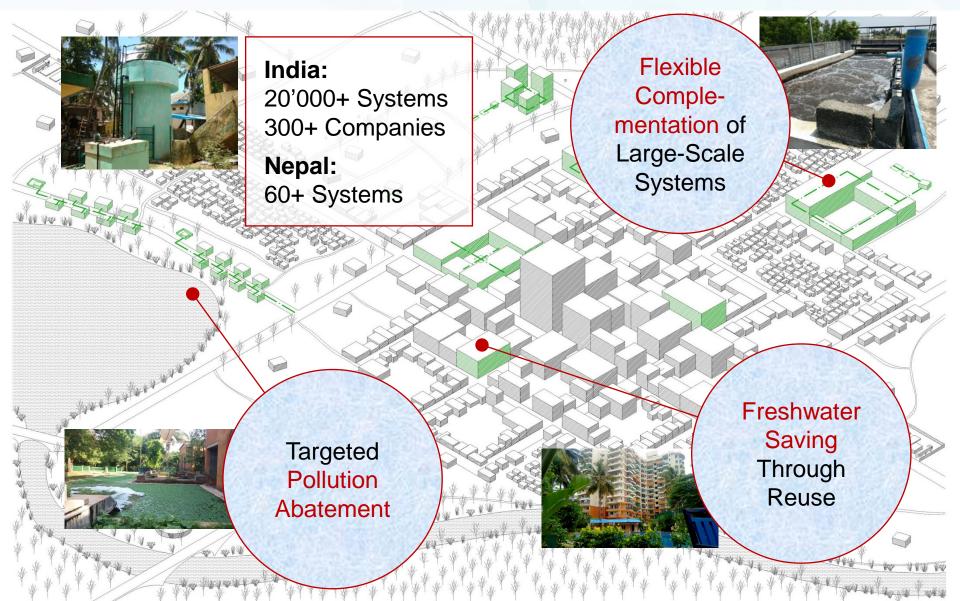
Small-Scale Sanitation...



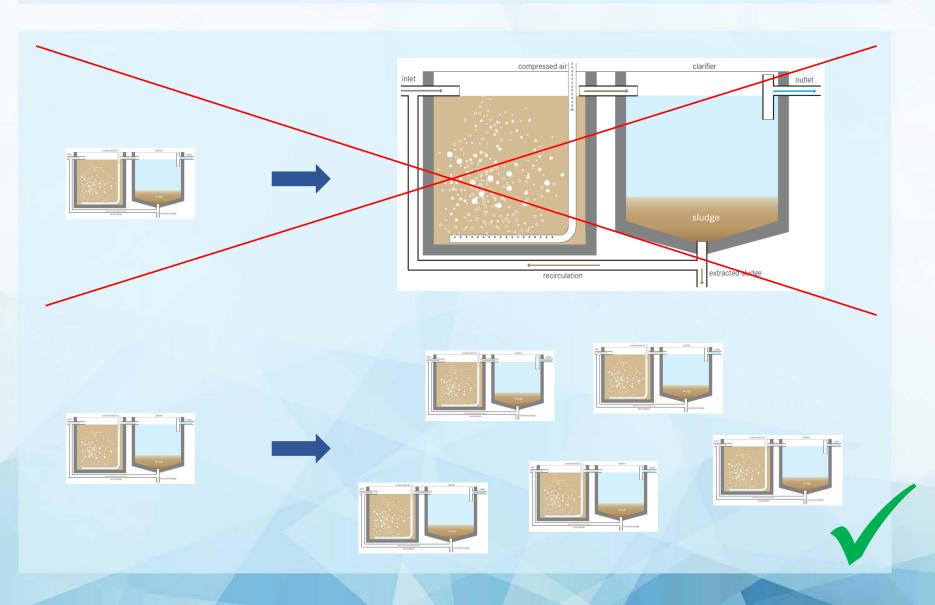




Small-Scale (Decentralised) Sanitation: Big Opportunities, Growing Market



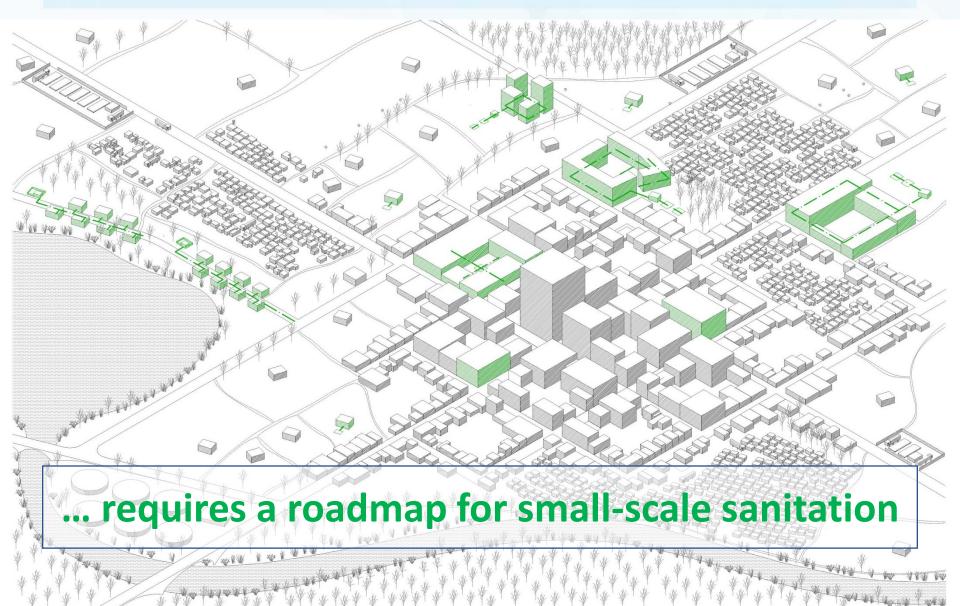
... Scaling-Up



Scaled-Up Urban Sanitation



Scaled-Up Urban Sanitation



Why this Project?

- Previous research focused mostly on technology, not management
- Continuously increasing numbers of small systems
- Sanitation as policy priority of South Asian governments
- Interest in viability of small-scale systems in comparison with conventional approaches



4S Objectives

Project partners













BILL& MELINDA GATES foundation



Federal Ministry for Economic Cooperation and Development

- Investigate technical, financial and management performance of existing small-scale sanitation systems
- Develop a cause-impact framework for the success and failure of small-scale sanitation systems
- Investigate the management and institutional schemes required for effectiveness, and how to include the private sector
- Carry out a simplified comparative cost-benefit analysis, incl. capital, operational and asset maintenance requirements for varying scales of operation
- Determine in which contexts a small-scale approach is optimal and sustainable
- Develop policy recommendations for scaling-up

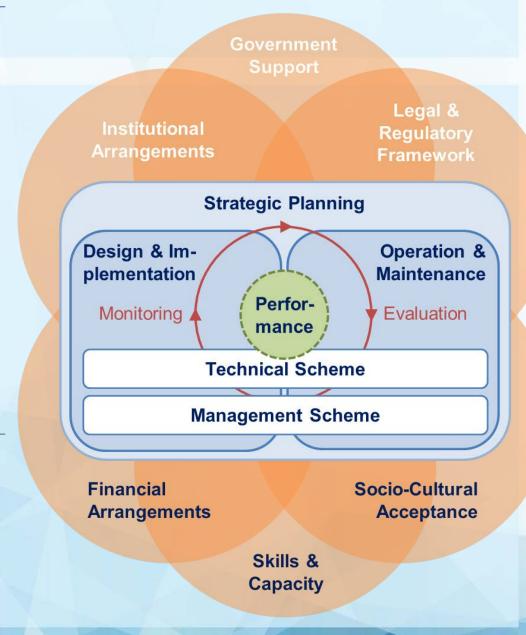
4S Approach

Governance Level

System Level

Sanitation

- 1. Landscape Study
- 2. Basic Assessment of Systems
- 3. In-Depth Analysis of Performance
- 4. Policy, Institutional and Governance Analysis
- 5. Financial Analysis



Main Project Outputs

- Project report summarizing the main findings (technical, financial and institutional)
- Small-scale sanitation technology factsheets with key information
- Policy brief with recommendations for sustainable scaling-up of SSS sector



Thank you!

www.sandec.ch/4S