

The South Asia Urban Knowledge Hub



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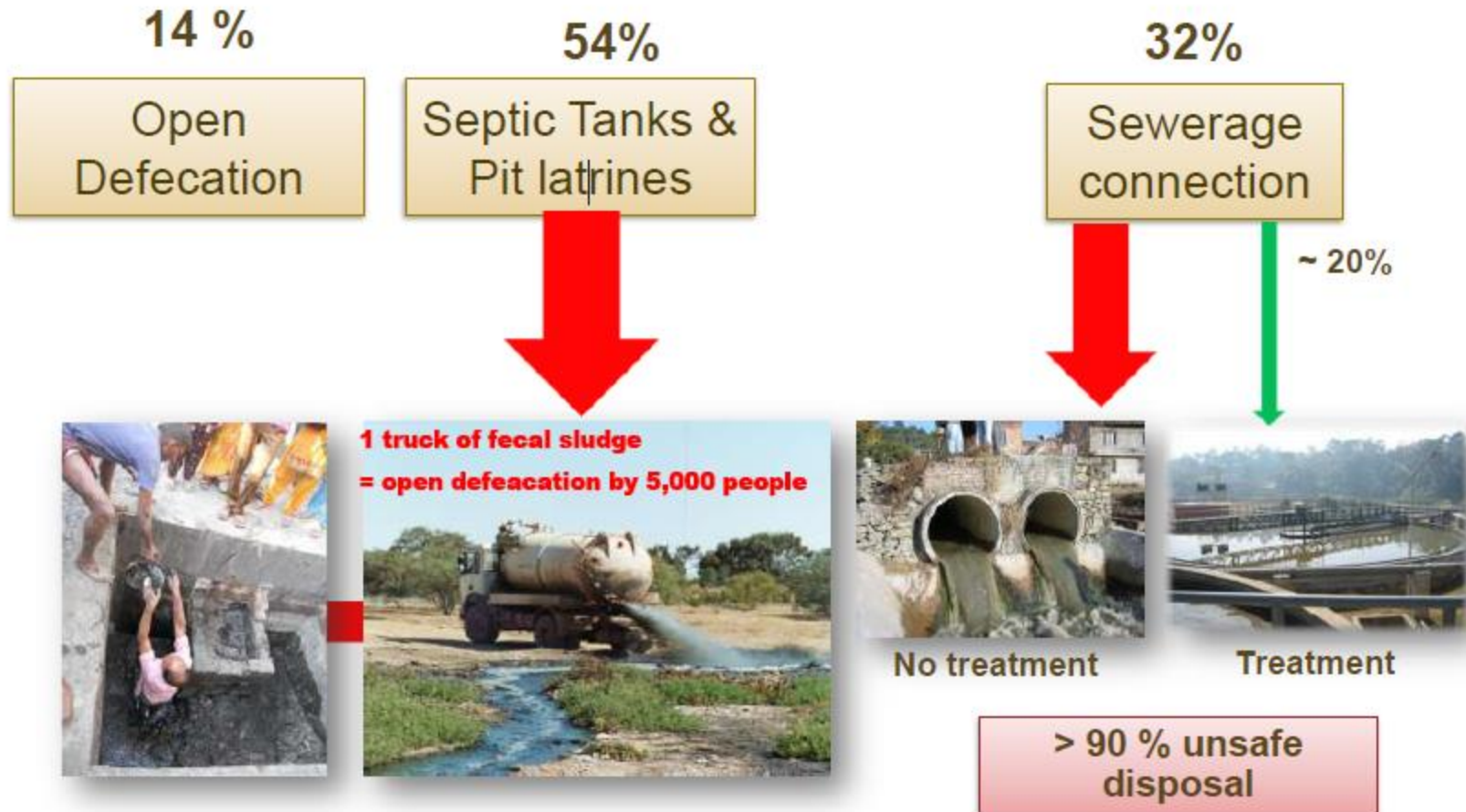
Regional Policy Dialogue on
Sustainable Urbanization in South Asia
New Delhi

17-18 December, 2014

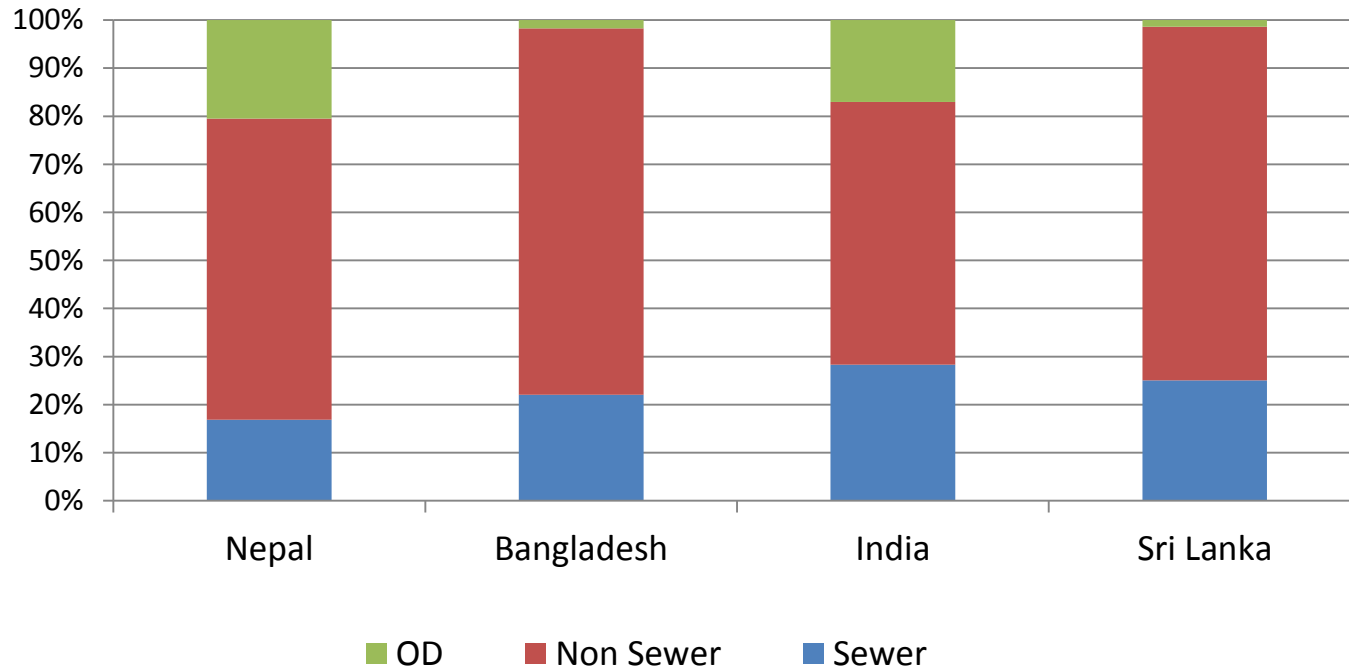
Presentation Outline

- Urban Sanitation in South Asia: issues
- Knowledge Management and Sanitation
- South Asia Urban Knowledge Hub

Urban Sanitation in South Asia



Sewered vs. non-sewered



- More than 50% urban population in the region are based on non-sewer sanitation (30million septic tanks; 6 million pits only in India)
- Need for consolidated sludge / septage management
- Non-sewered sanitation market is inefficiently structured – no support from public sector

Urban Sanitation Investment

Globally, investment in sanitation increased from 30 to 60% in the last two years, 80% of which was invested in sewerage network based sanitation (Tremolet, 2013)

Sanitation investment of development banks and national flagship programmes a (e.g. JNNURM) are dominated by large scale sewerage based systems

Dhaka city needs 69 million USD for rehab of its current sewer system & 1.2 billion USD to expand its citywide service network (DWASA, 2013)



Fecal sludge – ignored component in sanitation sector

- Manual emptying; mechanical equipment under-utilised, wherever available
- Service provision unregulated – informal market
- Limited performance of existing technologies (emptying, transportation, resource/energy recovery)
- Most septage management projects focus on infrastructure only (procurement of equipment)
- Advisory note on septage management by MoUD, GoI, 2013 – step forward



Emerging system for decentralized sanitation

- Several units in India, Nepal and Bangladesh
- Land availability a limiting factor
- O & M a challenge



Sanitation value chain

- Access to sustainable sanitation is achieved by products and services delivered along the entire value chain at scale
- Technologies and services should meet users' preferences and national requirements



预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_4694

