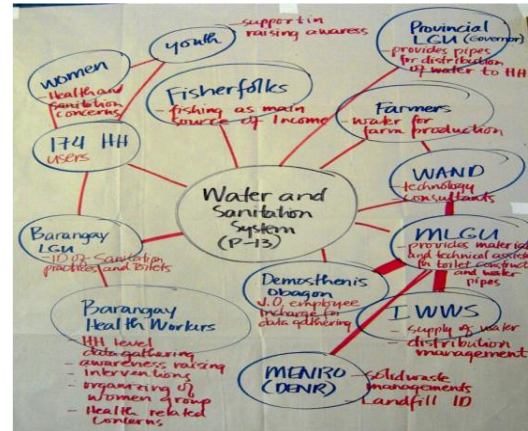




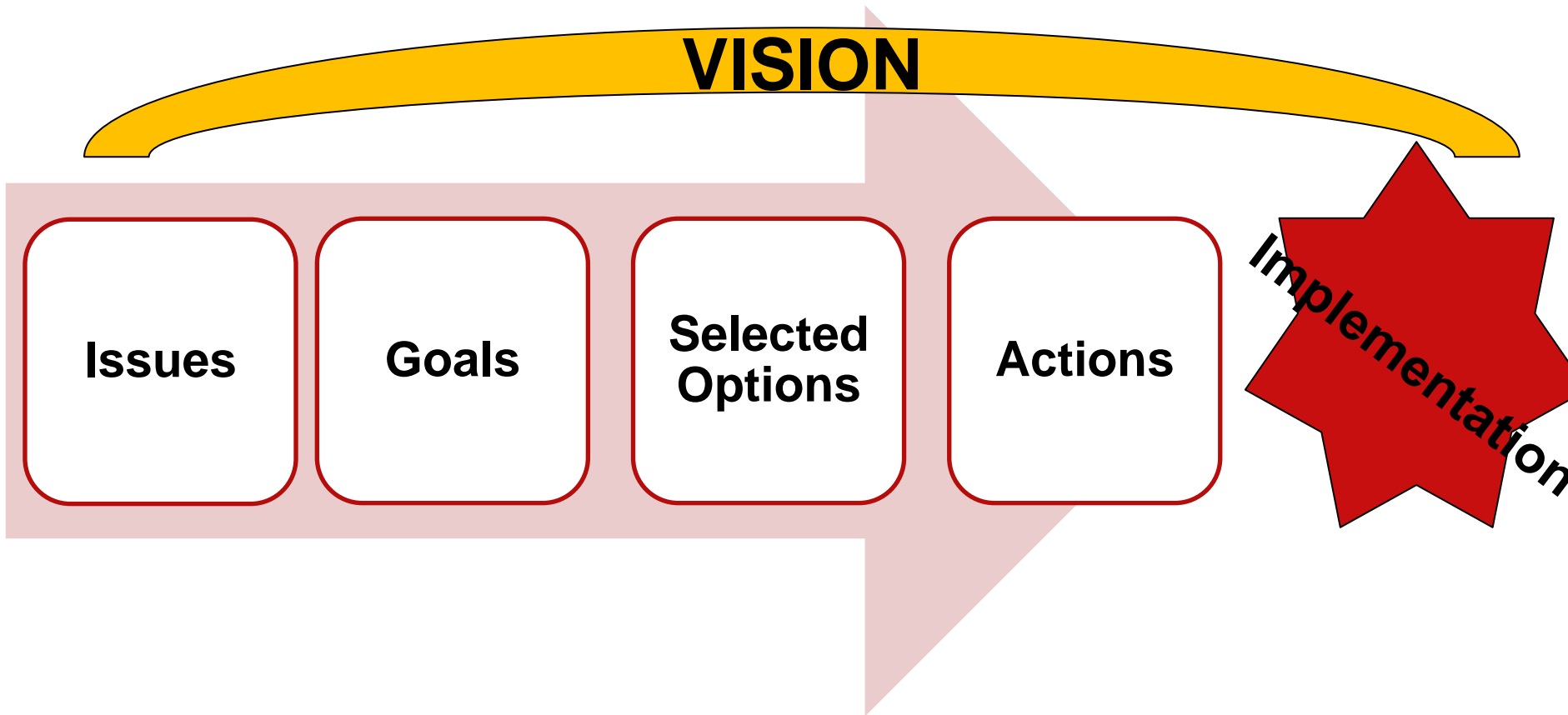
# GIZ Support to Ministry of Urban Development Training on Preparation of City Sanitation Plan – Part III State of Andhra Pradesh



## Session 2: Strategy Development Vijayawada, 11-13 of April 2016



# Strategy Development





## First step: Issues to goals

ISSUE	GOAL
No coverage to sewerage system in peripheral areas and limited sewer connectivity in covered areas	<b>Achieve 100% sewer connection in a combined mode of centralized and decentralized system</b>
Prevalence of open defecation in certain low-income pockets.	<b>Provide adequate sanitation facilities in all slum settlements</b>
Cost recovery levels in water supply and solid waste are very low against O&M costs.	<b>Improve collection efficiency of solid waste and water charges</b>
Littering and waste dumping in open storm water drains	<b>Make open drains litter-free</b>
Regulation and oversight of onsite sanitation and septage management is inadequate.	<b>Implement a septage management priority project with clear roles and responsibilities</b>



# Align your goals with SBM and AMRUT

## SBM

- 100% elimination of open defecation
- 100% door to door collection
- 100% transportation of waste
- 100% processing and safe disposal

## AMRUT

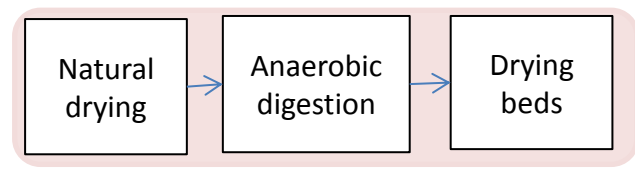
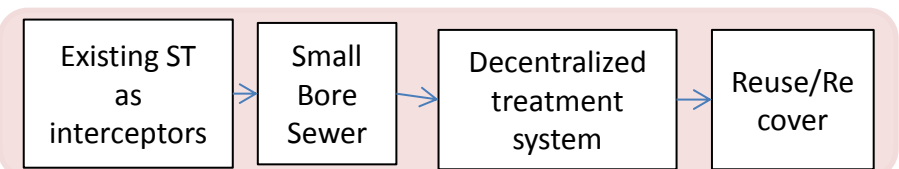
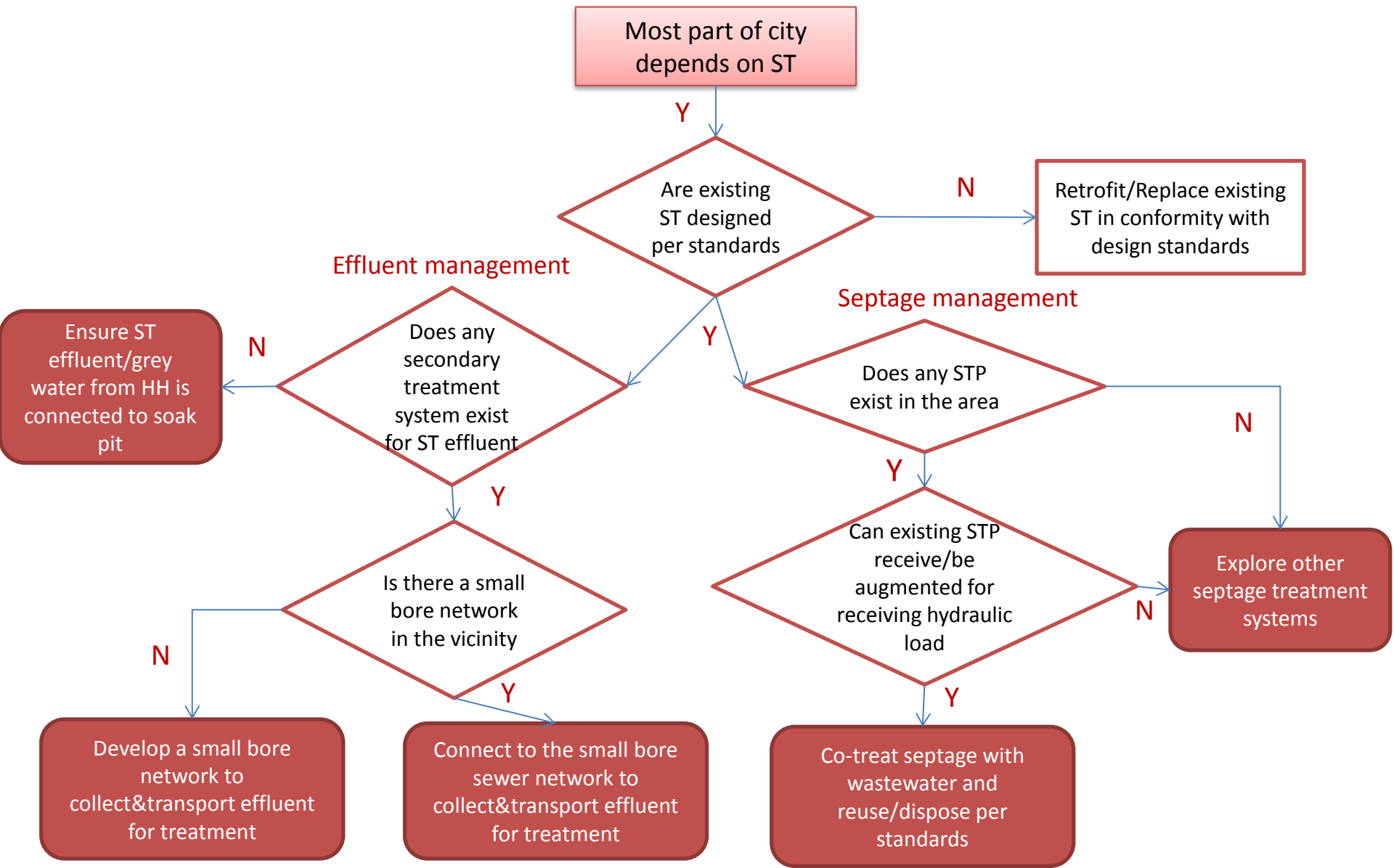
- 100% coverage with water supply
- 100% coverage with sewer connections or septage management system



# Reaching an informed decision from various options

**The final aim of strategy development is reaching an informed decision that can be explained to stakeholders, council and CSTF and that is implementable**

- *Every context is different → There is no blue-print solution*
- *Use your data analysis*
- *Consider various options*
- *Discuss options within the CSTF and the technical teams of the ULB*
- *Options need to be assessed not only technically, but financially, socially, environmentally and for human resources*





# Framework for options of SBM and AMRUT

- SBM and AMRUT don't cover the complete project cost  
→ Additional sources of funding and revenue creations have to be taken into account  
→ Only cost-intensive options are not feasible
- AMRUT wants you to think “Out of the Box” – Promote Water Reuse and Recycling, Septage Management, Decentralized and centralized sewerage systems, Smart Solutions



# Translate Goals and Options into Actions

**Goal:** Elimination of Open Defecation

**Selected Option:** Promoting community toilets in slum pockets and public toilets in market areas

## **Actions:**

- Compile inventory of existing public and community toilets
- Conduct demand assessment
- Develop business model for toilets
- Design IEC campaign and mobile app for toilets
- Tender process





# Translate Goals and Options into Actions

**Goal:** Implement septage management system

**Selected Option:** Improvement of existing septic tanks and construction of septage treatment facility

## **Actions:**

- Assessment of existing septic tanks
- Awareness campaign for households on septage management
- Regularise private operators
- Feasibility study for septage treatment facility (incl. re-use options)
- Preparation and submission of DPR



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**Published by**

Deutsche Gesellschaft für  
Internationale Zusammenarbeit (GIZ) GmbH

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In cooperation with

Ministry of Urban Development, Government of India



TOWARDS CITY WIDE SANITATION