Shit Flow Diagram: Case from Nepal

April 25 - 27, 2023
# SFDs from Nepal

Working towards a paradigm shift in the global south...

<table>
<thead>
<tr>
<th>SFD Levels</th>
<th>Cities</th>
<th>Prepared by</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lite</td>
<td>20</td>
<td>ENPHO, ECO-CONCERN, CWIS TA-Hub, KVWSMB (19)</td>
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<tr>
<td></td>
<td></td>
<td>WATER AID (1)</td>
</tr>
<tr>
<td>Intermediate</td>
<td>14</td>
<td>ENPHO, MuAN, UCLG-ASPC (11), ENPHO &amp; WHH (2)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EAWAG &amp; 500B (1)</td>
</tr>
<tr>
<td>Comprehensive</td>
<td>1</td>
<td>ENPHO</td>
</tr>
<tr>
<td>Total</td>
<td>35</td>
<td></td>
</tr>
</tbody>
</table>

**Ongoing SFD preparation**

- 58 municipalities
- Data collection completed: 22
- SFD on review: 3
Overall SFD graphic result of Nepal

- Highly variable from national data,
  - Offsite sanitation: 11%
  - Onsite sanitation: 85%
  - Open defecation: 5%

- Currently the uploaded SFD reports can not be generalized to reflect the actual case
➢ Almost 80% of the population rely on the offsite sanitation system

➢ 4% of WW is being treated
➢ Almost 95% of the population rely on the onsite sanitation system

➢ Still 3% of the population does not have toilet

➢ No FSTP in the 14 cities, population using household anaerobic digester is considered as treated
➢ Sensitized key stakeholders

➢ Construction of FSTP: Waling and Dhulikhel Municipality

➢ Preparation of DPR for FSTP and incremental budget allocation on sanitation

➢ Preparation of Bylaws for safely managed sanitation
Challenges/Issues

➢ Unavailability of secondary data

➢ Difficulty in risk assessment as significant or low risk to groundwater pollution, particularly in hilly and mountain region

➢ Determining FS contained and Not contained: not practical to observe the bottom of the containment

➢ Misunderstanding of safely stored FS as safely managed FS

➢ Acknowledgement by the government through taking ownership???
Misunderstanding on FS contained as FS managed

Present case on sanitation status

Sanitation status in coming days without any intervention

Working towards a paradigm shift in the global south...
Thank you!

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