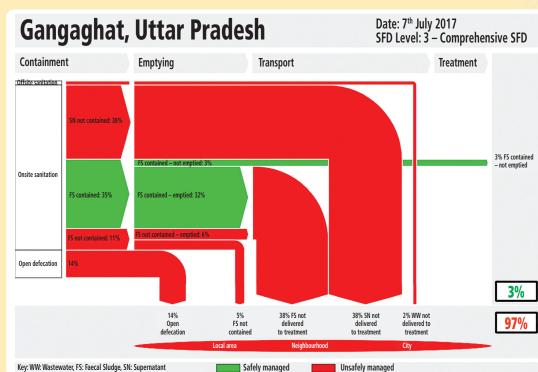
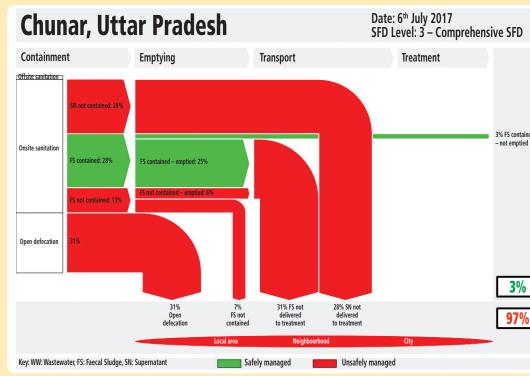
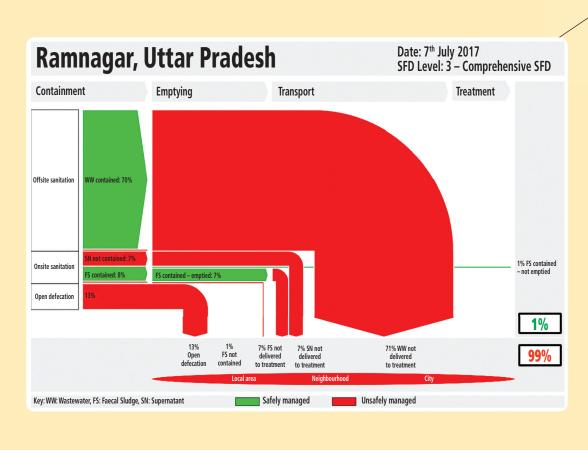
Bijnor, Uttar Pradesh SFD Level: 3 - Comprehensive SFD **7**%









will check the flow of untreated sewage into the river from 118 towns and cities. CSE visited 10 towns and cities along the Ganga and found that the authorities have miserably failed to manage faecal sludge, which is only going to increase in volume with the implementation of on-site sanitation under Swachh Bharat Mission

the Ganga on going open defecation-free Uttarakhand 7.38 MLD

MUZAFFARPUR

(1) 354,462

271,754

BODHGAYA

• **4** 29,470

1 38,439

JHARKHAND

BUXAR

Effective Population

Unsafely managed

Safely managed ☆ Open defecation free

Faecal Sludge/ Septage

WW: Wastewater; FS: Faecal Sludge

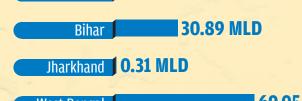
SN: Supernatant or effluent from on-site sanitation system

RAMNAGAR

14,947

102,861

78,860





KATIHAR

WEST

BANSBERIA 103,920 79,672

BENGAL

(1) 240,838

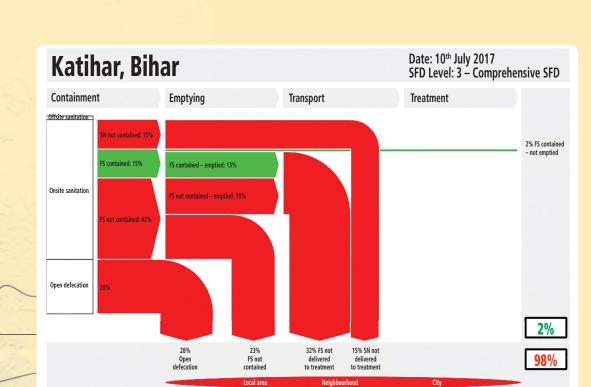
184,642

BONGAON

108,864

9 83,462

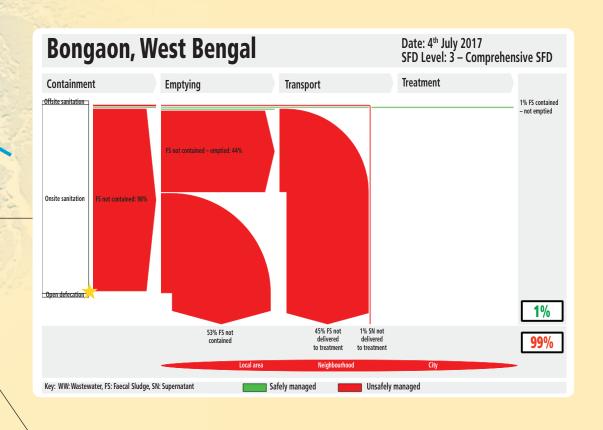
72.73 MLD

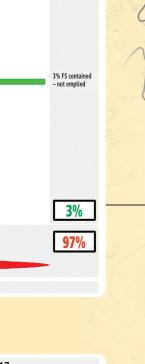


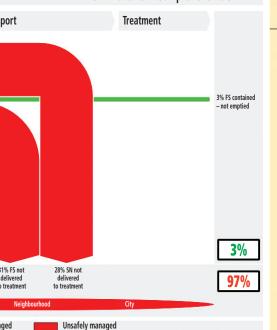
Safely managed Unsafely managed

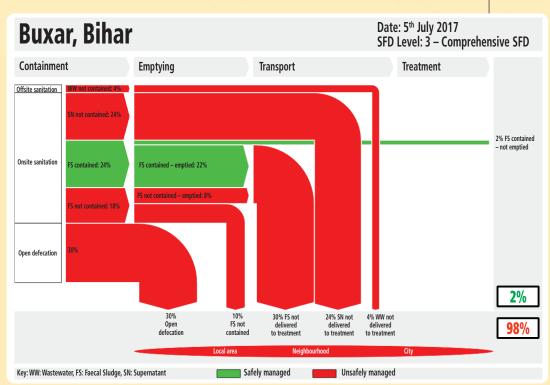
Muzaffarpur, Bihar

Key: WW: Wastewater, FS: Faecal Sludge, SN: Supernatant









SFD Promotion Initiative - Consortium Partners

WEDC Loughborough University

WORLD BANK GROUP

UTTARAKHAND

UTTAR PRADESH

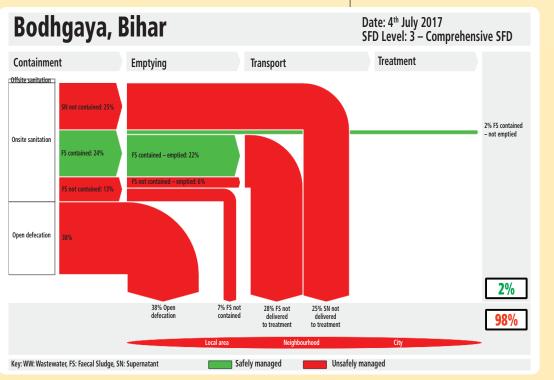
(1) 84,072

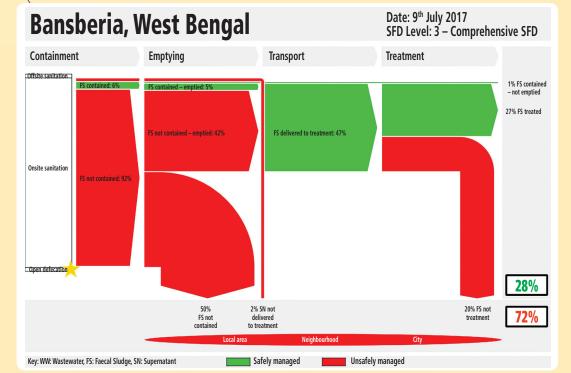
4 64,455

BIJNOR

1 93,297

4 71,528





What is an SFD?

Date: 8th July 2017 SFD Level: 3 – Comprehensive SFD

10%

FS not treated 90%

An excreta flow diagram (also often described as shit flow diagram, SFD) is a tool to readily understand and communicate visualizing how excreta physically flows through a city or town. It shows how excreta is or is not contained as it moves from defecation to disposal or end-use, and the fate of all excreta generated. An accompanying report describes the service delivery context of the city or town.

SFD is

- A tool for engineers, planners and decisionmakers
- Based on contributing populations and an indication of where their excreta (septage or sewage) goes
- A representation of public health hazard An effective
- communications and advocacy tool
- An overview from which sanitation priorities are developed

SFD is **NOT**

- Based on actual volumes/ mass – these are determined by other related factors
- A representation of public health risk
- (risk = hazard x behavior) A precise scientific analytical tool

Purpose of an SFD

SFDs are a useful tool to inform urban sanitation programming. They offer an innovative way to engage city stakeholders like political leaders, sanitation experts and civil society organizations in a coordinated dialogue about excreta management. They can also be used for advocacy.

Contact for further information

SFD Initiative co-ordinator (sfdhelpdesk@cseindia.org) Centre for Science and Environment, 41-Tughlakabad Institutional Area, New Delhi-110062 Tel. 91- 11 -40616000 Fax. 91-11-29955879 Website: www.cseindia.org

Prepared under SFD promotion initiative, Phase II