



# Toolkits for Water – Sanitation Sensitive Design and Planning

**Exhibitor: Centre for Science and Environment (CSE), New Delhi, India**

Interactive Zoon session: 18<sup>th</sup> March, 11.30am to 12.00pm (Manila time)

**Suresh Kumar Rohilla**

**Senior Director – Water Programme, CSE**

‘Catalyzing Innovations and Digitization for Safe, Sustainable, Resilient, and Inclusive Water Management’  
Launch of E- Marketplace and Publications

Organized by ADBI



- **Set up in 1980's**, New Delhi based registered non profit society.
- Awarded Stockholm World Water Prize in 2005
- **CSE Regional – South Asia 2008-13**
- **CSE Global – 2014 and beyond**  
a global south based think-tank and capacity building institution. Linking national – global and contributing in global dialogue/ processes

An institution to bridge the **gap between information and knowledge**; between knowledge and public awareness; **to influence public policies and practices** for sustainable development

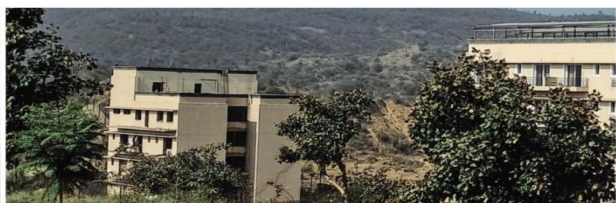
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*'to promote **sustainable development with equity, participation and democracy**'.*

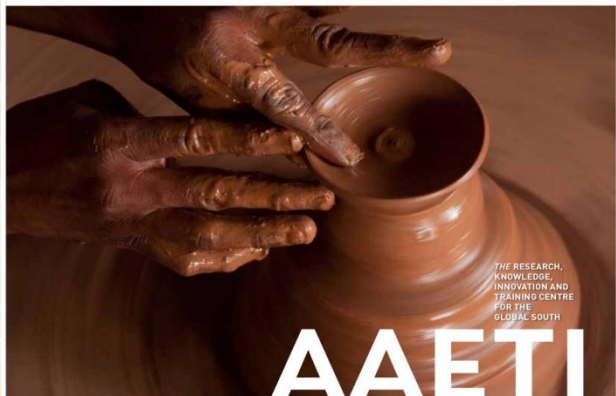
# CSE - Water Programme

- Aims to enhance water – sanitation literacy and **create a water wise** and waste prudent **society**.
- Research and knowledge dissemination hub in India and the **global South** working towards creating a **cadre of water and sanitation professionals**.
- Outreach by **developing implementable solutions** – **high visibility , high impact model projects to bring change at scale**





School of Water and Waste



THE RESEARCH, KNOWLEDGE, INNOVATION AND TRAINING CENTRE FOR THE GLOBAL SOUTH  
**AAETI**  
 ANIL AGARWAL ENVIRONMENT TRAINING INSTITUTE



**A teaching - learning and innovation centre that is designed to find appropriate and affordable solutions for key problems of India and the global south.**

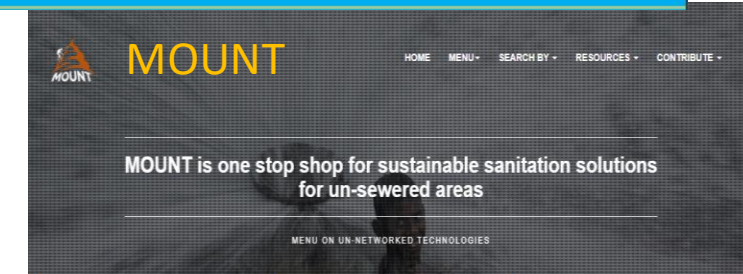
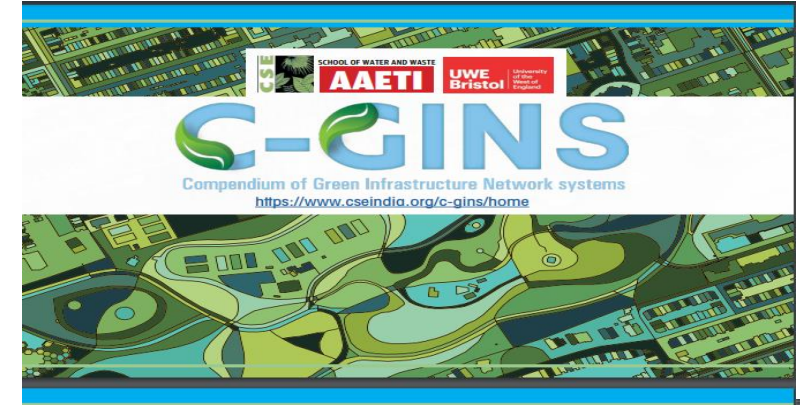
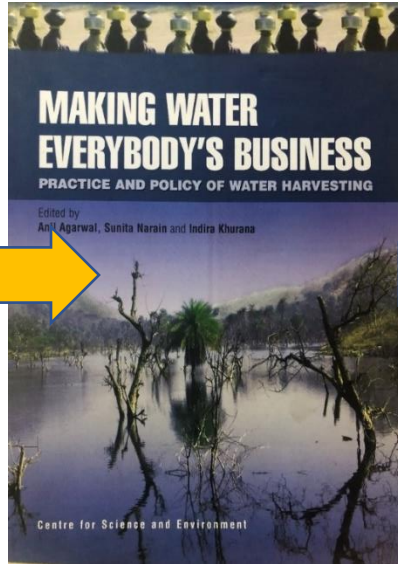
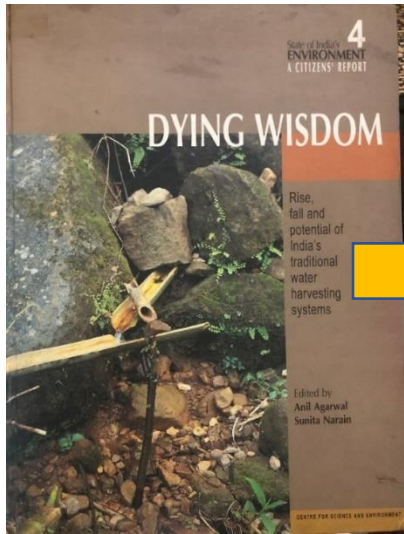
**Challenge of innovative policy and practice**

**Challenge of scale** -- implement change at the scale of the transition needed

**Challenge of capacity** – need multipliers in society to implement changes, think and act differently



# Mainstreaming Water – Sensitive Design & Planning - Way forward



Web based Compendium & Toolkits

# CSE Web Based Toolkits

The screenshot shows the homepage of the Centre for Science and Environment (CSE India). The browser address bar displays [cseindia.org](http://cseindia.org). The website header includes the CSE logo and the text "Centre for Science and Environment". Navigation links include "About CSE", "Work with CSE", "Contact us", and "Donate". Social media icons for Facebook, Twitter, LinkedIn, and Instagram are present. A secondary navigation bar lists "Research and Advocacy", "Knowledge Dissemination", and "Capacity Building". The main navigation menu is highlighted, with "Water & Wastewater" selected, showing a dropdown menu with options: "Rural Water and Sanitation", "Urban Water and Sanitation", "Global Water and Sanitation", "School Water and Waste (SWW)", "Partnerships", "C-GINS", "MOUNT", and "SANIKIT". A yellow arrow points to the "C-GINS" option. The "Latest" section features a poster for a "VIRTUAL FARM MOUNTAIN RURAL AIR QUALITY" event on March 18, 2021. The "Press Releases" section lists three articles: "One in every two Indian power plants does not meet the 100% fly ash utilisation target: CSE" (March 10, 2021), "In a nation where one in every four Indians is overweight or obese, we have a right to know which food is bad, and how much of it is bad: CSE" (March 05, 2021), and "CSE detects changes in winter smog patterns in Delhi-NCR" (March 03, 2021). The "CSE Training Courses" section lists three courses: "Online Training Course: Understanding Traffic Impact Assessment", "Online training course on Multi-sector Strategies for Clean Air Action in Cities", and "Three-Day Residential Training Programme on Environmental Impact Assessment for Air Polluting Industries". A "Tweets" section shows a tweet from @CSEINDIA. The browser's taskbar at the bottom shows the Windows logo, search, and task view icons, along with the system tray displaying the time as 07:12 on 18-03-2021.

Visit : [www.cseindia.org/](http://www.cseindia.org/)



PREPARING A  
**CITY  
SANITATION  
PLAN**

<https://www.cseindia.org/sanikit/index.html>

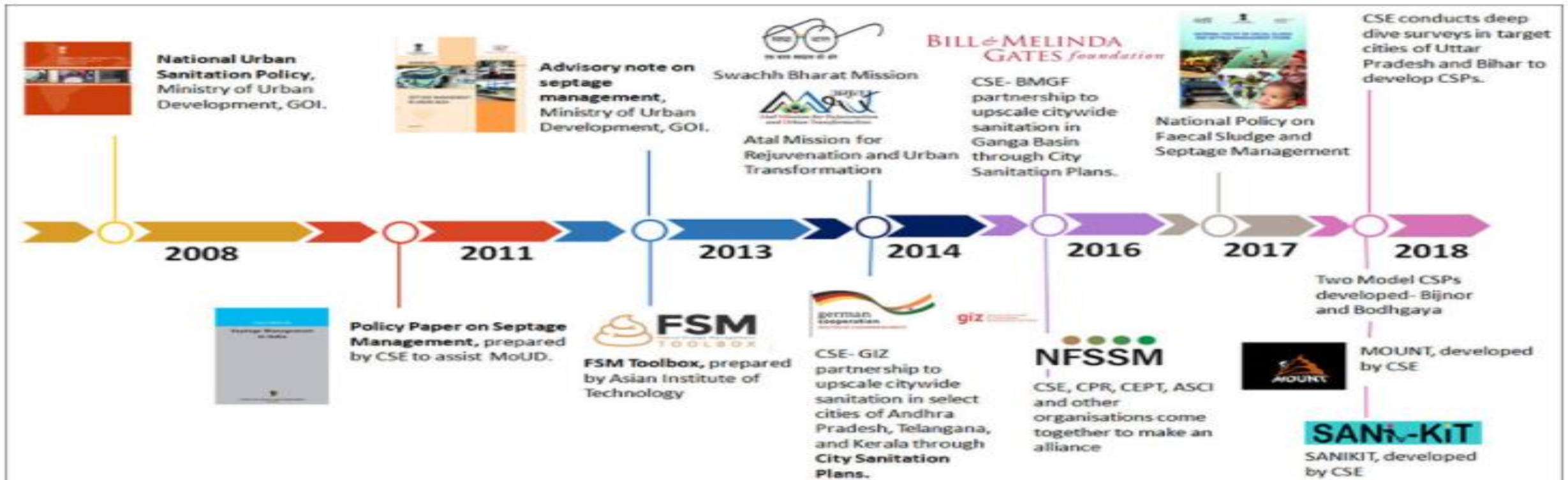
Evolution of Sani-Kit

Why Sani-kit?

What is Sani-kit?

Who can use Sani-kit?

How to use Sani-kit?





# SANi-Kit - Web based support for Preparing City Sanitation Plans

<https://www.cseindia.org/sanikit/index.html>

**SANi-KiT**  
PREPARING A CITY SANITATION PLAN

[HOME](#) [ABOUT SANI-KIT](#) [BACKGROUND](#) [SANI-KIT](#) [RESOURCES](#) [FAQ](#)

ALL ( 12)

STAKEHOLDERS ( 3)

DATA ( 3)

ACTION PLAN ( 3)

IMPLEMENTATION ( 3)



## WHAT IS SANI-KIT?

Sani-Kit is a web-based portal with a comprehensive collection of essential tools to enhance the capability of urban local bodies in India to prepare a high quality, city owned, city sanitation plan.

[READ MORE>>](#)

## WHAT IS A CITY SANITATION PLAN?

A city Sanitation Plan is a vision document on sanitation which consists of strategic planning processes in order to achieve the objectives of citywide sanitation with a 25-30 year horizon.

[READ MORE>>](#)

## WHY CSP

A city Sanitation Plan is a vision document on sanitation which consists of strategic planning processes in order to achieve the objectives of citywide sanitation with a 25-30 year horizon. For more information, visit this page

[READ MORE>>](#)

# MOUNT : Sustainable Sanitation Solutions for Un-Sewered Areas

<https://www.cseindia.org/mount/home>

**MOUNT**

HOME MENU SEARCH BY RESOURCES CONTRIBUTE

## MOUNT is one stop shop for sustainable sanitation solutions for un-sewered areas

MENU ON UN-NETWORKED TECHNOLOGIES

### Background

Nearly 61% of the global population (4.5 billion people) lack safely managed sanitation services (use of a toilet or latrine that leads to treatment or safe disposal of excreta). In a country like India only 40% of urban households are connected to sewerage network, [read more](#)

### About MOUNT

MOUNT is an aggregator platform for various sustainable technologies, encouraging and disseminating knowledge and good practices for wastewater management. On this platform the information you can get is on: + 4 categories of technologies + 19 technologies [read more](#)

### How To Use MOUNT

Depending on your need you can search on MOUNT on the basis of [technology](#), [sub-technology](#) or [case study](#). In case you are confused between the meanings of the terms use the glossary, in case you are not, you can move on to search [read more](#)

07:57  
25-09-2020

## SEARCH BY TECHNOLOGY

Onsite Treatment

Decentralised Treatment

Faecal Sludge Treatment

In-situ Treatment

08:01  
25-09-2020

# MOUNT : Search by type of technology, Capital Cost, O&M &

The screenshot displays the MOUNT website's home page. At the top, a navigation bar includes 'HOME', 'MENU', 'SEARCH BY', 'RESOURCES', and 'CONTRIBUTE'. A yellow dashed oval highlights the 'SEARCH BY' and 'CONTRIBUTE' options, with a blue arrow pointing to 'CONTRIBUTE' and the text 'Contribute or Find Resources'. Below the navigation bar, four technology categories are presented in colored boxes: 'Onsite Treatment' (blue), 'Decentralised Treatment' (red), 'Faecal Sludge Treatment' (orange), and 'In-situ Treatment' (green). Each category includes an icon, a brief description, and a 'Search by' dropdown menu. A yellow arrow points from the top of the 'Onsite Treatment' box down to the 'Search by' dropdown of the 'Decentralised Treatment' box. A red dashed oval highlights the 'Search by' dropdown of the 'Decentralised Treatment' box, which is open to show three options: 'Sub Type of Technology', 'Capital cost (Rupees / KLD)', and 'O&M (Rupees/KLD/ year)'. The website's footer features the CSE logo and a search bar. The Windows taskbar at the bottom shows the system clock as 07:51 on 06-04-2019.

Visit : [www.cseindia.org/mount/home](http://www.cseindia.org/mount/home)



## MENU OF CASE STUDIES WORLDWIDE

C-GINS is your one stop platform to explore best management practices showcasing sustainable urban water systems.

<https://www.cseindia.org/c-gins/home>

# C-GINS: Compendium of Green Infrastructure Networks

**73**  
Case Studies

**36**  
Global  
Case Studies

**37**  
Indian  
Case Studies

## Explore with Map



## Explore by scale

Regional Scale ▼

City Scale ▼

Neighbourhood Scale ▼

Individual Scale ▼



## Explore by Objectives



Water Conservation

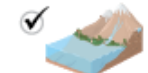


Pollution Abatement



Urban Flood Mitigation

## Search by



Water Bodies



Parks and  
Open Spaces



Residential



Institutional



Transportation



Intervention

Policy

Plan

Project



Ownership

Government

Private



QR code 13

# C-GINS

Compendium of Green Infrastructure Network systems

What else you can explore?



KNOWLEDGE



ACTION LEARNING



ANNOUNCEMENTS



*Share Your Story!*

*Tell us your story....*

<https://www.cseindia.org/c-gins/home>



***Without progress on Goal 6 : Clean Water and sanitation the other goals and targets will not be able to be achieved ... and will remain as pipe dreams !***

**Thank You.**

Visit CSE Website: [www.cseindia.org](http://www.cseindia.org)

Email: [srohilla@cseindia.org](mailto:srohilla@cseindia.org)

Thank you