

## ASSIGNMENT BOOK

## Owned by:

Organization:

## Designation:

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Introduction
This document, 'CWIS ToT - Assignment Book' is for participants to work on any ideas discussed during the sessions. This book is a supporting document for the participants while conducting the "CWIS- ToT" training. This is a compilation of all the works assigned to participants along with space to note their ideas and make necessary notes.

Objective
The main objective of the document is to serve the participants as scaffolds required for the adult learning which is one of the core principle of adult learning. To this, the other objective is to provide the related links and reference materials for the additional learning or exploring more on the topic covered during the training.

How to Use?
The document consist of the work assigned to the participants related to the sessions covered in the training. As per the convenience and as per the pace of the CWIS TOT, participants are to go through the materials provided and make notes as described in each task.
From the trainers perspective, the summary of each of assignments could be discussed right after the day review of each day.

## Lesson Plan 1: Training Opening

## Learning Outcomes

At the end of this session participants will be able to:

1. Introduce participants and trainers in participatory approach
2. Discuss the groups' expectations and agenda for the training

Assignment 1.1: Introduce
Reason to get motivated to work/ training in urban sanitation:
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Interesting fact about you:
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# Lesson Plan 2: Sanitation Status and Sanitation Service Chain 

## Learning Outcomes

1. Explain key terminologies of sanitation sector
2. Outline the sanitation initiatives against the goals and targets of GoN and have idea on way forward

Assignment 2.1: Briefly quote your understanding of following terms:
Sanitation service chain vs sanitation system
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Onsite Sanitation system vs off-site sanitation system
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Improved sanitation vs safely managed sanitation
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Wastewater management vs Fecal sludge management
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## Lesson Plan 3: CWIS: Concept and Introduction

## Learning Outcomes

At the end of this session participants will be able to:

1. Describe CWIS approach and its importance
2. Clarify the CWIS concept with the practical example
3. Discuss CWIS framework and principles of CWIS

## Assignment 3.1: Group work

1. Divide participants into 4 groups and assign each group a link to the task as follow:
a. Group 1: https://www.adb.org/sites/default/files/publication
/751531/cwis-citywide-inclusive-sanitation-needed.pdf

b. Group 2: https://www.worldbank.org/en/topic/sanitation/ brief/citywide-inclusive-sanitation
c. Group 3: https://www.frontiersin.org/articles/10.3389/fenvs.2020.00019/full
d. Group 4: https://www.youtube.com/watch?v=u3dY2m_GJes\&
 pp=ygUKRUFXQUcrQ1dJUw\%3D\%3D
2. If you are to deliver CWIS approach training/ orientation, what are the key messages that you would provide from the information from the link.

Assignment 3.2: How do you think, CWIS implementation can address sanitation issues in your working area?
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## Lesson Plan 4: CWIS Service Outcome - Equity

## Learning Outcomes

At the end of this session participants will be able to:

1. Articulate CWIS service outcome- equity
2. Summarize the key elements required for equity in sanitation sector

Assignment 4.1: Stakeholder engagement matrix- Name some of the sanitation stakeholders in each category of the matrix for a sanitation project of 2 crore rupees.

| High Power Low Interest | High Power High Interest |
| :--- | :--- |
|  |  |
|  |  |
| Low Power Low Interest | Low Power High interest |
|  |  |

Mayor
Chief administrative officers
Section chief
Community Based organizations
General public

Sanitation service provider Media
Private sectors
Development partners
Ward representatives

Assignment 4.2: How can you relate this stakeholder mapping matrix with equitable sanitation service provision?
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## Lesson Plan 5: CWIS Service Outcome- Safety

## Learning Outcomes

At the end of this session participants will be able to:

1. Discuss the CWIS service outcome 'safety' along with issues related to safety
2. Explain measures to attain safety throughout sanitation service chain

Assignment 5.1: Watch video on you-tube and note the answers of following questions: Video: https://www.youtube.com/watch?v=W8ReSOUYjZY
(Talk of the town, with Mayor of Birendranagar)


1. As discussed in the video, what are similar kind of sanitation issues in your working area?
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2. What would be your plan for mitigating the above mentioned issues?
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Assignment 5.2: Watch video on you-tube and note the answers of following questio
Video: WASH facility Center, Kirtipur
https://www.youtube.com/watch?v=nHOMeZguXeY\&pp
=ygUUd2FzaCBmYWNpbGIOeSBjZW50cmU\%3D


1. What are other possible interventions for the safety of sanitation workers in context of your working area?

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# Lesson Plan 6: CWIS System Function Responsibility and Accountability 

## Learning Outcomes

1. Describe at the end the CWIS system function 'Responsibility' and 'Accountability' along the sanitation service
chain
2. Identify key stakeholders for the Responsibility and Accountability in participant's context
3. Explain the roles and responsibilities for delivery of sanitation services

Assignment 6.1: Linking CWIS principle to responsibility and accountability:

- Which of the 7 principles of CWIS is linked to the responsibility and accountability component of CWIS framework and how? (Please visit the 7 principles of CWIS for reference)
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## Lesson Plan 7: CWIS System Function Resource Planning and Management

## Learning Outcomes

1. Explain resource planning and management along with CWIS financial framework
2. Interpret diverse mechanisms to strengthen financial resources
3. Analyze the financial flows of municipality and identify the gaps

Assignment 7.1: Government of Nepal has contextualized SDG 6 goal as below. Go through the provided document and based upon the findings and recommendations from the study, give your opinion on the set targets and indicators.

- Cost benefit analysis of sewered and non-sewered sanitation interventions pality, Nepal
(https://www.adb.org/publications/cost-benefit-analysis-of-sewered-and-non-sewered-sanitation-interventions-in-mahalaxmi-municipality-nepal)



## SDG 6 - Target and Indicators

| Targets and Indicators |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Assignment 7.2: As discussed in the session, give an example of proper resource planning and management done in your workinig area.
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## Lesson Plan 8: CWIS Service Outcome - Sustainability

## Learning Outcomes

At the end of this session participants will be able to:

1. Describe the concept on sustainable sanitation
2. Explain sustainable sanitation indicators/ criteria (including climate resilient sustainable sanitation)
3. Discuss strategies to make sanitation services more sustainable.

Assignment 8.1: Go through the link and note points of interest, challenges and opportunities for sustainable sanitation
https://www.mdpi.com/2071-1050/8/12/1289

Challenges:
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Opportunities
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Assignment 8.2: As discussed in the session of sustainability, note down the criteria of sustainability by reviewing SuSanA and FIEST approach.
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## Lesson Plan 9: Enabling Environment

## Learning Outcomes

At the end of this session participants will be able to:

1. 2. Define enabling environment for sanitation
1. Identify factors that creates enabling environment for safe sanitation

Assignment 9.1: View a video from the following link and note how can you connect the points discussed in the video with enabling environment for safely managed sanitation?
https://www.youtube.com/watch?v=a2-boL6W0x8

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Assignment 9.2: Note the key points discussed as per the document.
https://washkhabar.com/np/2023/07/27/31487
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## Lesson Plan 10: CWIS and Private Sector Engagement

## Learning Outcomes

At the end of this session participants will be able to:

1. Define the role of private sector as a key stakeholder in CWIS implementation.
2. Analyze the engagement of private sector in sanitation service delivery based on experience sharing.

Assignment 10.1: Watch the video relating to the private sector engagement in sanitation and note your perspective for possible ideas to encourage private sectors engagement in sanitation. (You may discuss in pair and note the points) https://www.youtube.com/watch?v=RPvENXps23c

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## Lesson Plan 11: Integrating CWIS in Project Cycle

## Learning Outcomes

1. Relate all components of CWIS framework into a project cycle
2. Apply CWIS approach in project planning, implementation and monitoring \& evaluation of the project

Assignment 11.1: In their earlier 4 groups, participants are to take a reference of a project cycle and ask to review the project cycle through CWIS perspective and incorporate CWIS components into the project cycle (if needed).
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## Lesson Plan 12: Monitoring and Benchmarking

## Learning Outcomes

At the end of this session participants will be able to:

1. Define the protocols for monitoring, evaluating and setting benchmarks in sanitation sector through CWIS perspective
2. Explain monitoring and evaluation tools for the measurement of the CWIS indicators

Assignment 12.1: Think about the existing monitoring protocol of your organization and analyze it through CWIS perspective, what could be added for the improvement in the existing monitoring protocol/ guidelines?
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## Lesson Plan 14: Technological Awareness

## Learning Outcomes

At the end of this session participants will be able to:

1. Explain pre-requisite and parameters for appropriate sanitation technology
2. Discuss different types of containment technologies used in Nepal
3. Discuss about different types of collection and transportation methods
4. Explain objectives of faecal sludge treatment technologies
5. Identify FS treatment technologies
6. Discuss on the treatment technologies used in Nepal

Assignment 14.1: Ask participants to go through internet and collect ideas on "reinventing the toilet challenges".

1. Who were the top 3 winners or what were the ideas that won the top 3 in the challenge?

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Assignment 14.2: Ask participants to go through the link and note the interesting points after reading the document.
https://washkhabar.com/np/2023/07/21/31384

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Assignment 14.3 Look for more innovative ideas and from CWIS perspective what/which sanitation technology would be most applicable in context of your municipality and why?
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## Lesson Plan 15: Exposure Visit and Practice delivery

## Learning Outcomes

At the end of this session participants will be able to:

1. Analyze the sanitation facilities/ infrastructures through CWIS perspective.

Assignment 15.1: After the field visit, in your group discuss and prepare the presentation as given format.

Assignment 15.2: As per given mini-lesson plan for delivery, go through it and prepare it for delivery in your pair.

## Government of Nepal

## Ministry of Water Supply

## Department of Water Supply and Sewerage Management

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