



Governance on Small Towns Water Supply Project in Nepal



Shashi Bhattarai

Development Research Engineer

shashi@icon.com.np

Binay Shah

Water and Sanitation Engineer

binay@icon.com.np

Srijan Aryal

Project Engineer

srijan@icon.com.np



www.icon.com.np



Presentation Outline

Project Background

Governance Overview

Project Cycle & Implementation Procedure

Project Status

Planning and Development Phase

Detail Engineering Phase

Implementation and Post Construction Phase

Positives from the Governance Cycle

Conclusion and Recommendation



Project Background

- The project utilize **community-based demand responsive** approach
- Owned and Operated by Community
- The project design is based on **Cost sharing** and **Partial recovery** basis
- Initial **Capital Cost** consists of **Loan**, **Community contribution** and **Government Grant**
- Local tariff system to cover all **O&M**, **Loan repayment** and **System expansion**, as needed by community



Governance Overview 1

Project Governance

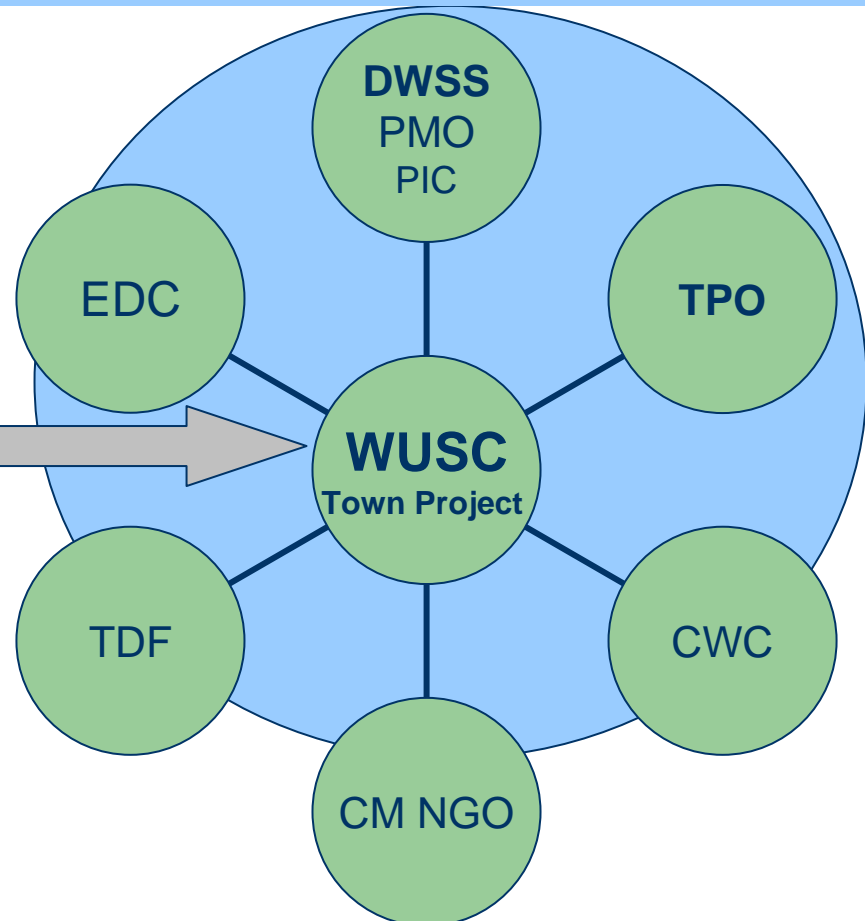
Asian Development Bank and MPPW, Government of Nepal

UN-HABITAT Water for Asian Cities - Nepal

Facilitation and Support (If needed):

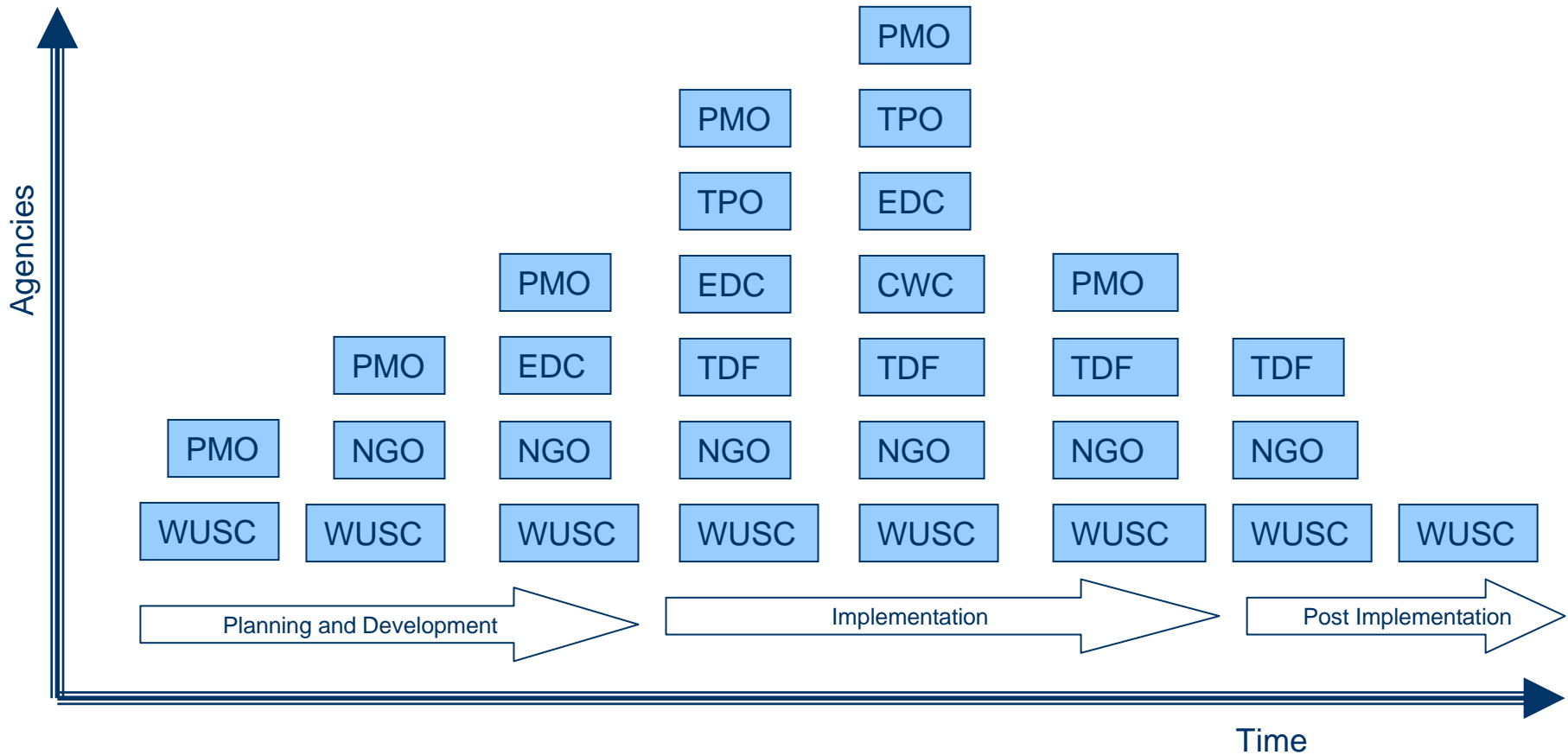
Strengthening intuitional & local capacity, Gender mainstreaming, and Pro-poor urban water governance

- WUSC:** Water User and Sanitation Committee
- DWSS:** Department of Water Supply & Sanitation
- TDF:** Town Development Fund
- EDC:** Engineering Design Consultants
- PMO:** Project Management Office
- CWC:** Civil Works Contractor
- CM NGO:** Community / Social Mobilization NGO
- MPPW:** Ministry of Physical Planning and Works
- PIC:** Project Implementation Consultants
- TPO:** Town Project Office





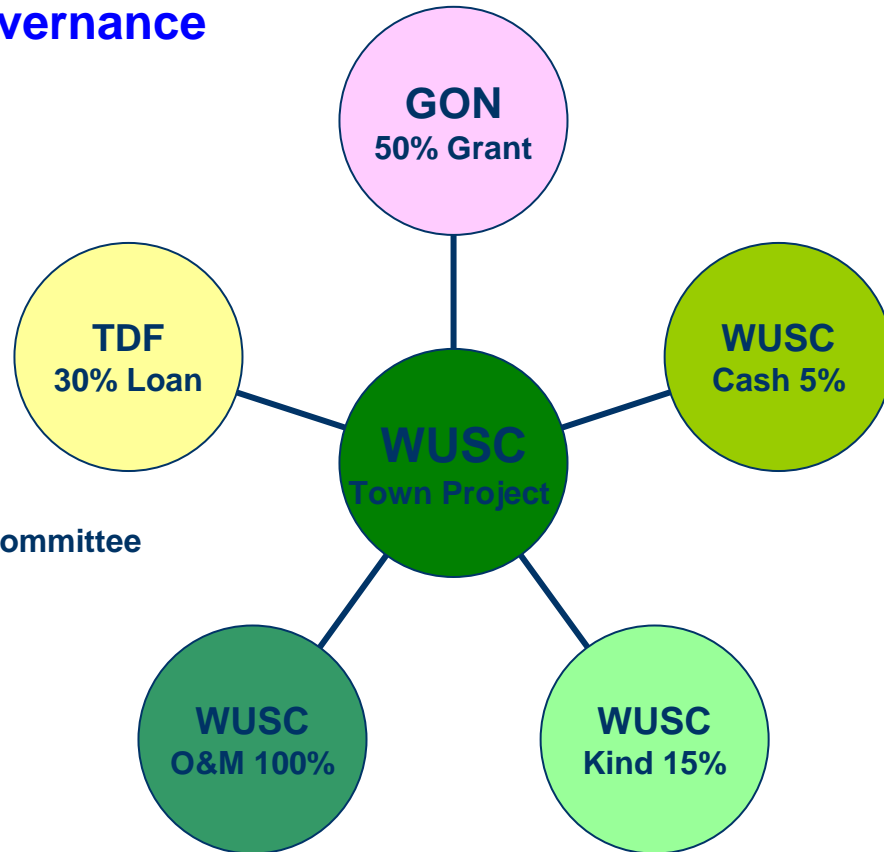
Governance Overview 2





Governance Overview 3

Financial Governance



WUSC: Water User and Sanitation Committee
GON: Government of Nepal
TDF: Town Development Fund



Project Cycle & Implementation Procedures

- Joint application, evaluation and prioritization of applications (**PMO, PIC**)
- **NGOs** selection to conduct **Public Awareness Campaign and Hygiene Education** (PMO, PIC)
- Signing of Community Action Plan prepared with support of **CM NGO** by **WUSC**.
- **Feasibility study** from engineering design consultants (**EDC**)
- **Detailed engineering design** from **EDC**
- Town project agreement signed by **WUSC, PMO & TDF**
- Tendering and bid evaluation by **PMO/PIC** and **WUSC**
- Civil Construction Contractor (**CWC**) on board
- **Construction supervision** by **EDC, TPO & WUSC**

Project Web Site: www.stwsssp.gov.np



Project Status

FIRST PHASE: 2001 - 2006



Batch	No. of Town Projects	Status of Projects / Progress			
		0-25%	26-50%	51-75%	76-100%
Batch I	8	0	2	3	3
Batch II	15	5	4	3	3
Batch III	8	8	0	0	0



Planning and development Phase

- Community Mobilizing: Public Awareness Campaign and Health & Hygiene Education (**NGO, WUSC**)
- Establishment of the scope of the works (**WUSC, NGO, EDC, PMO**)
- Incorporating Design Feedbacks (**EDC**)
- Need and demand assessment (**WUSC, NGO, EDC**)
- Interaction with **WUSC** in determining service area of project (**EDC**)





Detailed Engineering Design Phase

- Streamlining design approach and assumptions (**PMO/PIC & EDC**)
- Incorporating demand responsive principles in detailed design (**EDC/WUSC**)
- Detail Engineering Report / Tender Documents (**EDC/PMO**)
- EIA / IEE as required (**EDC**)
- Invitation to Civil Works Contractor (**PMO**)
- Evaluation and award of construction (**TDF, PMO, WUSC**)





Implementation and Post Construction Phases

- Manpower for Construction Supervision (**EDC**)
- Balancing the community's demands and contract management (**WUSC, EDC, CWC, TPO, PMO**)
- Community's role during implementation (**NGO, EDC, WUSC, PMO, PIC**)
- Balancing **government financial requirements** and **ADB regulations** and **the community** (PMO, ADB, WUSC, EDC, CWC, TPO, NGO)
- Community's responsibility and capacity building (**NGO, WUSC, PMO, PIC**)



Positives from the Governance Cycle

- Community participation
- Cost recovery
- Local tariff
- Gender involvement and social inclusion
- Enhanced service level
- Implementation in conflict situation
- Interests from other program
(Water for Asian Cities – UN HABITAT)





Conclusion and Recommendation 1

- Features of effective **community participation, cost recovery, local tariff, increased involvement of women & better service level** are essential for sustainability in small town water projects.
- Appraisal process of projects in terms of **needs assessment and general feasibility** has to be done in a **robust manner** with **special focus** on the determination of **service area**.



Conclusion and Recommendation 2

- The design **process needs to be streamlined** to enhance consistency & effectiveness.
- Introduction of greater **flexibility in contract administration**
- Greater **financial autonomy** to WUSC is essential for effective implementation & sustainable outcome.






Thank You !

Comments and Suggestions:
shashi@icon.com.np

www.icon.com.np

Integrated Consultants Nepal
ICON
group of noble people for innovative solutions

Integrated Consultants Nepal - ICON is pioneering Infrastructure Development Consultants working in the field of Water Resources, Water Supply and Sanitation, Drainage, Irrigation and Agriculture, Roads and Transportation and Environment in Nepal. ICON provides its services in Feasibility Studies, Project Preparation, Appraisal, Monitoring and Evaluation, Detail Engineering, Contract Supervision, Project Management and Impact Assessment.

INTRODUCTION	SERVICES	PEOPLE	EXPERIENCE
			
Know Nepal	Opportunities	Resources	

Integrated Consultants Nepal (ICON) Pvt. Ltd.
Old Baneswar Heights
PO Box 3839, Kathmandu, Nepal.

For further information please contact:
Phone: +977 1 4470933
Fax: +977 1 4409897
[CLICK HERE TO SEND EMAIL](#)

Google

Web www.icon.com.np

[Stanford Business School](#) [Civil Designer - Software](#) [Looking for Job?](#) [Water Leak Detection](#)
Learn winning supply chain Total Integrated Solution for Jobs listed from all Gulf For reliable protection that can
strategize from world expert Hau Civil Engineering Infrastructure countries Unload Your Resume be integrated with any alarm

start Yahoo! Mail - shashib... Integrated Consultan... Inbox - Microsoft Out... Bangkok Conference ... Shashi Bhattarai final ... Microsoft PowerPoint ... 4:14 PM