

Dhulikhel Municipality

Office of the Municipal Executive

Dhulikhel, Kavrepalanchok



Water and Sanitation in the City

“Smart Sustainable City: a center of Health, Education, Tourism and Culture”

Presented By:

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Mayor
Dhulikhel Municipality
Kavrepalanchok , District Nepal

Environmental introduction of the city

- **30 KM far east** from Kathmandu
- **1495 m** above sea level
- Most of the land is occupied by **hilly areas**
- Average annual rainfall is **1300 mm**
- **70%** of the total annual rainfall occurs in the rainy season(3 months period)
- Large water bodies are not available in the city

Drinking Water Management in Dhulikhel: **Histry**

- Juddha Dhara (Tap)
- Drinking Water Supply Project: **collaboration with the Indian Embassy**
- Drinking Water Supply Project: **Collaboration with German Embassy**
- **Kavre Valley Integrated Drinking Water Project**, which is currently under construction

Kavre Valley Integrated Drinking Water Project



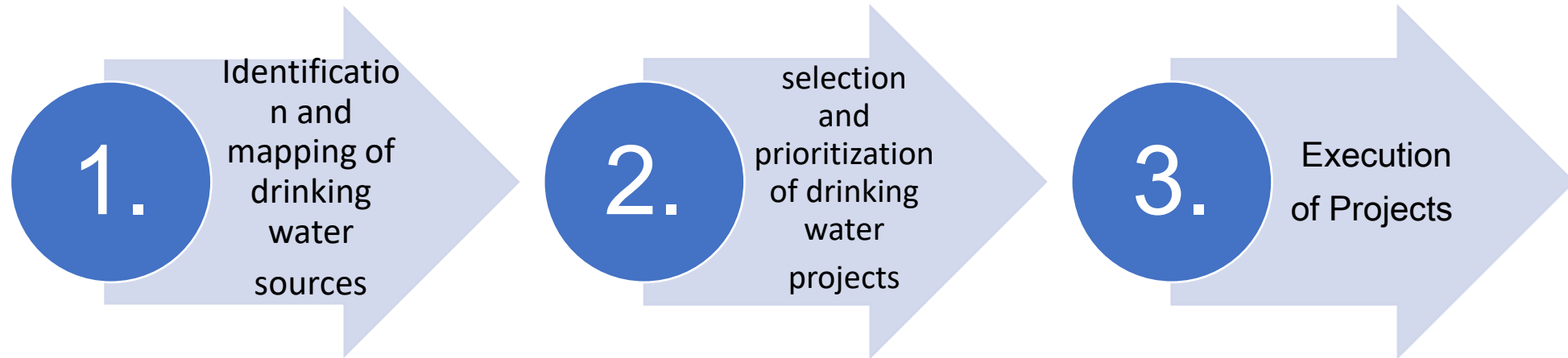
- Project launched by three municipalities of Kavre district **Dhulikhel, Banepa and Panauti** to manage drinking water in an integrated manner.
- operated by the Ministry of Physical Infrastructure in collaboration with the Asian Development Bank
- 97% of the work has been completed



Various efforts made by the Municipality regarding drinking water:

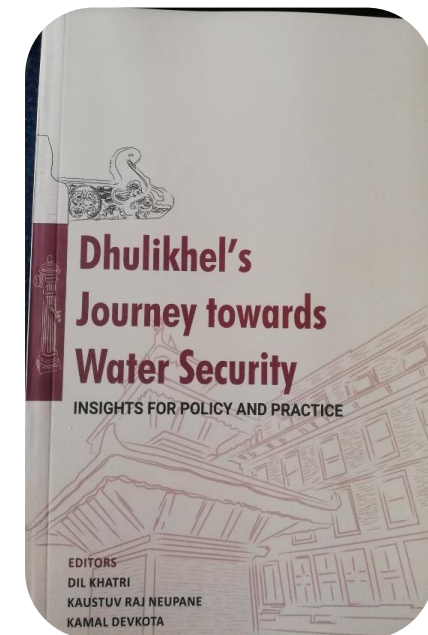
- After the election (2074 BS), the elected people's representatives of Dhulikhel passed **one house one tap** policy from the first Municipal Assembly with the objective of providing **healthy and adequate drinking water to every household in Dhulikhel**
- Under the policy, the Municipality made its plan in the first year to provide drinking water service so that every resident of Dhulikhel gets **65 liters of water per person per day.**
- The Municipality has adopted strategy to provide drinking water service in the areas not covered by the **Kavre Valley Drinking Water Supply Project.**

Strategic process adopted by the Municipality for operation of drinking water Supply scheme:



Some of the activities related to drinking water study and protection of sources:

- *Pani Chautari*
- Dhulikhel **Water Conference**
- Publication of a book on **drinking water security**
- Source protection works



Regarding source protection

- For ground water recharge, **80 recharge ponds** have been constructed in Dhulikhel



Dhulikhel Pani Chautari

- Collaboration with **Dhulikhel Municipality, CDKN, SIAS, ICLEI and IFS** for sustainable development of drinking water by stakeholders through study, research



- Climate change and the accompanying problems in spring conservation

Waste Management Activities:

- 2 sewage treatment plants
- 1 land fill site



- 1 disposable waste management center and 2 more sewage treatment plants are under construction
- DPR has been selected for the construction of a plant to produce gas from biodegradable solid waste with the support of Alternative Energy and the World Bank
- Daily cleaning of the old market area of Dhulikhel Municipality and garbage collection of the entire area of the town is being done in collaboration with **Nepsemac**

Sanitation campaign has been conducted for 52 weeks within the Municipality areas



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Thank You !!!

