



Regional Workshop on
Ecological Sanitation
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Overview of Nepal

Area = 147,181 Km

Districts = 75 (14 Zones)

Political Boundary

- East: India (West Bengal)
- West: India (UP)
- North: China (Tibet)
- South: India (Bihar, UP)
- Elevation: 161m – 8848 m

Population – 23 m

Annual Growth rate – 2.25

HDI – 0.471



Overview of WATSAN Situation in Nepal

Drinking Water Coverage in %			
	1990	2000	2015 MDG target
Rural	25	42	63
Urban	70	78	85
National	30	48	65

Sanitation Coverage in %			
	1990	2000	2015 MDG target
Rural	12	19	56
Urban	60	67	80
National	18	27	59





What Nepal need to do to achieve the Water Target between 2000- 2015

- Serve **11,500 HH** every month against the current rate of 8,000
- Progress need to upgrade by 44%



What Nepal need to do to achieve the Sanitation Target between 2000-2015

- Construct **13,500 HH** latrines every month against the current rate of 4,000
- Progress need to upgrade by **238%**

Source: WAN, 2004





Does Nepal have enough resources?

- Available resources based on commitments by govt. & donors = US \$ **755 million**
- (Govt. = **35%** & external support = **65%**)
- Required resources to meet the MDG=**\$1,099 m**
- Total Resource Gap = \$ **344 m**
- Annual resource gap = \$ **23 m**

Source: WAN, 2004



Implications –to meet MDG Target

- **The target must address equity - - reaching to un-reached districts and communities** (42 districts out of 75 districts are below national coverage either in water or sanitation)
- Resources requirement will **increase** over the years if to reach the **poor and remote areas**
- If **quality of water & environmental sanitation** also to be addressed, the **cost** of meeting MDG will be **tremendously high**



Need of Innovative Approaches

To bridge the huge resource gap:

- **Political commitment to localize the MDGs**
- **Alternative & Appropriate technology to reduce per capita technology cost**
- **Innovative operational modalities to reduce overhead cost**
- **Separate sanitation budget line**
- **Govt. need to update coverage figure regularly
Govt. & donors must disburse committed amount**



Ecological Sanitation- Nepal

- Concept was introduced in 2002 with an initiation of DWSS/WHO
- 10 units were constructed in Siddhipur on a pilot basis

Present Status

- 517 ecosan toilets constructed in 7 districts
- 503 in operation (including 5 units constructed by NEWAH in 2003)
- Most of toilets are in peri urban areas of Kathmandu (465), southern plains (20), hills (18)



A WAY FORWARD TO PROMOTE SANITATION IN NEPAL



THANK YOU!

