

## *Investing in People*

# "Promoting Ecological Sanitation and Organic Fertiliser"

in Vulnerable Communities of Nepal



**Chhabi Goudel**

**Hygiene and Sanitation Specialist**

**Rural Water Supply and Sanitation Project**

**in Western Nepal ( RWSSP-WN),**

**Nepal-Finland Cooperation**

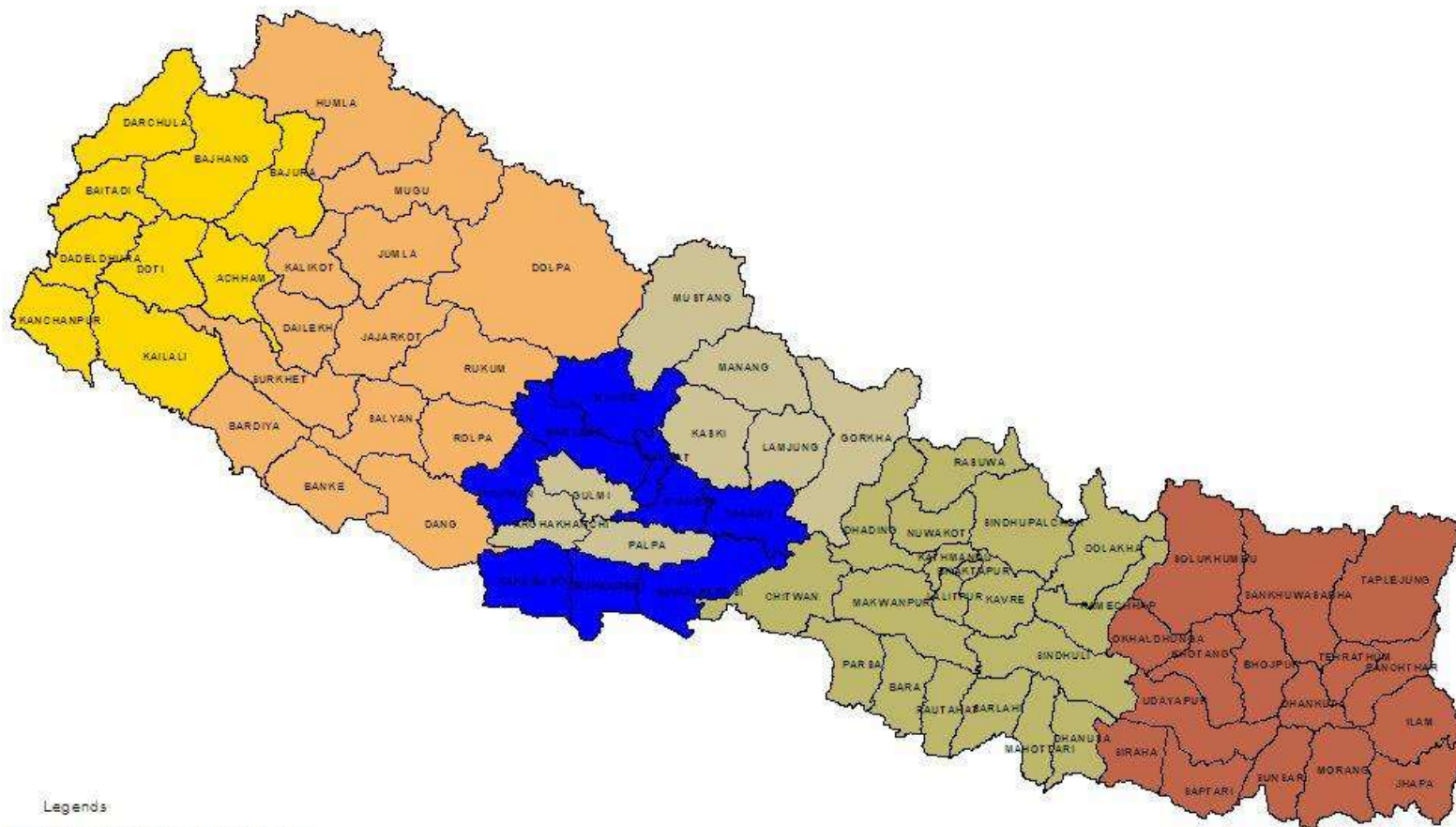


# Objectives of the RWSSP-WN

**Rural Water Supply and Sanitation Project in Western Nepal (RWSSP-WN) was designed to improve wellbeing of the poorest and excluded households.**

**The purpose of the project is to fulfil the basic needs and ensure rights of access of the poorest and excluded households to safe domestic water, good health, sanitation and hygiene through decentralized governance system.**

# RWSSPWN Working District in Nepal



## Legends

- Rwsspwn dist in regional nepal.shp
- Eastern Dev. Region
- Far-western Dev. Region
- Mid Dev. Region
- Mid-western Dev. Region
- Western Dev. Region

1:3141912





## Execution modality

- Ministry of Federal Affairs and Local Development and its Department of Local Infrastructure Development and Agricultural Roads (DoLIDAR),
- District Development Committees, District WASH unit in District Technical Office
- Village Development Committees
- Community level committees



# Methods

- 1. Ignition and triggering** for Community Led Total Behaviour Change (TBC) in Hygiene and Sanitation (CLTBCHS) .
- 2. The sequence of steps**
  - Step 1: Consensus Building**
  - Step 2: Institutional Building**
  - Step 3: Planning and Programming**
  - Step 4: ODF and Behaviour Change Campaigning**
  - Step 5: Post ODF Campaigning and Behaviour Change (Negotiation for Small Doable Actions in H& S)**

# *Perceptual Lenses*

We don't see things  
the way they are....



**WE SEE THEM AS WE ARE.**

# RWSSP-WN - Strategy of promoting ECOSAN



## **Strategy:**

- Sensitisation at district and VDC level,
- Use of schools , Mass gathering in festival and ODF campaign
- Urine diversion toilets
- Linking for Income Generation
- Avoid subsidy

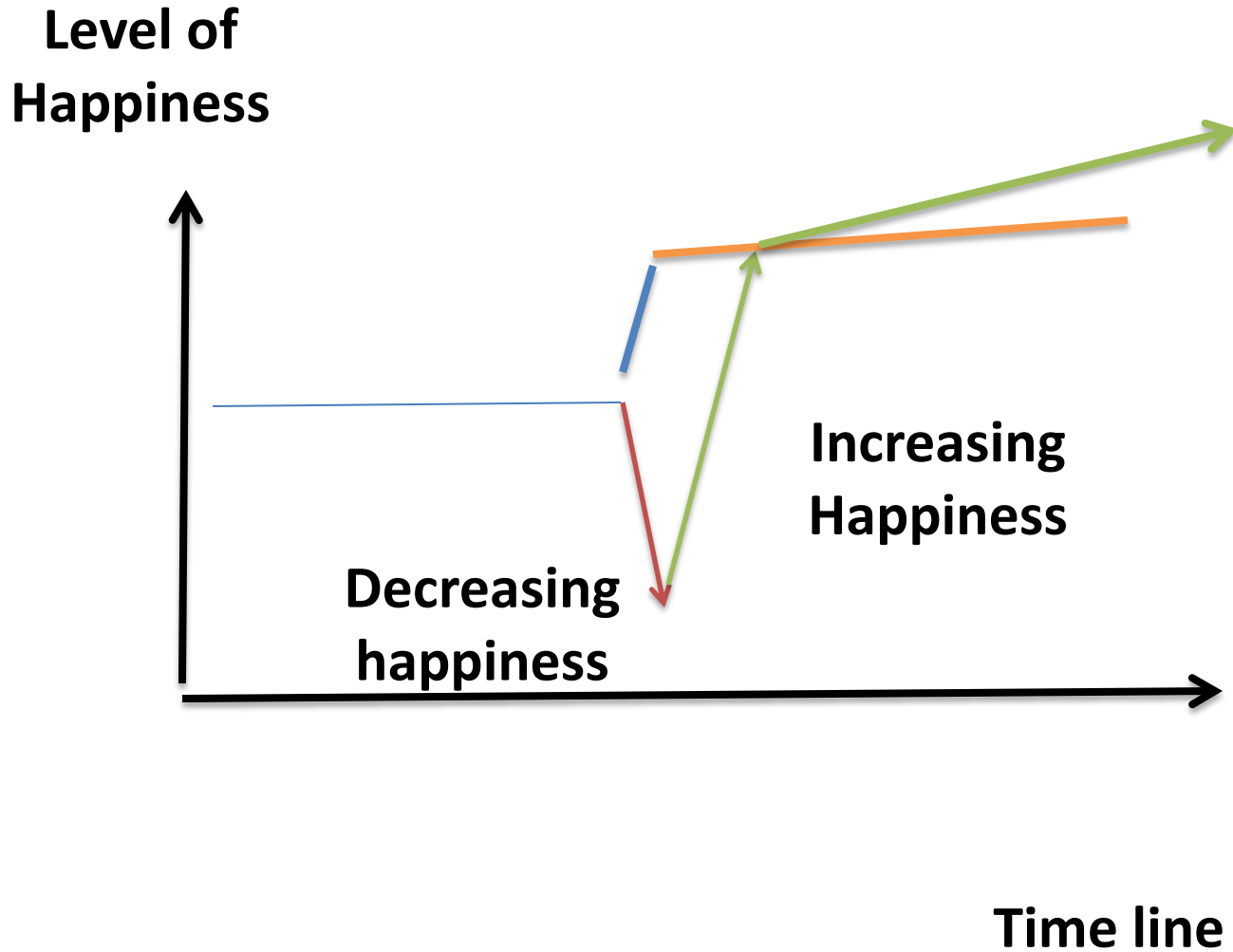


# Stopping Open defecation





# The Specific Objectives of the Triggering towards ODF



# Community Sensitisation and Triggering



Triggering process starts from sensitisation in **Multistakeholders forum meeting** at district and VDCs. Together with the **Lead Facilitators and sanitation triggers**, triggering action conducted in community/cluster level with the support from the **community level Hygiene and Sanitation Action committees.**



**Started to cover open shit after triggering**

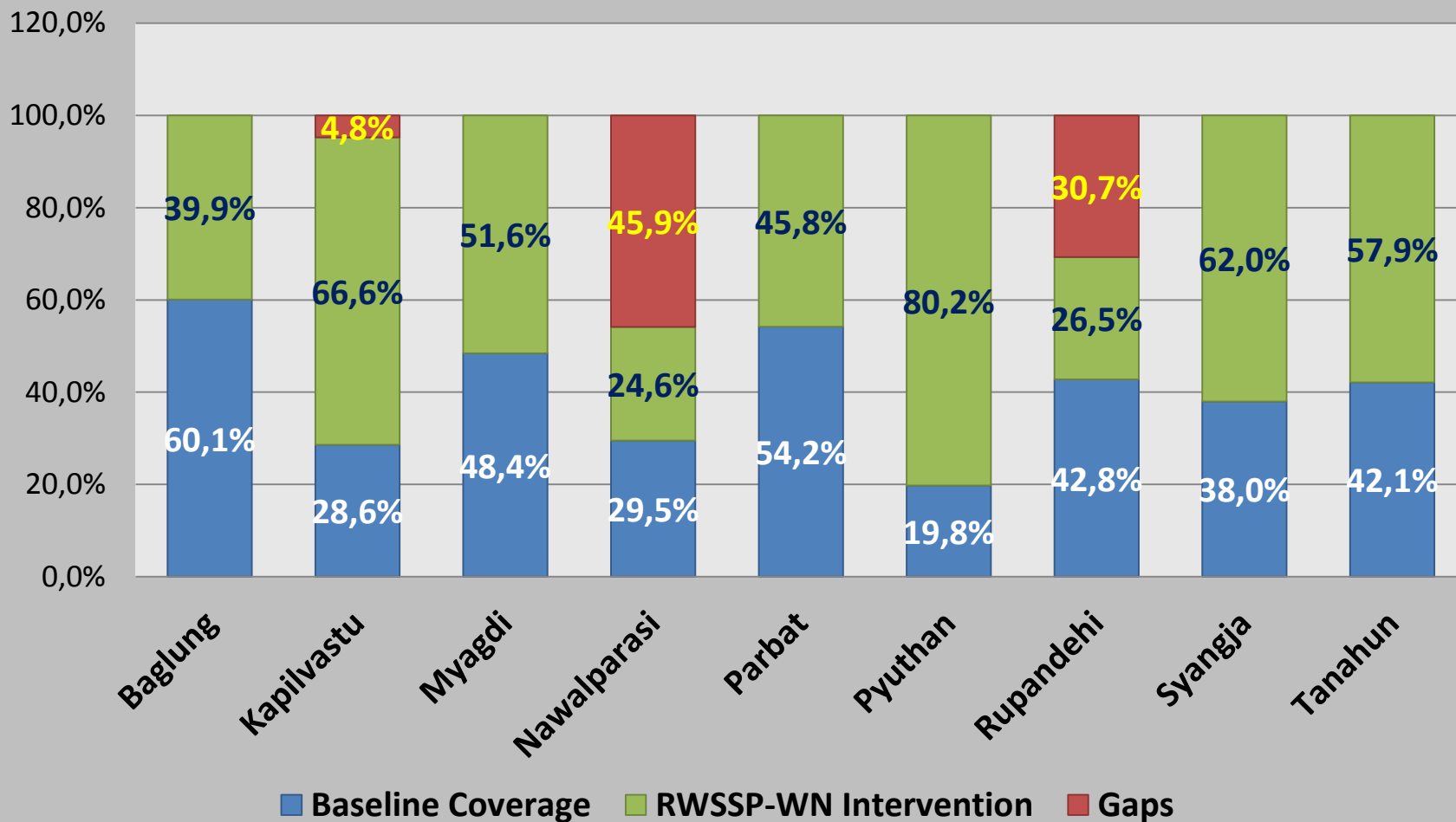
# Using CLTS for sanitation mapping



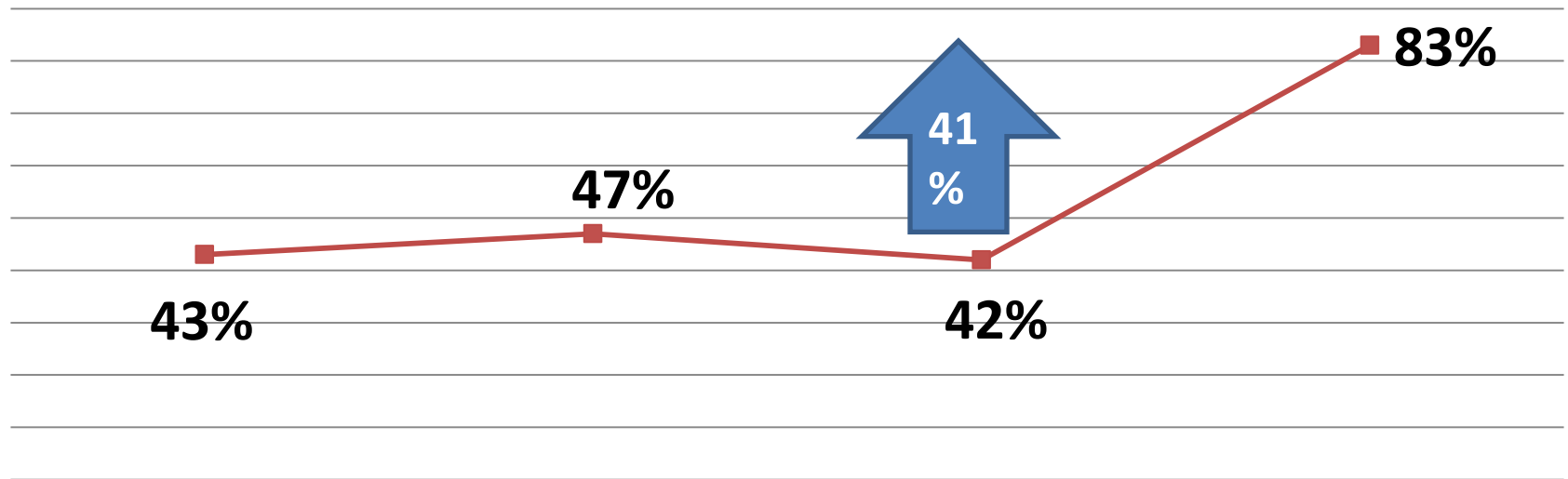
# RWSSP-WN working VDCs-Major Achievements



## RWSSP-WN working VDCs Sanitation Coverage and Gaps



# Achievement



**National  
sanitation  
status 2010**

**NMIP 2010  
RWSSPWN  
working  
districts**

**Sanitation  
coverage %  
RWSSP-WN  
working VDCs  
baseline**

**Sanitation  
coverage %  
after RWSSP -  
WN  
intervention in  
working VDCs**



## **5 key hygiene and Sanitation behaviours**

- **Safe disposal of faeces**
- **Hand washing at four critical times**
- **Drinking water storage and purification**
- **Personal hygiene**
- **Proper management of solid and liquid waste**

# RWSSP-WN working VDCs and Small Doable Actions (SDAs) in Hygiene and Sanitation



Name of District	No. of HHs started SDA	Total population served
<i>Baglung</i>	5749	35696
<i>Kapilvastu</i>	9283	60424
<i>Myagdi</i>	4215	23935
<i>Nawalparasi</i>	3760	11845
<i>Parbat</i>	3363	20186
<i>Pyuthan</i>	5065	31590
<i>Rupandehi</i>	14321	41148
<i>Syangja</i>	6748	44613
<i>Tanahun</i>	6945	42888
<b>Total</b>	<b>59,449</b>	<b>312,325</b>

# Promoting Ecological Sanitation and Organic Fertiliser



**Ms. Rupa sunar of Mahendrakot VDC, kapilvastu has been using the urine in her kitchen garden and she has been sustaining her livelihood.**





# Money and Education

Mr. Bal bahadur Thapa has been able to make a **profit** of about NRs.50,000 ( USD 625) per year utilizing the "shit" and "urine" in his kitchen garden and producing fresh fruits and vegetables like - tomatoes, papaya, cauliflower, cabbage and many more which he has been using to educate his **daughter in bachelors' and son in masters' degree in Tribhuvan University, Nepal.**



# Energy saving by using human shit and producing bio gas



The "human shit" has always been beneficial energy saving source. The pictures here shows that people of Gugauli VDC who utilised the human shit and used it as the biogas production, especially for cooking purpose, making a profit of about **Rs.1500(USD19)** per month. This trend is also continued in other districts too which include Myagdi and Tanahun.





# Open shit, Environment and Money



**Open shit and Flagging**



**A Green Revolution**



**The environment**



**Money: 40,000 Tons  
chemical fertiliser**

# Investing in People

For Sanitation and Hygiene behaviour change

Why ?

**HE**

**H**Health

**E**economy

**HE**

**H**uman rights

**E**nvironment

Thank you

**Any Comments/Suggestions ?**