

Investing in People

"Using Human Shit & Urine As Organic Fertiliser, Energy Saving And Economic Development"

in Vulnerable Communities of Nepal



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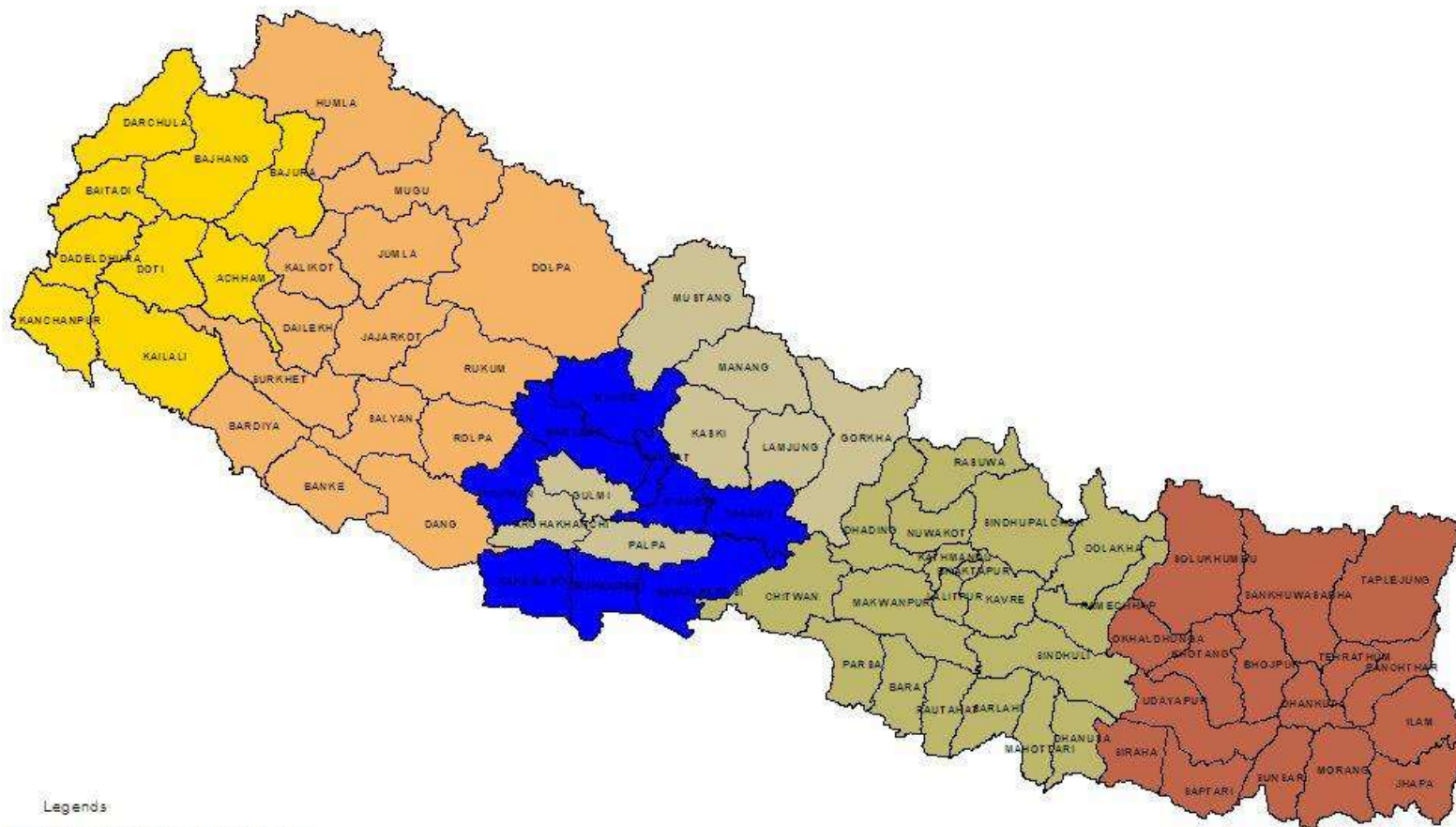
Objectives of the RWSSP-WN

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 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

0 40 80 Kilometers



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.



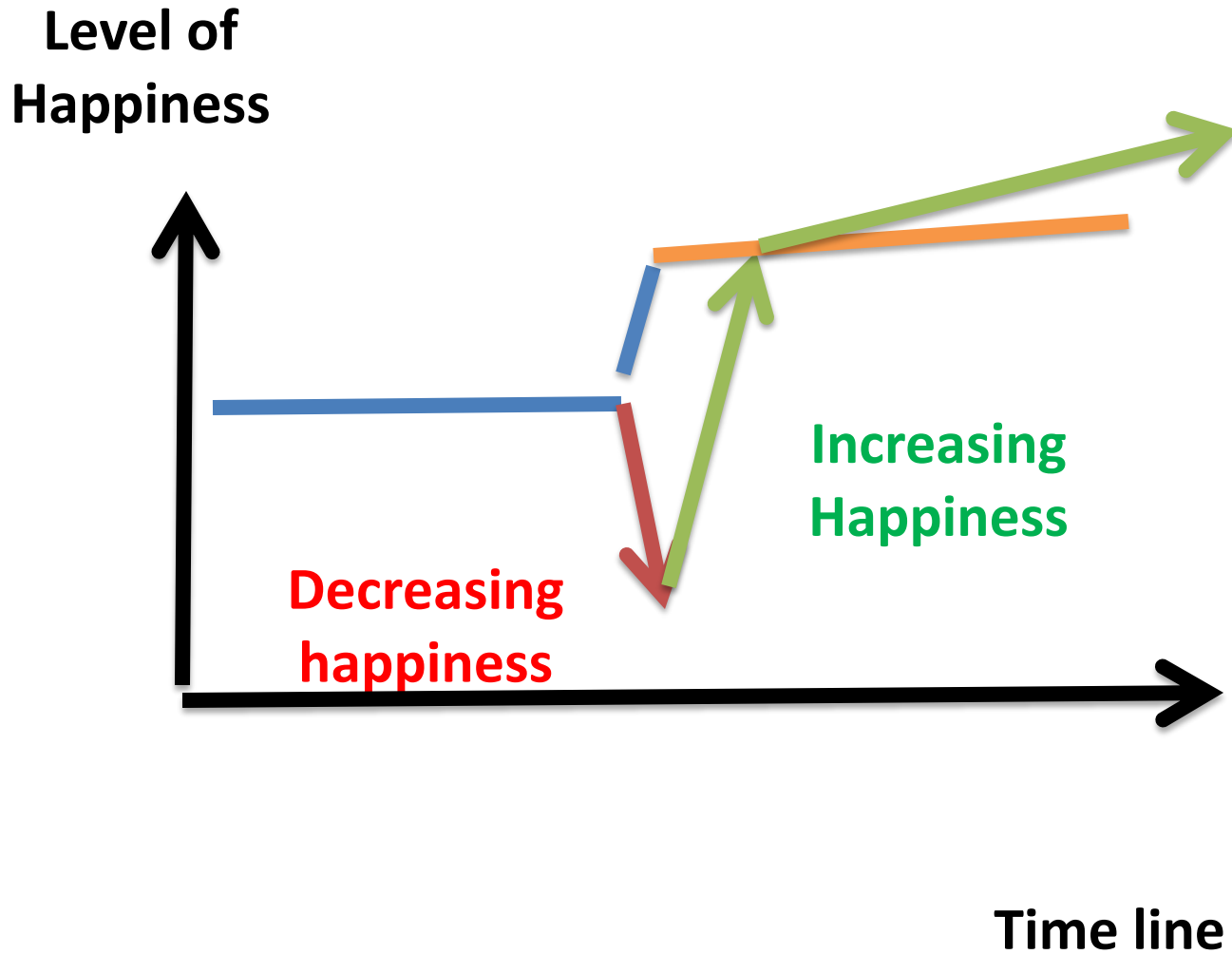
RWSSP-WN - Strategy of promoting Hygiene and Sanitation

- **Sensitisation at district and VDC level**
- **Use of schools , Mass gathering in festival and ODF campaign**
- **Urine diversion toilets**
- **Biogas promotion using human shit**
- **Promotion of Key Hygiene behaviours**
- **Linking for Income Generation**
- **Avoid subsidy**

Triggering to Stop 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 /Social

Mobilisers (300) and

sanitation triggers

(7000)



Community Sensitisation and Triggering



Triggering action conducted in community/cluster level with the support from the **community level Hygiene and Sanitation Action committees.**

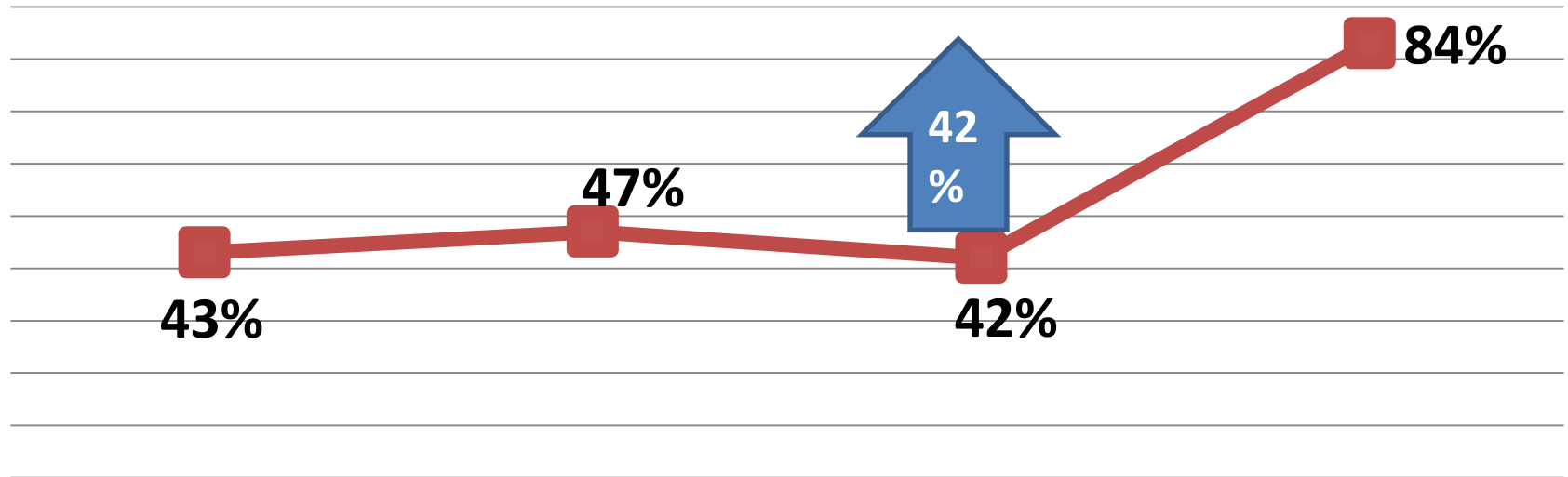


Started to cover open shit after triggering

Using CLTS for sanitation mapping



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
(Faecal Management)
- Hand washing at four critical times
- Drinking water storage and purification
- Personal hygiene
- Proper management of solid and liquid waste

Small Doable Actions (SDAs) in Hygiene and Sanitation:

No. of HHs started SDA = 59,449

Total Population Served = 312,325

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 "Human shit" and "urine" in his kitchen garden

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(USD 19)** 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**



Sustainability and how to ensure behaviour change in Hygiene and Sanitation?

1. Access and use

- Millions of people are without sanitation and hygiene facilities
- Hygiene and Sanitation is a fundamental human rights
- Hygiene and Sanitation Facilities-GCD friendly, in emergencies

2. Equity

- Poor and marginalized people and groups has to be supported

3. Involvement

- More individuals, Organisations and PPP has to be involved

4. Knowledge and skills

- Individuals and organizations working in sanitation and hygiene needs more knowledge and skills .

5. Thinking out of box " Investing in People for HE HE "



Investing in People

For Sanitation and Hygiene behaviour change

Why ?

1. **HE**

HHealth

Eeconomy

HE

Human rights

Environment

2. **Vertical Farming** using human shit and urine as organic fertiliser

3. Human shit and urine has value (**Value and supply chain**)

Thank you

Any Comments/Suggestions ?