Investing in People
"Using Human Shit & Urine As Organic Fertiliser, Energy Saving And Economic Development"
in Vulnerable Communities of Nepal

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in Western Nepal (RWSSP-WN),
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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.
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

Level of Happiness

Time line

Decreasing happiness

Increasing Happiness
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: 43%
- NMIP 2010 RWSSPWN working districts: 47%
- Sanitation coverage % RWSSP-WN working VDCs baseline: 42%
- Sanitation coverage % after RWSSP-WN intervention in working VDCs: 84%
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 right
   • Hygiene and Sanitation Facilities-GCD friendly, in emergencies

2. Equity
   • Poor and marginalized people and groups have to be supported

3. Involvement
   • More individuals, organisations and PPP have to be involved

4. Knowledge and skills
   • Individuals and organizations working in sanitation and hygiene need 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**
   - Health
   - Economy

2. **HE**
   - Human rights
   - Environment

3. **Vertical Faming** using human shit and urine as organic fertiliser

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

Any Comments/Suggestions?