

Let Us Create **GREEN DHANGADHI**

Dhangadhi Sub Metropolitan City Province No. 7,
Nepal



Presenter

Mr. Deej Raj Bhatta, Divisional Engineer

Mr. Ashok Awasthi, Environment Officer

Challenges, Issues & Problems

- ✓ Low awareness level in people about solid waste and fecal sludge management
- ✓ Road construction, water supply system types projects adopted by communitybut project related to waste management not adopted by community.....
- ✓ Mixing all types of waste and dispose inside the drainage system
- ✓ In open drainage area people dispose solid waste also in drainage system.....blockage in drainage system.....overflow in road.....
- ✓ Stay animal.....Bio-gas replaced by LPG.....
- ✓ Not proper water supply system.....



Institutional Setting

Policy & Legal Regulation (National Level):

- ❖ Solid waste Management Act, 2068 B.S
- ❖ Environment Protection Act, 2053 B.S
- ❖ Environment Protection Regulation, 2054 B.S.
- ❖ Environment-friendly Local Governance Framework, 2013

Policy & Legal Regulation (Local Level):

- ❖ Solid waste Management Act, 2074 B.S
- ❖ Solid waste management guideline and framework (On Review)

Other Stakeholder

- Chamber of Commerce
- Red-cross Society
- Local NGOs
- Management Committee (Tole, ward)
- Government Agencies

Approaches

- ❑ One vote one plant.....(Mayor Program)
- ❑ Let us Create GREEN DHANGADHI program
- ❑ Road Side Plantation and Beautification Program
- ❑ Bio-gas plant Construction (with collaboration with Nepal Government and Private Partner)
- ❑ Promotion 3R.....plastic reduction program....cotton bag
- ❑ Planning to construct Sanitary Landfill Site for final Disposal of Solid Waste
- ❑ Conservation and Development of Natural water bodies.....
- ❑ Cleaning Campaign (On leadership of Mayor....)
- ❑ Smirti Birshaya Batika Program (Memory Park)
- ❑ Plastic Road Construction.....
- ❑ Awareness raising program...wall painting.....FM broadcasting
- ❑ Solar street light installation instead of electricity light.....
- ❑ School level program on plastic reduction.....



Outputs

- ❖ Upgraded on public awareness & Behavioral Change...
- ❖ Reduction on plastic bag uses.....
- ❖ Increased in Cleaning Campaign ... tole Ward ... municipality level
- ❖ Increased private partner ship in waste management (woman group, Nepal Red cross Society and other Local NGO's)
- ❖ Planning to construct water pipe line both side of road.....
- ❖ Woman Group empowered..... cotton bag preparation
- ❖ Increased plantation program



Lesson Learnt

- Green infrastructure is incomplete without public participation & ownership
- Solid waste management is not possible if it didn't manage at source
- Woman participation and empowerment is key point of success.....
- Environment and social assessment is necessary for sustainability
- School level awareness program



Transfer methodology

- Implementation of PPP model for better impact
- Environment and social assessment of every project..... before implementation
- Woman and marginalized group participation.....
- For sustainability.....increase in direct beneficiaries
- Continuing school level awareness program....
- For plastic reuse and recycle.....Plastic road construction.....



सके सफा राखौ ,नसके फोहर न गरौ हाम्रो
अभियान स्वच्छ,सफा र स्वस्थ धनगढी शहर

Thank you