

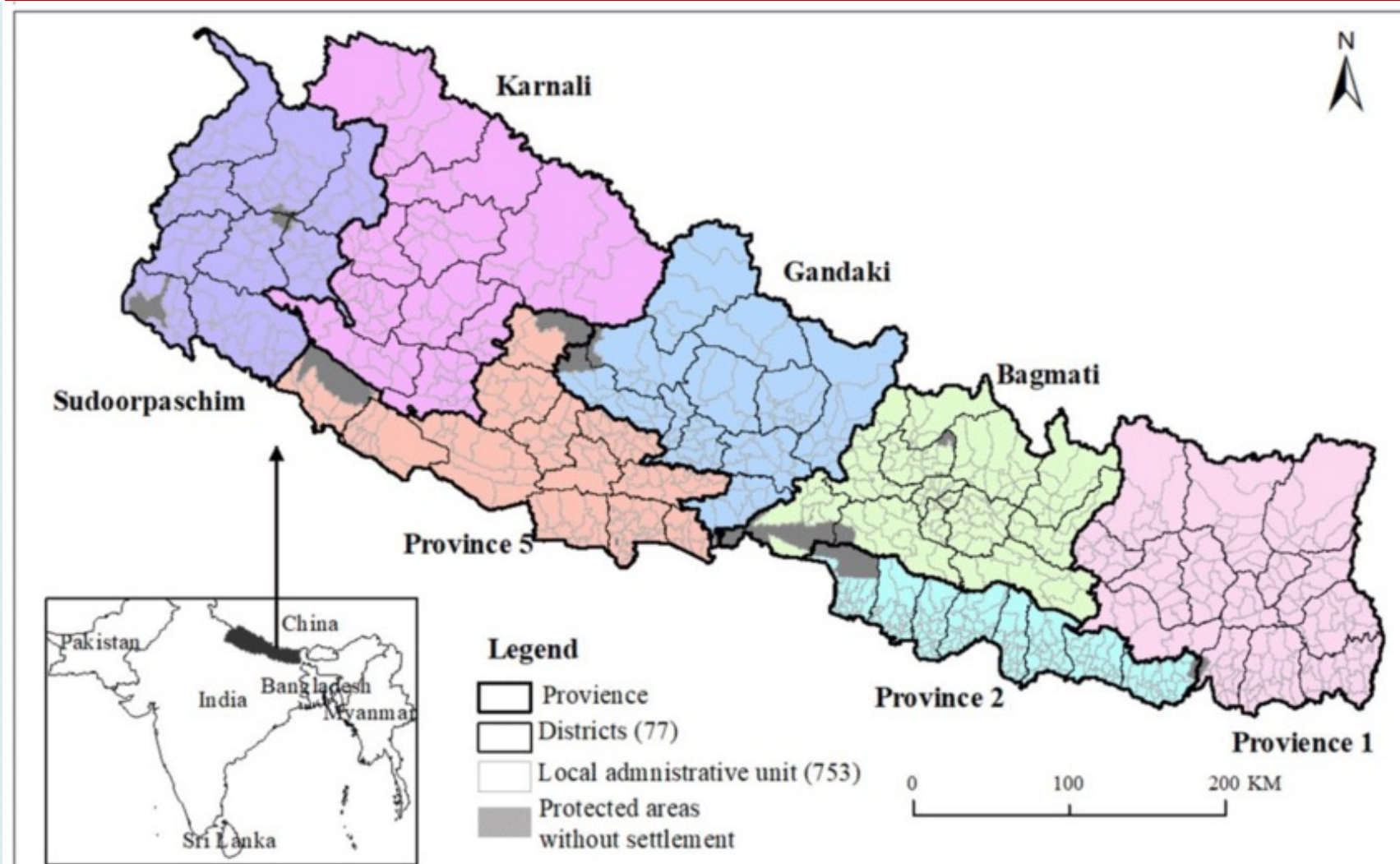
Background

Federal setup
7 Provinces and 753
Municipalities

Role of Municipalities in
Implementing Policies and
service Delivery

Provinces to support for
infrastructure and capacity
Building

Federal Units to Invest and
policy coordination



Institutional Coordination

Institutions

Administration Coordination

Ministry of Federal Affairs and
General Administration

Policy coordination

Ministry of Urban Development

Regulation

Ministry of Forest and
Environment

Funding and Financing

Ministry of Finance



Issues

Scaling up and cluster approach

Technology, Method, awareness and
community mobilization

Private sectors – recording best
practices

Strategic Funding – Performance based
grants, covenant funding or loan
mobilization

Innovation on practice

Existing Policy and Act for 3R in Nepal

A) Policies and strategies

- National Forest Policy, 2018
- National Climate Change Policy 2019
- National Environment Policy 2019
- Solid Waste Management National Policy 2022 – Focused on 3R approach
- National Urban Policy 2025

B) Laws

- Local Government Operational Act, 2017 and Regulation 2018
- Solid Waste Management Act 2011 – Mandatory act for source segregation and Regulation 2016
- Public Health Act, 2018
- Environment Protection Act 1996 and regulation 1997
- Radioactive Material (Use and Regulation) Act 2020

C) Guidelines and actions plans

- Guidelines for Research grant mobilization 2021
- Procedural Guidelines for coordinating and monitoring athletes, artists and volunteers for environmental and sanitation awareness 2019
- **Action Plan for Air Quality Management for the Kathmandu Valley 2020**
- National Framework Plan of action for resiliency 2019
- Action Plan on Plastic Ban 2020
- National Adaptation Action Plan 2021 – 2050
- National Implementation plan for Climate Change Mitigation and Adaptation 2024-2030
- **Urban Environment Management Guidelines 2016**

Best practices 1: Dharan Municipality



Figure 22: Venture WtE plant Pvt. Ltd.

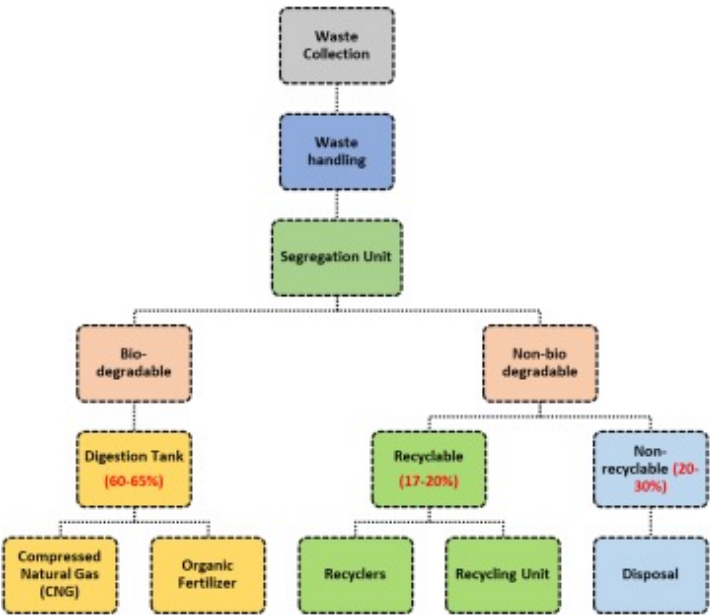
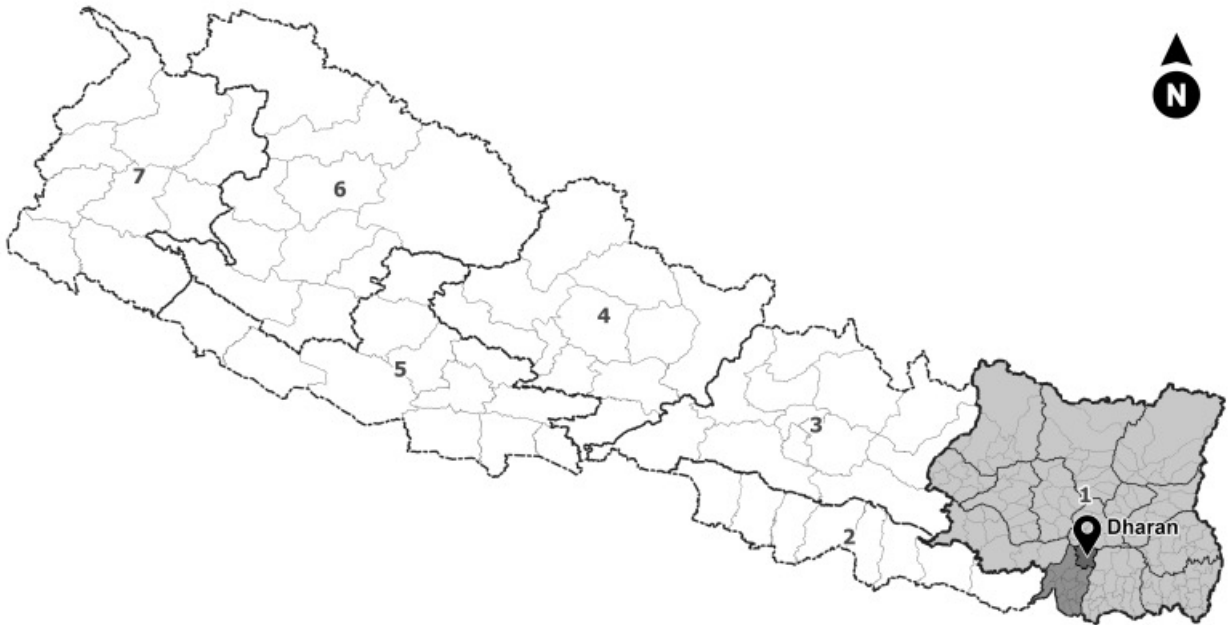


Figure 23: Waste Treatment Process, Venture WTE Pvt. Ltd



Figure 24: Waste Segregation and Treatment Process, Source: Venture WTE Pvt. Ltd



Best practices 2: Ghorahi Municipality

One of 5 municipalities receiving Global Partnership for Output Based Aid GPOBA

Improved collection system

Recycling – Composting – and – segregation

Sanitary land fill site approach – with community mobilization

Municipality buy and sell waste Basically plastic at start



Best practices 3: Panauti Municipality

Community mobilized

Citizen engagement strategy at Household level for organic waste

Reviving rural composting method for bio-degradable waste

कृषि, कला र संस्कृति हाम्रो चिनारी
हरित पर्यटकीय गौरवमय पनौति

पोहोर व्यवस्थापनमा नागरिकको भूमिका

कृषि, कला र संस्कृति हाम्रो चिनारी
हरित पर्यटकीय गौरवमय पनौति

पोहोर व्यवस्थापनमा नागरिकको भूमिका

कम्पोस्ट मल बनाउने तरिका

कम्पोस्ट मल बनाउने तरिका

कृषि, कला र संस्कृति हाम्रो चिनारी
हरित पर्यटकीय गौरवमय पनौति

पोहोर व्यवस्थापनमा नागरिकको भूमिका

कम्पोस्ट मल बनाउने तरिका

Supported by:

Partner Organization:

Supported by:

Partner Organization:

Best practices 4: Ilam Municipality

Plastic Segregated

Paper and metal separated

Hazardous treated and disposed



Best practices 5: Waling Municipality

Municipal sanitation center in
small scale

Dry and wet separated at
source

Student mobilization for
awareness

High media coverage



Best practices 6:

Bhaktapur Municipality

**70% Organic and 21% Plastic
and Paper**

**9% to be treated by the
producer**

**Community mobilization and
regulated by the Municipality**

Waste composition

- About 70% of Bhaktapur's waste is organic.
- About 18% of Bhaktapur's waste is plastic.
- About 3% of Bhaktapur's waste is paper.
- The waste from schools is mainly organic.
- The waste from government offices is mainly paper.
- The waste from shops and restaurants is mainly organic.

Best practices 7:

Kathmandu Valley – 18 Municipality

**Regional waste disposal site 30
KM away**

**Mixed waste – the site is good
for 20 Years
However, it is good for 100
Years if it is used for segregated
waste**

**Municipality and federal
government trying for private
sector to involve**



Best practices 8:

Infrastructure support at Municipality

**Federal Government is
supporting for building
infrastructure in**

Biratnagar

Birgunj

Nepalgunj

Dhangadhi

Bhimdatta

Godawari

Shuklaphata etc

Recycles available in small scale

- Plastic
- Paper
- Metal



Policy Question towards circular economy

Institutional coordination – one door or maximum by two doors

Technological support to municipality

Citizen engagement and community mobilization

Behavioral change

Dissemination of Best practices

Private sector involvement

Grant, covenant and Loan support to municipality – resource pooling to municipality

Thank you

