

WASTE MANAGEMENT

Recycling and Reuse

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Better health in communities

Safe foods

Improved agricultural livelihoods



Why is waste management critical?

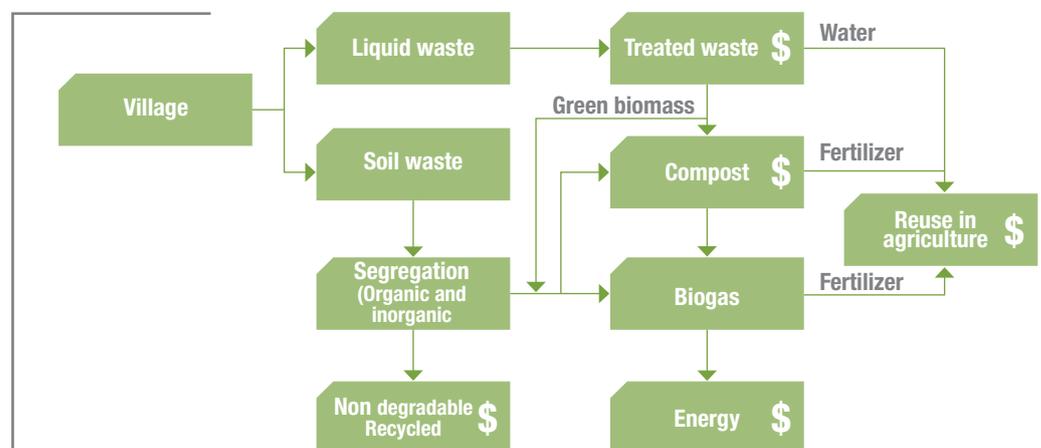
- In developing countries, a large portion of population resides in villages where formal waste management systems do not exist.
- Approximately 90% of disease burden is due to absence of clean water and poor sanitation.
- Recycling and reuse of available waste in villages provides sustainable solutions for a waste management system and reduces environmental degradation.
- Inappropriate reuse of untreated wastewater is unsafe for farmers and consumers.



The impact pathway -

How can it be implemented through a green business model

- **Decentralized Waste Management Systems (DWMS)** for rural areas
- Increased use of waste through **reuse of treated wastewater in agriculture** and **recycling solid waste as compost or bioenergy**
- **Involving community-based organizations**, like women's Self-Help Groups (SHG), for planning, implementing and managing the DWMS as a green business model.



Green Business Model for Decentralized Waste Management System (DWMS) in Villages

