



# Waste Solutions for a Circular Economy in India

## Waste



11.9 million beneficiaries targeted



~4 Mt CO2e emissions targeted



GIZ as NAMA Support Organisation

This NSP aims to catalyse a transition in India's waste management sector, improving source segregation, formalising informal waste management and introducing capacity-building for low carbon waste management.



Ministry of Environment, Forest and Climate Change, Ministry of Housing and Urban Affairs, among others



EUR 17.3 million



Implementation



Duration: 2020- 2025



## Change in the Face of Challenges

- Largely informal waste sector, and unwillingness to pay for waste management services
- Insufficient financial resources to operate low-carbon municipal solid waste management (MSWM) facilities
- Lack of capacity and experience in MSWM among by urban local bodies and waste management operators
- Solid waste management (SWM) rules prohibiting landfilling of organic waste are not enforced



## Achieving Transformational Change



### Financial Cooperation

A **Grant Funding Mechanism** will provide partial grants in five locations for CAPEX and OPEX. A **Risk Sharing Facility** will provide partial credit guarantees to enhance private sector investors and entrepreneurs' confidence in waste processing units.



### Technical Cooperation

Main activities to be conducted include support for formulating quality standards in the sector, implementing source segregation and sector formalisation models in five locations, and capacity-building programs for relevant stakeholders.



## Expected Outcomes



10% increase in the share of treated waste nationally.



~EUR 20 million of public finance and ~EUR 28 million of private finance mobilised for low-carbon investment and development in waste sector.



5 additional low-carbon sustainable approaches or instruments including business models, market mechanisms, and financing solutions have been adopted in projects outside NSP cities.