

# WASTE India

*Advisers on urban environment and development*



## WASTE India

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# Swachh Bharath Mission vision

The father of the nation, Mahatma Gandhi, had said that, "Sanitation is more important Independence" during his time before the independence of India. The Swachh Bharath Mission (SBM) is a mass movement to create Clean India and attain fulfilment of Mahatma Gandhi's dream of Swachh Bharat for healthy and prosperous life by his 150<sup>th</sup> birth anniversary in 2019.

The main objectives of the Mission are:

- Elimination of open defecation
- Modern and scientific municipal solid waste management
- Eradication of manual scavenging
- Effective behavioural change regarding healthy sanitation practices
- Awareness generation about sanitation and its linkage with public health
- Capacity augmentation for Urban Local Bodies (ULBs)
- Supportive enabling environment for private sector participation in capital and operational expenditures



## Our vision

**WASTE** is an experienced organisation established in 1984 in the Netherlands, specialising in **sanitation and solid waste management in low- and middle-income countries**, often in the context of development co-operation. Our vision is to create cleaner and better-functioning cities with improved sanitation and solid waste management which contribute to alleviation of poverty and strive to find a balance between financial, institutional, environmental, technological, and social aspects of sustainability. We are specialists in **programme design and management, system design from collection to waste valorisation, enterprise development, innovative financing, and capacity development**. Our portfolio of multi-year and multi-programmes is carried out by WASTE's international and multi-disciplinary staff. In addition, WASTE has a global network of highly qualified and experienced local experts in sanitation and solid waste management whom we cooperate with. **WASTE India** is a daughter organisation of WASTE Netherlands that has been established to directly address local challenges in sanitation and solid waste management with WASTE's global experience and comprehensive expertise.



# Our services

**WASTE's more than 30 years of experience** has resulted in a broad spectrum of support to cities of all sizes for improved sanitation and solid waste management. The award-winning book '**Solid Waste in World's Cities**' in 2010 gives a clear insight and examples of the developed ideas.

**Nearly all cities in low- and middle-income countries have the reputation of being dirty.** In one rough sweep, inadequate solid waste management leading to insufficient collection of household waste and lack of sanitation in lower income areas. The city authorities acknowledge this problem and regularly make efforts to improve the situation.

Categories of services	Services	Clients	Outcomes
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*Table 1 Summary of WASTE India services*

Programme design and management	- Support in setting up municipal sanitation and solid waste management policy and plan	- National governments - Local governments - Donors	A well-made programme or policy in sanitation and solid waste management that
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	<ul style="list-style-type: none"> <li>- Support in formulation of tendering process for sanitation and solid waste management programmes</li> <li>- Advise on Public Private Partnerships (PPP)</li> <li>- Monitoring and evaluation</li> </ul>	<ul style="list-style-type: none"> <li>- (I)NGOs</li> </ul>	integrates multiple stakeholders with FIETS (Financial, Institutional, Environmental, Technical, and Social) principles
System design from collection to waste valorisation	<ul style="list-style-type: none"> <li>- City scan and baseline assessment</li> <li>- Design of sanitation and solid waste management at cities' scale</li> <li>- Advise on collection, transportation, treatment, and recycling activities</li> </ul>	<ul style="list-style-type: none"> <li>- National governments</li> <li>- Local governments</li> <li>- (I)NGOs</li> <li>- Private sectors along the service and value chain</li> </ul>	A solid system for sanitation and solid waste management that integrates multiple stakeholders and FIETS principles
Enterprise development	<ul style="list-style-type: none"> <li>- Support in professionalising activities of small businesses and informal sector</li> <li>- Tailor-made training modules and manuals on enterprise development</li> </ul>	<ul style="list-style-type: none"> <li>- National governments</li> <li>- Local governments</li> <li>- (I)NGOs</li> <li>- SMEs</li> <li>- Donors</li> </ul>	Creation of professional and coordinated local businesses in sanitation and solid waste management who have capability for growth
Innovative financing	<ul style="list-style-type: none"> <li>- Support in connecting local businesses to financial institutions</li> <li>- Support in developing financial plan for programmes</li> </ul>	<ul style="list-style-type: none"> <li>- National governments</li> <li>- Local governments</li> <li>- (I)NGOs</li> <li>- Financial institutions</li> <li>- Donors</li> </ul>	A functioning local financing system to support local businesses
Capacity development	<ul style="list-style-type: none"> <li>- Tailor-made training modules and manuals on Integrated Sustainable Waste Management, PPP, etc.</li> <li>- Coaching of decision-makers in waste management</li> </ul>	<ul style="list-style-type: none"> <li>- National governments</li> <li>- Local governments</li> <li>- (I)NGOs</li> <li>- Financial institutions</li> <li>- Donors</li> </ul>	Enriched and enhanced group of people to make better and informed decisions in sanitation and solid waste management

# Our international track records (selected recent activities only)

## 2012-2013 Recycling guidelines for Botswana municipalities

Botswana has a policy commitment to recycling and valorisation, and is seeking to maximise the diversion of materials from disposal and to optimise and improve recovery by valorising more materials. Only a small fraction of recyclables is collected from the Botswana landfill sites by registered waste pickers hired by small junk shops. Most of these materials are sent abroad to be used in the recycling industry. WASTE was requested to assess the current situation of solid waste management including the market for recyclables and facilitate the process of developing recycling guidelines for Botswana municipalities.



The Botswana policy commitment can only be achieved once Botswana chooses to put in place a *framework* for recycling. This means that a decision had to be taken about how to *organise* the relationships between households, municipal councils, and value chain businesses. In stakeholder meetings in Botswana there was a clear preference for municipal recycling with the centre of gravity in the Councils. The Botswana Municipal Recycling Guidelines are written around this decision, articulated by stakeholders, and interpreted by the consultants and the Department of Waste Management and Pollution Control (DWMP).



## 2009-2016 Financial INclusion Improves Sanitation and Hygiene (FINISH) in India

FINISH is a Public Private Partnership (PPP) Programme organised with the aim to build a local system able to deliver sanitation services on a large scale in India. *The principle is simple*: reduce open defecation by building demand through intensive behaviour change communication using existing channels, stimulate the supply chain so that it can cater to a typical Bottom of the Pyramid market (low price/high quality), and then mobilise financial institutions to lend to households at reasonable rates, so that the financing is also available.

As of now, FINISH has its footprints in more than 50 districts in 10 states of India, improving millions of lives. FINISH has expanded its work globally by starting intervention in Kenya and Bangladesh. Achievements within the FINISH programme in India includes installation of new toilets for over 600,000 households since 2009, construction of one new toilet for every 3-4 minutes on a 24/7, 365 days/year basis, leveraging of grant funding for 20 times, and improved access to financial services, including credit and insurance, for households.

## 2011-2014 Municipal reconstruction of four cities in Haiti

As part of a larger project of VNGI (Netherlands) in Les Palmes (Haïti), WASTE had been asked to support the four cities in the Region of Haiti in the reconstruction and modernisation of their recycling, organics management, waste management, and public cleansing activities. At the end of the project WASTE is proud to be able to have been able to support the 4 towns and the



accomplishments such as realization of an engineered landfill, the establishment of a waste management expert cell in the advisory department for the 4 cities (DATIP) and some successful waste collection pilot projects in the towns.



### 2012 Assessment of waste management situation in Freetown in Sierra Leone

WASTE was requested to prepare a waste management assessment in the city of Freetown in Sierra Leone. The two specific objectives were to (1) examine community based solid waste management in urban and peri-urban areas in Freetown and to (2) provide sustainable waste management options for the target areas of the WASH consortium. The assessment showed that there were far more recycling initiatives in Freetown than that they were aware of. The observations and suggestions were presented to the Consortium and municipality of Freetown.

### 2013-2016 Advise on waste management planning in Bo in Sierra Leone

Based on the experiences in Freetown, the organisation WHH (Welthungerhilfe) has requested WASTE to support their large DFID funded project to clean up the city Bo, set up recycling activities and realize a working municipal waste management plan. WASTE first has supported the realization of this plan, first by coaching the collection of data and then presenting the plan to the city council. Currently, WASTE is also part of the implementation of the solid waste management plan and will support the capacity building of recycling businesses.



### 2007-2010 ISSUE-2: Integrated Support for Sustainable Urban Environment 2



ISSUE-2, a follow up of the ISSUE programme with DGIS (Dutch Government), built upon the experiences and lessons learned about the practicalities of sustainable waste management and sanitation options. ISSUE-2 was aimed at upscaling waste management and the number of sanitation facilities in order to effectively contribute to realising the MDGs (Millennium Development Goals). The implementing partners of the programme were invited to form local consortia with key public and private stakeholders to create a broad base of support. The programme operated through consortia based and active in 14 countries: Nicaragua, Peru, Suriname, Mali, Benin, Kenya, Tanzania, Zambia, Malawi, India, Bangladesh, Sri Lanka, Vietnam, and the Phillipines.

### 2011-2015 Water, Sanitation, Hygiene (WASH)

WASTE is part of the Dutch WASH Alliance that aims to improve water, sanitation, and hygiene practices for women and marginalized groups in developing countries. The main objective of our five year programme (2011-2015) is to reduce poverty and improve health, environmental and economic conditions. To realize this overall ambition, we have formulated two supporting objectives which were (1) an increased improved access to and use of safe water and sanitation services and improved hygiene practices and (2) strengthened civil society actors to jointly and individually better respond to the needs of the communities and influence decision making on WASH service delivery.



More global cases from our portfolio of multi-year and multi-programmes can be found on our website: [www.waste.nl](http://www.waste.nl).