


Zapp World

ClearWaste MSW Case Studies

Enabling
Landfill
Diversion

zapp 


Appalit, the Philippines.

 Inquirer.net

34 open dumps still in use in Pampanga–Report

Local governments allegedly running dumps are Angeles City, Apalit, ... "We have been trying to help manage solid waste at the village level, ...

May 28, 2012

 Mongabay.com

Philippine coastal town leads war against plastic trash in ...

The anti-plastic campaign comes at a time that the Philippines is struggling with solid wastes, particularly plastic, in its waters that endanger its ...

Dec 19, 2019



A solution for local communities.



The Pilot unit

A pilot unit was deployed in Appalit, the Philippines, to clear a 5-acre dumpsite in the middle of a communal area.

The unit cleared the dumpsite in just 7 months, and today, it treats waste that is generated at the Ang Dating Daan Convention Centre during weekly religious gatherings, as well as waste that is generated in surrounding areas.

"We are successfully operating the CW2.0 in the compounds of ADD Convention Centre without any problem for the past one and a half years. The unit has helped us recover 5 acres of dumpsite, turning it into a commercially usable land. We are very happy with the performance of this machine."

Noli Haballa
Members Church of God International



August 2018



March 2019

Dhaka, Bangladesh.

Where does all our waste end up?

Dhaka's landfills are at capacity and the city corporations are only acquiring more and more land rather than enforcing sustainable landfill use practices

Landfills have impacts on the environment and the health of local people. In one of the entrances of the Dhaka city, Aminbazar landfill is standing with a complete violation of environmental laws without any necessary measures needed for a landfill, polluting the area every moment, writes **Sakib Rahman Siddique Shuvo**



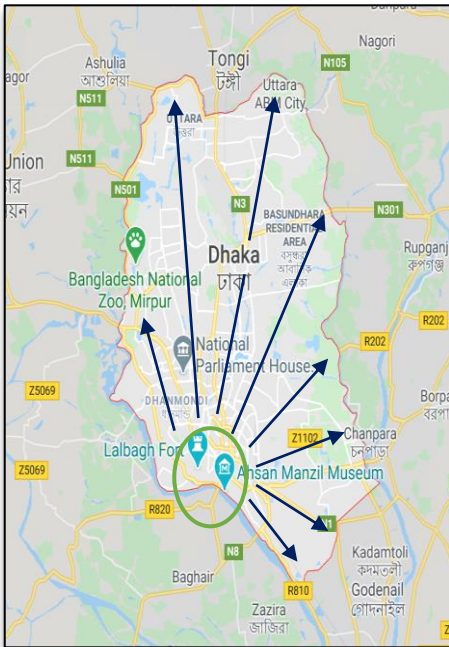
1800 to 2000 tonnes of waste are disposed at the 100-acre Matuail Landfill every day.

Bangladesh: Dhaka factories ordered shut in landmark ruling to protect Buriganga river

Just when it got a little quieter in Bangladesh - the Bangladesh Accord transitioned and factory incidents have become somewhat less - a new landmark decision by Bangladesh's high court could shake things up again. On 20th January, the court ordered authorities to take immediate action against 231 garment-related factories including rubber plants, dyeing factories and tanneries that had been using the Buriganga river as the private dumping ground for their industrial waste, making Dhaka's main river one of the world's most polluted.



As of Feb 2019, a study by WHO ranked Dhaka as the 'most polluted city in the world'.



Population of Dhaka:
21 million people

Solid waste per day:
12,000 tonnes

A solution for public spaces.

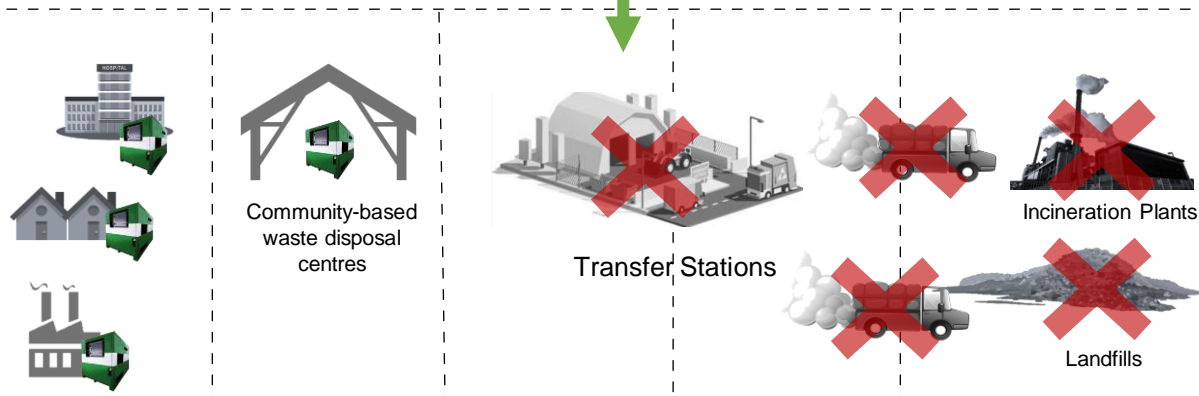
In partnership with South Dhaka Municipal Corporation, we are setting up a **community-based modern disposal site** to treat local waste at source, and to provide an end-all solution for street waste.



Waste dumped by roadsides in Dhaka.

Our units to be deployed on site to capture waste at source, reducing waste leakages, subsequent handling and disposal.

Our units are being placed in localised community-based disposal centres as an end-all solution to street waste and incoming waste from surrounding districts.



Mumbai, India.

Mongabay Series: Environment and Elections

India's megacities, Mumbai and Delhi, sitting on a pile of waste

by Mayank Aggarwal on 11 October 2019



Mumbai and Delhi are not just India's top two megacities in terms of population but also in terms of the solid waste generated every day.

tonnes of waste to this 134-hectare dumping ground every day. If one corner of the city wasn't piling up the junk to a height of nearly 18-20 floors, it could accommodate almost 268 football fields, or 30% of the

Mumbai is being buried under a mountain of its own trash

3 min read. Updated: 19 Mar 2015, 08:40 PM IST
Bhuma Shrivastava, Anto Antony

Mumbai is running out of space for its waste, and Deonar, Asia's oldest and largest dumpsite, is bursting

Mumbai's Covid-19 waste doubles in 3 months, treatment facility runs out of storage space

Private waste operator SMS Eco-lean Pvt Ltd, appointed by the BMC to deal with the city's entire Covid-19 waste, said plastic waste weighing 2,000 kilograms was piling up daily at the plant.

Updated: Aug 29, 2020 11:20 IST
Bhumi Chatterjee | Edited by Sparshika Saxena
Hindustan Times, Mumbai

ENVIRONMENTAL POLLUTION

In a slum near Mumbai's Deonar dumping ground, life is a constant health battle

The sewers in the area are overflowing and the air pungent, and yet, there seems to be no political will to make a difference.

Apekshita Varshney
Apr 25, 2019 - 01:30 pm



Landfill Crisis: Garbage Dumping Ground At Mulund In Mumbai Permanently Shut

Garbage dumping ground at Mulund, Mumbai was permanently closed from Monday after it got filled to maximum capacity and now garbage produced everyday in the city will be dumped at the landfills in Deonar and Kanjurmarg areas

Landfill Crisis, Maharashtra, News | PTI | October 04, 2018 10:18 PM | 0

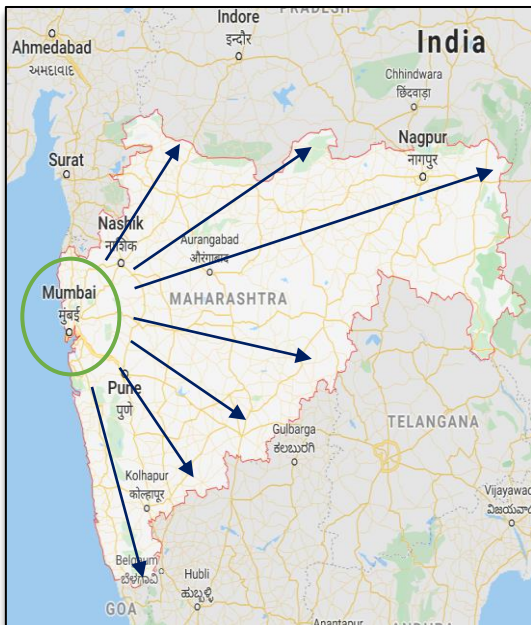
Visible from space: Burning 9-story-high landfill covers Mumbai with toxic fumes (PHOTOS)

9 Feb, 2020 14:46 | updated 4 years ago



Population of Mumbai:
20 million people

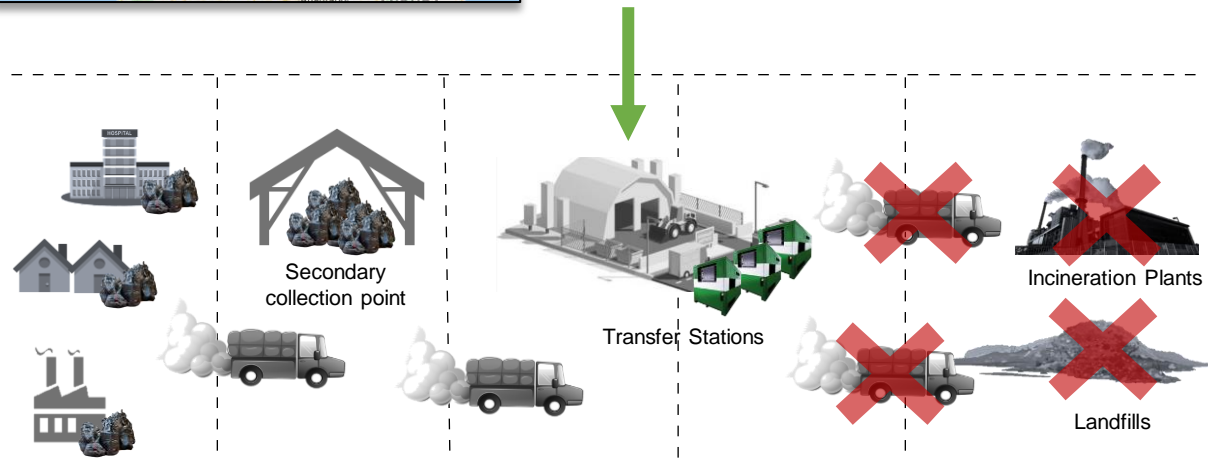
Solid waste per day:
11,000 tonnes



A solution for Transfer Stations.

In partnership with Brihan-Mumbai Municipal Corporation (BMC), we are diverting waste from **landfills**, and countless of dumping grounds through deploying our units in **Transfer Stations** across Mumbai. In doing this, we **reduce costs** and **CO2 emissions** across Mumbai's waste management chain.

Our units are being deployed at Transfer Stations at source to reduce and prevent waste from going to landfills and incineration plants.



Chennai, India.

90% municipal waste in Tamil Nadu dumped without processing

Radheshyam Jadhav | TNN | Updated: Jul 30, 2018, 06:15 IST

Dear Chennai, Do You Know What Happens to Your Waste? Nothing

The local solid waste department claims that Chennai generates nearly 3,200 tonnes of garbage everyday.

PRIYANKA THIRUMURTHY
Published: 11 Jul 2017, 12:55 PM IST

THE NEW INDIAN EXPRESS

STOCK MARKET BSE 39467.31 + 533.84(0.90%) NSE 11647.60 + 88.35(0.76%)

Home > Cities > Chennai

Biomedical waste in Chennai suburbs not cleared even after complaints

As per the TNPCB's Biomedical Waste Management Rules, 2016, the biomedical waste should be disposed off at the nearest waste treatment facility within 48 hours.

Published: 07th August 2020 07:13 PM | Last Updated: 07th August 2020 07:13 PM

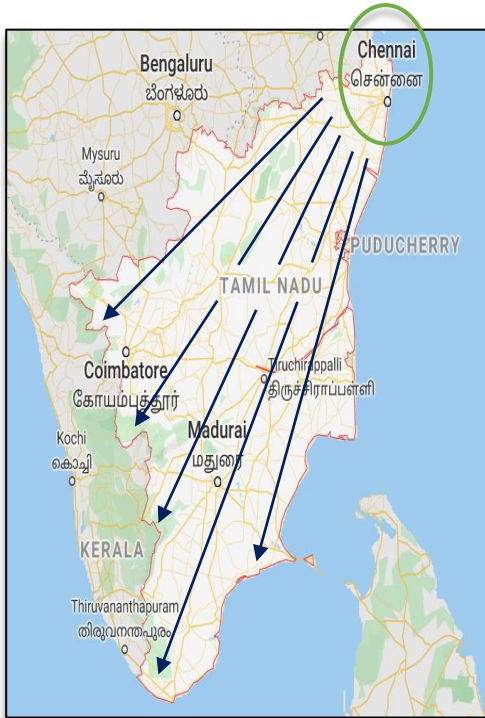
4,600 tonnes of waste are sent to Perungudi and Kodungaiyur Landfills every day.



Perungudi Landfill



Kodungaiyur Landfill



Population of Chennai:
10.9 million people

Solid waste per day:
5,200 tonnes

We are working alongside Greater Chennai Corporation (GCC) to collect and treat waste that is generated in **suburban communities**, and at **various public gatherings and events**. For this application, we developed Mobile units, to enable the quick and efficient collection and disposal of waste on-the-go.

A solution for suburbs.

- Compact and 'plug and play' features enable Mobile design.
- Mobility enables at-source waste treatment across a wide coverage area.
- Mobility enables accessible and frequent waste treatment.
- 'On-the-go' treatment prevents subsequent handling and disposal..



Mobile units are being deployed in the suburbs of Chennai to treat waste generated across multiple locations, and at public gatherings and events. The mobility of the units enable wide coverage of collection points, providing a waste treatment solution in areas and instances where there was none.

Our units to be deployed at Transfer Stations across Chennai and the entire Tamil Nadu state to reduce and prevent waste from going to landfills and incineration plants.

