



Environmentally Responsible and
Socially Inclusive Waste Management

Griha Summit, 2016



Alarming garbage crisis situation in India leading to adverse health & environmental impact

Some Trash Facts

Total Solid Waste

51 million MT generated in India per annum; 4% growth pa

Landfill space

~100K acres land needed to hold trash of a1B Indians for 25 years

End point

80% of India's urban waste ends up in rivers

Impact

Environmental pollution + 22 different diseases in India (WHO)

Collection vs processing

60% of urban India waste collected and <5% processed!



Adverse health & environmental impact for citizens today

What happens with garbage today?

1



Burning

- Second most cause of green house gas emission
- Can lead to lung diseases (emphysema) or cancer

2

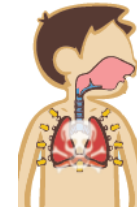


Dumping

- Leachate carries heavy metals and other contaminants to ground water
- Also releases toxic vapors and prone to uncontrolled fires
- Huge impact on human health & environment

Health hazards

Asthma, heart attack



Cancer, toxic for pregnant women



Headache, Vomiting



Environmental hazard

Food & water contamination



Why this situation? No segregation of waste resulting in no waste processing

With no source segregation, most waste is mixed and cannot be processed



Ultimately waste ends up in dumpsites creating unsafe conditions for current/future generations



Today's process for low value recyclables

Collection/
transport

Dispose
>95%

Is this the city we want to pass on to our next generation?

Waste Ventures India: First Professional Waste Management Company in Hyderabad

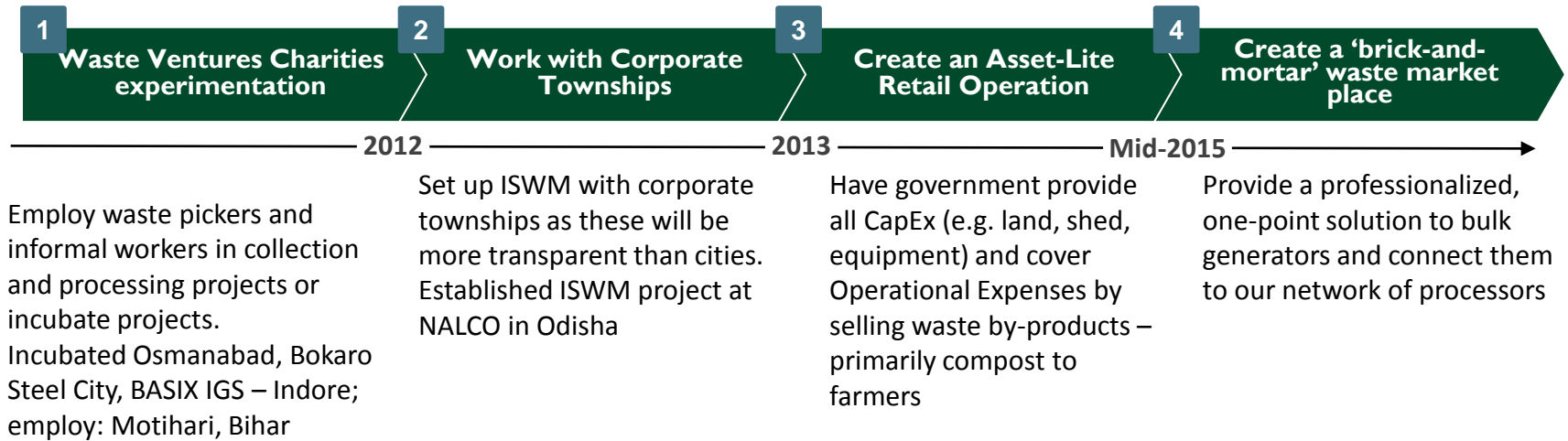
Bulk waste generators
Apartments, manufacturers, corporates, waste pickers



Waste processors
Local processors, including green partners where possible



Waste Ventures India has extensive experience in collections & processing of waste, supported by a data-driven approach



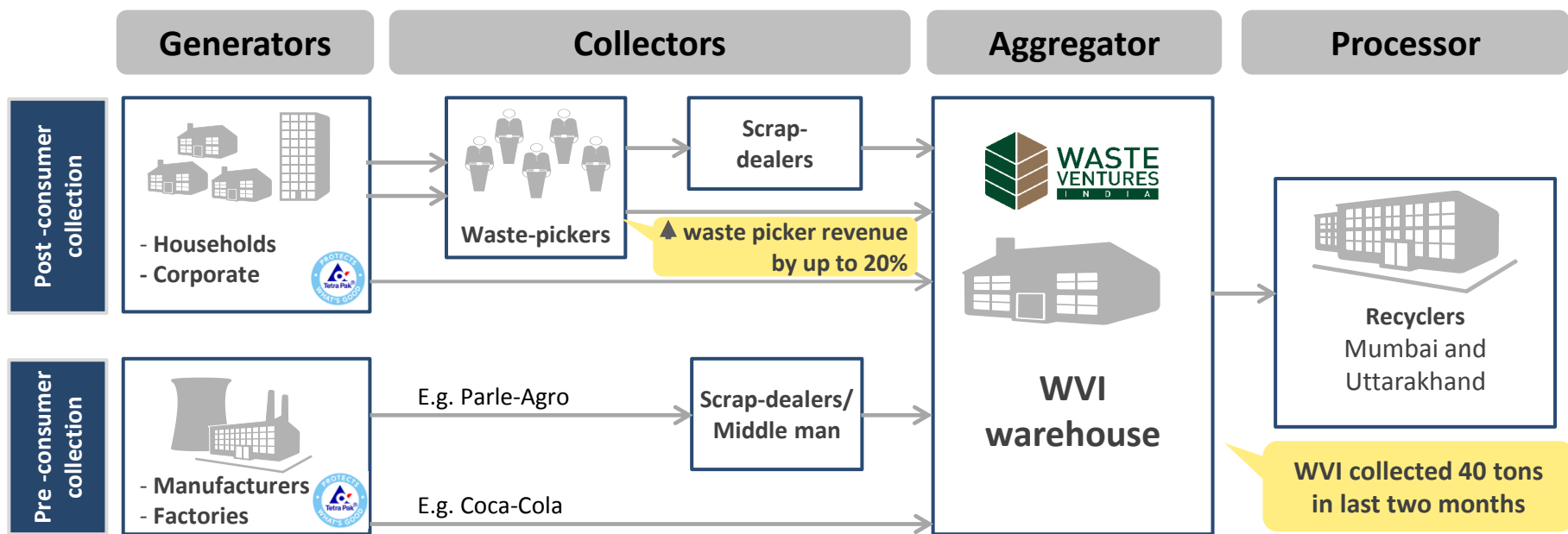
We understand waste management – **currently manage** organic waste for the cities of **Miryalaguda and Nalgonda**; **prior experience** of collection and management in Osmanabad (~26k households), NALCO (~4k households), Motihari (~500 households)



We **draw on proven methodologies** and international benchmarks with **data-driven** and **collaborative** approach

WVI has initiated recycling of no-value materials e.g., Tetra Pak; imbued informal sector with unprecedented professionalism

WVI has provided additional source of revenue to waste pickers while averting dumping



Our recent partnership with ITC will collect/process recyclables from 25,000 HH and corporates



Waste Ventures India (WVI)'s 'table-to-farm' model enables a circular economy



- Primary WVI activity
- Secondary WVI activity (supporting)
- No WVI involvement

We've been recognized by peer entrepreneurs, the United Nations, and Government of India

Supporters



Recognition

All of India – 3rd Best Municipality
Andhra Pradesh – 2nd Best Waste Management System



Partners



Waste Ventures India's core assets are...



WVI Initiatives



Regular tests to ensure the highest quality manure in Telangana



Composting of organic waste, Nalgonda



Dry Waste collection from Housing societies/corporates/



An awareness session with residents, Serilingampally

Best compost in Telangana



WVI Sanjeevini compost on Amazon, Flipkart etc.

**Get in touch with us at
swachhworks@wasteventures.com**

