ODOUR ELIMINATOR DECOMPOSER (OED)

for Landfill / Biodegradable Waste

Modern Environmental Challenges
Odour Eliminator Decomposer - Solution

Why **Urban India** is Failing at Waste Management

And What Can Actually Fix It

Urban India generates massive quantities of municipal waste every day **of which more than 50–60% is organic waste.**

This presentation examines **the GAP** beteen **Modern Environmental Challenges** & traditional ecological wisdom.

It proposes **Odour Eliminator Decomposer (OED)** as a cost effective and scalable solution to remove odour of

- Legacy waste
- Landfills
- Organic waste
- Polluted water

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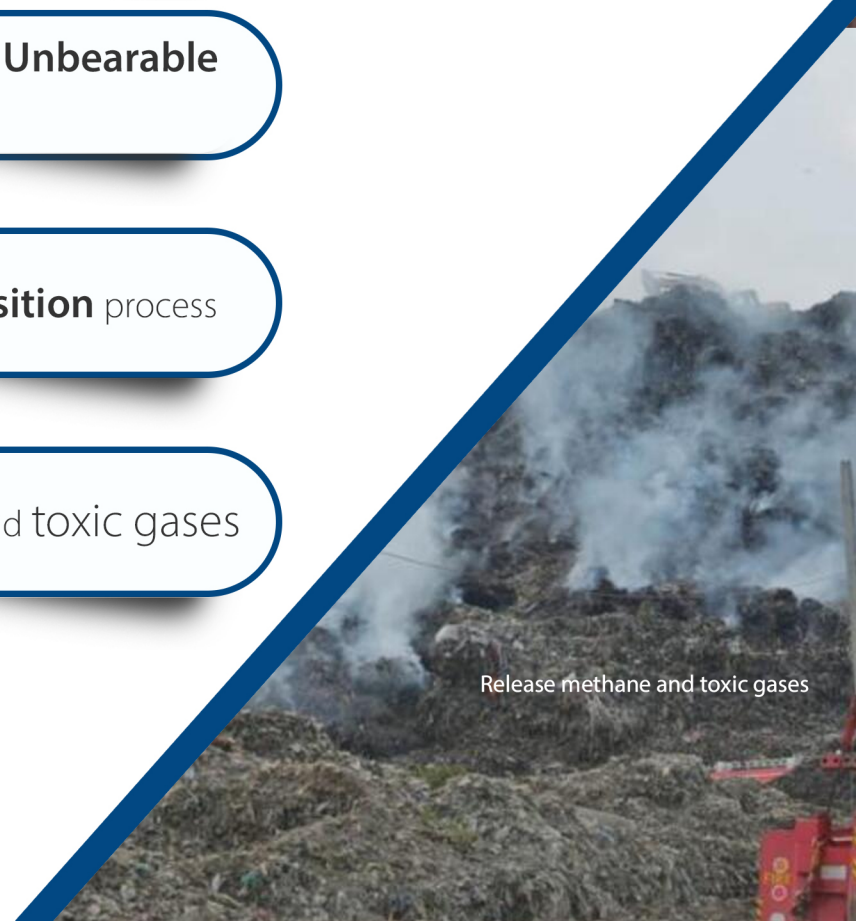
The Problem
STATEMENT

Urban India Accumulating decades of **Landfill legacy waste** It

- Serious **health issues** for nearby residents & **landfill site workers**
- **Generate leachate** which Contaminates groundwater
- Continuously emit **Unbearable Foul** Odours
- Very **Slow Decomposition** process
- **Release methane** and toxic gases



Odour: The Biggest Invisible Barrier
The root cause is
ABSENCE of MICROBIAL PROCESS

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Practical Solution

Odour Eliminator Decomposer

After two decades of **dedicated research** and **development,** we have successfully transformed this traditional knowledge into a modern, scalable bio-solution:

Odour Eliminator Decomposer (OED) is a microbial diversity bio-solution derived from cow dung and cow urine of indigenous cows having **native bacteria fungi, natural fungicide and larvicides** known for its **instant odour removal** and faster decomposing activity.

ODOUR REMOVAL & DECOMPOSITION - microbial solution designed for

Landfills, waste dumping sites & biomining sites

Slaughter Houses, Fisheries, Poultries,

Public Toilets/ Septic Tanks/ Sanitation

Garbage transport vehicles

Food and dairy Industry organic

Removes odour from: Flowing & stagnant polluted water / Waste water treatment plant

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OED Restores
Biological Activity

- Reintroduces active **microbial populations**
- Accelerates **natural decomposition**
- Forms a **natural bio-film layer** on landfills
- Traps and **neutralizes odour**-causing gases
- Speeds up **degradation** of **legacy waste**
- Improves **environmental conditions** on-site
- Makes **land recovery** more meaningful

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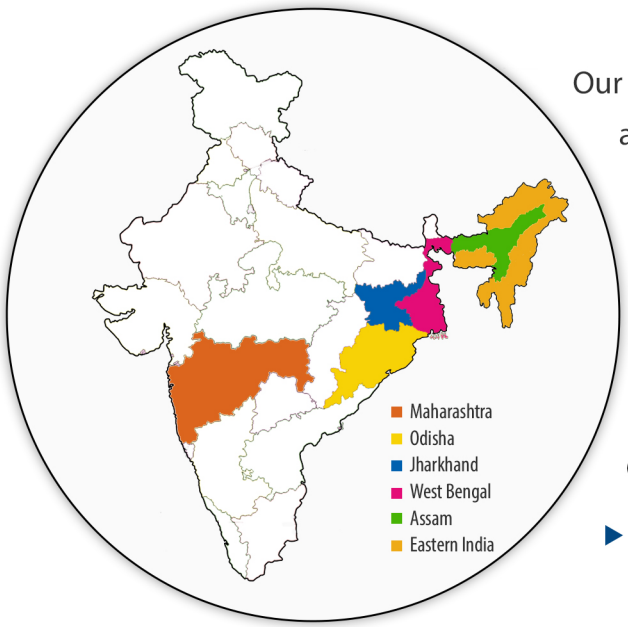
Proven Impact on Ground

We have **already implemented OED** across:

Result

- Complete removal of offensive odours
- Improved working conditions
- Faster decomposition processes



Our technology has been **successfully implemented** across 15 Municipal Corporations in Maharashtra, Odisha, Jharkhand, West Bengal, Assam & Eastern India.

Notably, at the Bhubaneswar Municipal Corporation (BMC),we have facilitated the **bio-mining of 2,25,000** metric tons of **legacy waste** and continue to **manage 600–700 metric tons** of daily waste with zero odor complaints.

Private sector Clients

- Reliance Bio-Energy Ltd
- Ultratech Cement
- Dalmia Cement
- ACC Cement
- Hydro-safe Hosur

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Final Thought

The real shift is **toward integrated** systems—
where engineering supports biological processes
instead of replacing them.

- Landfills into recoverable land
- Waste into resources
- Cities into cleaner, odour free, healthier ecosystems

Let's **Solve the Problem** at Its Root, if you are

- A municipal authority
- Waste management operator
- Industry dealing with organic waste

We can help you implement a real, **scalable, and sustainable solution** for odour control.

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