

# Impact of Improper Waste Management

## HEALTH

- 22 human diseases are linked to improper solid waste management
- Trash burning pumps tonnes of cancer causing smoke into the air.

## SOCIAL

- Waste pickers families live in unhygienic environments, resulting in malnutrition, extreme poverty, and adverse health infections.
  - Waste pickers are affected by respiratory diseases, physical cuts, worm infestations, and skin diseases.



## CLIMATE CHANGE

- Burning garbage is the 3rd largest cause of greenhouse emissions in India and links to asthma, heart attack, and emphysema.
- Landfills emit methane that is 21 times as potent as CO<sub>2</sub>.
- Burning releases lethal gases releasing 6% of methane emissions from garbage in India (vs. 3% globally)
- Rotten garbage leakage contains toxic liquid and is absorbed into the soil and water bodies, and contaminates the food chain.