

# STOP incineration

Incineration is not a solution to the growing waste problem

## INCINERATORS make waste more toxic and...

- ⊗ Do not eliminate waste, but convert waste into hazardous air emissions and toxic ash.
- ⊗ Generates about 30% of ash from burned wastes that requires secure landfill
- ⊗ Contaminates air, water, soil and food products
- ⊗ Major source for production of 210 different **DIOXIN & FURAN** compounds and other toxic substances (e.g. Cadmium, Mercury) including small particulate matter that can be easily inhaled.
- ⊗ Inhalation of these toxic gas affect reproductive system and contaminate breast milk.

## DIOXIN and FURAN are...

- ⊗ Persistent Organic Pollutants (POPs) that travel far and wide, resisting natural breakdown processes, and climbing the food chain until they reach people, where they bio-accumulate (build up) in fatty tissue.
- ⊗ Known to cause serious health problems including cancer if inhaled.
- ⊗ Dioxin weighing 0.1 gram (a grain of rice) equals the annual "ACCEPTABLE" dose for a million people.

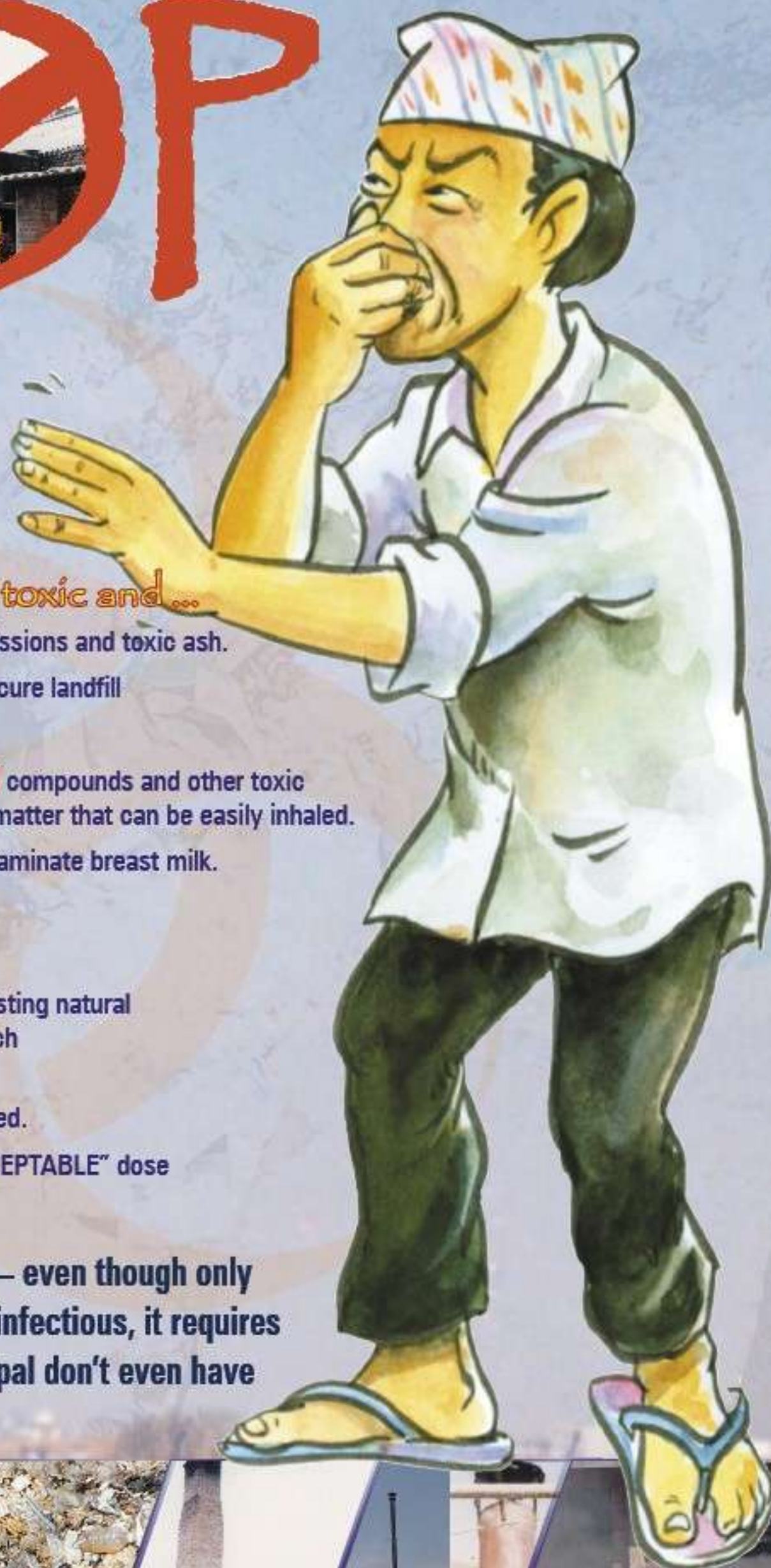
Meanwhile burning of medical waste is on the rise — even though only 10 per cent or less of a hospital waste is potentially infectious, it requires special treatment. Most incinerators operating in Nepal don't even have pollution control devices.

As cleaner and safer alternative to incinerating waste, separate at source, treat with non-burning technologies and adopt 3R.



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