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# Global initiatives and good practices for mitigating open waste burning

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# ISWA

ISWA is the world's leading network promoting professional and sustainable waste- and resource management.

ISWA represents all aspects and stakeholders within the waste management sector: the public, the private and the academic.

With more than 1,300 Members in 109 countries, ISWA has a unique global network.



**To Promote and Develop  
Sustainable and  
Professional Waste  
Management Worldwide  
and the transition to a  
Circular Economy**

- Our mission





August 2021, near Puducherry, Tamil Nadu





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# Impacts of burning waste



- Health impacts
  - Release of dioxins and furans
  - Release of benzopyrene and polycyclic aromatic hydrocarbons
  - Release of volatile organic chemicals
- Environmental and climate impacts
  - Polluted air can be deposited in the soil, groundwater, and plants
  - SLCPs and GHG emissions

# Why does it happen?

- To get rid of waste, reduce waste volumes
- To get materials out of the waste

Because of:

- Low or nonexistent waste collection coverage
- Lack of safe and proper destination for all the waste generated
- Lack of funding / minimum required resources





## What can we do about it?



- Extend waste collection services to ALL
- Find the proper place to dispose of the waste
- Raise awareness about the impacts of open burning
- Multi-disciplinary approach involving a community of practitioners, policy makers etc. to address the impact on human health and safety



# Thank You!

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