

# UNIT-4

# Treatment, Storage and Disposal Facilities (TSDFs)

- The Government has taken a number of initiatives to address issues related to disposal of wastes.
- It encourages setting up of integrated Treatment, Storage and Disposal Facility (TSDFs) for hazardous waste management on Public Private Partnership (PPP) mode in clusters of hazardous waste generating industries.
- So far 28 TSDFs have been set up. The Ministry of Urban Development is implementing the Jawaharlal Nehru National Urban Renewal Mission (JNNURM) for providing assistance to the State Governments/ Urban Local Bodies for various projects including solid waste management.

- On the basis of proposals received from the States, the Centre has provided financial assistance to the State Pollution Control Boards for setting up of integrated TSDFs
- The financial assistance disbursed from 2007 to 2010, State-wise and year-wise is as follows

Year	State	Amount (in lakhs)
2007-2008	Tamil Nadu	Rs. 80.00
2007-2008	Andhra Pradesh	Rs. 80.00
2007-2008	Maharashtra	Rs. 96.64
2008-2009	Maharashtra	Rs. 160.00
2009-2010	Maharashtra	Rs. 2.40 crore
2009-2010	Uttar Pradesh	Rs. 80.00
2009-2010	Kerala	Rs. 80.00

- To offset any possibility of the amount allocated for setting up of the TSDFs getting diverted for other activities or projects, a Memorandum of Understanding (MoU) is signed between the Ministry of Environment and Forests, State Pollution Control Board and the entrepreneur before release of financial assistance for setting up of TSDF.
- One of the conditions of the MoU is to constitute a committee to monitor progress of the facility.
- Further release of financial assistance is made only on submission of audited Utilization Certificate and physical progress report by the respective State Pollution Control Board.

- The CPCB's Guidelines for Environmentally Sound management of E-waste, 2008 in its 'guidelines for establishment of integrated e-waste recycling & treatment facility' state that plastic, which cannot be recycled and is hazardous in nature, is recommended to be landfilled in nearby Treatment, Storage and Disposal Facility (TSDF).
- In case lead recovery is low, they can be temporarily stored at e-waste dismantling facility and later disposed in TSDF.