

PRABHA IAS IPS COACHING ACADEMY



DAILY DOSE

CURRENT AFFAIRS – 13/02/2026

1. Waste Sector Decarbonisation & Methane Mitigation Strategy

Recent - NITI Aayog's report “Scenarios Towards Viksit Bharat and Net Zero – Sectoral Insights: Waste” highlights the waste sector as a critical methane-intensive emissions source.

Waste Sector & Emissions Profile

Emission Contribution: The waste sector accounts for only ~2.56% of India's total GHG emissions, yet its climate impact is disproportionately high due to methane intensity.

Methane Dominance: Methane (CH_4) forms the primary emissions driver in the waste sector, with a global warming potential ~25 times higher than CO_2 .

2. Science-Based Targets Initiative (SBTi):

Recent - The climate action organisation, the Science Based Targets Initiative (SBTi), seeks to expand its presence in India's private sector.

About SBTi: SBTi defines and promotes best practices for emissions reduction and for net-zero targets aligned with Paris Agreement, for businesses and financial institutions.

Partnership: Founded in 2015 as a joint initiative of CDP, the United Nations Global Compact, World Resources Institute (WRI), and WWF, it is now an independent UK charity.

3. National Biobank for Lysosomal Storage Disorders (LSDs):

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Recent - India established the first government-supported national biobank dedicated to LSDs.

Although individually rare, LSDs impose a significant cumulative burden due to high mortality, lifelong disability, and underdiagnosis, with India estimated to host 12,000+ patients.

Disease Category: LSDs comprise 70+ rare inherited metabolic diseases caused by genetic defects affecting lysosomal enzyme activity.

4. Lion-Tailed Macaque:

Recent studies reveal a surge in lion-tailed macaque populations in human-dominated landscapes, particularly in the Anamalai Hills of the Western Ghats.

The Lion-Tailed Macaque, also known as the Wanderoo, is an Old-World monkey endemic to the tropical rainforests of the Western Ghats.

It is distinguished by a silver-white mane encircling its face and a tail ending in a lion-like black tuft.

The species exclusively inhabits the upper canopy of tropical evergreen and semi-evergreen rainforests.

Its fragmented population is found in the Anamalai, Nilgiri, and Ashambu hills across Kerala and Tamil Nadu, and the Sirsi-Honnavar rainforests in Karnataka.

5. Vidyanjali Programme:

Recent - Vidyanjali programme has onboarded ~8.5 lakh schools and 5+ lakh volunteers, strengthening government schools through structured community participation.

Launch & Alignment: Launched in September 2021 by the Department of School Education & Literacy, Ministry of Education, aligned with the National Education Policy (NEP) 2020.

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Core Objective: Designed to strengthen Government and Government-aided schools, the initiative aims to improve learning environments and student support through voluntary contributions.

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