

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

RAJYA SABHA
UNSTARRED QUESTION NO. 2132
TO BE ANSWERED ON 18.12.2025

Submission of Biennial Update Reports (BUR)

2132. SHRI ANIL KUMAR YADAV MANDADI:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

- (a) whether it is a fact that Government is submitting its Biennial Update Reports (BUR) to the United Nations Framework Convention on Climate Change (UNFCCC);
- (b) if so, the details thereof; and
- (c) the major highlights of BUR?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(SHRI KIRTI VARDHAN SINGH)

(a) to (c) India, as a Party to the United Nations Framework Convention on Climate Change (UNFCCC) has furnished four Biennial Update Reports to the UNFCCC. India's last and Fourth Biennial Update Report (BUR-4) was submitted to the UNFCCC on December 30, 2024 which contains the national Greenhouse Gas (GHG) inventory for the year 2020, information on India's national circumstances, mitigation actions, and finance, technology and capacity-building support received and needed.

As per BUR-4, India's net GHG emissions in 2020 were 2,437 million tonnes of CO₂e. The energy sector contributed the most to overall emissions (75.66 percent), followed by the agriculture (13.72 percent), Industrial Processes and Product Use (8.06 percent), and Waste (2.56 percent) sector. In 2020, India's forest and tree cover, along with other land use, sequestered approximately 522 million tonnes of CO₂ equivalent, thereby reducing 22% of the country's total carbon dioxide emissions.

Further, India has progressively continued decoupling economic growth from GHG emissions. Between 2005 and 2020, India's emission intensity of Gross Domestic Product (GDP) reduced by 36%. As per BUR-4, share of non-fossil sources in the installed electricity generation capacity, in October 2024, was 46.52%. India's forest and tree cover has consistently increased, creating an additional carbon sink of 2.29 billion tonnes of CO₂ equivalent during 2005 to 2021.
