NITI Aayog Releases Study Reports on Scenarios Towards Viksit Bharat and Net Zero

India will abide by Common but Differentiated responsibility and can meet Net Zero goals : Secretary, MoEFCC

Viksit Bharat @ 2047 is achievable in all scenarios

Electrification of energy, greening the energy, Mission LiFE and behavior change and circularity are critical for Net Zero

India's coal consumption will continue to rise till 2047

$22 trillion investment needed of which at least $6 trillion needs to come from external sources

India can leapfrog to be a global leader in clean technologies

85% of India of 2047 yet to be built and can be built to be climate friendly

India's Development Model to be a role model for the Global South

Posted On: 09 FEB 2026 8:54PM by PIB Delhi

NITI Aayog is releasing eleven study reports on **Scenarios towards Viksit Bharat and Net Zero** on the 9th and 10th of February 2026. The first set of three reports were released on the afternoon of 9th February 2026 at an event held at the Ambedkar International Centre, New Delhi.

The eleven reports detail the findings of India's first government-led, multi-sectoral, integrated study to assess development scenarios that deliver on the Hon'ble Prime Minister's vision Viksit Bharat 2047 while simultaneously reducing net green-house gas (GHG) emissions to zero by 2070.

NITI Aayog's study entails a scenario-based analytic modelling exercise that integrates economic growth, India's development priorities, and climate commitments. The study has been informed by ten inter-ministerial working groups that examined long-term transition scenarios across key domains like macroeconomic aspects of the transition; sectoral low carbon transition in power, transport, industry, buildings, and agriculture; financing for climate action; critical minerals; R&D and manufacturing; and the social implications of the transition. NITI Aayog undertook this comprehensive assessment to inform long-term policy planning.

The following reports were released at today's event:

1. **Study report on Scenarios towards Viksit Bharat and Net Zero: An Overview (Vol. 1)**

   The synthesis report summarises the key findings emerging from the development scenarios assessed by NITI Aayog. The scenarios consider historical trends, current policies, and additional policy measures to accelerate demand electrification, enhance circularity, improve energy efficiency, promote the rapid development of low-carbon technologies and fuels, and encourage behavioural shifts.

2. **Scenarios towards Viksit Bharat and Net Zero: Macroeconomic Implications (Vol. 2)**

   The report details the macroeconomic implications of assessed development scenarios on GDP growth, investment, trade, jobs, and public finance, highlighting both trade-offs and synergies in India's development pathway. The macroeconomic risk that climate change poses to agriculture, infrastructure, and health, compounded by rising carbon-related trade barriers, are also discussed.

3. **Scenarios towards Viksit Bharat and Net Zero: Financing Needs (Vol. 9)**

   The report examines India's investment requirements in the key sectors of power, transport, and industry. The study concludes that an unprecedented capital mobilisation of $22.7 trillion by 2070 is required under the Net Zero scenario, including a projected financing gap of $6.5 trillion, and identifies the need for domestic financial reforms and stronger global capital integration.

The reports were released in the presence of **Sh. Suman Bery**, Vice Chairperson, NITI Aayog; **Dr. Arvind Virmani**, Member, NITI Aayog; **Sh. B.V.R. Subrahmanyam**, CEO, NITI Aayog; **Sh. Tanmay Kumar**, Secretary, Ministry of Environment, Forest and Climate Change; and **Dr. V. Anantha Nageswaran**, Chief Economic Advisor to the Government of India, Ministry of Finance.

The launch of the three reports was followed by a panel discussion titled **"Ambition to Action: Balancing Growth and Green Transition"** moderated by **Dr. V. Anantha Nageswaran**. The panel featured **Dr. Kirit Parikh**, Chairman, Integrated Research and Action for Development; **Dr. Stéphane Hallegatte**, Chief Economic Adviser, Climate, World Bank Group; and **Prof. E. Somanathan**, Indian Statistical Institute.

Sh. Suman Bery, Vice Chairperson, NITI Aayog, observed that "As one the world's largest economies by 2070 India must be concerned for the welfare of its own citizens, and for the world that they will inhabit in the coming decades. Accordingly, the goal of Net Zero by 2070 provides guidance to Indian actors about a world beyond Viksit Bharat 2047. India's own pathways will be influential for those to follow, particularly from the global south. I commend the NITI team for the detailed analysis of technologically feasible paths towards realising the Hon'ble Prime Minister's vision and promise and, crucially, assessing the resource requirements: financial, technological and diplomatic that will be needed in this journey."

In his address, **Sh. B.V.R Subrahmanyam**, CEO, NITI Aayog, said "The Net Zero strategy is simple – first, electrify energy use. Two, green and clean electricity. Three, control demand through Mission LiFE. Four, focus on circularity and efficiency. Last, cheaper external finance is needed. Clearly stated, India's coal consumption will go up till 2047 even as energy intensity decreases and efficiency goes up, while meeting Net Zero goals. India can leapfrog to be a global leader in clean technologies. 85% of India of 2047 is yet to be built and can be built to be climate friendly."

Sh. Tanmay Kumar, Secretary, Ministry of Environment, Forest and Climate Change, shared "India will abide by Common and Differentiated responsibility and can meet Net Zero goals".

Dr. V. Anantha Nageswaran, Chief Economic Advisor to the Government of India, Ministry of Finance, acknowledged “NITI Aayog has undertaken a comprehensive and rigorous exercise that will serve as a benchmark – a starting point for future discussions on Viksit Bharat and Net Zero. The reports are a great resource for policymakers and researchers on charting India’s course to these twin objectives.”

The full reports can be accessed at:

1.https://niti.gov.in/sites/default/files/2026-02/Scenarios-Towards-Viksit-Bharat-and-Net-Zero-%20An-Overview-Vol1.pdf

2.https://niti.gov.in/sites/default/files/2026-02/Scenarios-Towards-Viksit-Bharat-and-Net-Zero-Macroeconomic-Implications-Vol2.pdf

3.https://niti.gov.in/sites/default/files/2026-02/Scenarios-Towards-Viksit-Bharat-and-Net-Zero-Financing-Needs-Vol9_0.pdf

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