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National Manufacturing Mission

Mission's success depends on
reducing imports by tapping into
domestic manufacturing strength

SEPTEMBER 2025

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The GoI has undertaken a strategic initiative by launching the NMM, aligning it with the NDC, existing policy frameworks, and schemes, while actively promoting the MSMEs and start-ups.

The mission's success will depend on robust execution, which, if achieved, could substantially reduce import dependency, enhance employment in the cleantech sector, and position India as a leading exporter of clean technology solutions.

- The power, industry, and transport sectors contribute nearly 90% of India's carbon dioxide (CO₂) emissions. The Government of India (GoI) has initiated several measures to curb these emissions, including the promotion of renewable energy (RE), Green Hydrogen, and electric vehicles (EV) through targeted schemes and policies.
- While India has made notable strides in transitioning to clean energy within the power sector, substantial efforts are still required to achieve its 2030 goals—particularly in scaling up Green Hydrogen production and accelerating the adoption of electric vehicles.
- Another pressing issue is the country's substantial dependence on imports for key clean-energy technologies—such as solar photovoltaic modules, battery storage systems, and advanced wind turbine components—with import reliance ranging between 20% and 90%.
- If this dependency persists while achieving the 2030 targets for the carbon emitting sectors, nearly 70% of the capital investment could flow to countries like China, which are leading cleantech manufacturers globally.
- To tackle these challenges and boost domestic manufacturing, the GoI launched the National Manufacturing Mission (NMM), with a strong focus on clean technology production.
- In the Union Budget 2025–26, 10% of the mission's total outlay was earmarked for the current fiscal, signalling the pace of progress anticipated. The mission had made notable progress by successfully onboarding over 500 small and medium manufacturers (MSME) and start-ups until August 2025.
- The GoI has taken a strategic step by launching the NMM and aligning it with the Nationally Determined Contributions (NDC) targets, existing schemes, and policies. By actively supporting MSMEs and start-ups, the Mission lays a strong foundation for industrial transformation. However, its success will depend on effective execution. If implemented well, it can significantly reduce import dependency, generate employment in the cleantech sector, and establish India as a global exporter of clean technology products by leveraging domestic strengths.



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