



Narmada Landscape Restoration Project

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Why in News

National Thermal Power Corporation (NTPC) has signed a Memorandum of Understanding (MoU) with **Indian Institute of Forest Management (IIFM), Bhopal**, to implement the **Narmada Landscape Restoration Project (NLRP)**.

NTPC Ltd. is a central Public Sector Undertaking (PSU) under the Ministry of Power. It became a **Maharatna company** in May 2010.

Key Points

- **About NLRP:**

- It is a **collaborative and participatory** approach that will demonstrate the interdependence of the **upstream sustainably managed forest and farm practices** on **downstream water resources**.
- The project aims to establish an **incentivisation mechanism to maintain sustainable landscape practices** in Narmada basin.

Landscape management means action, from a perspective of **sustainable development**, to ensure the **regular upkeep of a landscape**, so as to guide and harmonise changes which are brought about by **social, economic and environmental processes**.

- **Funding Mechanism:**

The program is in partnership with a **grant in aid** from **NTPC Ltd** (under its **Corporate Social Responsibility** initiative) and **United States Agency for International Development (USAID)** in equal proportions.

- USAID is the world's premier **international development agency** and a catalytic actor driving development results.
- USAID's work advances U.S. national security and economic prosperity, demonstrates American generosity, and promotes a path to recipient self-reliance and resilience.

- **Implementation:**

The **4-year project** will be implemented in **Khargone District of Madhya Pradesh**, in the catchments of selected tributaries of the River Narmada between **Omkareshwar and Maheshwar dams**.

- **Omkareshwar Dam:**

- The Omkareshwar Dam is one of the major **downstream dams of Indira Sagar Project**, lies along the bank for the Narmada and Kaveri.
 - Indira Sagar is a **multipurpose project** consisting of various dams on Narmada river.
 - **Omkareshwar Jyotirlinga**, one of the 12 Jyotirlinga is situated on the **confluence** of river Narmada and Kaveri.

- **Maheshwar Dam:**

Maheshwar is one of the planned large dams on the Narmada Valley to **provide 400 MW electricity**.

- **Implementing Agencies:**

IIFM, Bhopal, an Autonomous Institute under the Ministry of Environment, Forest and Climate Change (MoEF&CC) will be **jointly implementing this project** with **Global Green Growth Institute (GGGI)**.

- **Benefits of the Project:**

- Will demonstrate **nature-based solutions for enhancing ecosystem services**.
 - It will promote a **clean and sustainable environment** concerning land, water and air.
 - Improvement in **water quality and quantity**.

Global Green Growth Institute

- GGGI was established as an **international intergovernmental organization in 2012 at the Rio+20** United Nations Conference on Sustainable Development.
- Its vision is a low-carbon, resilient world of strong, inclusive, and sustainable growth and its mission to support Members in the transformation of their economies into a green growth economic model.
- **India is not a member country but a partner country.**
- **Headquarters:** Seoul, South Korea

Narmada River

- Narmada is the **largest west flowing river** of the peninsular region flowing through a rift valley between the **Vindhya Range** on the **north** and the **Satpura Range** on the **south**.
- It **rises from** Maikala range near Amarkantak in Madhya Pradesh.

- It **drains** a large area in **Madhya Pradesh** besides some areas in the states of **Maharashtra** and **Gujarat**.
- The river near **Jabalpur** (Madhya Pradesh) forms the **DhuanDhar** Falls.
- There are **several islands** in the estuary of the Narmada of which **Aliabet** is the largest.
- **Major Tributaries:** Hiran, Orsang, the Barna and the Kolar.
- The **major Hydro Power Projects** in the basin are **Indira Sagar, Sardar Sarovar** etc.
- **Narmada Bachao Andolan (NBA):**
 - It is an Indian **social movement spearheaded** by native tribes (adivasis), farmers, environmentalists and human rights activists **against a number of large dam projects across the Narmada River**.
 - **Sardar Sarovar Dam** in Gujarat is one of the biggest dams on the river and was one of the first focal points of the movement.



Source:PIB