



Pradhan Mantri Krishi Sinchayee Yojana

For Prelims: Pradhan Mantri Krishi Sinchayee Yojana, **Cabinet Committee on Economic Affairs (CCEA)**, [Pradhan Mantri Krishi Sinchayee Yojana-Accelerated Irrigation Benefit Programme \(PMKSY-AIBP\)](#), [Centrally Sponsored Scheme](#), Precision Irrigation System.

For Mains: Pradhan Mantri Krishi Sinchayee Yojana, Different types of irrigation and irrigation systems storage.

[Source: PIB](#)

Why in News?

Recently, the **Cabinet Committee on Economic Affairs (CCEA)** has approved the inclusion of the **Jamrani Dam Multipurpose Project in Uttarakhand** under the [Pradhan Mantri Krishi Sinchayee Yojana-Accelerated Irrigation Benefit Programme \(PMKSY-AIBP\)](#).

- The Project involves the construction of a Dam near **Jamrani village**, across the River Gola, a tributary of the River Ram Ganga. The dam will serve as a source of water for the existing Gola Barrage and is expected to **generate 14 MW of hydropower**.

What is Pradhan Mantri Krishi Sinchayee Yojana (PMKSY)?

- **About:**
 - PMKSY was launched in 2015 with the goal of enhancing access to water for farming, expanding the cultivable area under assured irrigation, improving water use efficiency, and **promoting sustainable water conservation practices**.
 - It is a [Centrally Sponsored Scheme \(Core Scheme\)](#), where Centre- States share will be 75:25 .
 - In the case of the north-eastern region and hilly states, the share will be 90:10.
 - In 2020, the Ministry of Jal Shakti launched a mobile application for [Geo-Tagging of the components of projects under PMKSY](#).

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EMPOWERING FARMERS

PRADHAN MANTRI KRISHI SINCHAYEE YOJANA



- ▶ **Convergence of investments in irrigation at the field level**
- ▶ **Expansion of cultivable area under assured irrigation**
- ▶ **Improving on-farm water use efficiency to reduce wastage of water**
- ▶ **Encouraging precision-irrigation and other water saving technologies.**
- ▶ **Around 35 Lakh hectare of land irrigated using water saving methods since 2015**
- ▶ **Total 9.38 Lakh hectare of land covered under micro irrigation methods in 2020-2021**

▪ Objectives:

- Achieve convergence of investments in irrigation at the field level (preparation of district level and, if required, sub district level water use plans).
- Enhance the **physical access of water on the farm and expand cultivable area** under assured irrigation (Har Khet ko pani).
- Integration of water source, distribution and its efficient use, to make best use of water through appropriate technologies and practices.
- Improve **on - farm water use efficiency** to reduce wastage and increase availability both in duration and extent.
- Enhance the adoption of precision - irrigation and other water saving technologies (More crop per drop).
- Enhance **recharge of aquifers and introduce sustainable water conservation** practices.
- Ensure the **integrated development of rainfed areas** using the watershed approach towards soil and water conservation, regeneration of groundwater, arresting runoff, providing livelihood options and other NRM activities.
- Promote extension activities relating to water harvesting, water management and crop

alignment for farmers and grass root level field functionaries.

- Explore the **feasibility of reusing treated municipal wastewater** for peri - urban agriculture.

▪ **Components:**

- **Accelerated Irrigation Benefit Programme (AIBP):** It was launched in 1996 with the aim of accelerating the **implementation of irrigation projects** that exceed the resource capabilities of states.
 - To date, 53 projects have been completed under PMKSY-AIBP, generating an additional irrigation potential of 25.14 lakh hectares.
- **Har Khet ko Pani (HKKP):** It aims to create **new water sources through Minor Irrigation**. Repair, restoration and renovation of water bodies, strengthening carrying capacity of traditional water sources, **constructing rain water harvesting structures**.
 - It has sub components: Command Area Development (CAD), Surface Minor Irrigation (SMI), Repair, Renovation and Restoration (RRR) of Water Bodies, Ground Water Development.
- **Watershed Development:** It is the effective management of **runoff water and improved soil & moisture conservation activities** such as ridge area treatment, drainage line 5 treatment, rain water harvesting, in - situ moisture conservation and other allied activities on watershed basis.

▪ **Formulation:** It was formulated by amalgamating following schemes:

- **Accelerated Irrigation Benefit Programme (AIBP)** - Ministry of Water Resources, River Development & Ganga Rejuvenation (now Ministry of Jal Shakti).
- **Integrated Watershed Management Programme (IWMP)** - Department of Land Resources, Ministry of Rural Development.
- **On-Farm Water Management (OFWM)** - Department of Agriculture and Cooperation (DAC).

▪ **Implementation:**

- Decentralized implementation through State Irrigation Plan and District Irrigation Plan.

What are the Other Initiatives Related to Agriculture?

- [Mission Organic Value Chain Development for North Eastern Region \(MOVCDNER\)](#)
- [National Mission on Sustainable Agriculture](#)
- [Paramparagat Krishi Vikas Yojana \(PKVY\)](#)
- [Sub-mission on AgroForestry \(SMAF\)](#)
- [Rashtriya Krishi Vikas Yojana](#)
- [AgriStack](#)
- [Digital Agriculture Mission](#)
- [Unified Farmer Service Platform \(UFSP\)](#)
- [National e-Governance Plan in Agriculture \(NeGP-A\)](#)