

## Pradhan Mantri Krishi Sinchayee Yojana (PMKSY)

*Prelims: Current events of national and international importance | Government policies and Interventions*

### Why in News?

Recently, [World Day to Combat Desertification and Drought](#) were celebrated across 813 project areas under WDC-PMKSY 2.0, highlighting nationwide efforts in sustainable watershed development.

- **Aim** - To enhance farm-level water efficiency through **micro-irrigation (drip and sprinkler systems)**.
- Supported by micro-storage, conservation, and management activities to supplement water sources and strengthen irrigation sustainability.
- **Type** - **Centrally Sponsored Scheme** (Cost is split between the Centre and states, Centre sponsors 100% of funding for Union Territories).
- **Nodal Ministry** - Ministry of Agriculture & Farmers Welfare, however it is an umbrella scheme involving other ministries. (Ministry of Jal Shakti and Ministry of Rural Development).
- **Implementing Agency** - State Agriculture Department.
- **Launched in** - July 2015.

### Key Features

- **Efficiency** - Expand micro-irrigation (drip/sprinkler) to save water and boost crop yield with optimal water usage.
- **Coverage** - Promote micro-irrigation technologies in water-intensive/consuming crops (sugarcane, banana, cotton) and extend to field crops and use them to promote fertigation.

*Fertigation is the agricultural practice of injecting water-soluble fertilizers and nutrients directly into an irrigation system*

- **Water-scarce Areas** - Link tube-well / river-lift irrigation projects with micro irrigation technologies for the best use of energy both for lifting and

pressurized irrigation

- **Integration** - Converge with schemes, solar energy, modern tech for their potential use.
- **Protective irrigation** - Harnessing rainwater at the micro level through Jal Sanchay and Jal Sinchan.

*Jal Sanchay (Water Conservation) and Jal Sinchan (Irrigation) are two complementary pillars of water management in India.*

#### **4 components of PMKSY**

- **Accelerated Irrigation Benefit Programme (AIBP)** - Speed up completion of delayed major/medium irrigation projects to expand irrigation potential.
- **Har Khet Ko Pani (HKKP)** - Ensure assured irrigation by creating new sources, repairing/restoring water bodies, and groundwater development.
  - **Command Area Development & Water Management (CADWM)** - Improve command area development and water management.
  - **Surface Minor Irrigation (SMI)** - Promote surface minor irrigation.
  - **Repair, Renovation and Restoration of water bodies (RRR)** - Repair, renovate, and restore water bodies.
- **Per Drop More Crop (PDMC)** - Focus on micro-irrigation (drip/sprinkler), micro-storage, efficient conveyance, and precision irrigation for water use efficiency.
- **Watershed Development** - Promote sustainable water conservation, rainwater harvesting, groundwater recharge, and soil conservation to boost productivity in rainfed areas.

#### **Watershed Development Component (WDC)-PMKSY 2.0**

- To promote soil and water conservation, restore degraded lands, and enhance the resilience of rainfed agriculture through sustainable watershed development interventions.

#### **References**

1. [PIB | PMKSY](#)
2. [Myscheme | PMKSY](#)



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