MIS on Pradhan Mantri Krishi Sinchayee Yojana



Status of MIS

List of sites having MIS

Component	Website URL	Functional	Database(Static(S)/Dynamic(D))
IWMP (Watershed)	http://iwmpmis.nic.in/	Yes	D
MGNREGS	http://164.100.129.6/ne tnrega/MISreport4.aspx ?fin_year=2013- 2014&rpt=RP	Yes	D
CADWM		Yes but not updated	D

List of sites not having MIS

Component	Website URL		Database(Static(S)/Dynamic(D))
AIBP		No	-
OFWM/MI(GGRC)		Under Progress	-

DoLR

- Watershed Development Programme has a functional MIS (http://iwmpmis.nic.in/). However, structural modification needs to be carried out in order to report on Irrigation Potential created by Watershed Intervention.
- Watershed programme also has one platform by which intervention could be viewed through satellite imagery. The same can be used for Geo-Tagging of other interventions for addressing irrigation gaps at District/State Level.

MoWR

Under the INDIA WRIS (Water Resource Information system) initiative as part of NRSC, various
layers have been identified for creation of spatial Database including watershed maps which include:

- O Major & Medium
- Hydroelectric projects
- Multipurpose projects
- Major and medium Irrigation project command boundaries
- Water logging and salt affected areas in major
- Medium projects
- Soil samples for major
- Medium irrigation projects
- O Canal network
- Flood inundation maps
- Orought Prone Area Maps
- Inter-basin transfer Links (As per NWDA Proposal)

They have also attempted to Geo-Tag water bodies 20hectare & above through mobile based android application. If the performance of this application is good in the field the same can be used by adding one more layer of attributes to collect spatial data for water structures below 20 ha by Central Water Commission.

MOWR-CADWM & AIBP

There is a functional MIS existing for CADWM component. However, it needs to be active and updated. Similarly, structural adjustment needs to be carried out in order to derive information for irrigation potential as well as to obtain District level information as presently the information is project based in each state.

As far as AIBP is concerned, there is no MIS for this component therefore, NIC has been requested to create one.

MGNREGA, MI, RFS

- There is a functional MIS existing for MGNREGA component. Structural adjustment needs to be carried out in order to derive information for irrigation potential on District level.
- For MI is concerned there is no functional MIS as on date and for MI component GGRC is developing a separate MIS which will be hosted as sub domain of PMKSY. In their case the activities are classified under DPAP & Non-DPAP district head and the same has been accommodated in One Touch Format. However, the structural adjustments as needed for one touch also needs to be done at their end.
- As far as RFS is concerned the functional MIS is under development.

Scope /Objective/ Purpose of One Touch MIS on PMKSY

- Synergised one source information.
- Comprehensive irrigation plan is visible on one platform.
- Decision, Monitoring and Governance tool.
- Redundancy and duplicity can be handled efficiently.

Common format for one touch information on PMKSY Scheme / Activity wise Annual Progress Reporting Physical Physical progress Financial plan **Financial Progress** plan Targ Achieve Targ et Estima Appro Expendi Concern et ment up Achieve for ted ved ture up No of Expendi ed ture Till ment Till cost as Cost as DIP curre to S,N as Sta Ministry Activity previous Date per Previous per nt FY date Appro per te DIP AAP Year DIP Year ved as Depart per ment AAP Amount in Rs. Unit Imigation Potential Major created MOWR Imigation (Ha) Inigation Potential Medium created 2 MOWR Imigation (Ha) Imigation Surface Potential created Minor MOWR Imigation (Ha)

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4		MOWR	Lift Inigation	Inigation Potential created (Ha)& Nos.				
5		MOWR	Ground Water Developm ent	Imigation Potential created (Ha)& Nos.				
6		MOWR	RRR of Water Bodies	Capacity(c um), Imigation Potential created (Ha)& Nos.				
7		MOWR	Constructi on of Field Channels - Lined	Inigation Potential Utilised (Ha)				
8		MOWR	Constructi on of field Channels -Unlined	Imigation Potential Utilised (Ha)				
9		MOWR	Demonstr ation of Micro- Inigation	Imigation Potential created (Ha)& Nos.				

Drought Proofing through Check Dams/Wat er Harvestin DAC- RFS Structures Secondary DAC- Storage RFS Structures On Farm Developm ent (distributi on pipe / raised bed and furrow Drought Proofing (cum), Imigation Potential created (Ha)& Nos. Capacity (cum), Imigation Potential created (Ha) & Nos. Imigation Potential created (Ha) & Nos. Imigation Developm ent (distributi on pipe / raised bed and Potential Utilised /	10		DAC- RFS	Topping up of MGNRE GA	Imigation potential created/uti lised &Nos.				
Capacity (cum), Imigation Potential created (Ha)& RFS Structures Nos. On Fam Developm ent (distributi on pipe / raised bed and Potential furrow Utilised /			1	Proofing through check Dams/Wat er Harvestin g	(cum), Imigation Potential created (Ha)&				
Developm ent (distributi on pipe / raised bed Imigation and Potential furrow Utilised /			DAC-	Secondary Storage	Capacity (cum), Imigation Potential created (Ha)&				
DAC- system Treated RFS etc.) area			DAC-	On Farm Developm ent (distributi on pipe / raised bed and furrow system	Imigation Potential Utilised / Treated				

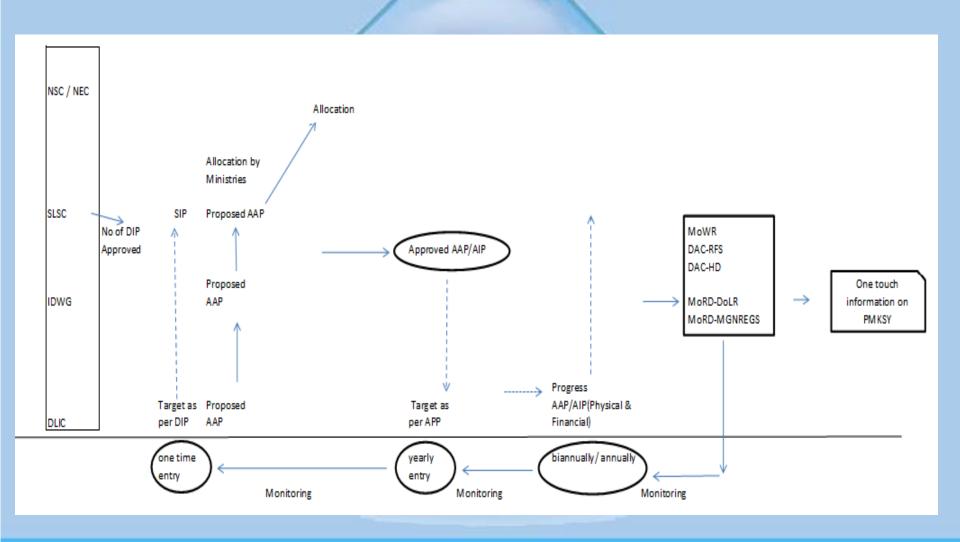
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		DPAP	Area in Hectare							
14	DAC-M	I	(Ha)							
			Area in							
		DPAP	Hectare							
15	DAC-M	I Sprinkler	(Ha)							
		Non-	Area in							
		DPAP	Hectare							
16	DAC-M	I Drip	(Ha)							
		Non-	Area in							
		DPAP	Hectare							
17	DAC-M	I Sprinkler	(Ha)							
	DoLR-									
18	MoRD	Newly cre	ated WHS							
			Capacity							
			(cum), Command							
			area							
18.	DoLR-	Farm	created							
1	MoRD	Ponds	and No.s							
			Command							
18.	DoLR-	Check	Area and							
2	MoRD	Dams	Nos.							
10	D-IB	37-11-1	Command Area and							
18.	DoLR- MoRD	Nallah Bunds	Nos.							
	330102	Duilus	Capacity							\vdash
			(cum),							
			Irrigation							
18.	DoLR-	Percolatio	Potential							
4	MoRD	n Tanks	created							

			Ha) & os.				
18.	DoLR- MoRD	Ground Water Recharge Structure N	No(s)				
19	DoLR- MoRD	Renovated V	VHS				
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19.	DoLR- MoRD	Check Po	rigation otential reated Ha) & os.				
19.	DoLR- MoRD	Irr Po Cr Nallah (H	rigation otential reated Ha) & os.				
19.	DoLR- MoRD	Percolatio (co	Capacity cum), rigation otential reated Ha) &				

		Nos.
19.	Ground Water DoLR- Recharge MoRD Structure	No(s)
20	Water Harvestin g Structure under Entry DoLR- MoRD Activity	Capacity (cum), Irrigation Potential created (Ha) & Nos.
21	DoLR- Fishery MoRD ponds	Capacity (cum), Irrigation Potential created (Ha) & Nos.
22	Water Conservat ion MoRD Structures	Capacity (cum), Irrigation Potential created (Ha) & Nos.
24	Repair/ Renovatio DoRD- MoRD Water	Capacity (cum), Irrigation Potential

1 1			I	Capacity	ī	l	I	I	I	<u> </u>	I
				(cum),							
				Irrigation							
				Potential							
				created							
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25		MoRD	of Tanks	Nos.							
23		**********	OI Taliks	Irrigation							
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				Created							
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26		MoRD	of Canals	Nos.							
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				Potential							
				Utilised							
		DoRD-	Diversion	/created							
27		MoRD	Drains	(Ha)							
		***************************************	Any other								
			work on								
			supplement								
		DoRD-	ary	unit as							
28		MoRD	Irrigation	applicable							
			Work/Acti								
			vities								
			undertaken								
			by State in								
			the sector								
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		State	A.								
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29		ion	D	applicable							

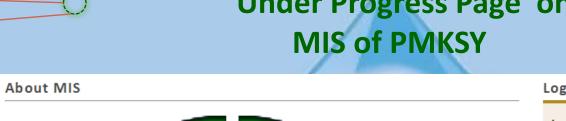
Operational Framework of MIS

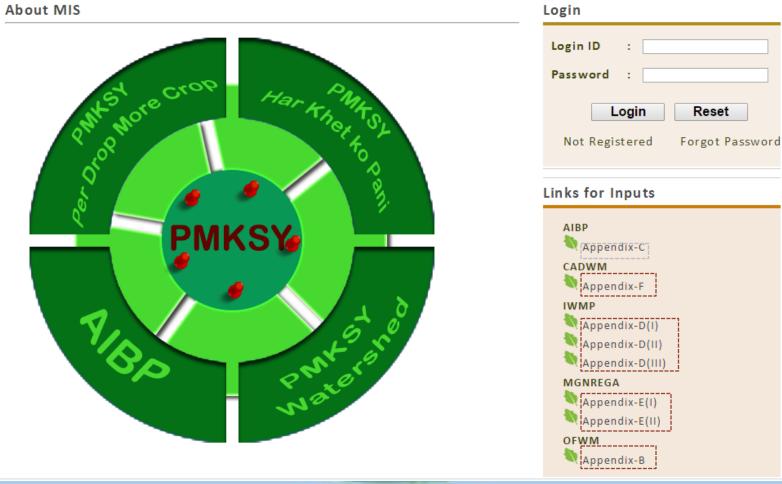


"Seamless Integration through web service or sharing of links"

• All the concerned Ministries/Departments may need to modify their respective MIS as per the requirement of One Touch format.







Progress on PMKSY MIS

- A static website on PMKSY has been created and the same was launched on 13th August, 2015, < <u>pmksy.gov.in</u>> and <<u>pmksy.dac.gov.in</u>>.
- Two inter-ministerial consultation meeting has been held to finalize the format of one touch information on 17th September 2015 and 1st October 2015.
- All the concerned Ministries/Departments have been asked to provide the name of the activities under their component along with the units within 7 working days as decided in the meeting held on 1st October 2015, for finalizing the format.