

No. M-26014/30/2024-PME
Government of India
Ministry of Rural Development
Department of Land Resources
Programme Monitoring & Evaluation Division

Block No-11, 6th Floor,
CGO Complex, Lodhi Road, New Delhi
Dated: 15.07.2024

To,

Mrs. Omlata,
Scientist 'D' / Joint Director (IT),
Land Resource Informatics System-II,
National Informatics Centre
Ministry of Communications & Information Technology
Government of India

Subject: To develop the "online data entry module / mobile application" for data entry by the evaluating agency

Madam,

As you are aware, WDC-PMKSY has been approved by the Government of India on 15.12.2021 a 'WDC-PMKSY 2.0' for the project period of 2021-2026. WDC-PMKSY 2.0 is at its mid-point period of implementation. Hence the mid-term evaluation of these projects is proposed to be carried out by the States/UTs to obtain feedback on the initial impacts of the programme and the bottlenecks, if any in the process of its implementation.

In this connection, all States SLNAs have been directed to undertake the mid-term evaluation of WDC-PMKSY 2.0 projects as per guidelines issued to them. A list of indicators is given in Annexure-I (copy attached). These indicators need to be incorporated into an online data entry module/mobile application to be developed by DOLR for data entry by the evaluating agency for each of the project evaluated and to be submitted on the online module/portal to DOLR.

In view of the above, NIC team is requested to develop an "online module/portal" for data entry by the evaluating agency for each of the project to be evaluated and to be submitted on the online module/portal to DOLR.

(Ravi Garg)
US(PME)

15/7/24
(रवि गर्ग/RAVI GARG)
अवर सचिव/Under Secretary
भारत सरकार/Government of India
भूमि संसाधन विभाग/D/o Land Resources
ग्रामीण विकास मंत्रालय/Min. of Rural Dev.
नई दिल्ली/New Delhi

Final Guidelines for undertaking Mid-Term Evaluation of WDC-PMKSY 2.0 projects by States/UTs

1. Objectives of Proposed Mid-Term Evaluation

1.1. The continuation of WDC-PMKSY has been approved by the Government of India on 15.12.2021 as 'WDC-PMKSY 2.0' for the project period of 2021-2026 with a physical target of 49.50 lakh ha and indicative Central financial outlay of Rs. 8,134 crore. The unit cost of projects has been revised upward from Rs 12,000/ha to Rs 22,000/ha for plain areas, and Rs 28,000/ha for the difficult areas and upto 28000/ha difficult/LWE areas. The States/UTs have been asked to use GIS and Remote Sensing techniques for better planning of projects. The States/UTs have also been suggested to map activities from other sectors which could be taken up within the project areas for better convergence in a saturation mode. The project period has been reduced from existing 4 - 7 years to 3 - 5 years. On the recommendations of NITI Aayog, the rejuvenation of the Springs has been incorporated as a new activity in the WDC-PMKSY 2.0 within the approved cost. At present, a total of 1150 projects covering an area of 50.55 lakh ha with central share cost of Rs.8073.55 cr. have been sanctioned in all 28 States and UTs of Jammu & Kashmir and Ladakh.

1.2. WDC-PMKSY 2.0 is at its mid-point period of implementation. Hence the mid-term evaluation of these projects is proposed to be carried out to obtain feedback on the initial impacts of the programme and the bottlenecks faced if any in the process of its implementation. This mid-term evaluation would enable a pathway analysis at the mid-course providing for improvement in the next course. The M&E system on the whole is designed as a learning mechanism with corrective options both at the project & policy level. The proposed mid-term evaluation is a part of this overall strategy with following focus area.

i) Help in deriving strategic lessons for mid course correction, if any, in the approach and designs of the project and its implementation, and assess whether the vision of economy, equity and ecology is being realized at ground level. The findings should help effecting necessary changes in implementation strategy and reorient the focus on different components of the project development plans if required.

ii) To identify process gaps and assess performance and quality of outcomes. The evaluation will be on the physical, technical, and financial aspects of the project.

iii) Learning related to institutions, technology, processes, resource allocation and impacts, besides other aspects of implementation can feed as valuable inputs for effecting necessary modifications and designing of the course of implementation.

2. Methodology

2.1. Mid-term evaluation will employ mixed method approach, combining quantitative and qualitative data collection methods. The evaluation team will ensure the participation of diverse

stakeholders and adopt participatory approaches to data collection and analysis. It may include the following components.

- Document review
- Key information interviews
- Focus group discussions (*may use also– Participatory rural appraisal (PRA), Participatory Learning & Action (PLA)*)
- Surveys/ questionnaires
- Field Assessment and Observations

2.2. Sample size & area coverage

- i. Impact study will be confined to the WDC-PMKSY 2.0 projects implemented with the support of the DoLR funds.
- ii. The study will cover 100% of the WDC-PMKSY2.0 projects sanctioned in all 28 States and UTs of Jammu & Kashmir and Ladakh However, in each project evaluation of all the activities required to be carried out in the 3 micro watersheds covering all three reaches i.e. upper reaches, middle reaches and lower reaches (*all micro watersheds shall be covered where some of the projects cover only 1(one) or 2(two) micro watersheds*).
- iii. The study will cover 30% of households from the selected micro watershed for evaluation.
- iv. In addition to the above about 10% of the total households in three (3) control adjoining villages outside in each project with similar topography & socioeconomic features. This would facilitate a comparative analysis of with & without project scenarios. The control villages are one each from the upper, middle and lower reaches.

2.3. Time Duration of the Project - The project is to be completed within **5 months**, however, the entire exercise should be completed by November 2024.

3. Indicators for Mid-term evaluation

A list of indicators is given in **Annexure-I**. These will be incorporated into an online data entry module / mobile application to be developed by DOLR for data entry by the evaluating agency for each of the project evaluated and to be submitted on the online module/portal to DOLR. Over and above the given list of indicators, States/UTs may incorporate other parameters as per their specific requirements (*for ex., Case studies, Sustainable Livelihood for continuous income generating activities (IGA) may be included*).

4. Evaluation Agency

The States/UTs may engage a reputed agency for undertaking the evaluation and ensure the completion of work and submission of data within the stipulated timeline.

Mid Term Evaluation of WDC-PMKSY 2.0 by States

A. Project Profile

1.	Name of the State	
2.	Name of the District	
3.	Name of the Block	
4.	Project Name	
5.	Total Sanctioned Cost of the Project (Rs. Crores)	
6.	Central Share (Rs. Crores)	
7.	State Share (Rs. Crores)	
8.	Total Sanctioned Project Area (Ha.)	
9.	Number of Villages Covered	
10.	Number of Watershed Committees	
11.	Number of Members in Watershed Committees	
12.	Number of Households covered in the project area	

B. Indicators for Evaluation

S. No.	Indicator		Remarks
1.	Administrative Mechanisms		
a	Whether DPR approved by SLNA		
b	Whether all manpower positions in place at		
i.	WCDC Level		
ii.	PIA Level		
iii.	Watershed Committee Level		

S. No.	Indicator	Pre-Project Status (aggregate)	Mid-Project Status (aggregate)	Remarks
2.	Funds Utilization			
a.	Amount of sanctioned Central share received (Rs. Crores)			
b.	Amount of sanctioned State Share received (Rs. Crores)			
c.	Amount of total funds (central+state share) Utilized (Rs. Crores)			
d.	Total funds planned through convergence in the project area (Rs. Crores)			
e.	Total expenditure incurred through convergence (Rs. Crores)			
3.	Gross Cropped Area (Ha.)			This represents the total area sown once and/or more than once in a particular year, i.e. the area is counted as many times as there are sowings in year.
a.	Area under kharif crop (Ha.)			
b.	Area under rabi crop (Ha.)			
c.	Area under Third crops (Ha.)			
4.	Area under different Crops (Ha.)			
a.	Cereals			
b.	Pulses			
c.	Oil seed			

d.	Millets			
e.	Others (Specify name of the crop)			
5.	Area of horticulture crop (Ha.)			
6.	Net Sown Area (Ha.)			This represents the total area sown with crops and orchards. Area sowed more than once in the same year is counted only once.
7.	Cropping Intensity (%)			Ratio of Gross Cropped Area to Net Sown Area in %
8.	Area covered under diversified crops/ change in cropping systems (Ha.)			This will capture the change in one pattern of crop to another pattern resulting in addition of new crops
9.	Area brought from Nil / Single crop to double or more crop (Ha.)			
a.	Nil to single crop (Ha.)			
b.	Single to double or more crop (Ha.)			
10.	Area under plantation cover (Ha.)			
11.	Yield per hectare of major crops (Q.t./Ha.)			Average yields per hectare of principal crops have been obtained by dividing the total production by the corresponding total area under each crop.
a.	Rice			
b.	Wheat			

c.	Pulses			
d.	Millets			
e.	Oil Seeds			
f.	Others (Specify name of the crop)			
12.	Area of culturable wasteland (Ha.)			This includes land available for cultivation, whether taken up or not taken up for cultivation once, but not cultivated during the last five years or more in succession including the current year for some reason or the other. Such land may be either fallow or covered with shrubs and jungles, which are not put to any use.
13.	Number of Water Harvesting Structures (WHS) constructed /rejuvenated			
14.	Area Covered with soil and Moisture conservation activities (Ha.)			
15.	Area under protective Irrigation (Ha.)			Protective irrigation acts as a supplementary source of water over and above rainfall
16.	Area of degraded land covered /rainfed area developed(Ha.)			Degraded land represent the land with low productivity; rainfed area is the one where source of irrigation is rainfall;

17.	Farmers' Average Household Income per Annum (Rs. In Lakhs)			From interventions under WDC-PMKSY 2.0
18.	Number of Farmers Benefited			From interventions under WDC-PMKSY 2.0
19.	No. of Persondays Generated (man-days)			
20.	Average depth of water table in dug wells (mts.)-Summer Season			Standard methods of measuring depth of water table may be used
21.	Average depth of water table in tube wells (mts.) - Summer Season			Standard methods of measuring depth of water table may be used
22.	Milk Production of Milch Cattle (Kl/yr.)			
23.	Fodder Production(Qt./Yr)			
24.	Annual Migration from rural to urban area in project area (Nos.)			
25.	No. of springs rejuvenated (if applicable)			
26.	No. of persons benefitted due to rejuvenation of springs			
27.	No. of Community Based Organization			
a.	SHG			
b.	FPO			
c.	UG			
28.	No. of Members in Community Based Organization			
a.	SHG			
b.	FPO			

c.	UG		
29.	Average Annual Turnover of FPOs		
30.	Average annual net income of an FPO Member		
31.	Average annual net income of an SHG Member		
32.	Ecological Perspective		
a.	Is there a system of auditing of status of natural resources at intervals (Yes/No)		
b.	Whether Gram Panchayats (GPs) and UGs enforcing the norms relating to sharing of usufructs rights (Yes/No)		
c.	Whether all members of GPs and UGs trained to maintain and monitor all the natural resources and assets created (Yes/No)		
33.	Equity Aspect		
a.	Whether landless poor and women find a place in watershed units like watershed committees (Yes/No)		
b.	Whether landless poor and women are active member of FPO, SHG, Village Level Institutions (VLIs) and various UGs (Yes/No)		
c.	Whether landless and asset-less poor benefited from activities that promote alternate livelihood options (Yes/No)		
34.	Execution of Planned Works against Targets		
a.	Total Number of Work IDs created		
b.	Total number of Works completed		
c.	Total number of Works ongoing		
35.	Quality of Project Shape Files		
a.	Area of Shape File (Ha.)		

b.	Variation of area under shape file as compared to sanctioned project area (Ha.)		(Shapefile Area – Sanctioned Area)
36.	Status of Geo-tagging of works		
a.	Number of total works geo-tagged		
37.	Period of Evaluation		
	Month		
	Year		