

**GOVERNMENT OF INDIA
MINISTRY OF RURAL DEVELOPMENT
DEPARTMENT OF LAND RESOURCES**

**LOK SABHA
UNSTARRED QUESTION No.2543
TO BE ANSWERED ON 04.08.2026**

Initiative to Generate Sustainable Rural Employment

2543. Shri Dharambir Singh:

Will the Minister of **RURAL DEVELOPMENT** be pleased to state:

- (a) whether the Government has undertaken any initiative to generate sustainable rural employment through watershed development, afforestation, soil conservation and restoration of common lands, if so, the details thereof;
- (b) whether scientific planning and satellite-based monitoring have been integrated for implementation of such projects, if so, the details thereof;
- (c) the measures taken to improve long-term livelihood opportunities through natural resource management initiatives; and
- (d) whether such projects are proposed to be undertaken in the Bhiwani–Mahendragarh Lok Sabha Constituencies, if so, the details thereof?

ANSWER

**MINISTER OF STATE IN THE MINISTRY OF RURAL DEVELOPMENT
(Dr. CHANDRA SEKHAR PEMMASANI)**

(a) to (c) : Watershed Management (WM) Division of Department of Land Resources is implementing Watershed Development Component of Pradhan Mantri Krishi Sinchayee Yojana (WDC-PMKSY). The activities undertaken, *inter alia*, include ridge area treatment, drainage line treatment, soil and moisture conservation, rainwater harvesting, nursery raising, pasture development, livelihoods for asset-less persons etc.

Under WDC-PMKSY- 1.0 (for the period 2009-22), DoLR supported implementation of 6382 projects. The State-wise details of projects funded by DoLR, projects completed and Central share released are given at **Annexure-I**. Through the implementation of these projects, significant progress has been registered. 7.65 lakh water harvesting structures have been created / rejuvenated, 16.41 lakh ha additional area has been brought under protective irrigation and 36.34 lakh farmers benefited. In addition to this, 1.63 lakh ha have been brought under plantation (Afforestation / Horticulture etc.) and 388.66 lakh mandays have been generated. The State-wise details of physical achievements under WDC-PMKSY-1.0 are given at **Annexure II**. The third party end-line evaluation reports of the completed WDC-PMKSY projects have revealed significant improvement in ground water table, increase in productivity, vegetative cover, enhanced livelihood opportunities and household incomes in watershed project areas.

The continuation of WDC-PMKSY has been approved by the Government of India on 15.12.2021 as 'WDC-PMKSY 2.0' for the period of 2021-2026 with total outlay of Rs.12404 crore (Central share: Rs. 8134 crore). Under WDC-PMKSY 2.0, Department has sanctioned 1,220 watershed projects covering 52.93 Lakh hectares in 28 States and the UTs of Jammu & Kashmir and Ladakh, including Haryana. The State-wise details of projects sanctioned, area covered, project cost and Central share released under WDC-PMKSY-2.0 are at **Annexure III**.

The physical achievements made under WDC-PMKSY 2.0, from 2022-23 to 2025-26 include, 1.15 lakh WHS (like check dams, anicuts, farm ponds, percolation tanks, trenches etc.) have been created / rejuvenated, 2.69 lakh ha have been brought under protective irrigation, 23.29 lakh farmers benefitted and 266.05 lakh man days have been generated. The State-wise details of physical achievements under WDC-PMKSY-2.0 are given at **Annexure IV**.

Under the Watershed Development Component of the Pradhan Mantri Krishi Sinchayee Yojana (WDC-PMKSY), several measures have been undertaken to improve long-term livelihood opportunities through the restoration and sustainable management of natural resources. These include soil and water conservation, groundwater recharge, afforestation, pasture and degraded land development, improved production systems and creation of water-harvesting structures. The programme enhances soil moisture, promotes groundwater recharge, and expands protective irrigation, thereby supporting climate-resilient agriculture, sustainable agricultural practices, crop diversification, integrated farming systems, and efficient water use to improve farm productivity. It also promotes livelihood diversification through support for livestock, horticulture, fisheries, agroforestry and income-generating activities for landless and vulnerable households. In addition, the programme strengthens community institutions through capacity-building initiatives and convergence with other rural development programmes for the creation of sustainable livelihood assets. These interventions collectively enhance water availability, improve agricultural productivity, increase cropping intensity from nil to single crop/single crop to multiple crops and generate sustainable employment and long term livelihood opportunities in rural areas.

Implementation of Watershed Development Component (WDC) projects are based on scientific planning to ensure that interventions are technically sound, location-specific, and sustainable. Effective use of GIS, remote sensing, and Digital Elevation Models (DEMs), and assessment of topography, soils, drainage, land use, rainfall, groundwater, and socio-economic conditions is made while preparing DPRs. The treatments are planned on a ridge-to-valley approach, with appropriate soil and water conservation measures selected according to land capability, hydrology, and erosion risk. A geo-spatial portal SRISHTI has been developed in the year 2015 with the assistance of National Remote Sensing Centre (NRSC) for monitoring the progress of the projects. Geo-coded and time-stamped photographs on near real-time basis are uploaded on SRISHTI portal using a mobile application DRISHTI, specifically developed for the purpose. So far, about 23 lakh works are geo-tagged (about 16 lakh works under WDC-PMKSY 1.0 and about 7 lakh works under WDC-PMKSY 2.0).

(d) : Under WDC-PMKSY 2.0, 9 watershed project have been sanctioned in Haryana, which include 5 projects sanctioned in Bhiwani-Mahendragarh Lok Sabha constituency. The details of projects sanctioned in Bhiwani-Mahendragarh Lok Sabha constituency are given at **Annexure-V**. The physical achievements under WDC-PMKSY 2.0 in Haryana from 2022-23 to 2025-26 are 625 number of Water Harvesting Structures (WHS) have been created / rejuvenated, 168 ha have been brought under protective irrigation, 7170 number of farmers benefitted, 167.45 ha area brought under plantation and 56368 man days of employment generated.

Annexure in reply to part (a) to (c) of Lok Sabha Unstarred Question No. 2543 for 04.8.2026**State-wise details of Projects funded, Projects completed and Central share released under WDC-PMKSY 1.0**

	State	Projects funded by DoLR	Projects completed	Total Central share released (Rs. in crore)
1	Maharashtra	1024	1024	2516.95
2	Rajasthan	820	818	2984.59
3	Gujarat	489	489	1366.57
4	Madhya Pradesh	446	446	1716.05
5	Karnataka	429	429	1900.86
6	Andhra Pradesh	373	371	1178.91
7	Assam	280	280	672.37
8	Telangana	276	274	684.14
9	Tamil Nadu	270	270	924.94
10	Uttar Pradesh	249	249	808.49
11	Odisha	234	234	1089.17
12	Chhattisgarh	208	208	354.95
13	Jharkhand	143	143	270.21
14	Himachal Pradesh	131	131	350.45
15	West Bengal	119	119	271.02
16	J&K^	119	119	322.03
17	Arunachal Pradesh	114	114	305.84
18	Nagaland	111	111	640.38
19	Haryana	75	75	119.51
20	Kerala	69	69	158.07
21	Bihar	64	64	239.67
22	Uttarakhand	62	62	131.08
23	Manipur	61	61	150.56
24	Meghalaya	61	61	174.22
25	Tripura	56	56	222.7
26	Mizoram	49	49	282.16
27	Punjab	33	33	60.42
28	Ladakh	11	11	6.15
29	Sikkim	6	6	24.21
	Total	6382	6376	19926.67

- Note: (i). Sanctioned under the erstwhile Integrated Watershed Management Programme (IWMP), which has been amalgamated as the Watershed Development Component (WDC) of the Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) with effect from 2015-16.
- (ii). Central share released relating to UT of Jammu & Kashmir are composite figures for the UTs of Jammu & Kashmir and Ladakh upto 2019-20.
- (iii). No sanctioned project in Goa.

Annexure in reply to part (a) to (c) of Lok Sabha Unstarred Question No. 2543 for 04.08.2026

State-wise details of physical progress reported under WDC-PMKSY 1.0

Sr. No.	State / UT	2014-15 to 2021-22			2018-19 to 2021-22: Indicators given by NITI Aayog		
		WHS created / Rejuvenated (in Nos.)	Additional area brought under irrigation (Ha)	Farmers benefitted (in Nos.)	Area brought under plantation (Horti. Afforestation) in Ha	Area of culturable wasteland treated in completed project (in Ha)	Employment generated (No. of man-days)
1	Andhra Pradesh	196084	305723.00	285771	655.00	9835.00	932934
2	Arunachal Pradesh	777	5126.69	27075	5295.76	64.97	720575
3	Assam	8272	127944.39	294351	2400.44	11104.96	3149297
4	Bihar	7030	26324.37	81873	159.50	3659.36	396070
5	Chhattisgarh	10458	31243.19	58412	976.67	1041.21	2274110
6	Gujarat	47736	51648.97	92459	10085.10	6065.02	111582
7	Haryana	4104	47149.00	37406	435.00	10.00	61246
8	Himachal Pradesh	11035	12917.02	72736	614.27	0.00	753658
9	Jharkhand	4690	5233.10	115136	4.00	26954.18	626415
10	Karnataka	30691	77878.68	199796	58159.48	16880.00	6341454
11	Kerala	34871	36524.33	225848	2509.72	426.29	559260
12	Madhya Pradesh	38317	171984.05	191894	25.70	6735.83	8201286
13	Maharashtra	16045	139546.18	198545	1831.66	11216.34	327696
14	Manipur	11820	3366.55	168063	1841.49	11681.20	447495
15	Meghalaya	2617	4079.07	16223	3098.97	2.24	270760
16	Mizoram	10547	51164.18	60471	3034.68	1759.22	18463
17	Nagaland	3691	4665.50	16388	43178.65	4665.59	725805
18	Odisha	27168	57334.48	101914	528.90	8351.25	1906585
19	Punjab	672	7196.80	9162	0.00	4468.00	130381
20	Rajasthan	152500	101190.00	355211	8098.00	134970.00	1988656
21	Sikkim	169	32.75	1005	123.00	0.00	13524
22	Tamil Nadu	51661	140838.54	286591	12958.57	30744.19	3397556
23	Telangana	23801	63274.00	83593	0.00	4486.00	108834
24	Tripura	3866	6148.66	14217	1288.62	2540.51	774137
25	Uttar Pradesh	22696	109480.00	314110	940.68	25732.00	1085829
26	Uttarakhand	17570	2356.87	54281	74.09	0.00	264370
27	West Bengal	15943	18634.41	82423	2982.00	10854.00	2361517
28	UT of J&K^	9816	31757.18	187244	1375.67	2211.39	909008
29	UT of Ladakh	39	192.60	1822	12.02	16.00	7920
	Total	764686	1640954.56	3634020	162687.64	336474.75	38866423

Annexure in reply to part (a) to (c) of Lok Sabha Unstarred Question No. 2543 for 04.8.2026**State/UT-wise details projects sanctioned, area covered, total project cost and Central share funds released under WDC-PMKSY 2.0****(Area in Lakh ha, Rs. in crore)**

S. No.	States /UTs	No. of projects sanctioned	Area covered	Total project cost	Central share in total project cost	Central share funds released (29.07.2026)
1	Andhra Pradesh	59	2.444	555.31	333.19	283.34
2	Arunachal Pradesh	68	1.509	422.56	380.31	358.48
3	Assam	38	1.642	371.36	334.23	270.64
4	Bihar	35	1.716	440.97	264.58	176.02
5	Chhattisgarh	45	2.505	613.66	368.20	245.64
6	Goa	5	0.200	55.96	33.57	14.45
7	Gujarat	51	2.924	687.81	412.68	314.38
8	Haryana	9	0.312	80.59	48.36	21.13
9	Himachal Pradesh	35	0.670	187.24	168.51	122.10
10	Jharkhand	30	1.480	393.53	236.12	157.55
11	Karnataka	78	3.290	769.67	461.80	449.96
12	Kerala	6	0.262	73.26	43.95	35.64
13	Madhya Pradesh	91	5.488	1207.35	724.41	607.06
14	Maharashtra	140	5.260	1251.14	750.68	628.35
15	Manipur	13	0.587	164.33	147.90	64.17
16	Meghalaya	32	0.627	175.64	158.08	154.44
17	Mizoram	20	0.496	138.88	124.99	127.39
18	Nagaland	14	0.522	140.06	126.05	121.30
19	Odisha	60	3.235	842.06	505.24	435.30
20	Punjab	7	0.289	80.83	48.50	21.98
21	Rajasthan	159	8.053	1990.36	1194.22	931.82
22	Sikkim	9	0.304	84.98	76.49	56.56
23	Tamil Nadu	34	1.662	368.66	221.20	203.55
24	Telangana	35	1.467	368.07	220.84	170.70
25	Tripura	19	0.320	89.60	80.64	80.17
26	Uttar Pradesh	56	2.640	580.67	348.39	186.72
27	Uttarakhand	15	0.845	232.26	209.03	112.60
28	West Bengal	27	1.292	350.60	210.36	167.96
29	Jammu & Kashmir	19	0.695	194.58	194.58	137.01
30	Ladakh	11	0.217	60.86	60.86	37.66
	Total	1220	52.953	12972.85	8487.96	6694.07

Annexure in reply to part (a) to (c) of Lok Sabha Unstarred Question No. 2543 for 04.8.2026

State-wise details of physical achievements reported under WDC-PMKSY 2.0 from 2022-23 to 2025-26

S. No.	State Name	Area covered with soil and moisture conservation activities	Area brought under plantation (Afforestation/Horticulture)	No. of water harvesting structure created/renovated	No. of farmers benefitted	Area brought under protective irrigation (created/renovated)	No. of man-days generated	Additional area brought under diversified crops/change in cropping system	Area brought from no crop/single crop to single/multiple crop	Increase in cropped area
1	Andhra Pradesh	1062.4	3079.59	13504	36373	29251.08	583,681	13055.7433	9,680.95	14045.878
2	Arunachal Pradesh	2721.8	8106.11	243	16945	1059.91	2,067,223	1415	902	18093.75
3	Assam	14648.54	1212.63	1083	169679	12679.58	2,623,126	4091.391	10,526.73	12720.7675
4	Bihar	37.24	1196.18	2179	69062	8008.63	216693	4275.05	7,633.75	7397.18
5	Chhattisgarh	371.11	596.17	2385	31783	1008.64	569845	514.71	621.974	1392.342
6	Goa	147.51	506.49	0	1480	0	21372	1	13.6	0
7	Gujarat	17638.03	2925.25	10787	54665	541.25	431426	8626.5408	6,361.98	12700.0218
8	Haryana	1123.52	167.45	625	7170	168	56368	202	176	134.35
9	Himachal Pradesh	5109.03	2932.72	948	63272	4337.47	483349	219.84	231.12	245.19
10	Jharkhand	21994.24	5080.68	1854	128202	2990.51	652429	5036.64	3,245.10	3946.95
11	Karnataka	80334.83	45268.13	2297	284181	6590.25	1,663,032	5485.84	7,823.71	25583.89
12	Kerala	107.64	777.68	1445	52929	1455.59	91995	4.8	19.4	77.17
13	Madhya Pradesh	2222.18	839.57	4892	44312	140926.56	2386374	7442.99	6,532.61	11624.3
14	Maharashtra	75804.16	6012.93	2660	154513	2	851,008	25353.39	35,890.81	59215.19
15	Manipur	187.5	900.67	768	11505	425.65	366587	617.702	713.70	506
16	Meghalaya	5202.83	7563.38	2352	20211	2238.47	719,894	179	597.2727	1173.4912
17	Mizoram	6105.1	7696.75	1427	14094	81	44398	742.65	612.86	2053.44
18	Nagaland	1295.17	6066.09	1108	33220	1030.14	686188	4500.554	5,069.62	5680.204
19	Odisha	14451.83	5223.67	6129	155164	13362.58	2,587,256	10488.995	7,240.02	186234.769
20	Punjab	18	948.94	95	27603	271.5	93,903	79	35	299
21	Rajasthan	4173.32	4177.73	24035	163583	11976.86	3,285,871	3713.4275	3120.9737	9067.28

22	Sikkim	16297.12	3630.48	457	15347	0	622,431	4120	4120	7205
23	Tamil Nadu	19.42	11248.89	5445	144183	3201.61	1093878	6145.81	4,193.34	5242.12
24	Telangana	546.19	2064.52	2254	6817	10247.26	27,896	5898.91	12,280.04	6030.92
25	Tripura	49.69	4055.84	2101	14432	1908.85	556,001	440.33	1,032.01	1606.37
26	Uttarakhand	1915.28	1,108.07	19,124	46,982	23.71	1,283,839	1,637.77	975.60	302.35
27	Uttar Pradesh	26,604.40	120.76	1703	207,498	602.43	1,423,500	3,202.19	3,337.43	4,008.09
28	West Bengal	770.46	3,421.72	2,423	121,954	5,366.22	442,170	6,512.29	5,462.47	7,929.07
29	UT of J &K	5,658.11	2,461.95	1357	177,349	4,763.97	628,644	1,395.20	882.60	2,263.69
30	UT of Ladakh	894.96	316.19	30	55105	4,954.04	44766	474.43	190.31	128.23
Grand Total		307511.61	139,707.23	115710	2329613	269,473.76	26,605,143	125873.1926	139,522.99	406907.0005

Annexure in reply to part (d) of Lok Sabha Unstarred Question No. 2543 for 04.8.2026 asked by Shri Dharambir Singh

District-wise details projects sanctioned in Bhiwani-Mahendragarh Lok Sabha constituency under of WDC-PMKSY-2.0

(Area in ha. and Rs. in Lakh)

District	Project Name	Block Name	Area sanctioned	Total Project Cost	Central share	State share
Bhiwani	Bhiwani-WDC - 1 /2021-22	Behal	3881	1086.68	652	434.67
Bhiwani	Bhiwani-WDC - 2 /2021-22	Loharu	4146	1160.88	696.52	464.35
Charki dadri	Charki dadri-WDC - 1 /2021-22	Badhra	4141	1159.48	695.68	463.79
Mahendragarh	Mahendragarh-WDC - 1 /2021-22	Nangal Chaudhary	2742	767.76	460.65	307.1
Mahendragarh	Mahendragarh-WDC - 2 /2021-22	M/garh	4934	1381.52	828.91	552.6