



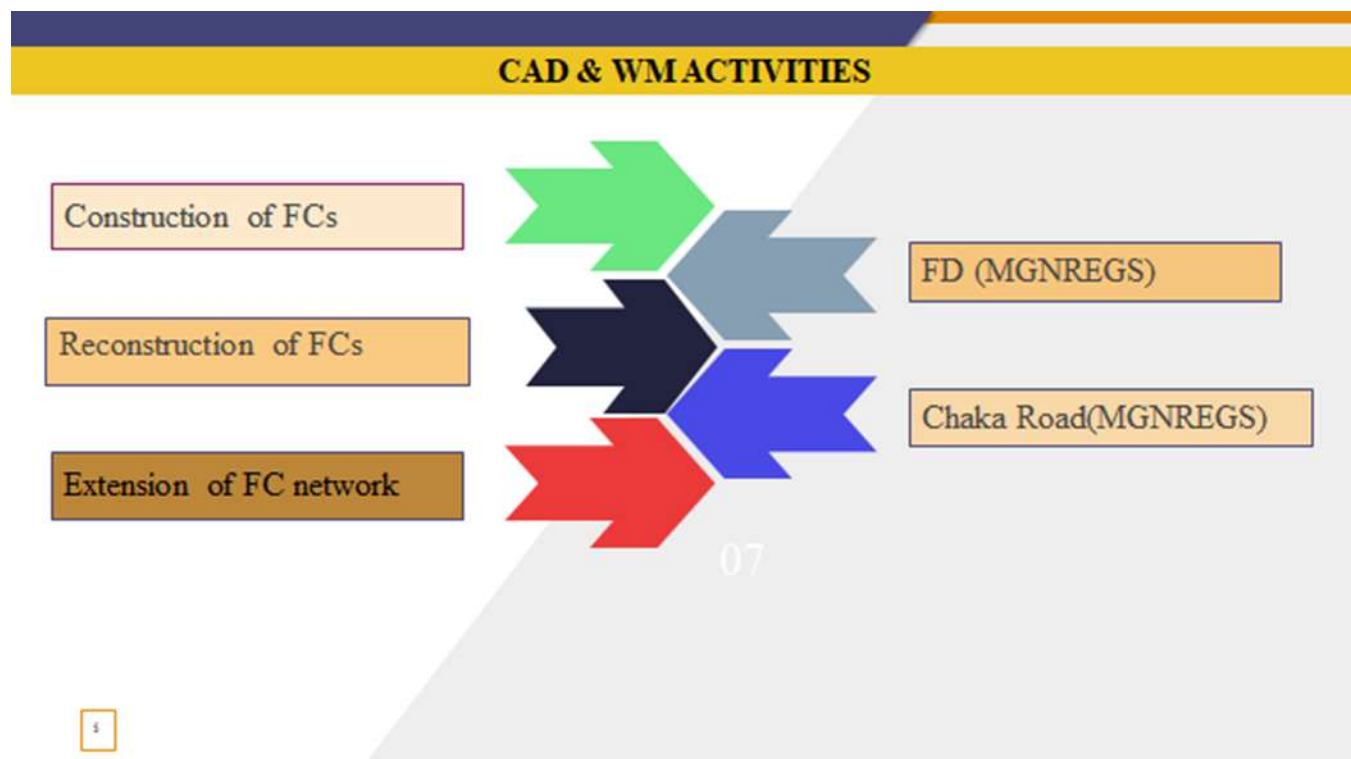
## Scope of CAD



Command Area Development and Water Management (CAD&WM) Programme is being implemented in the State since 1976-77 with an aim to increase water use efficiency through equitable distribution of water.

Number of irrigation projects have been created in the State with huge investment to provide irrigation water for increase in agricultural production and productivity. But the full potential that has been created is yet to be utilized in absence of proper on-farm water management practices. Construction of adequate network of Field Channels (FC) in the farmers' field is therefore essential for full utilization of the irrigation potential created in the command. The old and dilapidated field channels constructed decades ago are also being reconstructed with RCC lining.

The main activities taken up under this programme are (a) survey and planning, (b) construction of field channels, (c) construction of field drain, (d) crop demonstration and (e) farmers' training.



## 5.2 CAD network

So far CAD&WM activities have been completed in 43 irrigation commands by WR(CAD) organisation. The programme is being implemented in 7 Major, 11 Medium and 40 Minor Irrigation Projects. Out of the total CCA of 13.09 lakh ha taken up under CAD&WM programme, 10.81 lakh ha has been covered with FCs by end of March 2023.

The project-wise status of construction of field channels is given in following table.

**CAD&WM Works**  
(STATUS AS ON March 2023)

Sl	Project	Field channel (Ha.)		
		Completed up to March-2022	Completed during 2022-23 (Upto March 2023)	Total
A-Ongoing				
1	Rushikulya	58603	398	59001
2	Salandi Right	35114	5064	40178

3	Potteru-Satiguda	67668	518	68186
4	Baitarani	31525	1245	32770
5	Upper Indravati	70551	1924	72475
6	Rengali	28613	0	28613
7	Upper Kolab	37461	1488	38949
8	Bahuda	7784	0	7784
9	Baghua	4266	0	4266
10	Utei	2900	0	2900
11	Hariharjore	500	0	500
12	Aunli	1000	0	1000
13	Upper Jonk	8962	0	8962
14	Baghalati	1809	0	1809
15	Harabhangi	2398	3332	5730
16	Suhagi MIP	1525	99	1624
17	Girishchandrapur MIP	435	310	745
18	Kerandijore MIP	700	700	1400
19	Kharla MIP	1000	484	1484
20	Kosaka MIP	293	896	1189
21	Modanala MIP	226	104	330
22	Mahisanaal	395	105	500
23	Mangaljit	350	250	600
24	Baldhia	1348	2484	3832
25	Nesa	576	381	957
26	Ramanadi	1190	90	1280
27	Pipalnala MIP	452	0	452
28	Turla MIP	400	200	600
29	Sundar	1500	741	2241
30	Hadua		1349	1349
31	Bhetabar		177	177
32	Gosinga		207	207



33	Nuapoibadi		338	338
34	Ghagra		336	336
37	Gangahaar		444	444
38	Badajore		831	831
39	Nibrutijore		2491	2491
40	Padampurnala		840	840
41	Kumudinala		1220	1220
42	Bandeswarinala		940	940
43	Kukudanala		1820	1820
44	Katangnala		368	368
45	Ichaa		1723	1723
46	Porpetta		821	821
47	Masinanala		442	442
48	Damsala		500	500
49	Spuabadjore		907	907
50	Raghunathsagar		500	500
51	Hiradharbati		2250	2250
52	Phuljhari		1000	1000
53	Hatimunda		1500	1500
54	Krushnasagar		984	984
55	Perencho		184	184
56	Sikarpai		1000	1000
57	Karkata		388	388
58	Bagpur		596	596
	<b>Sub-Total</b>	<b>369544</b>	<b>44969</b>	<b>414513</b>
<b>B-Completed</b>				
1	Salki	18858		18858
2	Salandi Left	43317		43317
3	Hirakud	153395		153395
4	Mahanadi Delta St-I	166735		166735
5	Salia	8747		8747

6	Pitamahal	1106		1106
7	Talasara	3036		3036
8	Daha	4657		4657
9	Kansbahal	4578		4578
10	Kuanria	3780		3780
11	Gohira	8304		8304
12	Sunei	9825		9825
13	Remal	4313		4313
14	Bankabahal	7140		7140
15	Kanjhari	9228		9228
16	Ramial	6079		6079
17	Ong	10005		10005
18	Jayamangal	4902		4902
19	Derjang	5648		5648
20	Jharbandh	2124		2124
21	Mahanadi Delta St-II	125444		125444
22	Kalo	4644		4644
23	Khadkhai	7990		7990
24	Bankasul MIP	1620		1620
25	Badanala	9836		9836
26	Kanijodi MIP	1200		1200
27	Sanamuligaon MIP	920		920
28	Dumerbahal	2736		2736
29	Ret MIP	1200		1200
30	Saipala	2134		2134
31	Tandipur MIP	1143		1143
32	Siltiguda MIP	549		549
33	Budhabudhiani	4130		4130
34	Dahuka	1752		1752
35	Ghodahada	7758		7758
36	Bhaskel	4250		4250
37	Bhangi	2000		2000

38	Pilasalki	2269		2269
39	Sarafgarh	2651		2651
40	Kayakud	618		618
41	Kumbho	1050		1050
42	Talkhol	809		809
43	Dadaraghati	4120		4120
	<b>SUB TOTAL</b>	<b>666600</b>	<b>0</b>	<b>666600</b>
	<b>GRAND TOTAL</b>	<b>1036144</b>	<b>44969</b>	<b>1081113</b>

The programme is being implemented in 28 districts. Three CAD Authorities (CADAs) in the State, located at Cuttack, Sambalpur and Berhampur, carry out the field execution programme through 12 CAD Divisions and 3 offices of Deputy Director, Soil & Water Management.



### 5.3 CAD Reforms being finalized

### CAD & WM NOW

GoI stopped funding for completed projects since 2015-16; Currently GoI funding limited to 8 PMKSY projects

Out of a potential command area of 15.66 Lakh Ha (under completed Maj/ Med/ Min projects), 10.16 Lakh Ha covered under FCs

Out of the gap of 5.50 Lakh Ha, 1.37 Lakh Ha approved for execution till 2023-24; **Feasible balance** for coverage is assessed to be **3.54 Lakh Ha**

Besides, **reconstruction** of FCs built earlier is required for 3.90 Lakh Ha; Of this, 0.28 Lakh Ha is approved; Balance **3.62 Lakh Ha** is to be covered

### PROPOSED REORGANISATION OF CAD FIELD OFFICES

Sl	Existing Offices	Proposed Modification	Present		Proposed	
			No of Offices	Strength	No of Offices	Strength
1	CAD Unit in Directorate	Additional HR. for better monitoring		8		18
2	Survey & Planning	Renaming as Survey, Planning & Design	1	44	1	38
3	PD, CADA	ACE in o/o PD, CADA to work as circle officer in 3 Revenue zones.	3	63 (GIA)	3	74 (34 GIA)
4	DD, SWM	Integration with o/o PD, CADA	3	46	0	
5	Divisions	12 (29 sub-divisions) to 16 divisions (39 sub-divisions)	12	482	16	513
		<b>Total</b>	<b>19</b>	<b>643</b>	<b>20</b>	<b>643</b>

#### Justification:

- Reorientation from project to district
- Greater reach: Divs 12 to 16; Sub-Dvns 29 to 39
- Focus on Minor Irrigation/ MGNREGS
- OPWD Compliant: ACE as Circle Officer; SEs/ EEs, Divisional Officer
- Strengthened PD/CADA office; Repositioning existing workforce for greater productivity

Personnel same as present: 643

Gazetted posts from 189 to 235

Non-gazetted technical posts from 158 to 163

Non-gazetted ministerial etc posts from 173 to 186

Group D posts from 123 to 59

Financial implication; Rs 4.50 Cr/Year

### PERSPECTIVE PLANS @ CAD & WM: BACKGROUND



1. In 2014-15 prepared for 2015-16 to 2018-19 : 2881.14 Cr
2. In 2018-19 prepared for 2019-20 to 2023-24 : 5051.87 Cr
3. Part of it covered in EFC: 497.10 Cr to cover 1.37 L Ha by FCs & Rs 99.33 to cover 0.28 Lakh Ha by reconstruction of FCs



4. The present proposal is based on above exercise & aims at:
  - a. Covering the feasible balance command area of 3.54 Lakh Ha with FCs
  - b. 3.62 Lakh Ha with reconstruction of old & dilapidated FCs

Sl	Project	No	CCA(Ha)	CCA Covered by Other COs* (Ha)	CCA Covered by CAD Wing (Ha)	Area Proposed in EFC (Ha)	Balance Area to be Covered (Ha)	Feasible Area to be Covered with FCs (Ha)
1	Major	15	1082529	212140	812478	15000	42911	
2	Medium	59	321269	24200	193382	50000	53687	38000
3	Minor	3713	514281	116283	10361	72000	315637	315637
	<b>Total</b>	<b>3787</b>	<b>1918079</b>	<b>352623*</b>	<b>1016221</b>	<b>137000</b>	<b>412235</b>	<b>353637</b>

\* PMKSY: 236340 Ha; OCTMP: 60033 Ha & OIIPCRA: 56250 Ha

### CAD & WM Activities during 2022-23

Components	Target 2022-23	Achievement 2022-23	Outlay 2022-23 (in lakhs)	Expdr. 2022-23 ('in lakhs)
<b>Survey&amp;Planning</b>	28800 ha	33619 ha.	345.60	<b>340.08</b>
<b>Construction of field channel</b>	47614 ha.	44969 ha.	14165.03	<b>13376.26</b>
<b>Farmer Training</b>	269nos.	222 nos.	43.18	<b>35.52</b>
<b>MICRO Irrigation</b>	935ha.	10ha	467.52	<b>5.00</b>
<b>Re-Construction of old field channels</b>	16735 ha	16734ha.	4978.67	<b>4976.28</b>
Total (Plan)			<b>20000.00</b>	18733.14
<b>Works under Non-Plan</b>			1165.00	<b>1159.00</b>
Grand Total			21165.00	19892.14

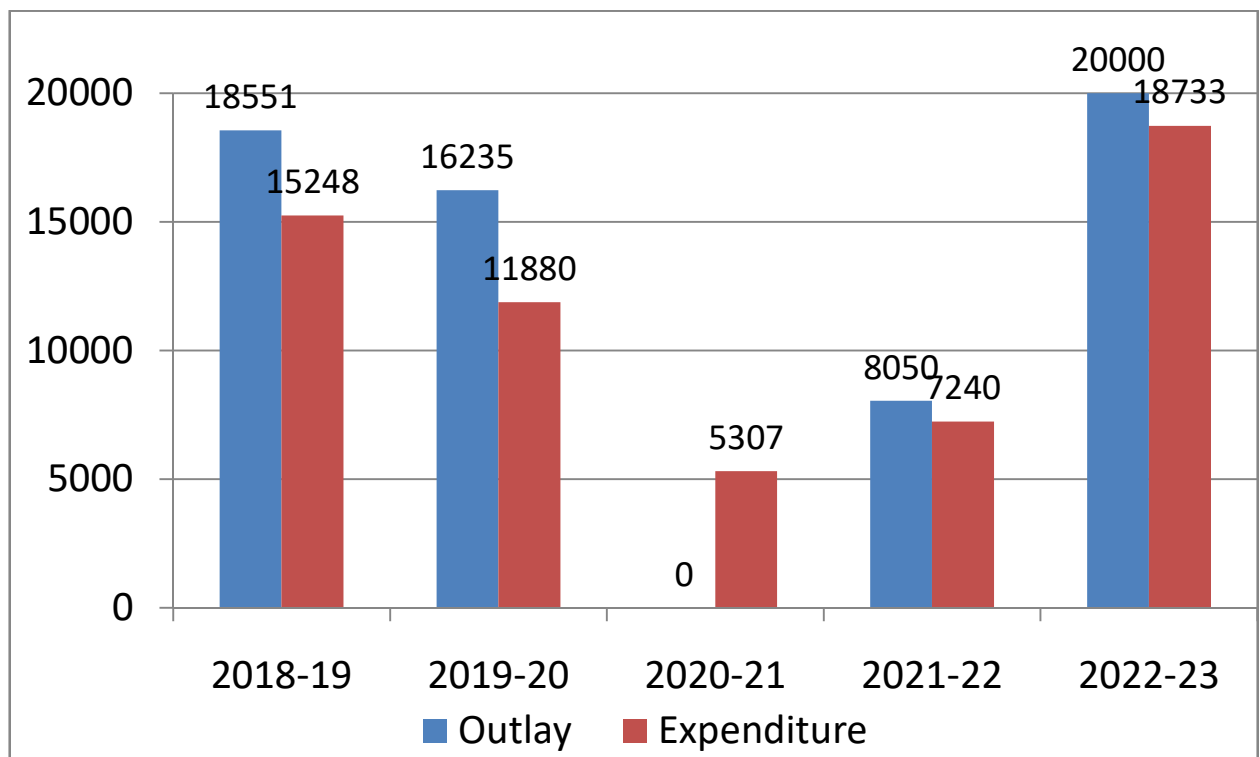
### Programme 2023-24

An outlay of Rs.180.00 crore has been provided in the annual plan of 2023-24 for construction of field channels of 50027 thousand hectare & other required components of the scheme as given below.

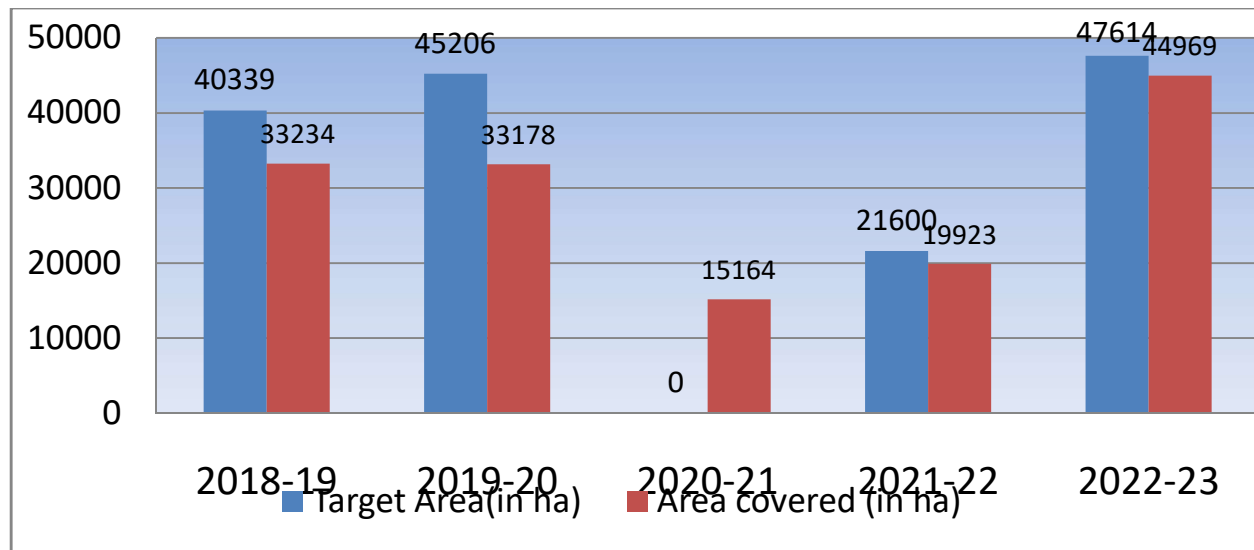


Sl. No.	Name of the Schemes	Physical Target for 2023-24	Outlay proposed for 2023-24 (Rs. lakhs)
1	Construction of Field Channel	50027ha.	14882.93
2	Framers Training (Nos)	239Nos.	38.240
4	Re-Construction of old field channels	8971ha.	2668.78
5	Survey & planning	32502ha.	390.02
	Others		20.03
	Total (Plan)		18000.00
11	Works under Non-Plan		1281.50
	Grand Total		19281.50

### OUTLAY AND EXPENDITURE DURING LAST FIVE YEARS ( Rs. In Lakh)



### Construction of Field Channel covered during Last Five years



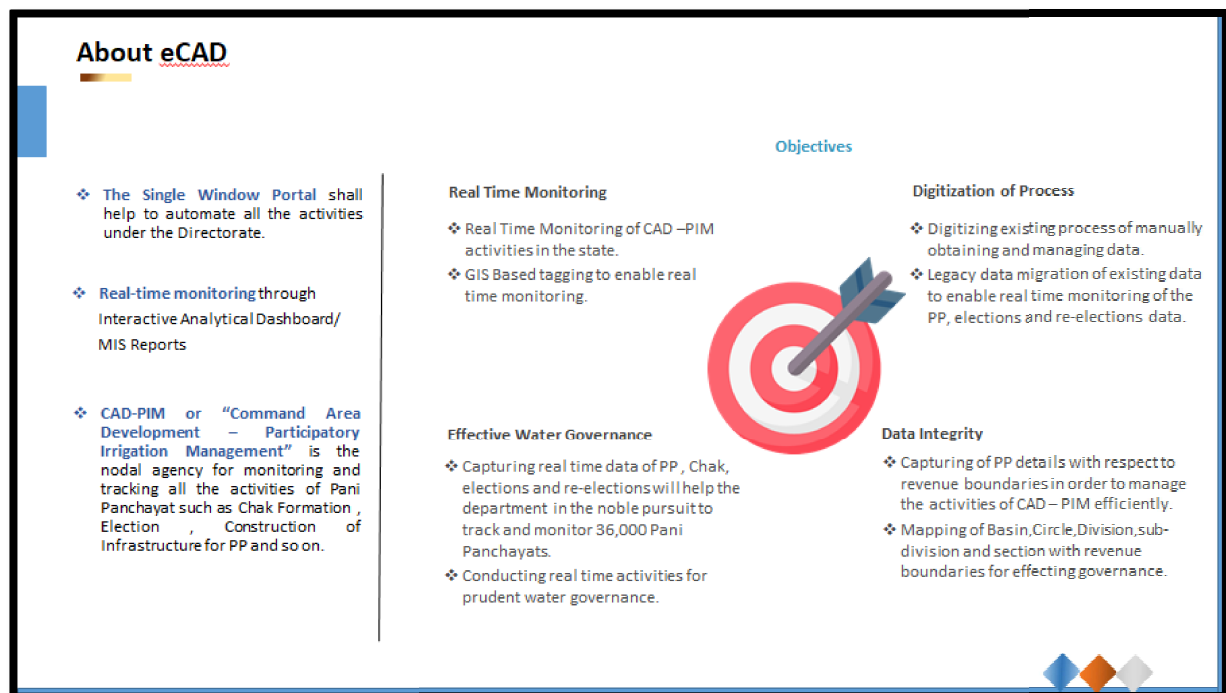
## e-CAD

1. An application for monitoring in real time the command area development and participatory irrigation management activities in the state. Pani Panchayat, the first module is being implemented and the infrastructure getting added to it.

1.1. Status of their functionality, conduct of mandatory meetings, maintenance of records, availing trainings, formation of higher fora such as distributory and project committee etc is being monitored in real time.

1.2. An end-to-end process flow based automated system for realtime monitoring of the abovementioned aspects through a dashboard. The relevant data on the Pani Panchayats, fed by the JEs/AEEs in the Mobile Application, will be accessible to the key higher functionaries of the Department.

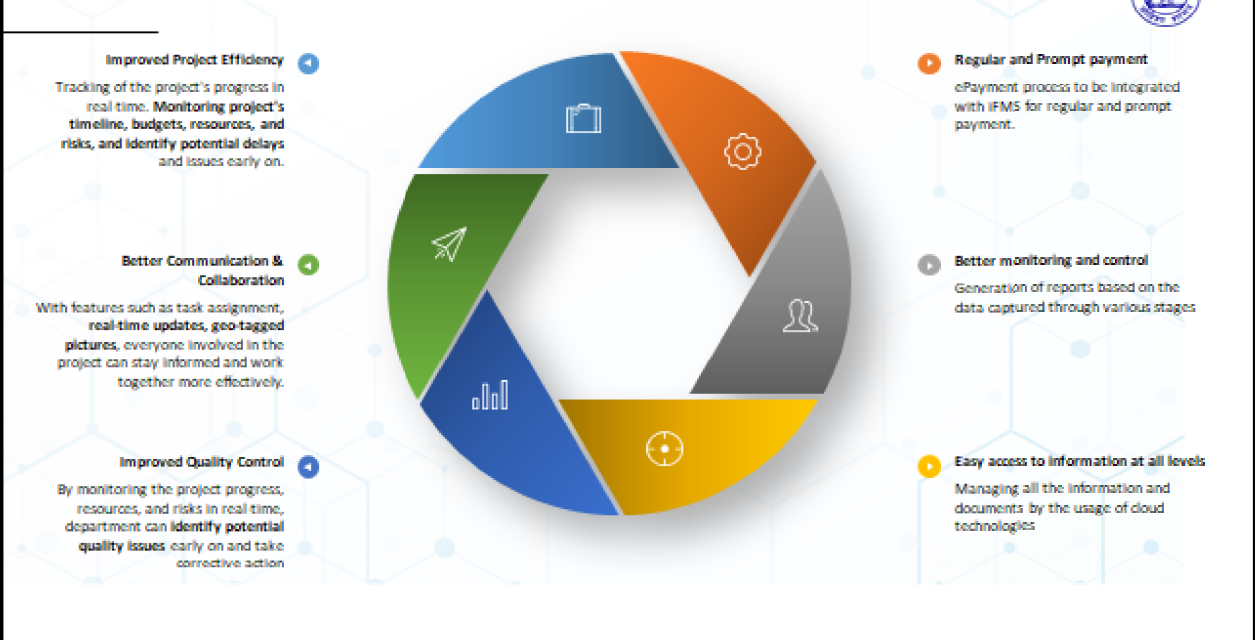
1.3. Conferred Skotch Awards for digitization of existing manual procedures of Pani Panchayat



## eCAD Infra: Components



## Outcomes



## Information Management System

IMS will ensure records aren't lost, and help you get any information or data you need quickly and reliably.



- ✓ Digitising existing data
- ✓ Maintaining digital record of schemes/ guidelines & Act/Rules
- ✓ Online MPR/QPR format
- ✓ Accessing data in dash board



- ✓ Adding of Employee against offices
- ✓ Service History of Employee
- ✓ Incumbency Chart of an Office



- ✓ Data analytics
- ✓ Performance tracking
- ✓ Interactive Dashboard



- ✓ Managing the Data in Folder Basis
- ✓ Each office will have different login
- ✓ Sharing of Folders and Files across offices and users.



- ✓ Head Quarter Organization will be able to track file movement details.
- ✓ Central repository for all the documents generated from the department.

### Benefits & Analytical Reports

- ☐ Online Cloud Storage of File
- ☐ Protect and Secure Data
- ☐ File sharing
- ☐ Managing Employee Details
- ☐ Managing Office Strength

### Stakeholders

- ☐ Directorate
- ☐ Under Secretary
- ☐ CADA Offices
- ☐ Superintendent Engineer



## SKOTCH AWARD

- **E-CAD Solution** for CAD-PIM, Dept. of Water Resources, Odisha has been awarded “**SKOCH AWARD**” for it's unique contribution into bringing data transparency and efficiency at the department level through digital intervention.





# 1.Participatory Irrigation Management (PIM)



PIM is a tool for improving irrigation management along with sustainability of the system. It was introduced in the state during 1995 on a pilot basis in four projects under Odisha Water Resources Consolidation Project (OWRCP) under the banner of Farmers Organization & Turn over (FOT). Further, on experiencing its success at large, it was thereafter extended to all the commands of Major, Medium, Minor and Lift Irrigation Projects.



**1.1** Following introduction of PIM in the state, during 1995 Water User Associations were formed in these pilot projects. During 2000, PIM programme was extended to all commands of Major, Medium, Minor & Lift Irrigation Projects and water user associations were renamed as PPs.

**1.2** Legal status has been provided to PPs by enacting the Odisha PP Act, 2002 & the Odisha PP Rules, 2003. Subsequently, the PP Act has been amended in 2008 and 2014 respectively. Amendment to Odisha Pani Panchayat Act, 2023 has been introduced in Odisha Legislative Assembly. The salient amendments proposed include,

- i. Inclusion of Mega Lift Irrigation Projects and enable formation of Pani Panchayats and higher farmer's bodies.
- ii. Inclusion of spouses of the water users, who are land holders in the area of a Pani Panchayat, to increase women participation and greater representation in various bodies / committees.



- iii. Assigning responsibilities to the functionaries of the Department at appropriate levels, after restructuring of the Odisha Engineering Service cadre.
- iv. Making the tenure of Chak Committee and Executive Committee of the Pani Panchayats five years to make them uniform and obliterate the confusion on it being three or six years.

These amendments will ensure formation of Pani Panchayats and higher farmers' bodies in Mega Lift Irrigation Projects, covering commanded area of 500 to 2000 Ha. and greater representation of women in various bodies / committees and hence greater in water governance besides other aspects.



**1.3** With about 700 Water Users Associations in 1995 to 2002, now more than 38000 Pani Panchayats are functioning in the state. Similarly, from providing irrigation to 3.32 lakh hectares in the beginning, Pani Panchayats are now providing 22.65 lakh hectares.

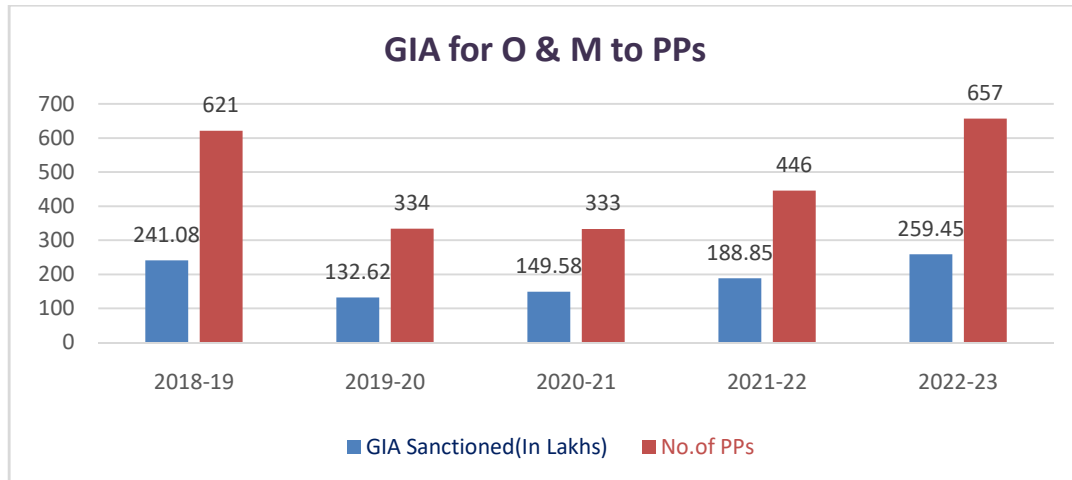
**1.4** The detail status of PPs is given in table below.

Status table

Sector	Formation of PP Planned		Delineation Completed		Handed over to PPs	
	No	Area(In lakh ha)	No	Area(In lakh ha)	No	Area(In lakh ha)
Major & Medium	2940	12.90	2806	12.28	2704	11.82
Minor	2880	3.95	2830	3.95	2654	3.65
Lift	33068	7.34	32477	7.18	32477	7.18
Total	38888	24.19	38113	23.41	37835	22.65

### Cost Norm of GIA for O & M to PPs

Operation and maintenance (O&M) of minor and sub-minor canals of Major and Medium Irrigation Projects are being done through PPs. Grant-in-Aid is provided to them for maintenance of canals of Major, Medium and Minor irrigation projects. In case of Community Lift Irrigation Projects, the entire project gets handed over to PPs for O&M.



## 2. IEC/SBCC

### Pani Panchayat Pakhya (PPP) 2022-23

**2.1** Pani Panchayat Pakhya has been observed in the Department of Water Resources from 1<sup>st</sup> February to 15<sup>th</sup> February, 2023 through out the state.

**2.2** Pani Panchayat Pakhya had kick started in 117 Divisions of the State under DoWR on 1<sup>st</sup> February with launching of Pani Panchayat Rath and in the second phase, district level programmes have been held on 8<sup>th</sup> February with awareness campaign, awards to the students participated in different competitions held for the purpose, exhibitions held for the purpose, exhibitions and other field events. The third phase of the Pakhya was observed followed with State level function on 15<sup>th</sup> February held at Convention Centre, LokSeva Bhawan, graced by the hon'ble Chief minister, Odisha Shri Naveen Patnaik.





**2.3** In the state level function, the CM launched “Sinchita”- a booklet on training on partnership in irrigation, Applications like Infra and MIS Module under e-CAD.

**2.4** On the occasion, 40 best PaniPanchayats from different wings i.e Major & Medium, Minor and Lift Irrigation; 30 best farmers; 12 winners from various activities such as debate, essay, painting and quiz competitions; 12 best projects and 15 best officers were felicitated.



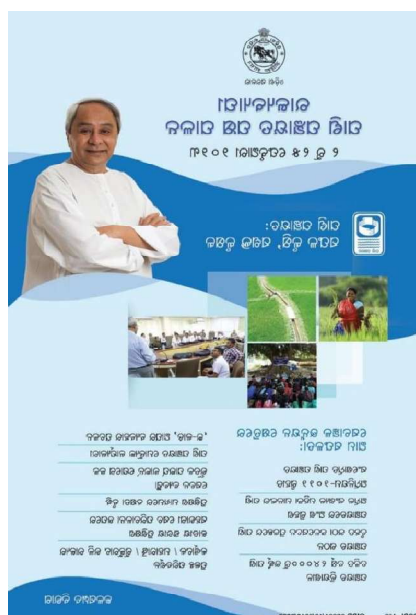
**2.5** Circulation of Varta of the Hon'ble Chief Minister for Pani Panchayat members, farmers and other important stakeholders; Rath, carrying Information Education Communication, Social Behavioural Change Communication materials

and audio visuals; Samabesha in presence of Pani Panchayat members, farmers and other important stakeholders; exhibitions in convergence with stakeholder Departments, including Agriculture & Farmers' Empowerment; having talk shows in DD, AIR, Community Radio; holding debate, essay, painting, quiz competitions amongst school children and awarding them have been carried out in the Pakhya.



## 2.6


Anthem, oath, banners, posters, brochures,



slogans, tagline, centering water governance at the



cutting edge were also circulated for creation of awareness on efficient water use, participatory irrigation management etc.



**ଓଡ଼ିଶା ସହକାରୀ**

**ବାର୍ତ୍ତା**

ଆମ ଗାଆଁର ପାଇଁ ପଞ୍ଜାବର ପଞ୍ଜ-୨୦୨୩ ପାଳନ ଅବସରରେ ମୁଁ ପାଇଁ ପଞ୍ଜାବର ସମସ୍ତ ସଦସ୍ୟ ଓ ସଦସ୍ୟା ମାନଙ୍କୁ ନିମ୍ନ ଶ୍ରେଣୀ କରାଉଛି । ଆପଣମାନଙ୍କ ପ୍ରତ୍ୟକ୍ଷ ଅଞ୍ଚଳରୁ ଏବଂ ସମସ୍ତ ସଦସ୍ୟମାନଙ୍କ ପାରିତ ହେଉଥିବା ଏହି ପାଇଁ ପଞ୍ଜାବର ପଞ୍ଜ ଆମ ଗାଆଁରେ ବୁଦ୍ଧି ପାଇଁ କର ପରିଚାଳନା କ୍ଷେତ୍ରରେ ଆପଣମାନଙ୍କର ଅନୁମୋଦିତ ଯୋଗଦାନକୁ ସ୍ୱାଗତ୍ କରାଯାଉଛି । ଆମ ପାଇଁ ଆମକୁ ଆଜି ଏକ ପ୍ରୟୋଗ ପ୍ରଦାନ କରିଛି ।

୧୯୯୫ ରୁ ୨୦୦୨ ମସିହା ମଧ୍ୟରେ ଆମ ଗାଆଁର ବୃଦ୍ଧ, ମଧ୍ୟ, ଶୁଭ୍ର ଓଡ଼ା ଓ କଳକେତନ ପ୍ରଭୃତି ଗୁଡ଼ିକର ମା. ୩୨ ଲକ୍ଷ ଟଙ୍କାର ସେବାରେ ପ୍ରାୟ ୨୦୦ କର ବ୍ୟବହାରକାରୀ ବ୍ୟବସାୟ ଗଠିତ ହୋଇଥିବା ବେଳେ ଏହି ମଧ୍ୟରେ ବୁଦ୍ଧି ପାଇଥିବା ପ୍ରାୟ ୨୩.୪୫ ଲକ୍ଷ ଟଙ୍କାର ସେବାରେ ମା. ୨୫୦୦୦ ଟଙ୍କାରୁ ଅଧିକ ପାଇଁ ପଞ୍ଜାବର ଗଠିତ ହୋଇଥିବା ମୋ ପାଇଁ ଅବଧାନ ଅନୁରୋଧ ।

ଓଡ଼ିଶା ପାଇଁ ପଞ୍ଜାବର ଅଧିକାରୀ-୨୦୦୨ ଏବଂ ୨୦୦୩ ମଧ୍ୟରେ ପାଇଁ ପଞ୍ଜାବର ଗୁଡ଼ିକୁ ଅଧିକରୁ ଅଧିକ କ୍ଷମା ପ୍ରଦାନ କରାଯାଇଛି । ମୁଁ କୁହୁ ଯେ, ଗାଆଁର ବୃଦ୍ଧ ଓ କଳକେତନ ପ୍ରଭୃତି ଗୁଡ଼ିକରେ ପାଇଁ ପଞ୍ଜାବର ଗଠନ ପାଇଁ ଏବେ ଆବଶ୍ୟକୀୟ ପଦକ୍ଷେପ ଗ୍ରହଣ କରାଯାଇଛି । ପାଇଁ ପଞ୍ଜାବର ପରିଚାଳନାରେ ମନିଷୀମାନଙ୍କର ଅଧିକ ବ୍ୟବହାର ପ୍ରତ୍ୟକ୍ଷ ଭାବରେ ଆପଣମାନଙ୍କ ଚିନ୍ତାରେ ମୋ ସହଯୋଗ ପ୍ରଦାନକୁ ବୁଦ୍ଧିରେ ରଖି ଆପଣା ବ୍ୟବସାୟରେ ଯେ ପାଇଁ ପଞ୍ଜାବରରେ ଅଧିକରୁ ଅଧିକ ମନିଷୀମାନଙ୍କର ଯୋଗଦାନକୁ ବୁଦ୍ଧି ପାଇଁ କର ଆବଶ୍ୟକ କରି ଏବଂ ଗଣତାନ୍ତ୍ରିକ ପ୍ରକ୍ରିୟାରେ ନିଜର ମତାମତ ପ୍ରକାଶ କରିବାକୁ ଯୋଗଦାନ କରିବେ, ଏ ବିଷୟରେ ମୁଁ ଦୃଢ଼ନିର୍ଦ୍ଦେଶ ଦେଉଛି ।





୨୦୨୧-୨୦୨୨ ରୁ ୨୦୨୩-୨୦୨୪ ଆର୍ଥିକ ବର୍ଷ ମଧ୍ୟରେ ସେବାରେ ନିମ୍ନ ପାଇଁ ଗାଆଁର ପାଇଁ ପ୍ରାୟ ୨୦୦ କୋଟି ଟଙ୍କା ଆବଶ୍ୟକ କରାଯାଇଛି । ବ୍ୟବସାୟରେ ଗାଆଁର ପାଇଁ ଏକ ଆଧୁନିକ ପ୍ରୟୋଗ 'ଇ-ଗାଟ' ରୁ ତାହାଙ୍କୁ କରାଯାଇଛି । ଏହି ଏହି କରକୁ ଅନୁରୋଧ କଳକେତନ ମଧ୍ୟରେ ବିଭାଜନୀୟ କରାଯାଇ ବୁଦ୍ଧି କରାଯାଇ କର ବ୍ୟବହାର ପାଇଁ ବ୍ୟବସାୟର ପଦକ୍ଷେପଗତ ପ୍ରକାଶ କରାଯାଇଛି । ଆମର ଏହିଭଳି ଏକାଧିକ ବ୍ୟବସାୟ କାର୍ଯ୍ୟରେ ଉଦ୍ଦେଶ୍ୟ ଶାସନ କରିବା ଏହି ପ୍ରକାରରେ ହୋଇଛି ।

କର ଗଠନର ନିମ୍ନ, ଅଧିକରୁ ଅଧିକ ବୁଦ୍ଧି କ୍ଷେତ୍ରରୁ କଳକେତନ ବ୍ୟବସାୟ ଏହି ପାଇଁ ପଞ୍ଜାବରୁ ଆମକୁ ସ୍ୱତନ୍ତ୍ର କରିବା ନିମନ୍ତେ ଆବଶ୍ୟକୀୟ ସୈଧାନିତ ପଦକ୍ଷେପ ଗ୍ରହଣ କରିବା ବିଷୟରେ ମୋ ସହଯୋଗ ନିମନ୍ତେ କାର୍ଯ୍ୟରେ ଥିବା ବେଳେ ମୁଁ ଏ ଅବସରରେ କର ବ୍ୟବସାୟ, ପ୍ରତ୍ୟକ୍ଷ ବ୍ୟବସାୟ, ପ୍ରତ୍ୟକ୍ଷ ବିଭାଜନୀୟ ଓଡ଼ା ପ୍ରକାର ପ୍ରକାର ବୁଦ୍ଧି ଏହି କର ପ୍ରକାଶକର ପାଇଁ ପ୍ରକାଶ ବିବେଚନା ପ୍ରୟୋଗ, କର ପରିଚାଳନାରେ ବ୍ୟବସାୟ ଓଡ଼ା ଗୁଡ଼ିକ ଓଡ଼ା ଅବସରରେ, ପାଇଁ ପଞ୍ଜାବରରେ ମନିଷୀମାନଙ୍କ ଅଞ୍ଚଳ ଗ୍ରହଣ ଓଡ଼ା ବେଳେବେଳୁ ଅଧିକ ସ୍ୱତନ୍ତ୍ର ପ୍ରଦାନ କରି କର ବ୍ୟବହାରକାରୀଙ୍କ ମଧ୍ୟରେ ବିଭିନ୍ନ କର ଆବଶ୍ୟକ କରି ବିବେଚନା ଆପଣଙ୍କ ବ୍ୟବସାୟ ବିଷୟରେ ଆପଣମାନଙ୍କର ପ୍ରତ୍ୟକ୍ଷ ଅଧିକ ଅଞ୍ଚଳରେ ବ୍ୟବସାୟ କରୁଛି ।


ଗାଆଁରେ ସେବାରେ କଳକେତନ ପରିଚାଳନାରେ ଅନୁମୋଦିତ, ବୁଦ୍ଧି କ୍ଷେତ୍ରର ପରିବୃଦ୍ଧ ପ୍ରକାଶ ଗାଆଁର ଅଧିକରୁ ବୁଦ୍ଧିର ଗାଆଁରେ ଗାଆଁର ବ୍ୟବସାୟ କ୍ଷେତ୍ରରେ ଉଦ୍ଦେଶ୍ୟରେ ବୁଦ୍ଧିର ପ୍ରକାଶ କରୁଥିବା ମୁଁ ପ୍ରତି ଆପଣ ଆପଣମାନଙ୍କୁ ଏ ଅବସରରେ ଆପଣଙ୍କ ଧ୍ୟାନରେ ରଖାଉଛି ।

ଆପଣଙ୍କର  
ନିର୍ଦ୍ଦେଶକ  
ପ୍ରଶଂସା, ଓଡ଼ିଶା



ପାଇଁ ପଞ୍ଜାବର : ସପ୍ତକ ବୁଦ୍ଧି, ସପ୍ତକ ବୁଦ୍ଧି



 @Naaveen\_Odisha 
  @Naaveen\_Odisha 
  @Naaveen\_Odisha 
  98680 98680

କଳକେତନ ବିଭାଗ, ଓଡ଼ିଶା



**ସେବାଞ୍ଚଳ ଉନ୍ନୟନ  
ଓ ପରିଚାଳନା କାର୍ଯ୍ୟକ୍ରମ**

**ସେବାଞ୍ଚଳ ଉନ୍ନୟନ ଯୋଜନାର ଲକ୍ଷ୍ୟ:**

- କଳକେତନ ସମାପ୍ତି ବୁଦ୍ଧି ଓ ବ୍ୟବହାର ମଧ୍ୟରେ ଥିବା ଚାରାବ୍ୟବସାୟକୁ ଦୂର କରିବା ।
- ସେବାଞ୍ଚଳରେ ସମାପ୍ତିବିନି କର ବ୍ୟବସାୟ ବ୍ୟବସାୟ କରିବା ।
- ସେବା କଳକେତନ ସମାପ୍ତିବିନି ମଧ୍ୟରେ ଶ୍ରେଣୀ ଉପରେ କ୍ଷେତ୍ର ବୁଦ୍ଧି କରିବା ।
- ସେବାଞ୍ଚଳ କଳକେତନ ପରିଚାଳନା ମଧ୍ୟରେ କୃଷକମାନଙ୍କ ମଧ୍ୟରେ ଫସଲ ବିଭିନ୍ନକରଣ ବ୍ୟବସାୟରେ ସଚେତନତା ବୁଦ୍ଧି କରିବା ଓ ବୁଦ୍ଧି ଉତ୍ତରଣ ବୁଦ୍ଧି କରିବା ।

କଳକେତନ ବିଭାଗ

କଳକେତନ ବିଭାଗ, ଓଡ଼ିଶା ସରକାର

ବର୍ତ୍ତମାନ ଏହି ଅଞ୍ଚଳର ରାଜ୍ୟାଧିକାରୀ ସହିତ ବିବାହାଦାନ, ଦୁର୍ଯ୍ୟମୁଖୀ, କମା ଆଦି ବିଭିନ୍ନ ପ୍ରକାର ଅର୍ଥ ଉପାର୍ଜନକାରୀ ପଦକ୍ଷେପ କରି ସେବାନକଳ ପ୍ରାୟଶ୍ଚଳ କରିବାପାଇଁ ଯୋଜନା କରାଯାଇଛି । ସେବାକଳ ଉନ୍ନୟନ ଅଧିକାରୀ, ଗୋଷ୍ଠୀ ସଂଗୃହ କରିଥିବା ଚଳ୍ୟ ପ୍ରଣାଳିଟି କରିଛି ଯେ, କମାଣ୍ଡ ଏରିଆ ଉନ୍ନୟନ କାର୍ଯ୍ୟକ୍ରମ ଦ୍ଵାରା ୨୦୨୦-୨୧ ବର୍ଷରେ ବାସନ୍ତୀକି ସେବାଜଳରେ ରାଷ୍ଟ୍ର କାର୍ଯ୍ୟ ଓ ସେବାକଳ ସହଯୋଗରେ ଆଶାକାରୀ ଉନ୍ନତି ପାଇଁ ।

[illegible]



Launching of Coffee Table Book by Hon'ble Chief Minister, Odisha during the celebration of Pani Panchayat Pakhya in presence of Hon'ble Minister, Water Resources, Chief Secretary, Odisha, Development Commissioner and Additional Chief Secretary, Water Resources and other dignitaries. The Coffee Table Book enshrines the project achievements for advocacy



## BEST PRACTICES:



**COMMUNITY LIFT IRRIGATION PROJECT (RIVER LIFT) OF OLIC**  
Transformed the lives of farmers in village Ratanga, Kandhamal District. This has been replicated among other farmers and collectively achieved total production realizing a total earning of Rs.90,000/- to Rs.1,00,000/- per each member of the Pani Panchayat.



Developed a mango orchard with deep bore well project, in the tribal district of Kandhamal. The farmer has been awarded with the “Best Deep Bore Well Farmer” and also bagged the prestigious SKOCH Governance Award in the silver category with the help from District Administration.

## BEYOND ENGINEERING

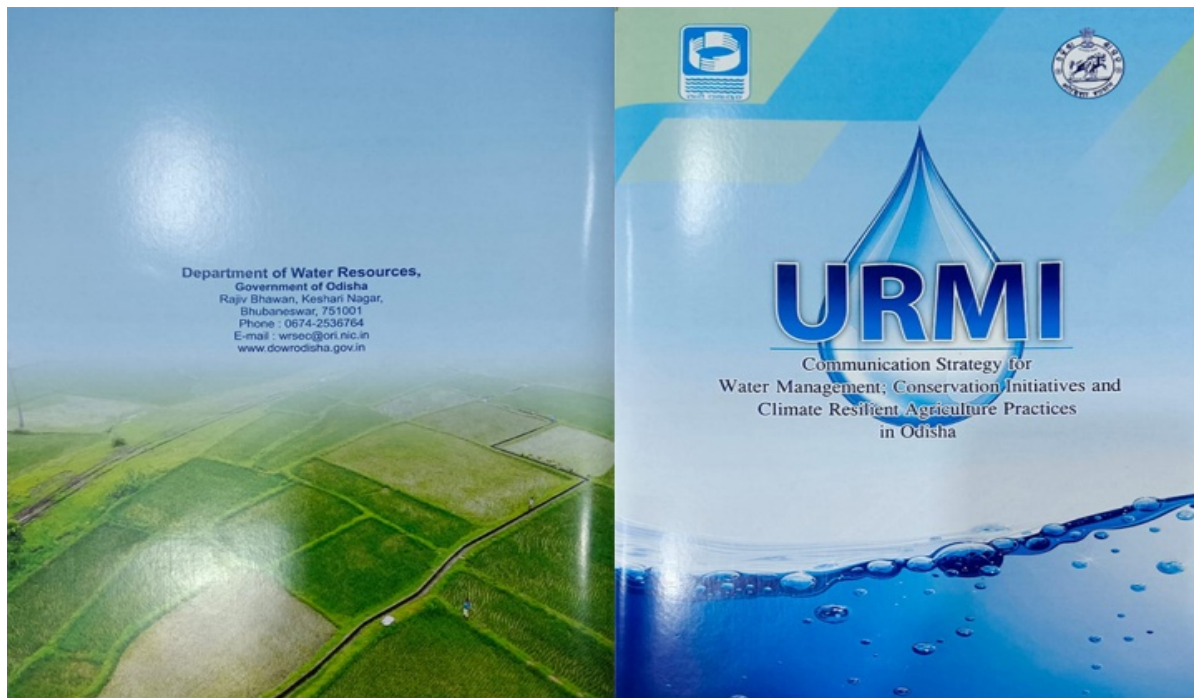
### Water Communication Strategy

The 5T drive of the Government of Odisha has given opportunities to set new goals like digital platform to provide advance information on water availability, development of mobile based app for farmers for submission of grievances and redressal and web portal for Land acquisition, Rehabilitation and Resettlements, online payment of wages to construction labourers.

However, there is need for focus on softer components as well. The communication strategy would support the United Nations' Sustainable Development Goal (SDG) 6 that seeks to ensure availability and sustainable management of water and sanitation for all and reflects the increased attention on water and sanitation issues in the global political agenda. The focus of the communication strategy is aimed to be both short term as well as long term.

In this context, a Water Communication Strategy, “URMI” has been launched by Hon’ble Minister, Water Resources, Commerce & Transport Smt. TukuniSahu on World Water Day.

“URMI” has been developed after a series of consultations held with key stakeholders, including the PRI members; Pani Panchayat members; farmers; state officials; adolescents; JalSahayak, sanitation volunteer, workers and civil society organizations to get behavioural insights from the key players associated with water management at the institutional, community and household levels.



### Revising State Water Policy

15 years have passed ever since the State Policy was formulated in 2007 last. Many aspects of water governance and issues related to them, in the meanwhile, have undergone perceptible change.

In the meanwhile, an attempt had been made to draft a State Policy in 2016 as well

While the need for a State Policy has been dealt with in the draft ,in order to make it comprehensive, further deliberations are required

Besides, there is a need for hitherto well or less cover areas such as the following,

Emerging areas of data management, IT, sustainability and climate change, gender mainstreaming etc among others.

Elements of evidence-based informed planning; technology driven initiatives; improved Composite Water Management Index (CWMI).

Convergence and collaborations with Government departments, UN agencies, policy makers, academia, practitioners, industries, farmers, partners, experts and other key stakeholders.

### **IEC and SBCC to reach out to the stakeholders**

The Department, in the meanwhile, had signed a Letter of Understanding (LoU) with UNICEF for collaboration on a host of activities, majorly, for Water Communication Strategy, State Water Policy and making WALMI a Centre of Excellence.

In this context, the Department had conducted a various brainstorming session with participation of all the key stake holders with participation of all senior officials of the stakeholder departments & as a follow through, intra departmental deliberations had already been conducted in physical mode, with branches like Major & medium, minor, OLIC, Megalift, Ground water, CAD-PIM.

Following that, inter-departmental deliberations have been conducted with E & IT, Ag & FE, PR & DW, Industry, F & ARD, W&CD, SPCB, Energy and H&UD Department.



**Group Discussion during consultation & workshop with various Dept. on revisit of state water policy**



**Celebration of World Water Day, 2023**

The Department of Water Resources, Odisha has observed the World Water Day at DoWR Conference Hall, Rajiv Bhawan, Bhubaneswar on 22<sup>nd</sup> March, 2023.

The theme of this day this year is 'Accelerating Change' to solve the water and sanitation crises. The programme was graced by Hon'ble Minister, Water Resources, Commerce & Transport, Smt. TukuniSahu and led by the Development Commissioner-cum-Additional Chief Secretary, DoWR, Smt. AnuGarg.

A Water Communication Strategy, "URMI" and other IT applications has been launched by Hon'ble Minister Smt. TukuniSahu. Further, one booklet on Jal Shakti Abhiyaan 2.0 has been released.



## Youth4Water



Odisha Water Resources department, UNICEF jointly conduct a brainstorming session with youths from Youth4Water on 29<sup>th</sup> November, 2022 at Rajiv Bhawan, Bhubaneswar. The session highlighted the importance of participation of youth in water management. The session was titled "Meet & Greet: Connect + Network + Collaborate: Ideation & achievement sharing session with 30 youths of Odisha on pani, swachta & climate change." 11 Innovation Awardees were awarded by ACS Ma'am. This campaign provides platform for youth to become thought and action leaders both at policy & on-ground solutions.

The logo and mascot "Jolly" which has been inspired by the concept of "Jal se Jolly" typifies a young Odia girl on a mission to promote the cause of water, Sanitation and the environment.

## SOCIAL MEDIA

For Social Media Management & Implementation of the IEC activities in the Department of Water Resources, Four social media consultants have been engaged from OCAC empanelled consulting firm M/s OASYS Tech Solutions Pvt. Ltd. The Consultants have been placed under different Controlling Officers of the Department to manage the Social Media Management of different wings like major, medium, minor, OLIC & CAD-PIM.







Deptt. of Water Resources @OdishaWater

'Urmi', the water communication strategy has been introduced for better awareness, engagement and behaviour change in water management. This effort will help to strengthen water management at all levels! 🌊

#WaterCommunication #BehaviorChange #CommunityEngagement



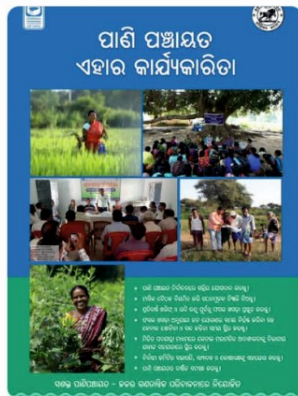
6:41 PM - Mar 22, 2023 - 4,840 Views

16 Retweets 103 Likes

Deptt. of Water Resources @OdishaWater - Feb 3

A decentralised, grassroots approach to water governance and management.

#PaniPanchayatPakhya #benefits #celebration #water #utilisation #optimisation



1 3 18 907 Tip

Deptt. of Water Resources @OdishaWater - Feb 3

The Pani Panchayat of Ganjam is a success story of community-driven, sustainable water management. This initiative was started by the Odisha government in partnership with the local community, which aimed to ensure equitable access to water for all inhabitants of the district.



3 6 41 2,621 Tip

Deptt. of Water Resources @OdishaWater - Feb 7

District-level competitions for Pani Panchayat Pakhya are organised to promote awareness of issues centering on the water among school children.



2 3 39 1,664 Tip

Deptt. of Water Resources @OdishaWater - Feb 9

#WaterConservationMatters!

Kudos to #MLAs of Niali, Rajgangapur, Rourkela, Bargarh, Rajanagar, Chatrapur, Kabisuryanagar, & Junagrh for addressing members of Pani Panchayat and felicitating the winners of various competitions centering water.

#SustainableFuture



1 1 30 1,013 Tip

Deptt. of Water Resources @OdishaWater - Feb 11

#UntyingDhenkanal: Achieving Water Security through District-level Pani Panchayat Pakhya Palana! #Dhenkanal #WaterSecurity #PaniPanchayat @CMO\_Odisha

@MoJSDoWRRDGR

@TukuniSahu

@\_anugarg



3 23 967 Tip

Deptt. of Water Resources @OdishaWater - Feb 11

#PaniPanchayatPakhyaPalana2023: Bringing communities together to conserve and protect our water resources! #WaterConservation #LocalAction @CMO\_Odisha

@MoJSDoWRRDGR

@TukuniSahu

@\_anugarg



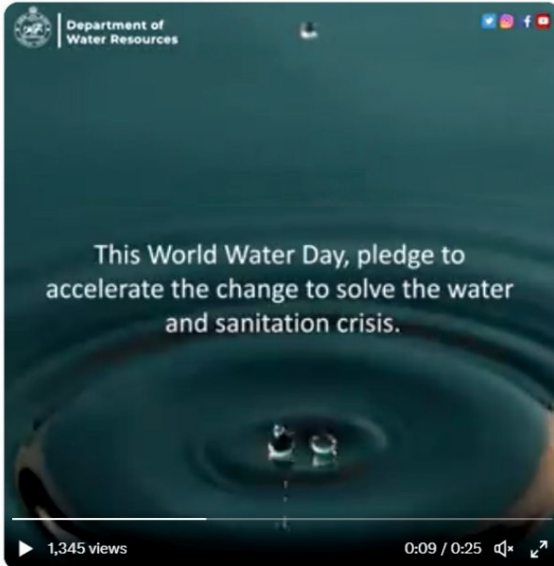
1 2 18 817 Tip





Deptt. of Water Resources  
@OdishaWater

#WorldWaterDay2023 💧



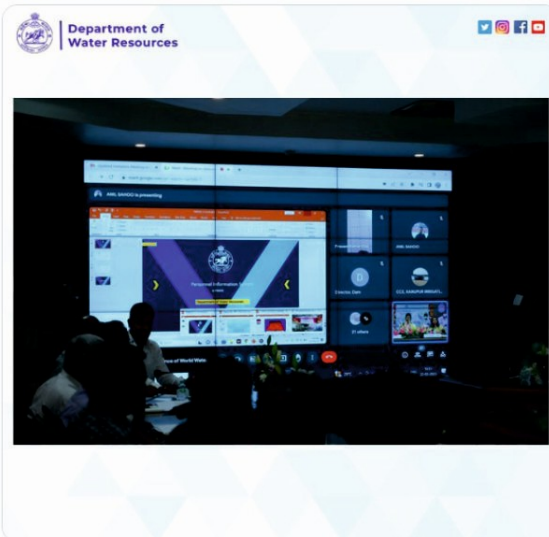
10:06 AM · Mar 22, 2023 · 4,316 Views

10 Retweets 2 Quotes 78 Likes 1 Bookmark



Deptt. of Water Resources  
@OdishaWater

On World Water Day, A series of initiatives introduced to improve water resource management in our state. These include Urmi - a water communication strategy, PINSYS - a database of WR engineers, and WaterDox - a web-enabled interface for data storage.  
#WaterResources



11:02 PM · Mar 22, 2023 · 1,255 Views

7 Retweets 29 Likes



Deptt. of Water Resources  
@OdishaWater

The Department of Water Resources continues its efforts towards sustainable water management with the launch of PINSYS and WaterDox, and the release of the Jal Shakti Abhiyaan 2.0 booklet. 💧 🌍

#WorldWaterDay

@TukuniSahu



11:07 AM · Mar 23, 2023 · 1,830 Views

6 Retweets 49 Likes



Water Resources Department Government of Odisha  
23 March · Instagram

#WorldWaterDay2023, the Department of Water Resources observed the day with Hon'ble Minister, Water Resources & Commerce & Transport gracing the occasion. Let's work together towards a sustainable future for our most precious resource - water. 💧 🌍 #WaterConservation



23

2 comments

Share



DEPARTMENT OF  
WATER RESOURCES  
GOVT. OF ODISHA

WORLD  
WATER DAY  
CELEBRATION

odisha, water · Follow

Original audio

odisha, water Reflecting on a successful World Water Day celebration on March 22nd, 2023. Let's continue to prioritize and take action towards sustainable water management for a better future. #WorldWaterDay #SustainableWaterManagement #GlobalAction

jay, jagannath, mahaprabhu Sir Ma'am, In our area all field channels and field drain are damaged our irrigated fields are not getting canal water. Frequent fights and even serious law and order issues over rights on the canal water coming from 10km away. The C.A.D.A. Department and Pani Panchayat is not functioning in our area. There are 500

13 likes

March 23

Log in to like or comment.

## Training:

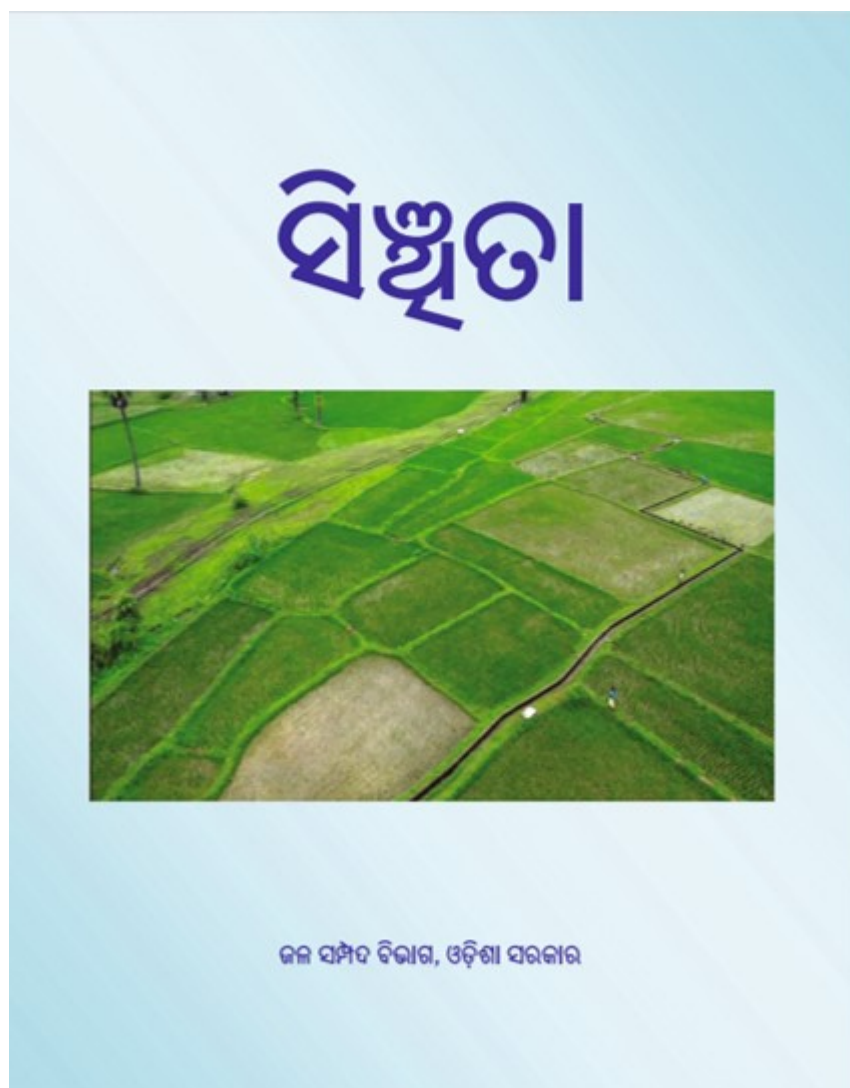
### Training Programme on Participatory Irrigation Management



### Field Visit of CAD-PIM Officials to Dhenkanal on National-PIM training







Training Module “Sinchita” is developed for training of various stakeholders



## Exposure Visit:

CAD-PIM Officials Availing Hands-on Experience on Sustainable Water Management Practices(Exposure visits to Maharastra,Gujurat& Karnataka)

