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Annual Report 2021-22



**Odisha Mineral Bearing Areas
Development Corporation
(OMBADC)**



ODISHA MINERAL BEARING AREAS DEVELOPMENT CORPORATION

ODISHA MINERAL BEARING AREAS DEVELOPMENT CORPORATION





JUSTICE A.K. PATNAIK
Oversight Authority, OMBADC

Foreward

The Odisha Mineral Bearing Areas Development Corporation (OMBADC) was incorporated under the companies Act 2013 as a successor of Society for Inclusive Development of the Mineral Bearing Areas of Odisha on 02.12.2014. By judgement dated 02.08.2017, the Hon'ble Supreme Court upheld the levy of penalties by the State Government on the mining lessees and further directed that huge amount collected by way of penalty will be made available by the Government of Odisha to OMBADC for tribal welfare and area development and heal the loss borne by the people badly affected by mining in the State through various interventions.

Vide orders of the Hon'ble Supreme Court, the 1st tranche of Compensation money funds amounting to Rs. 8290.98 Cr was transferred to OMBADC in January 2018. Vide orders dated 29.10.2018, the Supreme Court in Writ petition (C) No. 114 of 2014 (Common Cause v/s Union of India & Ors.) passed orders appointing the Oversight Authority to oversee the work and progress carried out by OMBADC and also prioritized sectors like Drinking Water, Education and Health in the districts of Keonjhar, Sundargarh and Mayurbhanj and nearby districts affected by pollution.

By the end of FY 2021-22, OMBADC has got projects worth Rs. 15870.50 Cr approved under the 07 sectors and is being successfully implemented by various Line Departments/ Project Implementing Agencies of Govt. of Odisha across 08 mining affected districts. This report presents the progress of the projects till March 2022.

I would like to commend the efforts being made by the Board of Directors of OMBADC, the Secretaries of different departments, Collectors from the respective districts, the PIAs, OMBADC officials and the OMBADC Cells at district level who are continuously striving to bring change in the lives of the people.

Last but not the least, I appreciate the support being provided by the two Officers on Special Duty Mr. Shaikh Naimuddin and Mr. Dwaipayana Pattanaik in discharging my duties towards the mining affected people.

Justice A.K. Patnaik
Oversight Authority, OMBADC

SURESH CHANDRA MAHAPATRA, IAS
Chief Secretary, Odisha



GOVERNMENT OF ODISHA

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Message



It is my privilege to present the second edition of "ABHYUDAYA", an annual report by Odisha Mineral Bearing Areas Development Corporation (OMBADC). It highlights the efforts being taken up in the mining affected areas through OMBADC under the priority sectors viz.- Drinking Water, Education, Health, Livelihood Promotion, Rural Connectivity, Environment Protection and Water Conservation.

In view of the unprecedented global pandemic situation in the early part of 2020, the progress of approved projects was badly hampered. But with untiring efforts, all the concerned departments have successfully put the projects back on track achieving more than 70% of their target. OMBADC has also acted as Partners in Progress for the departments through timely release of funds and supportive supervision during their field visits and departmental review meetings.

I sincerely thank Hon'ble Justice A K Patnaik, Oversight Authority for his vision and leadership behind the interventions taken up by OMBADC.

I commend the efforts of Administrative Departments, Board of Directors, Project Implementing Agencies and the OMBADC team for their efforts to speed up the progress of various projects.

I look forward for your efforts to fulfil your commitment of tribal welfare and development of mining districts.

(Suresh Chandra Mahapatra, IAS)
Chief Secretary, Odisha -cum- Chairman OMBADC,
Government of Odisha

PRADEEP JENA, IAS

Development Commissioner-cum-Additional
Chief Secretary, Odisha, Bhubaneswar



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Message



“ABHYUDAYA” presents a comprehensive view of the performance and achievements of Odisha Mineral Bearing Areas Development Corporation (OMBADC) in the FY 2021-22. This Annual Report has captured the efforts made by the various Departments of Govt. of Odisha to deliver the projects approved in different Board meetings since March 2019. OMBADC have so far received Rs. 16827.55 crore of Compensation money and sanctioned 26 No. of Projects amounting to Rs.13941.54 crore so far in the three priority sectors. i.e. Drinking Water, Education and Health and four complementary sectors i.e. Livelihoods Promotion, Environment Protection, Rural Connectivity and Water Conservation with a focus on integrated development of people affected by mining operations. Further, these interventions are expected to contribute to the efforts of the State Government in fulfilling selected agenda under the Sustainable Development Goals. Out of the 47 approved projects, 39 projects are in implementation by the end of FY 2022. An amount of Rs. 6227 Cr has been released by OMBADC and the department has successfully utilized 62% of the released amount. The pace of Project execution had slowed down a bit due to the Covid-19 pandemic. However, the Departments with their persistent efforts have put the projects back on the track.

As of today, 61 piped water supply projects totaling Rs. 8101.61 Cr have been sanctioned to serve the people with potable drinking water. Additionally, in the FY 2021-22, the OMBADC has also supported the 5T initiative of the Govt. of Odisha in a big way by funding the modernization of Secondary schools as well as construction of Multipurpose Stadiums across several ULBs in the mining districts. The initiatives in the health sector with an investment of Rs. 2943.53 Cr. are primarily focused on provision of quality health services in mining districts.

OMBADC Board has given priority to the livelihood sector in this fiscal to give a boost to the income earning opportunities to the affected tribal and vulnerable population. Such livelihood interventions in the fields of agriculture, fisheries, horticulture, goat farming, poultry farming, sericulture and handicrafts, among others, will improve the people's economic and social standing.

A sum of Rs. 460.52 Cr. has been invested for this livelihood sector, and a discernible improvement in tribal life and livelihood has been noted.

Additionally, rural road projects totaling Rs. 742.55 Cr. will connect the unconnected habitations and provide access to healthcare and education services and boost rural economic growth. Assessing pollution in mining-affected regions will be made easier with the installation of Continuous Ambient Air Quality Monitoring Stations (CAAQMS) in 09 high polluting areas of the OMBADC districts. Simultaneously, initiatives linked to Soil & Moisture Conservation works have also been taken up to recharge the ground water and retain the soil moisture in the forests near the mining areas.

The efforts of the line Departments' and OMBADC officials' sincere are recognised and duly acknowledged. This report, in my opinion, will be a helpful resource for everyone to comprehend the nature of the projects supported by OMBADC and the benefits that will accrue the populations impacted by mining.


(Pradeep Jena)



GOVERNMENT OF ODISHA

SHRI G. RAJESH, IFS

Chief Executive Officer, OMBADC

Preface

Odisha Mineral Bearing Areas Development Corporation (OMBADC) since its day of inception in December 2014 is continuously striving to meet its objective of undertaking specific tribal welfare and area development works to ensure inclusive growth of the mineral bearing areas. OMBADC initiated its activities with the receipt of the Rs. 869.40 Cr. (50% of the Additional NPV funds) from AdHoc CAMPA in January 2015 through which projects related to Drinking water, Housing, Social Forestry/ Farm Forestry and Skill Development of Tribal youths were implemented in the 08 mining districts of Odisha in the year 2016. Projects in the Housing and Drinking water sector are completed and their impact assessment through independent agencies has been initiated.

Further, in compliance to the orders of the Hon'ble Supreme Court dated 02.08.2018, OMBADC further received the Compensation money funds amounting to Rs. 8290.98 Cr. Under the guidance of Hon'ble Justice A.K. Patnaik, Oversight Authority for OMBADC, the Board approved the amount to be utilized for funding development projects in four mining affected districts- Keonjhar, Sundargarh, Mayurbhanj, Jajpur under seven sectors i.e. Drinking Water, Education, Health, Livelihood Promotion, Rural Connectivity, Environment Protection & Pollution Control and Water Conservation. Funds to the tune of Rs.6226.78 Cr have been released by OMBADC till March 2022 to different Line Departments for implementation of the approved projects, out of which 62% has been utilized by the end of FY 2021-22.

I take this opportunity to enlighten the readers about the progress made by the projects under different sectors till the FY 2022.

- In the 18 Mega Piped Water Supply projects approved in April 2019, 80% of work has been completed in 16 projects & in next 01-year potable water will be supplied to the rural households. Balance 02 Mega PWS projects in Keonjhar & Sundargarh- has been commissioned & supply of potable has been initiated in 104 villages. Further, OMBADC has also approved 02 new projects i.e. Mega PWS to 13 GPs of Kaptipada block at Mayurbhanj district for rural population & Drink from Tap project in 14 ULBs out of which the project is partly supported by H&UD Dept in 07 ULBs.

- Under the Education sector, OMBADC has approved projects related to infrastructure development in Elementary, Secondary schools, OAVs and KGBVs as well as ST & SC schools and Engineering colleges. 253 5T schools, 135 ST & SC Schools and more than 2000 infrastructure development works in Elementary & Secondary schools and OAVs has also been completed. Further, OMBADC is supporting SD & TE Dept for upgradation of existing infrastructure & opening of Centre of Excellence (CoEs) in 14 nos. of Govt ITIs & Engineering Schools under 06 districts which is expected to be completed in next two years. Further, 12 no. of Multipurpose indoor stadium have been taken up to facilitate quality sports infrastructure for the Youths in 05 districts.
- Under the Health Sector, upgradation of infrastructure works under more than 250 no. of CHC/PHC/HSC are completed. 30 Ambulances are procured and in use. Similarly, under the Strengthening of ICDS projects, construction of 405 new Model AWCs are completed. These Model AWCs are aimed at transforming the learning and imagination of young children during the period of Early Childhood Care and Education (ECCE).
- Since the mining activities have directly affected the livelihood of the tribal due to clearing of forests and occupying their arable lands, OMBADC has also funded livelihood projects submitted by A&FE, F&ARD departments and Odisha Livelihood Mission. The major interventions are related to Fisheries, Horticulture, Poultry, Sericulture, Handicrafts etc. Substantial no. of beneficiaries has been benefitted out of the interventions.
- 85 % of the projects under 198 Rural Road projects have been successfully completed. More than 5000 unconnected habitations have so far been provided all-weather road connectivity under OMBADC.
- Installing an air quality monitoring system helps monitor the presence of pollutants, resulting in better environmental conditions for humans to reside. The Continuous Ambient Air Quality Monitoring Stations (CAAQMS) in 08 urban locations under 04 districts has been successfully installed & commissioned.
- The activities under Watershed, Soil & Moisture Conservation, Creation of Green Belt & Reclamation of Water body projects are also being implemented by respective departments not only to retain the water table and replenish forests but also supporting families in livelihood.

I sincerely acknowledge the guidance being provided by the Oversight Authority Hon'ble Justice A.K. Patnaik, Chief Secretary-cum-Chairman OMBADC, Development Commissioner, the Board of Directors, the efforts of different Line Departments and PIAs, District Collectors, OMBADC officials and OMBADC Cells at the district level and all others who are supporting OMBADC in realizing the vision of the Hon'ble Supreme Court of providing the Tribal a dignified living and overall development.



Chief Executive Officer,
OMBADC

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Key Highlights of FY 2021-2

Impact assessment of Housing projects (Pucca Ghar Yojana Mining) & Evaluation of PWS projects across 08 districts under Adhoc CAMPA funding have been initiated through independent agencies.

213 piped water supply projects are completed against 215 projects under Adhoc CAMPA Funding. 20 Mega PWS projects are under implementation through Compensation money by PR & DW Dept across the 05 districts. Under these 20 projects, 02 projects at Keonjhar & Sundargarh are in completion stage & commissioning work is under progress through which potable water is being supplied to 104 of mining affected villages through functional household tap connection.

Most of the infrastructure projects approved in the 1st phase are completed under Education & Health. Construction of Elementary, Secondary schools, KGBVs & Development of Educational Infrastructures in ST & SC Schools have achieved 70% of physical achievement. It is expected that by next year most of the projects will be completed & functional. 40% of New AWCs across the 04 districts have been completed & handed over to the Department.

Livelihood promotion is one of the key sectors under OMBADC. Under Livelihood, promotion through Fishery activities, 436 WSHGs were engaged in fish farming in GP tanks which has benefitted 4360 households and 120 beneficiaries have been benefitted through Bio-floc technology. Subsequently, OMBADC has taken up 10 different livelihood promotion activities for income generation for people residing in the mining affected districts.

The Sub Committee for recommendation of new project proposals was formed in the current financial year. Subsequently two Sub Committee meetings were held in FY 2022 & the Committee has approved 03 no. of projects like 896 5T High School transformation, Application of Data Science for Development of Environmental Information System for mining areas & Multipurpose Indoor Stadiums amounting to Rs.640.65Cr.

8 no of projects amounting to Rs.1206.66 Cr has been approved under Drinking Water supply, Health, Education, Livelihood & Environmental Protection sectors in 03 no. of Board Directors meetings held in the FY-2021-22.

Trainings/ Meeting on financial guideline & overview of OMBADC functioning was organized for the 12 Line Departments at OMBADC Office level. Further, Review meetings were also organized for 04 Line Departments at OMBADC Office level.

04 no. of field visits by OMBADC Officials have been undertaken to monitor the developments in OMBADC funded projects related to Water supply, Health, Education, Livelihood, Rural connectivity, Environmental protection & SMC & Ground Water recharge.

3 no. of Oversight Authority Review meetings were conducted on dt.06.09.2021, 05.11.2021 & 18.03.2022. Further, two Review meetings on progress of implementation of projects under OMBADC has been taken up by Development Commissioner-cum- ACS on dated.31.12.2021 & 03.03.2022.

The Website of OMBADC has been completed by the identified Vendor. Minor changes are still in progress.





Drinking Water Supply through Piped Water



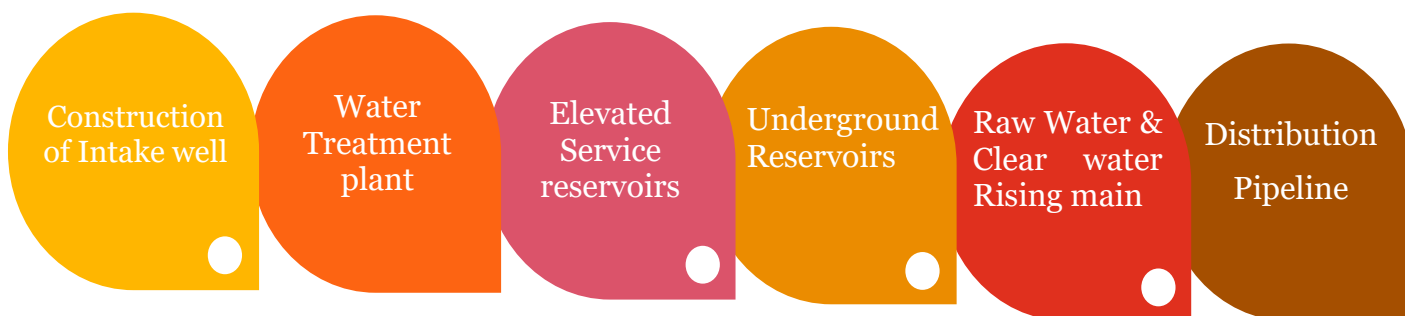


Project 1- 18: Mega Piped Water Supply Projects

Background:

OMBADC funded Drinking Water Supply projects for rural areas of Keonjhar, Sundargarh, Mayurbhanj, Jajpur & Angul have been taken up by the Panchayati Raj and Drinking water Department through Rural Water Supply & Sanitation Organization since 05.04.2019. A total of 16 projects were approved in the 14th and 16th Board meetings and 02 MPWS projects were transferred from Adhoc CAMPA funding to Compensation money funding. Further, in the 18th Board meeting another 02 MPWS projects for Sundargarh having a sanctioned value of Rs. 1096.19 Cr were approved by the Board. Subsequently, in the 20th and 21st BoD meeting another 10 MPWS projects for Mayurbhanj district having a sanctioned value of Rs. 149.91 Cr and Rs. 1531.39 Cr respectively were approved by the Board of Directors. Thus, till date, 30 no. of Mega Piped Water Supply (MPWS) projects have been approved by OMBADC Board under different Board meetings with a total sanctioned value of Rs. 7200.86 Cr. The basic objective of the projects is to achieve universal and equitable access to safe and affordable drinking water for all the households of these mining affected districts.

Major Project Components:



Project Initiation:

The DPRs for 18 no. of projects was submitted by the department on different stages, hence funds have been released accordingly on different dates. The 1st instalment of funds amounting to Rs. 195.25 Cr for 2 projects was released on 28th March 2019, Rs. 280 Cr for 12 projects on 17th July 2019, Rs. 36.16 Cr for 02 projects on 1st May 2020 and Rs. 105.25 Cr for 02 projects on 28th March 2021.

Status of Projects in FY 2020-21:

Work was in progress in all the 18 MPWS Projects and they were in different stages of construction. Out of the 02 projects transferred from Adhoc CAMPA funding, where works were started prior to 2019, 90% of the works was completed in MPWS to Adaghat and 121 adjoining villages and testing and commissioning work was in progress. Out of the sanctioned value of Rs. 4423.37 Cr for the 18 projects, total funds released till March 2021 was Rs. 2355.13 Cr out of which the department had utilized Rs. 1908.67 Cr.



Status of projects in FY 2021-22:

The 18 no. of Mega Piped Water Supply Projects having an approved value of Rs. 4423.37 Cr are being implemented by the RWSS divisions of Keonjhar, Anandapur, Angul, Sundargarh, Rourkela, Rairangpur & Jajpur. Cumulative amount of Rs. 3171.23 Cr was released in the FY 2021-22 out of which total expenditure made by all the divisions came to Rs. 2829.58 Cr which accounts to 63.69% of the released amount.

Project Coverage:

These 18 Mega PWS projects across Keonjhar, Sundargarh, Mayurbhanj, Angul & Jajpur districts will cover total 3196 no. of villages with 6,10,451 no. of Household Connections. The following table shows the district wise no. of projects, villages & target no. of household to be benefitted.

Sundargarh	Keonjhar	Angul	Mayurbhanj	Jajpur
<ul style="list-style-type: none"> • Projects-9 • Villages - 886. • Household-160806 • Blocks - Hemgiri, Kutra, Rajgangpur, Gurundia, Koira, Lahunipara, Kuarmunda, Nuagaon. 	<ul style="list-style-type: none"> • Projects-4 • Villages - 1559 • Household - 331422 • Blocks - Harichandapur, Ghtagaon, Telkoi, Patna, Hatadhi, Champua, Jhumpura, Keonjhar, Banspal & Joda. 	<ul style="list-style-type: none"> • Villages - 263. • Household - 37449 • Block - Palahara. 	<ul style="list-style-type: none"> • Projects-03 • Villages - 417 • Household - 45023 • Blocks - Rairangpur, Jashipur & Kusumi. 	<ul style="list-style-type: none"> • Projects- 02 • Villages - 71. • Households-4260 • Block - Sukinda

Note: - In the Mega PWS project at Harichandanpur, Ghatagaon, Telkoi, Patna & Pallahara block, 04 blocks comes under Keonjhar district & 01 block (Pallahara) comes under Angul district.

Detail progress of the work carried out during FY 2021-22

Physical progress:

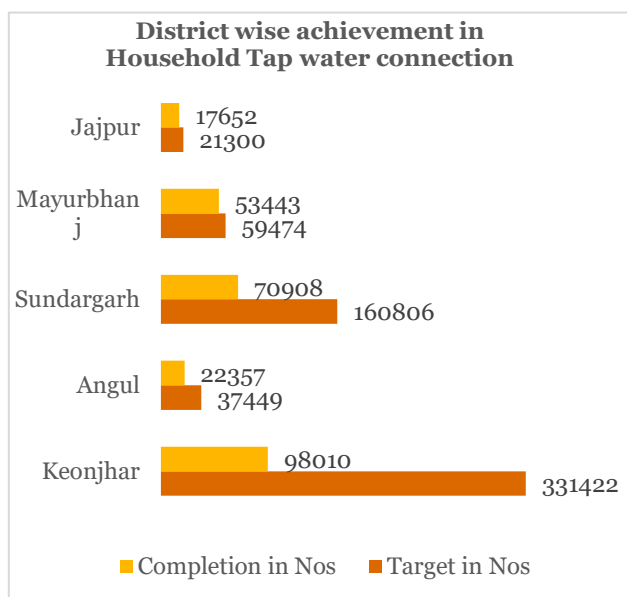
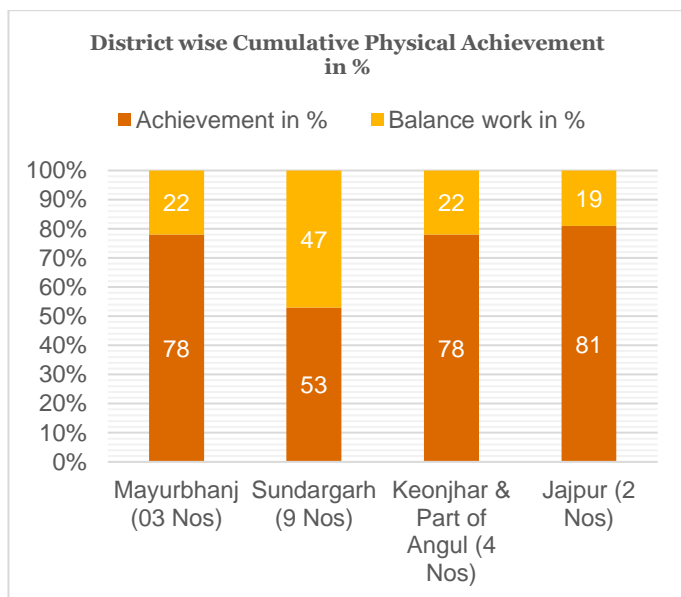
During the period, out of these 18 projects, 02 no. of Mega Pipe Water Supply projects at Keonjhar & Sundargarh are in completion stage and commissioning work are under progress. Balance 16 projects are in different stages of construction. The overall achievement of these 18 projects is 70% & 2,26,665 no. of House connections are completed till March' 2022.

The Physical & financial progress of projects as of March'22 are mentioned below:

S. No.	Name of Mega PWS Projects	Agreement/ Revised Sanctioned Cost (Rs in Cr.)	Name of RWSS division	Financial Progress			Physical Progress
				Fund released (Rs in Cr)	Exp. (Rs in Cr.)	% Exp.	Overall Achievement in (%)
1	Mega PWS to Hemgiri	176.05	Sundargarh	121	117.49	97	64
2	Mega PWS to Kutra & Bargaon	143.29		128.96	114.93	89	89
3	Mega PWS to Rajgangpur	126.3		115.87	89.24	77	69
4	Mega PWS to Gurundia	173.28	Rourkela	45	45	100	18
5	Mega PWS to Koira	63.22		18	18	100	17
6	Mega PWS to Lahunipada	128.42		36	36	100	
7	Mega PWS to Kuarmunda	184.06		71.5	66.71	93	26
8	Mega PWS to Nuagaon	203.97		87	78.18	90	
9	Mega PWS to Adaghat & 121 adjoining villages (Transferred from Adhoc CAMPA)	160.36		144	144	100	89
	Sub Total Sundargarh	1358.95		767.33	709.55		
10	Mega PWS to Rairangpur	220.87	Rairangpur	178.91	156.28	87.19	81
11	Mega PWS to Kusumi	235.42		211.93	171.59	81	78
12	Mega PWS to Jashipur & Raruan (26 village)	269.34		222.11	169.05	76	75
	Sub Total Mayurbhanj	725.63		612.95	496.92		
13	Mega PWS to Harichandanpur, Ghatagaon, Telkoi, Patna & adjoining block of Pallahada.	1341.2	Keonjhar	331.25	295.97	89	76
			Anandapur	308.12	270.47	73	70
			Angul	371.16	344.99	93	70
14	Mega PWS to Hatadihi.	321.32	Anandapur	288.33	242.25	84	78
15	Mega PWS to Champua, Jhumpura, Keonjhar, Banspal	407.98	Keonjhar	261.5	254.14	97	84
16	Mega PWS to Basantpur & 114 adjoining villages of Keonjhar (Transferred from Adho CAMPA)	93.66		82.67	82.67	100	98

S. No.	Name of Mega PWS Projects	Agreement/ Revised Sanctioned Cost (Rs in Cr.)	Name of RWSS division	Financial Progress			Physical Progress
				Fund released (Rs in Cr)	Exp. (Rs in Cr.)	% Exp.	Overall Achievement in (%)
	Sub Total Keonjhar	2164.16		1643.03	1490.49		
17	Mega PWS to Sukinda (Ph-I) 19 Village	52.65	Jajpur	47.385	40.24	85	81
18	Mega PWS to Sukinda (Ph-II) 52 Village	121.98		100.54	92.38	92%	81.46
	Sub Total Jajpur	174.63		147.925	132.62		
	GRAND TOTAL	4423.37		3171.235	2829.58		73

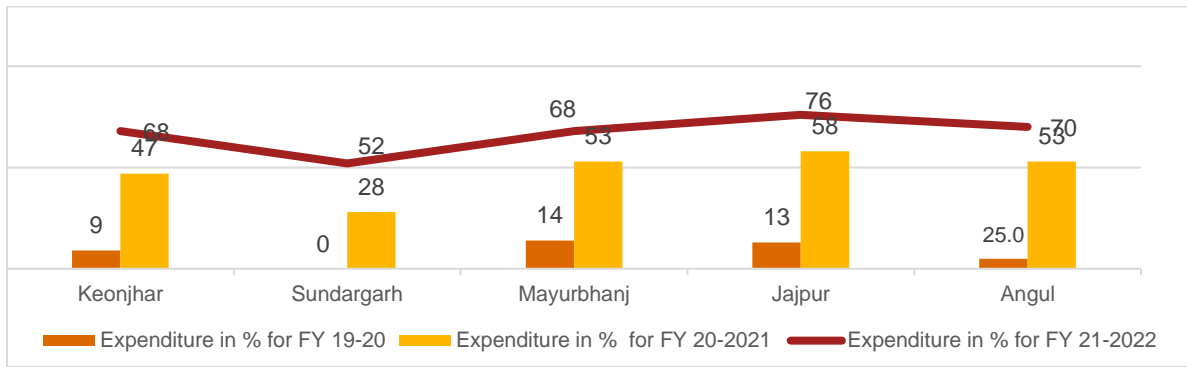
The following graph shows the cumulative physical achievements of districts as of March'22 as well as the achievement in functional household tap connection:



Jajpur has completed 81% of the physical works and out of targeted 21,300 household connection, the achievement is 83%. Mayurbhanj has also achieved 78% of its infra works and completed 90% of the targeted household tap connection. The physical achievement of Keonjhar and part of Angul has reached 78 % whereas household tap connection has reached 33% only. Similarly, the physical achievement of Sundargarh is 53% and household connection has reached 44% only against the targeted household connection. Thus, the performance of Jajpur can be considered the best among the 04 districts followed by Mayurbhanj as infra works and household tap connection work are in progress. Keonjhar is inclined more towards infrastructure works but the performance of Sundargarh need improvement at both fronts.

Financial Progress:

The following table shows the trend of financial progress of RWSS divisions from 2019-20 to 2021-22.



Ref: Status of OMBADC sanctioned projects, submitted by EIC, RWSS vide letter no.3065 dated.19.04.202

Glimpses of different Projects at Jajpur districts:



Under Construction Intake well at Sukinda block



Under construction of WTP at Sukinda block

Glimpses of different Projects under progress at Keonjhar & Angul districts:



Under construction WTP at Pallahara, Angul



Glimpses of different Projects under progress at Mayurbhanj districts:



Under construction WTP at Rairangpur block, Mayurbhanj



Intake well at Jashipur, Mayurbhanj



Under Construction WTP at Kusumi block, Mayurbhanj district

Glimpses of different Projects under progress at Sundargarh district.



Under construction WTP at Hemgiri block



Under construction WTP at Kutra block



Commissioned Intake well at Lahunipara block



Under construction WTP at Kuarmunda block

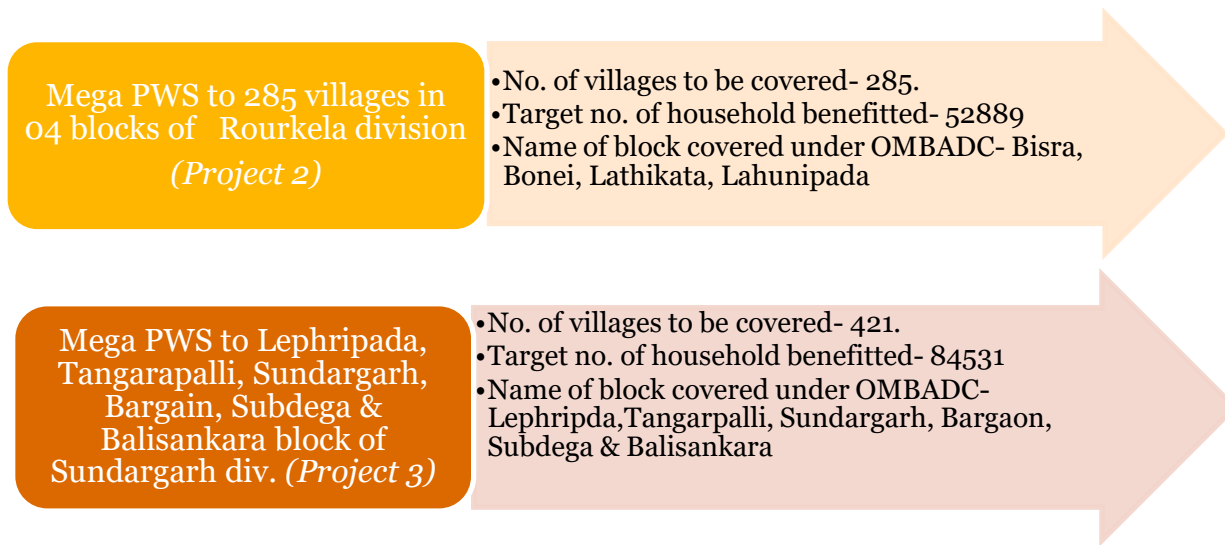
Project 2 & 3: Mega PWS for 285 villages of 4 blocks, Rourkela division and Mega PWS for Lephripada, Tangarapalli, Sundargarh, Bargain, Subdega & Balisankara block of Sundargarh division

The PR & DW department had proposed the MPWS project to 285 villages in 04 blocks under Rourkela division with a purpose to enhance the coverage of households with supply of potable water and meet the target of 135 LPCD water to the inhabitants. Similarly, another MPWS project was proposed to cover the inhabitants of 07 blocks under Sundargarh division. Both the projects were approved in the 18th Board of Directors meeting held on 14.09.2020. The approved value of the first project was Rs. 511.03 Cr against which Rs. 44 Cr has been released and expenditure incurred is Rs. 37.18 Cr. The second project has an approved value of Rs. 585.16 Cr against which Rs. 84 Cr has been released and expenditure incurred till March 2022 is Rs. 83.50 Cr. The project period for both the projects is 2 years 6 months for construction and 5 years for Operation and Maintenance.

Coverage: -

The 02 Mega Piped Water Supply projects in Sundargarh district will cover total 706 no. of villages and through these projects, 1,37,420 no. of household will be benefitted.

Project wise coverage details are as follows:



Detail progress of the work carried out during FY 21-22

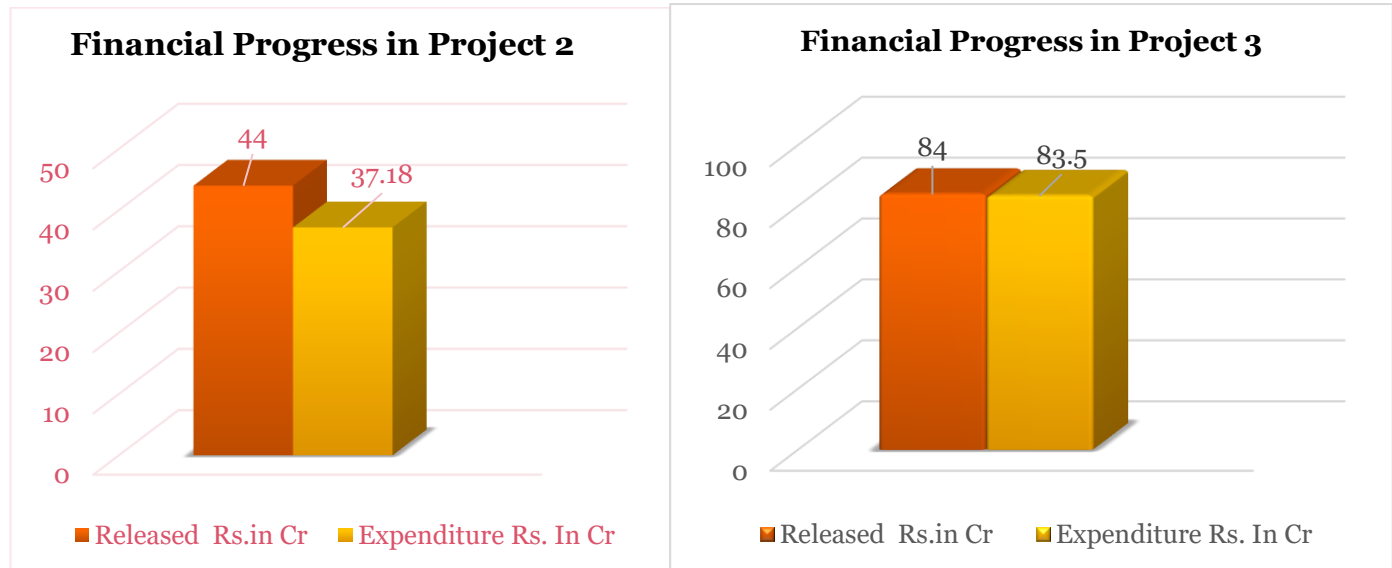
Physical progress: -

The 02 projects have been started in the month of September 2021. In the Mega PWS to 285 villages in 04 blocks under Rourkela division, pipelines for Clear Water Pumping Main have been laid upto 3.4 KM out of 291 KM. Survey work for other components are under progress. Similarly, in Mega PWS to Lephripada, Tangarapalli, Sundargarh, Bargain, Subdega & Balisankara block under Sundargarh division, Construction of Water treatment plant is under progress. Survey work for other components & the Pipe procurement are under progress.

Financial Progress: -

In Mega PWS to 285 villages in 04 blocks under Rourkela division, Rs.44.00Cr has been released as (1st Instalment on dated 30.10.2021) against which the expenditure is Rs.37.18 Cr. Similarly, in Mega PWS to Lephripada, Tangarapalli, Sundargarh, Bargaon, Subdega & Balisankara block under Sundargarh division, Rs.84.00 Cr has been released as (1st Instalment on dated 30.10.2021) against which the expenditure is Rs.83.50 Cr till March 2022.

The following table shows financial progress of these two projects as of March'22.



Ref:- Status of OMBADC sanctioned projects, submitted by EIC, RWSS vide letter no.3065 dated.19.04.2022.

Snapshots of work under Progress:



Construction of Admin building of WTP at Mega PWS



Laying of Pipelines in Mega PWS to Lephripada, Tangarapalli, Sundargarh, Subdega & Balisankara etc.

Project 4: Mega Rural PWS Schemes for Mayurbhanj district (09Nos)

The 9 no. of projects have been approved in the 20th Board meeting held on 22.12.2020 with an approved amount of Rs. 1531.39 Cr. The approved project period is 2 years of construction and 5 years of Operation and Maintenance. Though the project period is 2 years but till the end of the reporting period the projects have not taken off as there is a delay of 1 year in the tendering process.

Coverage:

These 09 Mega Piped Water Supply projects at Mayurbhanj district will cover a total of 1522 no. of villages and 3,28,531 no. of household will be benefitted.

The status of the projects is as follows:

SL No	Mega PWS Projects	Sanctioned Cost (Rs in Cr.)	Name of RWSS division	Target no. of villages to be covered	Project Status
1	117 Villages under Samakhunta Block	139.71	Baripada	117	Work has been awarded. Construction work yet to start.
2	25 GPs Saraskana, Kuliana & Bangriposi block consisting of Sarasakana(14), Kuliana (8), Bangriposi (3)	231.57	Baripada	273	
3	25 GPs of Bangiriposi (16), Kuliana (9)	226.47	Baripada	286	
4	11 GPs of Baripada Block & 1 GP of Samakhunta Block (part)	123.52	Baripada	103	
5	13 GPs under Kaptipada Block. Part A	110.65	Baripada	96	
6	26 GPs of Udala (12) and Khunta Block (14)	269.58	Baripada	215	Tendering process is over and the executing agency has been identified and awaiting for Govt approval.
7	Badasahi Block (30) & GB nagar Block (6)	242.83	Baripada	268	
8	Reruana Block	86.4	Raiangpur	77	
9	Sukruli Block	100.66	Rairangpur	87	
	Total	1531.39		1522	

Project 5: One Mega Rural PWS Scheme for 13 GPs of Kaptipada block, Mayurbhanj district

This project has been approved in the 21st Board meeting with an approved amount of Rs. 149.91 Cr and the PIA for the project is RWSS Baripada division. The construction period proposed is 2 years and the Operation and Maintenance period is 5 years. Tendering process of the project has been completed and the Executing agency has also been identified. Work will start after approved from the Government.

Project 6: Augmentation of Water Supply to the ULBs of Keonjhar, Sundargarh & Jajpur district.



**Clear Water Rising
Main @ Keonjhar ULB**

Background:

The Augmentation of Water Supply Scheme was submitted by the Housing & Urban Development Department, Govt. of Odisha with a proposed budget Rs. 20.35 Cr. The objective of the project is to provide 135 LPCD of potable water for the urban people as well as the inhabitants of uncovered areas of ULBs of the mining affected districts. The project was approved by the Board of OMBADC in its 14th meeting. The PIAs identified for this project were Executive Engineers, Public Health Division of Keonjhar, Rourkela and Cuttack II and the tenure of the project was for 2 years. The PIA identified was the Public Health Engineering Organization of the 4 districts.

Major Project Components:

1. Laying of additional pipelines
2. Construction of Intake well

3. Water treatment plant
4. Sinking of production well
5. Elevated Service reservoirs
6. Pumps and generator

Project Coverage:

Twenty Water Supply projects proposal for 03 ULBs of Keonjhar district, 02 ULBs of Sundargarh district and 01 ULB of Jajpur district was approved by OMBADC for implementation by the H&UD department. However, 03 EPC projects were included in other schemes and the sanctioned value of the project was reduced to Rs. 20.35 Cr.

The ULB wise projects proposed are as follows:

Sundargarh	<ul style="list-style-type: none"> No. of ULBs : 02 No. of Projects: 02 Name of ULBs to be covered- Rourkela & Rajgangpur.
Keonjhar	<ul style="list-style-type: none"> No. of ULBs : 03 No. of Projects: 04 Name of ULBs to be covered- Anandapur, Joda & Champua(2 projects)
Jajpur	<ul style="list-style-type: none"> No. of ULBs : 01 No of Projects: 11 Name of ULBs to be covered- Vyasanager

Project Initiation:

After submission of DPRs by the H&UD department to OMBADC, 1st instalment of funds was released to Executive Engineer, Public Health Division (Keonjhar, Cuttack-II and Rourkela) for 17 Non-EPC Projects amounting to Rs. 3.06 Cr. on 18.03.2019 which is officially considered as the Project initiation date by OMBADC.

Status of the project in the FY 2020-21

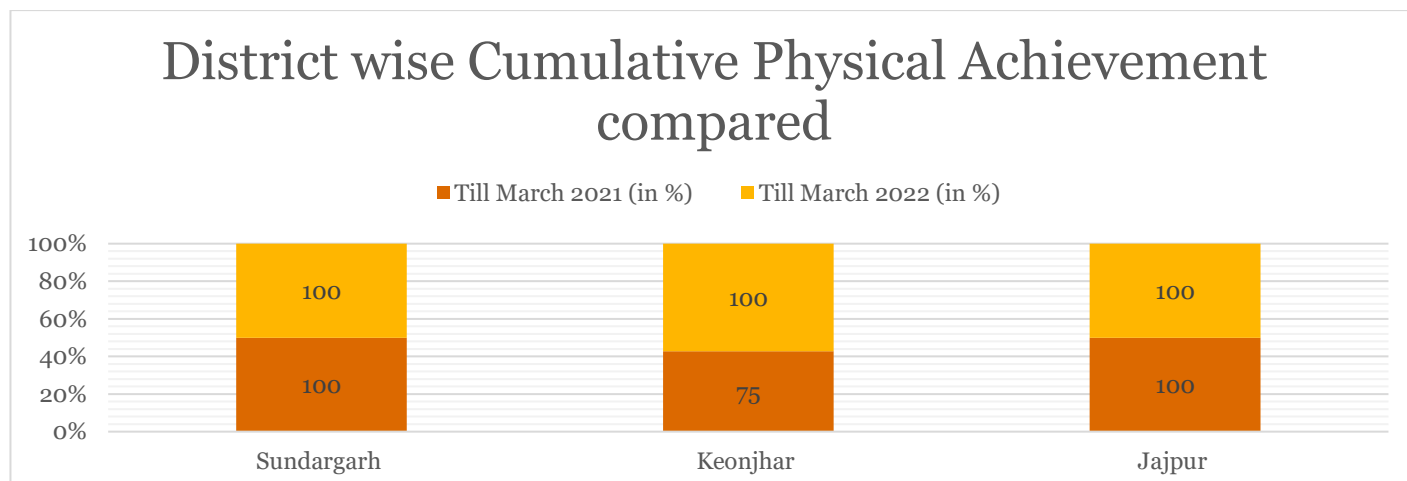
After release of 1st instalment of funds in March 2019, the project activities were initiated by the EEs of PHD. Till the end of the financial year 2020-21, in Keonjhar out of 04 sanctioned projects, 03 projects were completed, in Sundargarh 02 out of 02 sanctioned projects were completed, in Jajpur out of 11 sanctioned projects, 11 were completed. Thus, out of 17 projects, 16 activities were completed.

Status of the works carried out in the FY 2021-22

Physical progress: -

By the end of FY 2021-22, the balance 01 project was also completed and thus all the projects have been completed and commissioned.

The following table shows the district-wise physical achievements of projects:



Financial Progress: -

The following table shows district wise progress of projects as on March-2022

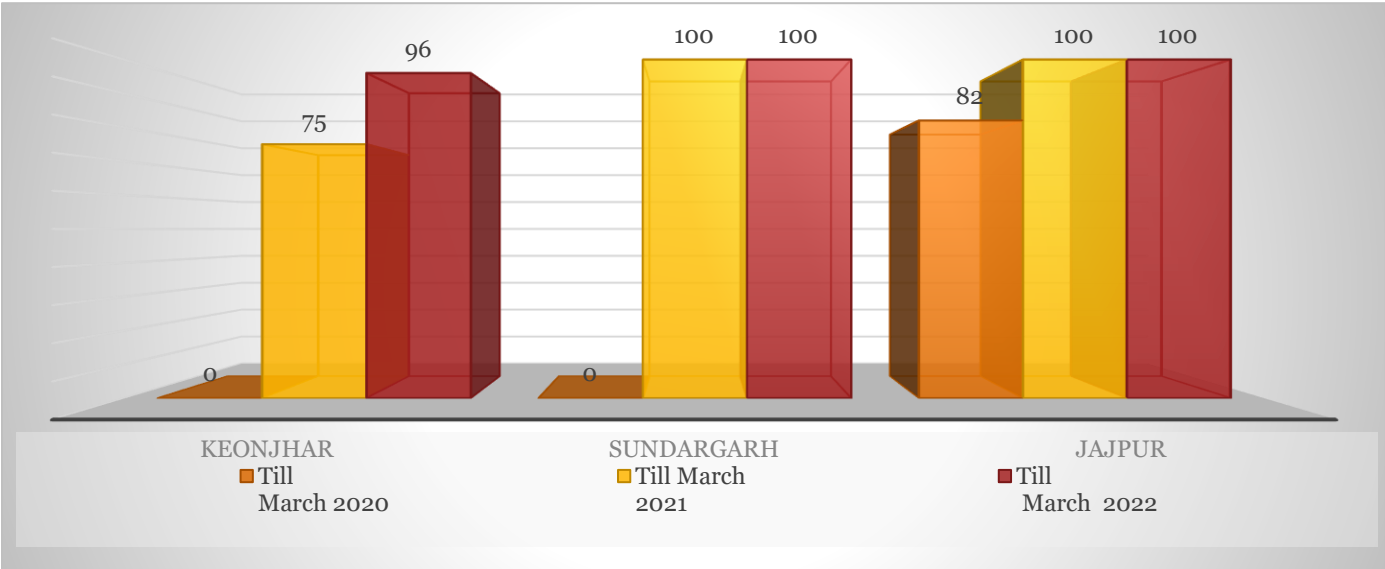
Sl No	Project at ULBs	No. of Non-EPC Projects	Sanctioned Amount INR Cr.	Fund released INR Cr.	Expenditure INR Cr.
1	Anandapur	1	1.10	10.79	10.335
2	Joda	1	1.00		
3	Champua	2	10.10		
Keonjhar		4	12.20	10.79	10.335
4	Rourkela	1	2.47	3.55	2.31
5	Rajgangpur	1	1.20		1.24
Sundargarh		2	3.67	3.55	3.55
6	Vyasanagar	11	4.48	4.15	4.15
Jajpur		11	4.48	4.15	4.15
Total		17	20.35	18.49	18.035

Note: Rs.0.23 Cr has been released to OUIDF for their administrative expenses and Dept. has submitted the utilization certificate in March 2022, where all amount has been utilized by OUIDF.

The figures in the above table depicts that out of the 3 ULBs, Sundargarh has utilized 100% of their agreement amount but Keonjhar and Jajpur are left with some balance amount. Therefore, the overall balance left with the department comes to Rs. 45.50 lakh (cumulative balance of Keonjhar and Jajpur).

If the trend of progress of the projects in the ULBs are observed, after release of 1st instalment in March 2019, the projects in Keonjhar and Sundargarh could not takeoff in the FY 2019-20 hence no expenditure is reported, but financial achievement of Jajpur had reached 82% . By the end of FY 2020-21, the financial progress of projects under Sundargarh and Jajpur reached 100% but Keonjhar could achieve only 75%. Finally, by the end of FY 2021-22, the financial achievement of Keonjhar reached 96% against the released amount and the projects were commissioned. The reason for less expenditure by 4% is due to the less estimated cost of the projects.

The following graph depicts the district-wise financial achievement of projects in %:



Glimpses of different Project components under progress:



Cascade Aerator @ Keonjhar ULB



Construction of Administrative building at WTP, Champua NAC under Keonjhar PH division.



Construction of ESR at Rourkela Township area, under Rourkela PH division.

Project 7: Drink from Tap Scheme in 7 ULBs & Balance 07 ULBs without 24/7 Drink from Tap

Background:

This project was approved by the Board of Directors of OMBADC in its 16th Board meeting held on December 27, 2019 and further concurred by the Oversight Authority in the 7th Review meeting held on September 06, 2021. The sanctioned value of the project stands at Rs. 880.64 Cr. The major objective of the project is improvement and extension in the existing distribution system, enhancement of storage capacity with improved transmission system to meet the clean drinking water demand for 14 ULBs in Mineral bearing districts. The project envisages to supply Drink from Tap water in 7 ULBs where water supply will be 24 X 7 and balance 07 ULBs will have without 24 X 7 water supply facility. The project will meet the target availability of 135 LPCD water supply with provision of house connection and installation of Consumer meter for each household.

Major Project Components:

- Construction of Intake well
- Water treatment plant
- Elevated Service reservoirs
- Underground reservoirs
- Raw Water & Clear water Rising main
- Distribution Pipeline

Project Coverage: -

“Drink from Tap” has been approved for 07 ULBs such as - Non steel plant areas of Rourkela, Rajgangpur, Sundargarh in Sundargarh district, Barbil, Joda, Keonjhar in Keonjhar district and Baripada in Mayurbhanj district and balance 07 ULBs – Anandpur, Champua in Keonjhar district, Karanjia, Rairangpur and Udala in Mayurbhanj district, Birmitrapur in Sundargarh district and Vyasagar in Jajpur district are to be taken up without 24 X 7 Drink from Tap component by the H&UD department. Details of district wise coverage of ULBs is as follows:

Sundargarh	Keonjhar	Mayurbhanj	Angul
<ul style="list-style-type: none"> •No. of ULBs : 04 •No. of Projects: 04 •ULBs covered- Rourkela, Rajgangpur, Sundargarh & Biramitrapur •Project Status: Ongoing 	<ul style="list-style-type: none"> •No. of ULBs : 05 •No. of Projects: 05 •ULBs covered- Anandapur, Joda, Champua, Barbil & Keonjhar •Project Status: Ongoing. 	<ul style="list-style-type: none"> •No. of ULBs : 4 •No of Projects: 04 •ULBs covered- Baripada, Karanjia, Rairangpur & Udala •Project Status: Ongoing 	<ul style="list-style-type: none"> •No. of ULBs : 01 •No. of Projects: 01 •ULBs covered- Vyasanager •Project Status: Ongoing

Project Initiation:

After submission of revised DPRs by the H&UD department to OMBADC, funds had been released to the WATCO (Water Corporation Odisha), the Implementing Agency as per the requisition. 1st instalment of Rs. 264 Cr. has been released to WATCO on 15.12.2021 for implementation of the project which is considered as the project initiation date. Till date the PIA has utilized Rs. 145.57 Cr.

Detail progress of the work carried out during the FY 2021-22: -

Physical progress: -

The H&UD department has started the implementation of projects in the 4 Districts. The components like Raw water rising main, Clear water rising main and Distribution pipeline procurement and laying is under progress. Intake Well, WTP, ESR & UGR Structural drawing and design in progress.

Sl. No.	Name of the district	No. of Projects	Target Households to be Benefited (in No.)	No. of projects Started till March 2022
1	Keonjhar	05	72357	05
2	Sundargarh	04	60882	04
3	Mayurbhanj	04	55171	04
4	Jajpur	01	15448	01
Total		14	203876	14



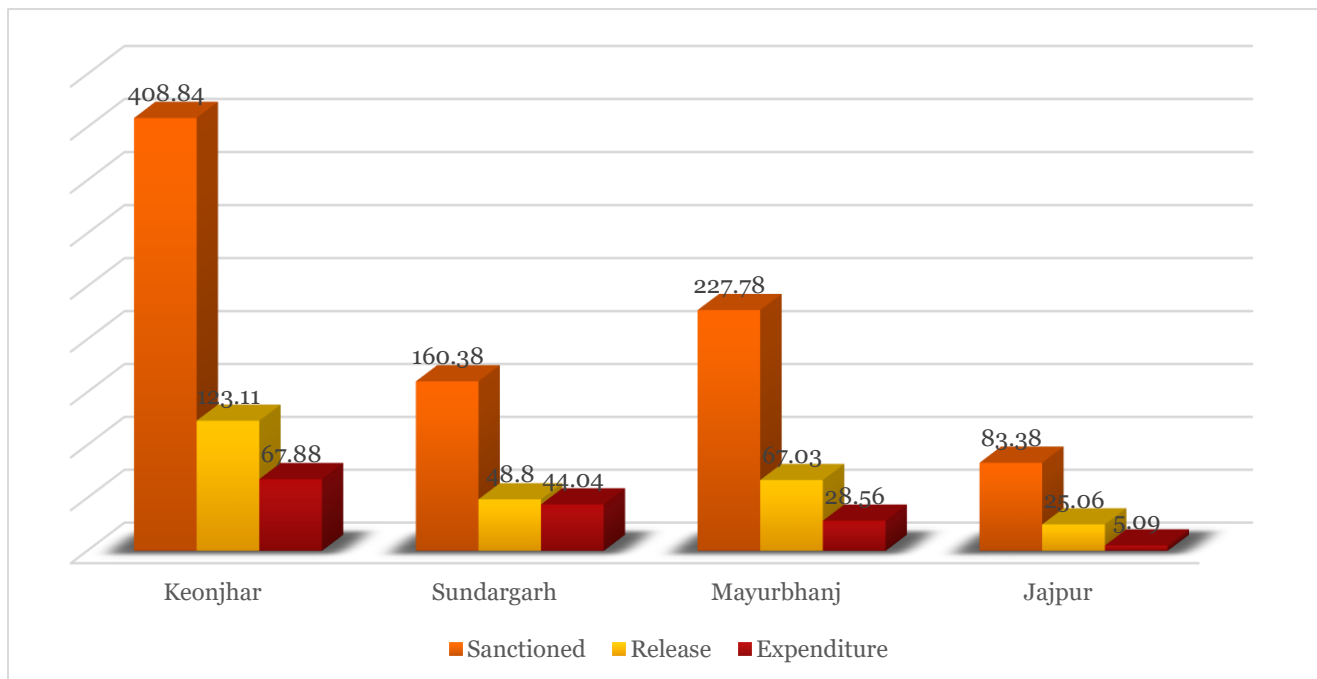
UGR at Rairangpur ULB

Financial Progress: -

The following table reflects the district wise progress of projects till March-2022

SI No	Project at ULBs	No. of Non EPC Projects	Sanctioned Amount INR Cr.	Fund released INR Cr.	Expenditure INR Cr.
1	Anandapur	01	87.309	123.11	67.88
2	Joda	01	91.686		
3	Champua	01	26.399		
4	Barbil	01	108.639		
5	Keonjhar	01	94.80		
Keonjhar		05	408.833	123.11	67.88
6	Rourkela	01	92.508	48.8	44.04
7	Rajgangpur	01	18.900		
8	Sundargarh	01	41.689		
9	Biramitrapur	01	7.289		
Sundargarh		04	160.386		
10	Baripada	01	91.723	67.03	28.56
11	Karanja	01	57.527		
12	Rairangpur	01	49.932		
13	Udala	01	28.615		
Mayurbhanj		04	227.797		
14	Vyasanagar	01	83.379	25.06	5.09
Jajpur		01	83.379	25.06	5.09
Total		14	880.40	264	145.57

The following graph depicts the district-wise % of achievement of projects:



Glimpses of different Project components under progress:





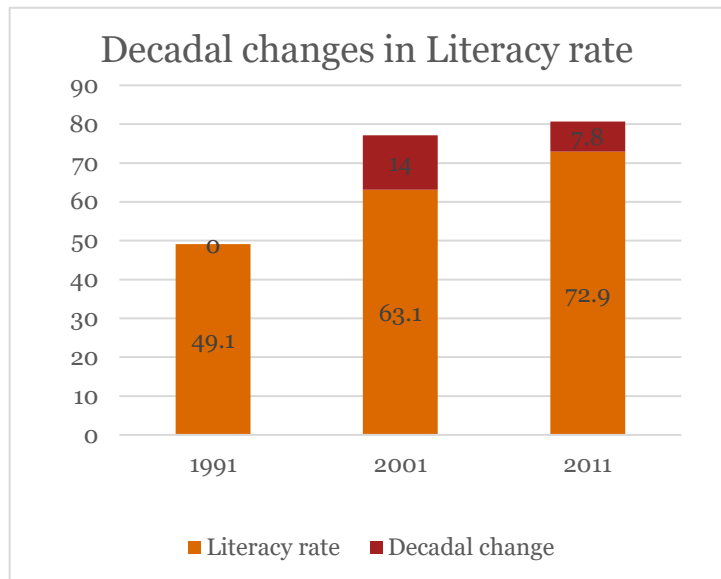
Education (Including Training & Education for Skill Development)





About Education Sector:

The literacy rate of Odisha is at par with the national literacy rate of 72.99%. In the year 1991, the literacy rate of Odisha stood at 49.1% which increased to 63.1% in 2001 and in 2011 it finally reached 72.9%. Thus, Odisha's literacy rate has increased considerably over the subsequent decades. The SC and ST communities had relatively lower literacy rates of 69.02% and 52.24% respectively in 2011. However, it is showing a rising trend over a period of time. The gender gap has also decreased i.e. from 31.7 in 1991 to 20.4 in 2011 for SCs and 24.2 to 22.5 over the same period for STs. Further, if the dropout rates are considered, it has increased for primary education from 0.43 in 2011-12 to 5.42 in 2018-19, and the trend in upper primary schooling is similar. Gender wise disaggregation shows that dropout rates have increased for both boys and girls, across all social groups, particularly those from STs.



The socio-economic condition of the tribal residing in the mineral bearing areas of the state have been affected due to mining activities which in turn has also affected their education level and livelihood opportunities. Therefore, it is important to see that the children after completing their formal education can be enrolled for vocational training and enhance their employability skills. To achieve this objective the children should have access to higher and technical education with ICT enablement for which infrastructure upgradation of existing schools and colleges and setting up of new educational institutions is required. The investments by OMBADC since 2019 in the education sector are in line and as per requirements in the mineral bearing areas. The funded projects pertain to infrastructure development in the government schools, ICT enablement, developing Center of Excellences, funding of skill development trainings etc. The major intervention areas that are being funded through OMBADC under different projects approved for different line departments are as under:

- Development of infrastructure like additional classrooms, toilets, library rooms, boundary walls etc.
- Provision of renewable energy, furniture and drinking water facility
- Development of Smart Classrooms and ICT labs
- Development of infrastructure facilities in ITIs and Govt. engineering schools to develop them as Center of Excellence.
- Development of advanced tool rooms for different trades to meet state of the art technology.

The detailed progress of individual projects in the FY 2021-22 are:

Project 1: Development of Infrastructure & other facilities in Elementary schools, Secondary Schools, 40 Odisha Adarsh Vidyalayas (OAVs) including KGBVs across 4 districts

Under this project, funds have been approved by OMBADC for development of additional infrastructure in elementary and secondary schools, procurement of furniture, establishment of ICT labs and smart classrooms and science kits. Similarly, for OAVs, projects like additional infrastructure in OAVs, ICT labs and smart classrooms, furniture or classrooms and lighting of campus through solar power are approved for funding. For KGBVs, considering the safety and security of girl student, campus lighting through renewable energy has been approved for funding by OMBADC. The PIAs for the Project are SPD, OSEPA and SPD OAV.

Project coverage:

The project components will be implemented in 5413 Elementary schools, 1915 Secondary schools, 40 Odisha Adarsh Vidyalayas and 29 Kasturba Gandhi Balika Vidyalayas in the 04 priority districts of OMBADC i.e.- Keonjhar, Sundargarh, Mayurbhanj and Jajpur.

Project initiation:

The project was sanctioned by the Board of Directors of OMBADC in the 14th BOD held on 25.05.2019 with a project period of 5 years. The 1st instalment of funds amounting to Rs. 72.88 Cr was released on 28.03.2019 which is the project initiation date. Till March 2022, funds to the tune of Rs. 470.48 Cr has been released to the PIA.

The comparative progress of works between the FY 2020-21 and 2021-22 is given below:

a) Physical Progress:

Category of School	Component	PIA	Progress (as of 31.03.2021)	Progress (as of 31.03.2022)
Elementary Schools (1645 nos.) Approved Value: Rs. 579.15 Cr. DPR Value: Rs. 431.30 Cr.	Infra works*	PRI(BDOs) /DPC&RW SS	Total works - 5413 Work in Progress - 364	Total works - 5413 Completed works- 1912 Works in progress- 2723
	Furniture for Students	Dist. Collector (DPC)	Dropped in Keonjhar and Jajpur. Not initiated in Mayurbhanj & Sundargarh.	Procurement completed in 533 schools out of 833.
	Science kit	OSEPA	Re-tender by NCERT is awaited.	DPR preparation for Science kit under progress.
	ICT Lab & Smart Classrooms	OCAC	Work order is placed with OCAC on 03.03.2021.	Total 897 Smart Classrooms completed. ICT Lab- RFP under preparation by OCAC.

Category of School	Component	PIA	Progress (as of 31.03.2021)	Progress (as of 31.03.2022)
*Infra works- Additional Classrooms, Toilets, Boundary wall, Drinking water facility, Electricity etc.				
Secondary Schools (483 nos.) Approved Value: Rs. 342.09 Cr. DPR Value: Rs. 276.77 Cr.	Infra works	PRI(BDOs) /DPC&RW SS	Total works- 2171 Works in Progress - 34	Completed works- 737 Work in progress- 981.
	Furniture for Students	Dist. Collector	Dropped in Keonjhar and Jajpur. Not initiated in Mayurbhanj & Sundargarh.	Procurement completed in 227 schools out of 252.
	ICT Lab & Smart Classrooms	OCAC	Work order is placed with OCAC on 03.03.2021.	584 Smart Classrooms completed. ICT Lab- RFP under preparation by OCAC.
*Infra works- Additional Classrooms, Toilets, Boundary wall, Drinking water facility, Electricity etc.				
OAVs (40 nos.) Approved Value: Rs. 727.04 Cr. DPR Value: Rs. 481.44 Cr.	Infra - Civil Construction*	RD, R&B	Work in progress - 54 out of 241.	Works completed- 107 Works under progress 114.
	Infra - Renewable Energy (20 KW Solar Station, Campus Lighting)	OREDA	Tender is finalized and Order is to be issued.	Works completed -39 out of 40.
	Furniture & Equipment	OAVs	DPR received on Dt. 02.03.2021.	Rs.6.06Cr. released to DEO office for procurement furniture.
	Infra Technology based Education (Science Lab, Smart Class, ICT lab, TLM etc.)	OAVs		Rs.9.81 Cr. released to OCAC
	Safety & Security (Fire Fighting arrangement, CCTV etc.)	R&B		Rs. 1.44 Cr. released to R&B. Rs. 0.75 Cr. released to OCAC for installation of CCTV in OAVs.
KGBVs (29 nos.) Approved Value: Rs. 3.92 Cr. DPR Value: Rs. 4.43 Cr.	10 KW Solar Power Station (29 Schools)	OREDA	Tender finalized and Order is to be issued.	Installation and Commissioning of 10 KW Solar Power Station completed in 29 KGBVs.
*Infra - Civil Construction - Boundary Wall, Cycle Stand, Dining Hall, Approach Road, Playground, Hostels etc.				

The above table justifies that considerable physical progress is reported in all categories of schools in the current FY compared to the last FY.

b) Financial Progress:

Category of Schools	Sanctioned Funds in INR Cr.	Funds Released (Rs. in Cr.)	Funds transferred to District in Rs. Cr.	Expenditure Till March 21 (Rs. in Cr.)	Expenditure Till March 22 (Rs. in Cr.)	% age Utilization
Elementary Schools	579.15	179.00	178.59	1.43	123.76	69.14 %
Secondary Schools	342.09	100.52	96.42	0.76	68.32	67.97%
OAVs	727.04	190.96	178.65	1.47	52.12	27.29 %
KGBVs	03.91	0.00	02.99		2.75	91.97%
Total	1652.19	470.48	456.65	3.66	246.95	256.37

Similarly, the financial progress observed is at par with the physical progress as the expenditure reported in the FY 2020-21 was only Rs. 3.66 Cr against the released funds of Rs. 72.88 Cr whereas, in the current FY, the department has successfully utilized more than 50% of the released funds.



Project 2: Upgradation of Center of Excellence and Science Laboratories at N.C. College, Jajpur

Background:

Narasingh Choudhury (Autonomous College) is a premier academic institution situated in Jajpur catering to the needs of the poor and backward community students from the district. The existing facilities in the college are old and needs to be upgraded to cater to the aspirational needs of the students. OMBADC approved the project in the 15th BoD meeting held on 08.08.2019 and sanctioned fund of Rs. 15.20 Cr. for infrastructure upgradation works.

Major Project components:

Following are the key components of the project:

1. *Construction of Classroom*
2. *Library*
3. *Research Room*
4. *HoD Room*
5. *Conference Room*
6. *Toilets*
7. *Installation of Lab Equipment*
8. *Electrification and Water Supply*

Coverage:

This college caters to the educational needs of Jajpur as well as districts nearby to Jajpur. Tribal as well as non tribal students are enrolled in the institution.

Project Initiation:

Though the project was sanctioned in the 15th BOD meeting held on 08.08.2019, the work has been delayed due to late submission of the DPRs. PIA identification was also very delayed. Finally Executive Engineer Panikoili was declared as the PIA and the project was initiated with release of Rs. 4.56 Cr towards 1st instalment on 28.08. 2021. Now the work is under progress.

Physical and Financial progress:

The Executive Engineer Panikoili has started the infrastructure works but the details of the progress has not been intimated. The proposed works are expected to be completed by December 2022.

Project 3: High School Transformation under 5T initiative (Phase I & II)

Background:

COVID-19 induced pandemic posed a major global challenge as it severely impacted the formal school education system in Odisha. The closure of schools has impacted children's education, particularly of those from marginalized sections. Partial or full school closures owing to the COVID -19 pandemic have affected almost 168 million¹ children globally and it is estimated that 100 million additional children will fall below the minimum proficiency level in reading because of this health crisis.

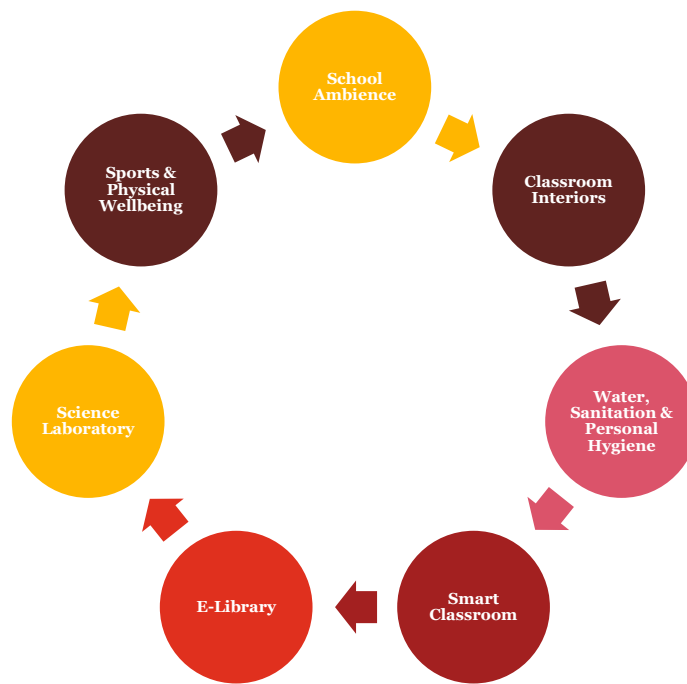
The state government is committed to take transformative steps for recovery of Education from this global catastrophe. Its *High School Transformation program under 5 T initiative* seeks to transform the school education through holistic development of school infrastructure and academic enrichment program. Using technology as a catalyst, the programme seeks to make teaching and learning process enjoyable and attractive for teachers and students alike.

As education is one of the priority sectors for OMBADC for bringing about area development and development of tribals in districts impacted by mining it is committed to support the State Government in implementation of the High School Transformation program focusing on the need of children from mining affected districts with the participation of School and Mass Education Department, OSEPA at the state level and with the participation of District Collectors and Block Development Officers at the ground level.

Project Coverage:

The following table presents the coverage of the project in phase I and Phase II.

Dist.	Angul	Dhenkanal	Deogarh	Jajpur	Jharsuguda	Mayurbhanj	Sundargarh	Total
Phase I								
No. of Schools	10	10	40	65	25	60	50	260
Phase II								
No. of Schools	16	17	47	195	80	339	195	889



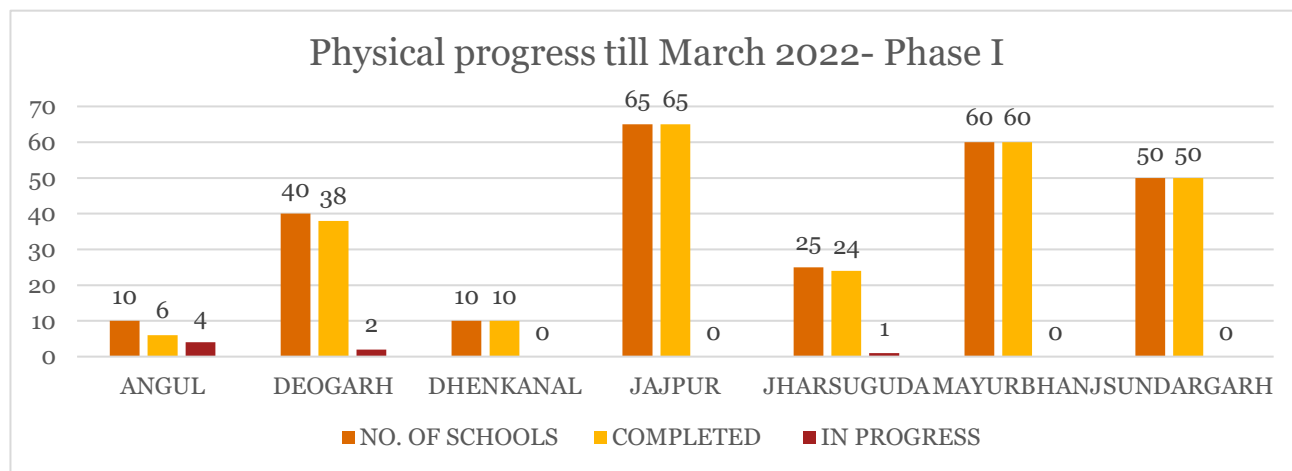
¹ Source: UNESCO, 2021

Project initiation:

OMBADC has provided funds to the tune of Rs 689.4 Cr. to School and Mass Education Department for transformation of 1146 schools in two phases in Angul, Dhenkanal, Deogarh, Jajpur, Jharsuguda, Mayurbhanj and Sundargarh Districts. Phase 01 of the School Transformation project under 5T comprising of 260 secondary was approved in the 21st Board of Directors meeting of OMBADC held on 28.06.2021 and the funds amounting to Rs. 156 Cr was released to OSEPA on 05.08. 2021. Similarly, under Phase II of the project, a total of 889 secondary schools were approved in the 22nd BOD meeting for improvisation and Rs. 533.40 Cr was released to OSEPA on 27.09.2021.

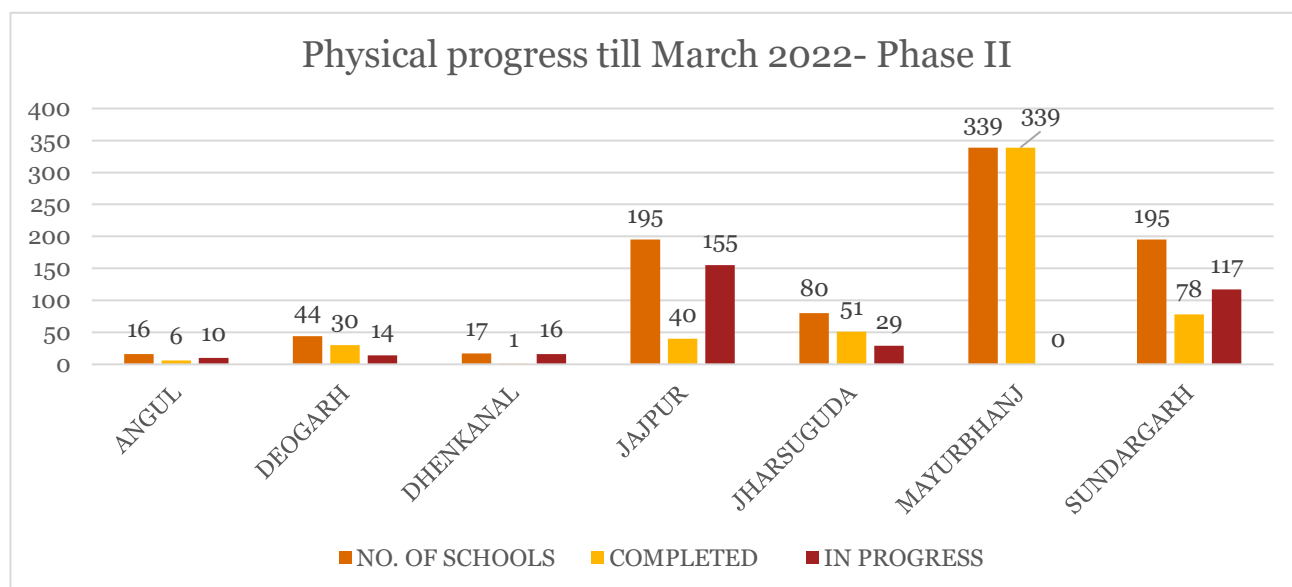
The district wise break up of Secondary schools taken up under both the phases is as follows:

The progress of the two phases is reflected below:



Considerable progress is registered by the department as all the districts except Angul have performed well and achieved the projected target. Out of 260 schools, works have been completed in 253 schools and work is in progress in 07 schools.

The achievement in the schools taken up in the 2nd phase is depicted in the following graph:



By March 2022 only Mayurbhanj district has achieved its target. Deogarh and Jharsuguda have achieved 68% and 64% respectively whereas Sundargarh has achieved only 40%. Progress in the other 3 districts is excessively low.

It is hoped that the school transformation program will have a comprehensive and a far-reaching transformational impact on teaching and learning in schools.

Snapshots reflecting the comparative progress in Secondary schools under 5T initiative

Before



After



Chakadola Bidyapitha, Rasagovindpur: Ambience

Before



After



Govt. SSD High School, Bisoi: Sanitation (Toilet)

Project 4: Development of Educational Infrastructure for SC & ST Students of SC & ST Department Schools

Background:

In the key operations areas, OMBADC puts a strong emphasis on delivering high-quality education for mining-affected children. As a result, the ST&SC Development Department has taken the initiative to implement interventions in its residential schools to improve educational quality, such as language laboratories, activity-based learning, and so on. To meet the increased demand resulting from growing student strengths, school infrastructure must be built, expanded, repaired, and maintained, as well as residential facilities, drinking water, toilet and sanitation facilities, kitchen and dining halls, and so on which are important part for providing better education.

Therefore, the project submitted by the ST & SC development department was approved by the Board of Directors of OMBADC pertaining to new infrastructure development like construction of hostel buildings with related infrastructure facilities, additional classrooms, library building etc. The major objective of the project is to enhance the quality of life of the ST & SC students by providing basic facilities and technology based education.

Major Components of the projects:

- Infrastructure development of residential schools like new hostel buildings, additional classrooms, kitchen and toilet facility, library building etc.
- Provision of Smart Classroom
- Improving IT Infrastructure.

Project coverage:

The project will be implemented in the 7 ITDAs of Keonjhar, Mayurbhanj and Sundargarh. In Mayurbhanj, the project is being implemented by the Project Administrators of Rairangpur and Karanjia. In Sundargarh the ITDAs of Panposh, Bonai and Sundargarh are implementing the project components and similarly in Keonjhar, the Project Administrator of Champua and Keonjhar are PIAs. A total of 186 projects are being implemented with support of the PA ITDAs.

Status of the project in the FY 2020-21:

As per the progress reported in the department, by the end of FY 2020-21, out of 186 projects, 90 projects were completed, work in progress was reported in 79 projects, tender had been invited for 28 projects and balance 09 projects were not initiated. The total expenditure reported by the department was Rs. 11.25 Cr.

ITDA wise progress for the FY 2021-22

#	District Name	Implementing Agency	Total Projects	Completed	Work in Progress	Not Started
1	Sundargarh	ITDA, Sundergarh	32	27	5	0
2		ITDA, Bonai	9	0	8	1
3		ITDA, Panposh	9	4	5	0

#	District Name	Implementing Agency	Total Projects	Completed	Work in Progress	Not Started
	Sub-Total		50	31	18	1
4	Mayurbhanj	ITDA, Rairangpur	31	30	0	1
5		ITDA, Karanjia	6	4	1	1
	Sub-Total		37	34	1	2
6	Keonjhar	ITDA, Keonjhar	58	41	15	2
7		ITDA, Champua	41	29	11	1
	Sub-Total		99	70	26	3
	Total		186	135	45	6

Compared to the previous year where the department had completed 90 projects, considerable progress has been recorded in the FY 2021-22 where out of the approved 186 works, 135 works have been completed, work in progress is reported in 45 projects and 06 projects have not been initiated. It is expected that by the next financial year the project will complete all the approved projects.

Major Activities performed during the FY 2021-22:

- Enhanced quality of life of students by providing basic amenities in educational institutions operational under SSD Department.
- Creation of additional classrooms in Educational Institution and better teaching facilities for the students.
- Drinking Water Provision in Schools and Hostels, including installing RO systems.
- Construction of Dining Halls & Kitchen in the hostels.
- Construction of School Libraries to create study atmosphere for the students along with books to enhance their knowledge and understanding on various subjects.

Glimpse of Activities:



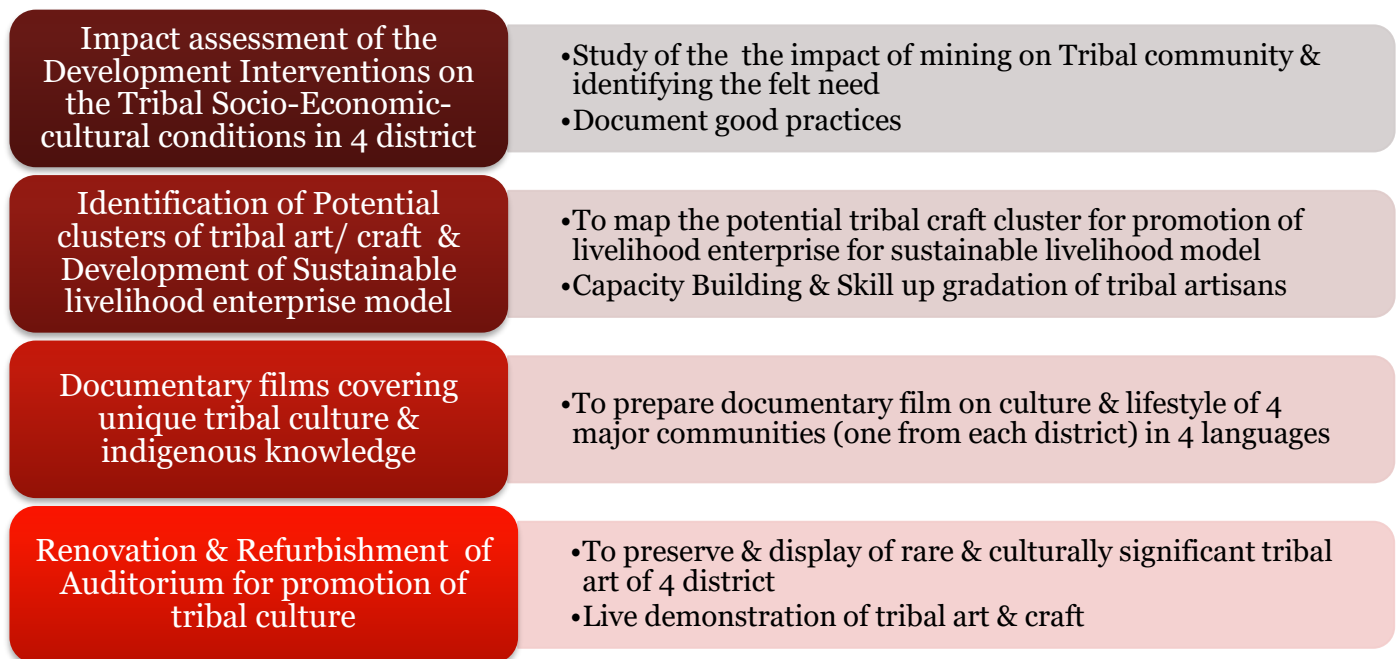
Project 5: Activities pertaining to Tribal Culture, SCSTRTI

Background:

The project entitled “Activities pertaining to Tribal culture” is being implemented by the ST & SC Development department through the SC & ST Research and Training Institute, Bhubaneswar to undertake Impact assessment exercises and understand impact of the development interventions on the lives and livelihoods of the tribals residing in the mining districts. Further, the project also focused on assessment of other converging activities like identification of potential craft clusters who could be supported in developing their art & craft as a sustainable livelihood option for them. Activities like development of documentaries capturing the culture and indigenous knowledge of the tribal community was also approved along with renovation of the existing museum where tribal exhibits could be stored.

Major project components:

The major project components along with the activities undertaken under each component is reflected in the following figure:



Project coverage:

The activities proposed under each component is being implemented in the OMBADC supported mining districts of Keonjhar, Sundargarh, Mayurbhanj and Jajpur. The target group for this project is the tribal community residing in the 04 districts namely the Bathundi, Bhuyan, Bhumij, Gond, Juang, Kora, Munda, Oraon, Santhal etc. The project has tried to cover these major tribes in their study and also captured their art, craft, livelihood pattern etc. through video documentation. Potential clusters have also been mapped under this project whose art and craft can be supported through capacity building and skill upgradation and a sustainable livelihood model can be developed.

Project Initiation:

The project was approved by the OMBADC Board of Directors in the 16th BoD meeting held on 27th December 2019 with a total budget of Rs. 4.60 Cr. The 1st instalment of funds amounting to Rs. 1.50 Cr was released on 18th Dec. 2020.

Activities undertaken during the FY 2020-21:

Some of the major activities that were undertaken by the PIA during 2020-21 constituted of hiring of the research team for completing the Impact assessment exercise, finalization of the research framework, induction of the team members hired for the impact assessment exercise, district visit for identification of sample pockets for undertaking the exercise and hiring of an agency for initiating the video documentation works.

Activities completed in the financial year- 2021-22:

- Under the first component related to the Impact assessment exercise, the PIA has submitted the draft Impact assessment report. Post feedback by OMBADC, the final version of the report has been submitted.
- Identification of craft clusters has also been completed and their capacity building activities have also been completed by the SCSTRTI. The business development plan for strengthening the market linkage has also been prepared.
- The video documentation exercise has also been completed and the video films have been submitted to OMBADC.
- Work is in progress in renovation of the tribal museum.

Glimpse of the activities:



Capacity building session of craft cluster workers



Rural artisan clusters at work



Capacity building of craft cluster workers



Stall put up by SCSTRTI in a fair

Project 6: Modernization of Govt. ITI and Engineering Schools and Skill Development of Tribal Youth

Background:

Skill development helps build a strong foundation for students at school level. It helps build self-esteem, confidence and leadership skills, problem solving skills and collaboration. It is an important driver to address poverty reduction by improving employability and productivity in individuals. With the loss of traditional livelihood avenues like farming, association with NTFP products etc. due to mining, new skills are required by youth to compete in the open market. Hence, to generate new avenues for skilling of youth and their employability, OMBADC approved the project to be implemented through the SD & TE dept.

The project consists of two sub-projects a) Modernization of Govt. ITI and Engineering Schools b) Skill Development of Tribal Youth. The first is the project aimed at up-gradation/modernization of existing Govt. ITIs & Engineering Schools, standardizing them; and at the same, empowering with the best technology solutions to become state of the art institutes for skill training for youths. The second project has proposed to give focused attention on the employability of youths, especially the tribal youths of Keonjhar, Mayurbhanj, Sundargarh & Jajpur through intensive skill training programmes.

Project Coverage:

- The modernization of existing government facilities have been done in the two districts- Keonjhar and Sundargarh in the four government institutes- ITI Barbil, OSME, ITI Rorkela and UGIE Rourkela.
- The skill development of tribal youths project have been implemented in four districts of Keonjhar, Sundargarh, Jajpur and Mayurbhanj.
- Setting up of 48 seated Boys and 48 seated Girls Hostel in two SDC at Mayurbhanj and Jajpur District. Further pre- recruitment training camps in four districts.

Project initiation:

The project was approved in the 14th BOD meeting held on 5th April 2019 for a period of 5 years for OSDA and 2 years for DT&ET with a sanctioned cost of Rs. 65.69 Cr. The first instalment of funds amounting to Rs. 5.13 Cr was released to the department on 28th March 2019 which is treated as the project initiation date for the project.

A snapshot of the Financial Project in (FY 21-22) is as follows:

Sl. No	Name of the Project	PIA	Total Budget	Fund released (Cr)	Total Exp.	UC Submitted
1	Skill Development of Tribal Youths	OSDA	18.19	11.97	8.55	8.55
2	Modernization of Govt. ITIs & Engineering Schools	DT&ET	47.40	14.22	6.72	6.72
Total			65.59	26.19	15.27	15.27

Component -wise detailed understanding of the project and project initiation is explained in the subsequent sections.

1. Modernization of Govt. ITI and Engineering Schools

The modernization of Govt. ITI and Engineering colleges is important to suit skill development needs of the industry. For this purpose, empowering with the best technology solutions to become state of the art institutes for skill training for youths is the main thrust.

Project details

Objective

- Up-gradation/modernization of existing Govt. ITIs & Engineering Schools
- Standardization of the Institutions

Key interventions:

- Furnishing of Smart classrooms & IT labs
- Modernization of old workshops & Provision of furniture
- Toilet and drinking water facility
- Improvement of playground & sports facility
- Construction of infrastructure for additional 50000 sq ft.

Project Initiation - 28.03.2019

Project Duration- 2 years

PIA- Directorate of Technical Education & Training, Odisha

Financial Status of project in FY 21-22

Components	Information				
Project Name	Modernisation of Govt. ITIs and Engineering Schools				
Total Approved/Sanctioned amount under the Project	47.40Crores				
Institute wise sanctioned/approved & Expenditure amount	District	Institute	Approved Amount (in Cr)	Amount released in 1 st phase (in Cr)	Status on submission of UC as on 31.3.2022
	Keonjhar	ITI, Barbi	18.80		1.00
	Keonjhar	OSME	7.50		1.5675675
	Sundargarh	ITI, Rourkela	16.80		1.7505895
	Sundargarh	UGIE, Rourkela	4.30		2.4147232
Total:		47.40	14.2181		6.7328802
Amount claimed/Released in 1 st phase	9.0381 Crores vide Order No.764/OMBADC-3/19dtd.17.7.19 & 5.18 Crores dtd. 7.12.21				

Components	Information
Total cumulative UC submitted as on 31.3.2022(for FY2019-20,20-21&21-22)	6.7328802 Crores.

The project progress is delayed due to the Onset of COVID-19.

Physical Status of Project as in FY 21-22

Name of the Institution	Progress (Nos.)				
	No. of Works	Completed	Work under progress	Tendering Stage	Not Started
UGIE Rourkela	09	03	04	01	01
Govt. ITI, Rourkela	12	03	08	01	-
OSME Keonjhar	13	03	04	06	-
Govt. ITI, Barbil	01	-	-	01	-
Total	35	09	16	09	01

Out of the approved 35 works, around 9 works have been completed and 16 works are under progress.

Expected Outcomes

Advanced training & skill development facilities for youths which would match the present-day demand of skilled youth.

2. Skill Development through Training of Tribal Youth

Skill development is an instrument to empower the individual and improve his/her social acceptance in the society. In this regard, OSDA has received funds from OMBADC under the following components:

Sl. No.	Name of the Scheme	Target (For 5 years)	Cost Estimate (For 5 years)
1	Skill Development Training of youth in four districts	1200 (@ 240 youths per annum)	Rs 8.80 Cr
2	Setting up of 48 seated Boys and 48 seated Girls Hostel in two SDCs at Mayurbhanj & Jajpur District	Hostels in 2 SDCs (48 seated Boys and 48 seated Girls Hostel in each SDC)	Rs 8.05 Cr. (@ Rs.2.07 Cr. per Girls Hostel and @ Rs. 1.95 Cr. per Boys Hostel).
3	Pre-Recruitment Training Camps in four districts	20 camps (@ 1 per district per year)	Rs.0.97 Cr. (@ Rs.0.05 Cr. per camp)
	Total Project cost		Rs.17.83 Cr.
	2% Administrative cost		Rs.0.36 Cr.
	Grand Total Project cost		Rs 18.19 Cr

Project details

Objective

- Address unemployment among educated and semi-educated tribal youth through ease of access to facilities
- help them to find new job and upgrading their skills

Key interventions:

- Skill Development training for tribal youth
- Pre-Requirements training camps of one month duration for employment in Defense and Paramilitary Services
- Setting up Hostels in Skill Development Centres (SDCs) at Mayurbhanj and Jajpur

Project Initiation: 28/03/2019

Project duration: 5 years

PIA: Odisha Skill Development Authority (OSDA)

Physical Progress of Work / Utilization of funds:

Skill Development Training Programme (2021-22)

Name of the PIA	Name of the Trade	No. of Candidates Completed Training	No. of candidates undergoing training	Total Candidates	No. of Candidates Placed
Siesta Hospitality Services Ltd.	Electrician Domestic Solutions	169	-	169	136
	Food & Beverage Steward	21	-	21	19
Total		190	-	190	155
Dalmia Bharat Foundation	General Duty Assistant	155	-	155	106
	Sewing Machine Operator	107	-	107	60
	Retail Sales Associate	86	-	86	19
	Beauty Therapist	56	-	56	-
	Electrician Domestic	75	-	75	31
Total		479	-	479	216
Grand Total		669	-	669	371

Around 371 candidates out of 669 have been in the FY 2021- 2022. The numbers are expected to increase since few students are still in the placement process.

Cumulative Year Wise Skill Development Progress Report

Year	Annual approved Training Target	No of youth trained	No of youth placed
2019-20	240	418	280
2020-21	240	416	322
2021-22	240	669	371

It is observed that the number of youths trained has exceeded the annual approved training target since the past three years.

Construction of Hostels in two SDCs

Target for 2019-20	Cost Estimate (One time)	Physical & Financial progress
One time construction of 48 seated Boys and 48 seated girls Hostel in two SDCs i.e. Mayurbhanj and Jajpur	Rs.8,05,96,000/-	<ul style="list-style-type: none"> Funds amounting to Rs.2.42 crores has been released to IDCO on 18.5.2019 for construction of 48 seated Girls Hostel with an estimated cost of Rs. 2,07,69,000/- and 48 seated Boys Hostel with an estimated cost of Rs. 1,95,29,000/- in each of the two SDCs i.e. Bankisole, Baripada in Mayurbhanj district and Chandama in Jajpur district. IDCO has submitted UC of Rs. 85,23,607/- on 19.10.2020 and in the meantime has submitted the 2nd UC of Rs. 1,56,76,393/- on 7.4.2021. While the 1st UC has already been submitted to OMBADC, the 2nd UC has also been submitted to SD&TE Department for onward submission to OMBADC very soon. The 2nd installment of Rs. 1.2 crore has been released to IDCO in the meantime thereby taking the total expenditure to Rs.3,62,00,000/-. The 3rd installment of Rs. 3.0 crore has been released to IDCO in the meantime thereby taking the total expenditure to Rs.6,62,00,000/-.

Snapshots of the project



Practical training Dalmia Bharat Foundation, Sundargarh



Training on Machine Operator- Plastic Processing by CIPET-BBSR

3. Construction of 48 seated Boys and Girls Hostel:

Target	Cost Estimate (One time) INR Cr.	Physical & Financial progress
Construction of 48 seated Boys and 48 seated girls Hostel in two Skill Development Centers (SDCs) at Bankisole-Mayurbhanj & Chandama-Jajpur	Rs. 8,05,96,000/-	<ul style="list-style-type: none"> The construction of Boys and Girls Hostel at Bankisole, Baripada in Mayurbhanj district has been completed and leased out to the PIA. The construction of Hostel at SDC, Chandama, Jajpur has been completed and handed over to the Training Provider.



Practical session conducted under Electrician at Siesta Hospitality Services at Mayurbhanj



Practical session conducted under F&B Trade by Siesta Hospitality Services at



Training on General Duty Asst. by Dalmia Bharat Foundation, Sundargarh



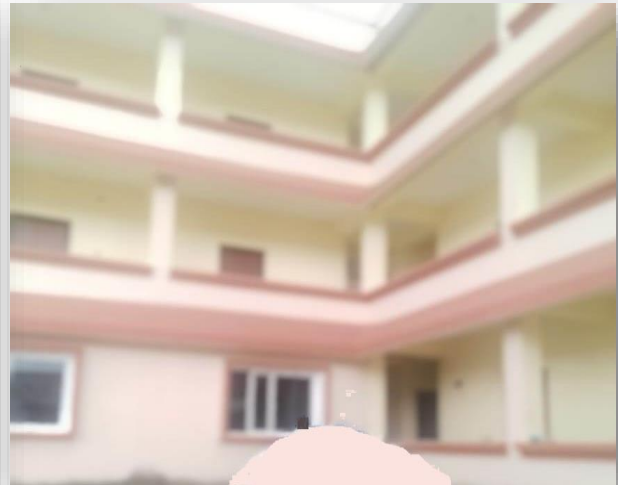
Girls Hostel, Baripada, Mayurbhanj



Boys Hostel, Baripada, Mayurbhanj



Girls Hostel, Jajpur



Boys Hostel, Jajpur



Construction of Library and Dining Hall



4. Organization of Pre Recruitment Training Camps (PRT)

- PRT camps have been organized one each in the year 2019-20 and 2020-21 in all the four Districts namely Sundergarh, Keonjhar, Mayubhanj and Jajpur thereby totaling to 8 PRT camps.
- On completion of PRT in 2019-20 in Rourkela candidates participated in the Recruitment Rally which was held in Sambalpur from 27.8.2019. Two candidates namely Anikesh Toppo and Mukesh Mundari were selected and joined in the Army.
- On completion of PRT camps in all the four Districts in the year 2020-21, trained youth of all the four PRT participated in the Army Recruitment Rally held at Air Field, Rangeilunda, Gopalpur, Ganjam in the month of March, 2021.

**Organising PRT Camps
with 50 Nos. of Tribal
Youth by Dist.
Employment Officer
Sundargarh**



Cumulative Year Wise Part Progress Report

Name of the District	Annual approved PRT Target	No of PRT Conducted		
		2019-20	2020-21	2021-22
Keonjhar	1	1	1	1
Jajpur	1	1	1	1
Mayrubhanj	1	1	1	1
Sundergarh	1	1	1	1

5. Outcome of the Project

- 973 youths have been placed in different organisations since the inception of the project
- 48 seated Boys and 48 seated girls Hostel in two Skill Development Centers (SDCs) at Bankisole-Mayurbhanj & Chandama-Jajpur has already been made functional and leased out to the training providers.
- 12 Pre-recruitment training (PRTs) have been conducted which has resulted in overall better placements.

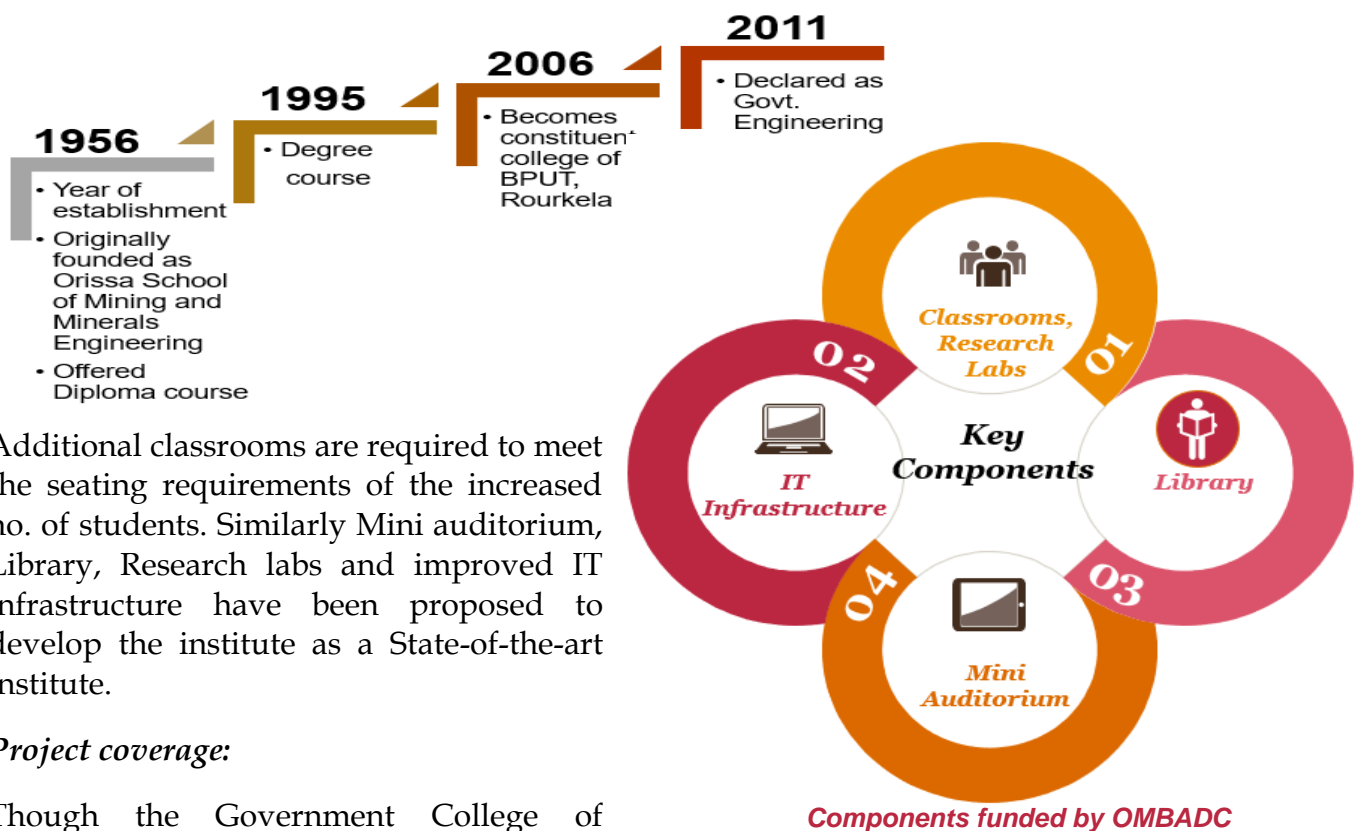
Project 7: Construction of Academic Block & Library Building at Govt. College of Engineering, Keonjhar by SD&TE Dept.

Background:

The Govt. College of Engineering, Keonjhar is a higher technical education institute promoting education and research in the field of mining and minerals engineering. The institute which was originally founded as Orissa School of Mining and Minerals Engineering in 1956 as a diploma school began offering degree program in 1995. The institute became a constituent college of BPUT, Rourkela in 2006 and was declared as a Govt Engineering College in 2011.

The institute is facing infrastructural challenges such as shortage of classrooms, laboratories and workshops to meet the requirement of intake capacity which has been doubled.

Major Project components:



Additional classrooms are required to meet the seating requirements of the increased no. of students. Similarly Mini auditorium, Library, Research labs and improved IT infrastructure have been proposed to develop the institute as a State-of-the-art institute.

Project coverage:

Though the Government College of Engineering is situated in Keonjhar, but it caters to the need of students of whole state as well as students of other states also.

Project Initiation:

The project was approved by the BOD of OMBADC in its 19th Board meeting held on 28.10.2020. Due to delay in submission of the DPR, the 1st instalment of the funds amounting to Rs. 10.017 Cr was released on 27.08. 2021 which is the project initiation date for the project.

Physical progress:

The amount of Rs 10.017 Cr. has been released to implement the following components in the institute

Name of the Institution	Proposed Construction Works	AA amount in Rs.	Agency	Progress
GCE, Keonjhar	Construction of Library Building	AA No.518 dt.02.02.21 for Rs. 13,83,86,500	IDCO, BBSR	<ul style="list-style-type: none"> • Work awarded to M/S PKP Buildcon Pvt. Ltd • Foundation work started • Work expected to be completed by Dec 2022.
GCE, Keonjhar	Construction of Academic Building	AA No.518dt.02.02.21 for Rs.19,55,13500.00	IDCO, BBSR	<ul style="list-style-type: none"> • Work awarded to Sai Smruti Infrastructures Pvt. Ltd, Bhubaneswar • Foundation work started

Snapshots of Progress of works in GCE College



Team of OMBADC officials inspecting the progress of works



Construction work in progress in the college campus

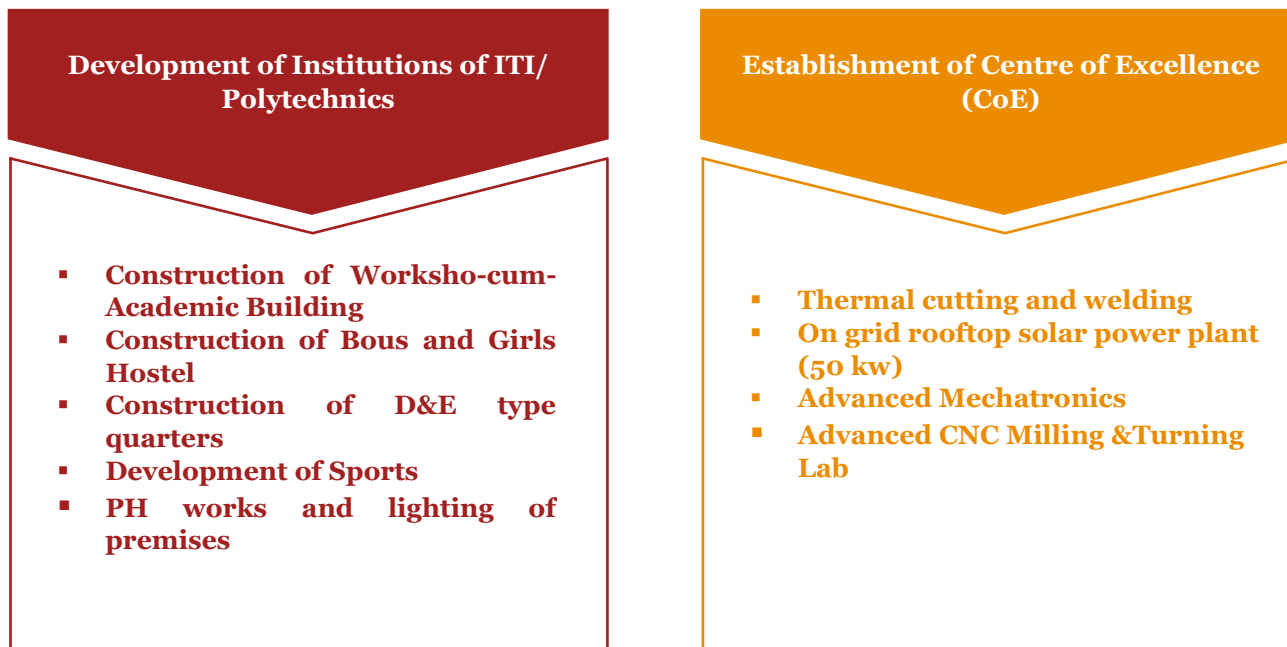
Project 8: Improving the Infrastructure and opening of Centre of Excellence in Govt. ITIs & Polytechnic Institutions

Background:

OMBADC is supporting Skill Development and Technical Education (SD&TE) department for upgradation of the existing infrastructure and opening of the Centre of Excellence (CoEs) in Govt. ITIs and Polytechnic institutions in Keonjhar, Sundargarh, Mayurbhanj, Jajpur, Jharsuguda & Deogarh. The rationale behind the proposal is that the buildings have become old and need renovation, additional space is required for the enhanced intake of students and providing advanced technical facilities to the students to compete in today's job market.

A total of 14 institutes have been identified under this project spread across 06 mining districts of Odisha. If the figures are bifurcated district wise, 04 institutes have been identified in Mayurbhanj, 03 in Sundargarh, 02 each in Deogarh, Jharsuguda and Keonjhar and 01 in Jajpur. The new trades to be initiated in the CoEs are related to Heavy earth moving, advanced manufacturing, advanced electrical systems, refrigeration and air conditioning, thermal welding and cutting, advanced electronics etc.

Major project components:

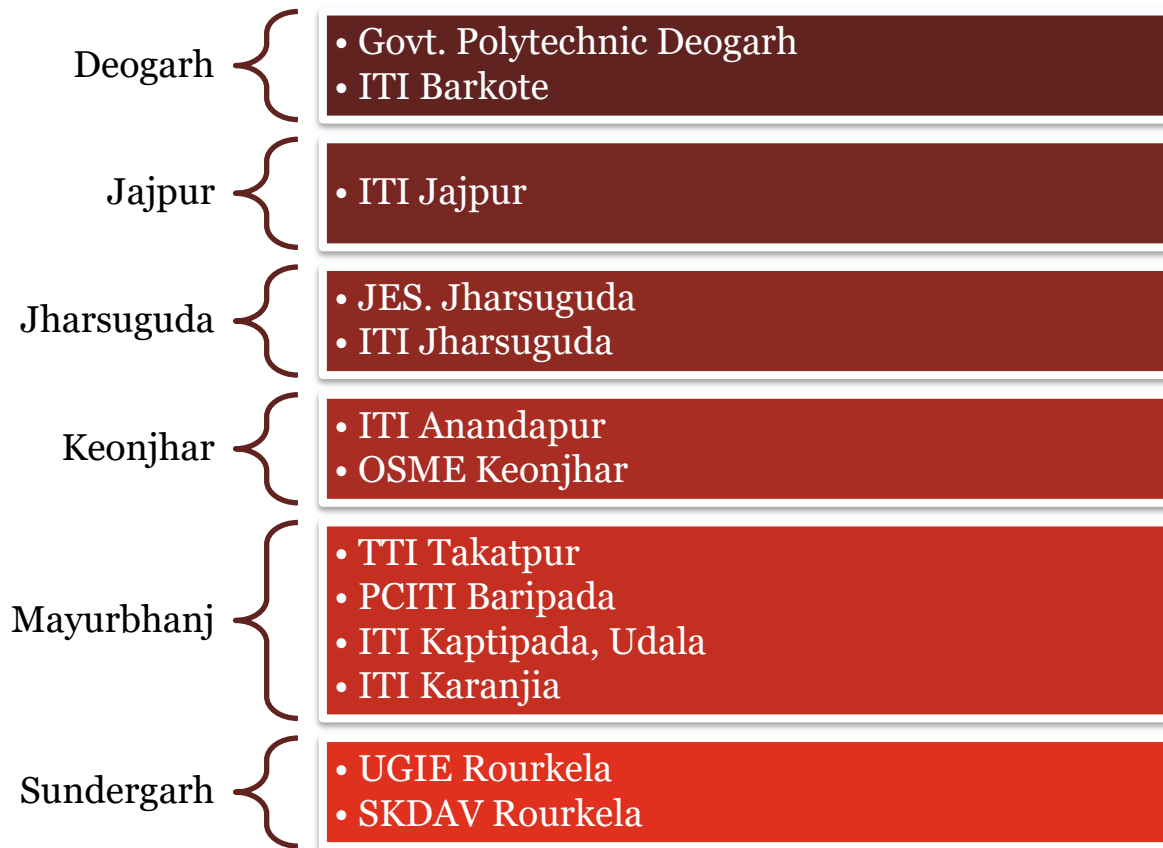


Project Coverage:

It has been proposed by the department to utilise the funds of OMBADC in 14 ITIs and Ploytechnics out of which Infrastructure development will be undertaken in 11 institutes and 13 institutes will be converted into Centre of Excellence (CoE). 02 no. of new ITIs have been proposed- one at Udala and one at Karanjia. All the institutes are spread over 06 mineral bearing districts- Keonjhar, Mayurbhanj, Deogarh, Jharsuguda, Sundargarh and Jajpur.

Project initiation:

The project was approved in the 19th Board of Directors meeting held on 28.10.2020 with a sanctioned cost of Rs. 123.45 Cr. The 1st instalment amounting to Rs. 37.04 Cr was released on 25.08.2021 which is the project initiation date.



Physical Progress:

The following table depicts the status of physical progress in different ITIs.

SI No	Name of ITI	Project Cost (in Lakhs)	Total No. of Works	PIA	Status of Works (No. of project)
1	GP,Deogarh	420.00	5	R&B	1 No.-Work Started,3 No.-Tender Pending,1 No.-Estimate under progress
2	ITI,Barkote	321.00	2	OSPH &WC	1 No.-Work Started 1 No.-Tender Invited
3	ITI,Jajpur	545.00	3	R&B	2 No.-Work To be Started 1 No.-Tender To be Invited
4	JES,Jharsuguda	620.00	5	R&B	5 No.-Work To be Started
5	ITI,Jharsuguda	640.00	3	R&B	3 No.-Work To be Started
6	ITI,Anandapur	1800.00	4	IDCO	4 No.-Work To be Started
7	OSME,Keonjhar	1800.00	7	R&B	Estimate under preparation
8	TTI,Takatpur	1375.00	2	R&B	2 No.-Tender To be Invited

SI No	Name of ITI	Project Cost (in Lakhs)	Total No. of Works	PIA	Status of Works (No. of project)
9	PCITI,Baripada	310.00	2	R&B	Estimate under preparation
10	ITI,Kaptipada,Udala	1330.00	4	RWD	4 No.-Work To be Started
11	ITI,Karanjia	1330.00	4	R&B	Estimate completed and submitted to DT & ET.
Total	11 ITIs	10546.00	41		

Progress reported in Centre of Excellences:

Name of Institution	Name of Work	Project Cost (in Lakhs)	Bidder Finalised	Status of Works (No. of project and its status)
ITI, Jajpur	Welding with Thermal Cutting	525.10	Yes-M/s Cutting Systems,Coimbatore	Installation work completed by agency. Installation of New transformer under progress
Total 15 Institutes	On Grid Rooftop Solar Power Plants(50KW)	430.16	Yes-PV Power Technologies Pvt. Ltd, Mumbai	Contract signed on 28.02.22 Installation at 13 Institutes completed ,under progress in rest 13 Institutes.
GP Mayurbhanj	Advanced Mechatronics	472.00	Yes-FESTO India Pvt. Ltd. Bengaluru	LoA issued-03.3.22, MoA signed-02.5.22
TTI,Takatpur	Advanced Mini Tool Room	331.00	Yes-Purchase &Inst. of machines with hand holding training(by CTTC)-	Furnishing works (Civil & Elec.) through completed. 02 machines out of 3 delivered at site by CTTC
TTI,Takatpur	CoE in Advanced Welding	529.52	Yes-Kemppi India Pvt. Ltd.	Equipment have been delivered to TTI. Furnishing(Civil & Electrical works) of lab. completed

Though there is a delayed start due to delay in submission of the DPRs, however, the projects have picked up. The main PIAs identified for Infra works are IDCO and R&B and Bidders have also been finalised for 5 out of 13 Centre of Excellence institutes.

Project 9: Certificate course for skill development of tribal youths in Panchakarma & Naturopathy

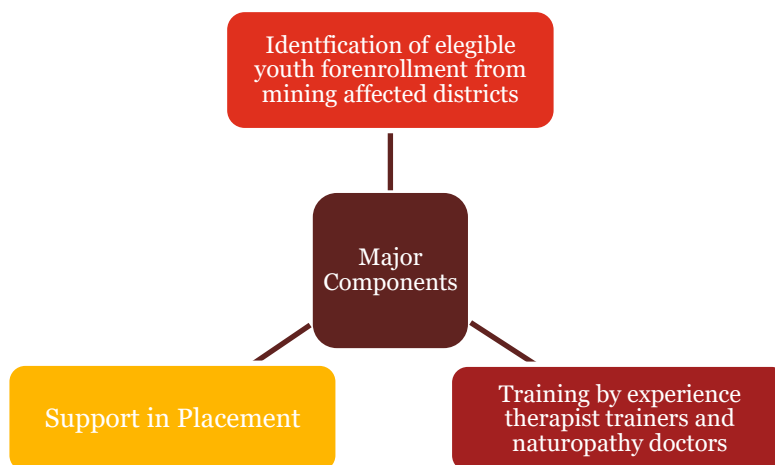
Background:

United Nations Sustainable Development Goal recognizes the importance of healthy living and physical wellbeing for people of all age group. The Goal 3 of the UN SDG relates to ensuring healthy lives and promotes wellbeing for people.

Panchakarma and Naturopathy therapies are traditional ways to cure various body ailments or illness. The demand for skilled professionals for treatment through Panchakarma and Naturopathy is increasing due to increase in the demand for ayurvedic based treatment centers across India. In order to address the need for skilled professionals in the field of Panchakarma and Naturopathy, OMBADC is supporting Skill Development and Technical Education (SD&TE) department in conducting a Certificate Course in Panchakarma and Naturopathy. The course is being conducted through Healthville- Yoga and Nature Cure Centre in Bhubaneswar. The course duration is 5 months and training for the first batch with 30 candidates commenced in November 2021.

Major Project components:

The purpose of this project is to provide skill training to the tribal youths residing in the OMBADC districts related to Panchkarma and Naturopathy and help them in their placement to other such centers, thus enhancing their livelihood opportunities. It has also been thought that some trained youth may start their own center and the implementing agency will provide all necessary support to them.



Project initiation:

The project was approved by the OMBADC Board of Directors in its 19th Board meeting with a sanctioned value of Rs. 16 Lakh. The target set was to provide skill training to 30 youths (both male & female). The trainings were started by Health Ville in the month of Dec 2021 after enrollment of 30 youths out of which 18 were female candidates and rest were male from ST & SC groups residing in different mining districts.

Project Progress in FY 2021-22:

Though identification of youths was completed and trainings was started in Dec 2021, the programme had to be stopped due to the COVID pandemic. The center was opened again from 22.02.2022 and the pending trainings were completed by 4th June 2022. Out of 30 candidates there

were 03 drop outs and 27 candidates completed their training successfully. The Health Ville is also supporting in their placements.

Snapshots of Progress of works



Project 10: Capacity Building, Agro-Enterprises and Entrepreneurship Development in the mineral bearing districts of Odisha

Background:

Agriculture is the main source of livelihood in Odisha. Around 49 % of the total workforce is dependent on agriculture (PLFS 2017-18) as against 44 % at all India level. However, the growth of agriculture and allied activities are often adversely affected by various natural phenomena like cyclone, flood, pest attack, drought etc. The share of livestock, forestry and fishery remained at 12.7 %. Given the high dependence on agriculture, the sector can play a pivotal role in the development of the state since it impacts two critical goals- eliminating poverty and ending world hunger under SDG.

In order to achieve the target of productivity and production in the state of Odisha and also aiding in the profitability and income of the farmers, the land under agriculture needs to be well maintained. Further the capacity of farmers needs to be improved as well as strengthen the market linkage to sell the Farm Produce. Considering this need gap the enhancement of the infrastructure and the entrepreneurship ability of the farmers requires strengthen through a four pronged strategy. The strategies included: capacity building of stakeholders, agro-enterprises and processing technologies of area-specific commodities, strengthening need-based infrastructure and ICT support.

Major Project Components

- a. **Capacity Building training of Stakeholders-** Farmers, Agri-entrepreneurs, Farmer leaders, Women SHGs etc.
- b. Creation of **Agriculture Knowledge Actors** through trainings, imparting skill and certificate course in agriculture & allied sectors.
- c. Development & strengthening of need based infrastructure at 09 Krishi Vikas Kendras (KVKs), 03 Regional Research and Technology Transfer (RRTTs), 05 Agro-polytechnics, 02 Colleges & University Headquarters.
- d. Development of “Centre of Excellence” at KVKs & RRTTs.

Project Coverage:

The project is formulated and implemented by the A&FE Deptt. through Odisha University of Agriculture and Technology (OUAT) in seven mineral bearing districts of Dhenkanal, Jajpur, Keonjhar, Mayurbhanj, Sundargarh and Deogarh through the 9 Krishi Vigyan Kendras (KVKs), 3 Regional Research and Technology Transfer Stations (RRTTs), 5 Agro Polytechnics, College of Horticulture, Chiplima, College of Agriculture, Chiplima, Directorate of Research and Directorate of Extension Education.

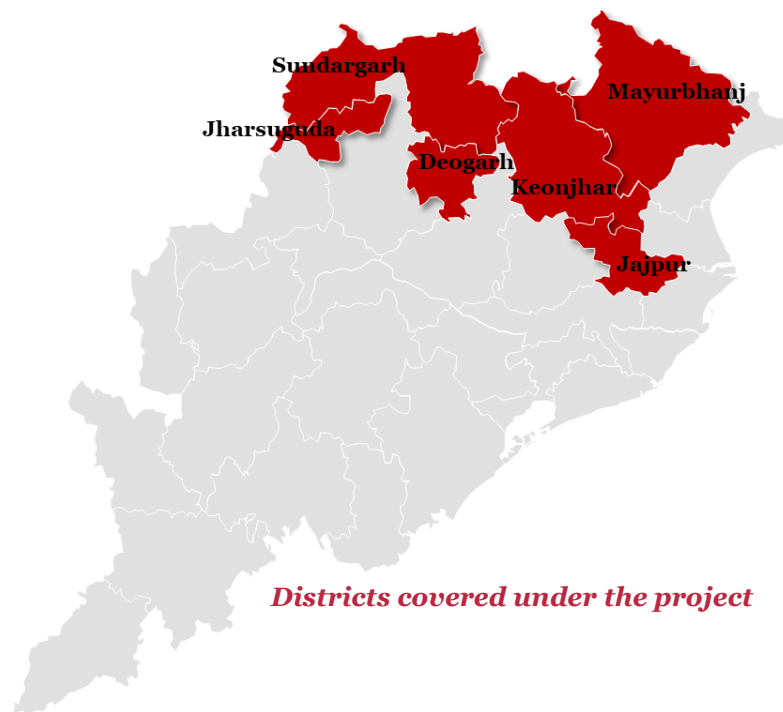
Project initiation:

The project was approved in the 19th BOD held on 28th October 2020. The total outlay of the project is 146.92 crore. The first instalment of funds amounting to the tune of Rs 44.07 crore has been released as on 1.12.2021 which is the project initiation date. After release of first installment, the status of progress is awaited from OUAT.

Project 11: Multipurpose Indoor Stadium in 11 Urban Local Bodies in Odisha

Background:

The Govt. of Odisha has taken an in-principle decision to construct “Biju Patnaik Indoor Stadium” across different ULBs of the State. So far as the mining district of the State are concerned, it was decided by the government that construction of similar stadiums should be taken up in the mineral bearing districts of Sundargarh, Jharsuguda, Mayurbhanj, Keonjhar and Jajpur out of OMBADC funding in the name of “Multipurpose Indoor Stadium”. The objective of construction of the indoor stadiums is to promote professional coaching of the youth and aid furtherance of healthy lifestyle among the masses. Further, the design of the stadium has been proposed in such a way that it can be brought to multipurpose use like a shelter during natural disasters like flood, cyclone etc. and can also be converted into a hospital in case of any public health emergency.



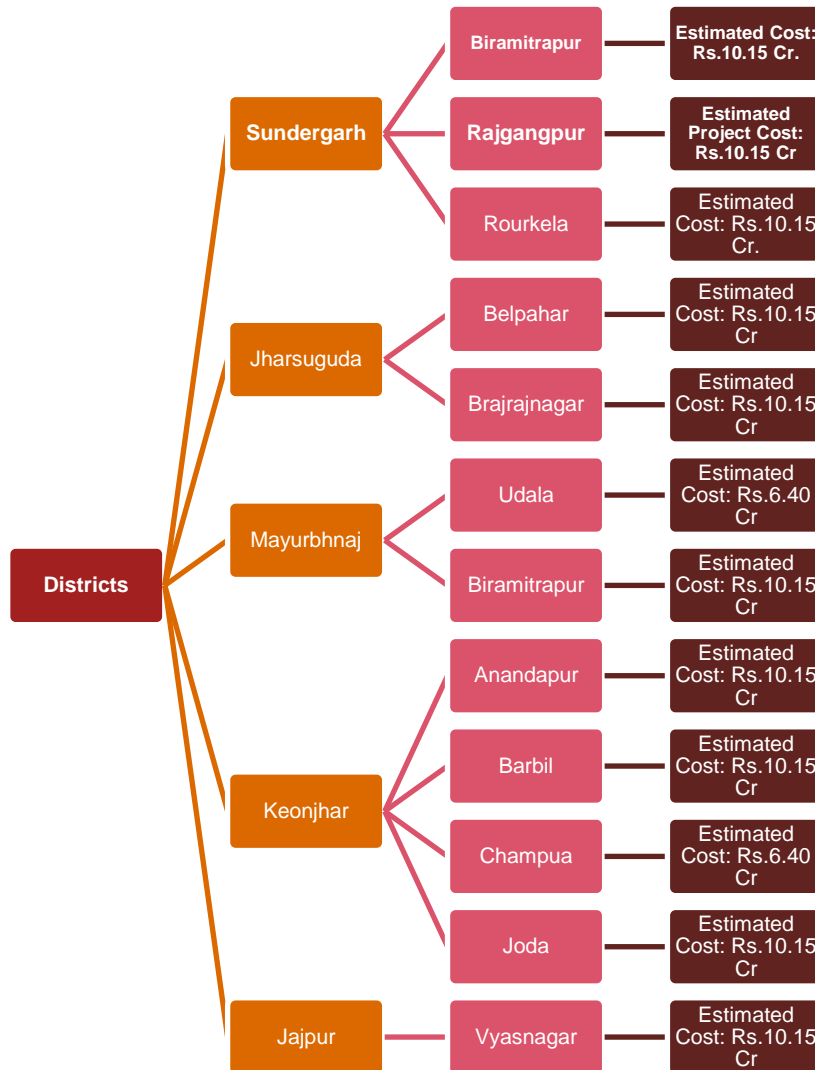
Major project components:

Each stadium consists of the following facilities:

1. Badminton Courts (04 no. in Municipal Corporation stadiums and 02 in NACs)
2. Table tennis
3. Weightlifting facilities
4. Yoga facilities
5. Gymnasium facilities
6. Changing rooms
7. Toilets

Project Coverage:

The project is covering 05 districts – Sundargarh, Jharsuguda, Mayurbhanj, Keonjhar and Jajpur where stadiums are being constructed.



Project Initiation:

The project was approved by the Board of Directors of OMBADC in their 22nd Board meeting with an approved cost of Rs. 104.15 Cr. First instalment of funds was released on 28th Dec 2021 to the sports and youth services department to initiate the construction.

Progress of projects in FY 2021-22:

After release of 1st instalment of funds, LOA was issued in January 2022 and work was commenced by the agencies from March 2022. The progress reported till March 2022 is as follows:

S No.	District	Name of ULB	A/A amount (in Cr)	Date of A/A	Tender floated	LOA issue date	Date initiated	Probable completion date
1	Jharsuguda	Belpahar	10.20	21-09-2021	Tender has been approved.	10-01-2022	30-03-2022	31-12-2022
2		Brajarajnar	10.12	21-09-2021	Tender has been approved	10-01-2022	30-03-2022	31-12-2022
3	Sundargarh	Rourkela	9.61	22-09-2021	Tender has been approved	15-01-2022	30-03-2022	31-12-2022
4		Biramitrapur	10.16	21-09-2021	Tender has been approved	15-01-2022	30-03-2022	31-12-2022
5		Rajgangpur	10.08	21-09-2021	Tender has been approved	15-01-2022	30-03-2022	31-12-2022
6	Keonjhar	Barbil	10.34	21-09-2021	Tender has been approved	06-01-2022	30-03-2022	31-12-2022
7		Joda	10.19	20-12-2021	Single tender cancelled	Re-tender to be invited.	28-03-2022	31-12-2022
8		Anandpur	10.16	21-09-2021	Tender has been approved	06-01-2022	30-03-2022	31-12-2022
9		Champua	6.22	21-09-2021	Tender has been approved	15-01-2022	30-03-2022	31-12-2022
10	Jajpur	Vyasanagar	9.94	22-09-2021	Tender has been approved	10-01-2022	30-03-2022	31-12-2022
11	Mayurbhanj	Udala	6.90	13-09-2021	Tender has been approved	06-01-2022	30-03-2022	31-12-2022

Health (Including Anganwadi centres)





Project 1: Upgradation of Infrastructure in Health Institutions

Background:

Status of health care infrastructure is one of the important parameters of progress of the social sector in general for a state or nation. Development of physical infrastructure like buildings, equipment, vehicles etc. along with required trained manpower upgrades the health care services of any state. Presently, the core of the medical infrastructure of the state constitutes of 32 district HQ hospitals, 381 CHCs, 1324 PHCs, 6688 HSCs, 619 Ayurvedic dispensaries and 561 Homeopathic dispensaries. Still, as per IPHS norms, the health infrastructure especially at block and panchayat level seems inadequate.

Therefore, the H&FW department submitted a proposal to OMBADC amounting to Rs. 1299.43 Cr. for development of infrastructure at the level of DHH, SDH, CHC, PHC and HSC in the 04 mineral bearing districts- Keonjhar, Sundargarh, Mayurbhanj and Jajpur. Some new CHC, PHC and HSC buildings are also proposed in the 04 districts. Subsequently, in due course 03 new projects to meet the district specific requirements were also approved by the Board of Directors of OMBADC. One of the projects for Jajpur district was Construction of 150 bedded MCH hospital in Jajpur amounting to Rs. 66.44 Cr. The other 02 projects were specifically for Mayurbhanj district – one related to procurement of medical equipment for health facilities amounting to Rs. 3.21 Cr and the other related to Strengthening of Health systems in Mayurbhanj district amounting to Rs. 47.25 cr.

Thus, OMBADC is also contributing in the efforts of the H&FW department in strengthening the infrastructure at all levels and making health services accessible to the people residing in the remotest corner of the mineral bearing districts.

Major project components:

The proposal submitted by Health & Family Welfare department is taken up with the basic objective of strengthening the delivery of health services to the people of the 04 priority districts. Therefore, the project was proposed with the following components:

- **Infrastructure upgradation**- It consists of setting up modular ICUs and OTs, setting up Central Sterile Supply dept., Liquid Medical Oxygen Storage System, extension of ANMTCs etc. at the district level and upgradation of infrastructure at block and sub block level.
- **Improving access to Health care** - This component will help in reaching health services to the far flung hard to reach areas through procurement of 108 and non 108 ambulances, Mobile Vision centres, Bike Ambulances and Mobile Medical Units.
- **Emergency Care** - Under this component, the project aims to establish new Trauma Care Facility in the district hospitals where patients in need of emergency services will be admitted.
- **Telemedicine Care project in existing Health Institutions** - This component is proposed with the objective to provide quality online consultation services to the villagers in the interior areas through qualified doctors placed in medical colleges and through other private practitioners.
- **Special Health programmes** - This component has two sub components- Prevention and control of Vector borne diseases and Prevention and control of pulmonary diseases. The objective of both the sub components is to raise the awareness level of the community as a preventive measure and enhance the surveillance system to detect diseased people at an early stage for complete cure.

Project coverage:

It is expected to upgrade the district, block and sub block health infrastructure spread across 40 blocks in 04 districts- Keonjhar, Mayurbhanj, Sundargarh and Jajpur. The population residing in 5006 villages will benefit out of the upgraded infrastructure.

Project initiation:

The project was concurred by the Board of OMBADC in the 14th Board of the Directors meeting after the approval of the Oversight Authority with an approved amount of Rs. 1299.43 Crores for the 04 districts. The 1st instalment of funds amounting to Rs. 195 Crores was released on 28th March 2019 which is considered as the project initiation date.

Status of the project in FY 2020-21

By the end of FY 2021, under the component of Infrastructure upgradation, RD Dept. had completed 110 projects out of 224 projects and R&B and completed 11 out of 185 projects. The CDMOs who had been allocated funds for the component pertaining to improving access to Health care services, had procured bike ambulances and ALS and BLS ambulances. Similarly, under the component Special Health Care programmes, True NAT machines had been procured in Mayurbhanj and training of staff on air borne disease control was in progress at the district level. The total fund allocated to the 04 districts under this sub component was Rs. 3.81 Cr out of which the funds utilized was Rs. 1.56 Cr.

Regarding prevention of vector borne diseases, additional manpower had been hired at the district and block level facilities. Dengue volunteers and FTDs were also hired at the field level. Sensitization programmes were completed in 522 out of 1065 schools and other awareness generation programmes against malaria were taken up at the community level.

Regarding the other projects in the last FY, funds were released for the MCH building at Jajpur but no progress was reported. The department had submitted the DPR for Strengthening of Health systems in Mayurbhanj, but fund requisition was not received by OMBADC hence no funds were released. For the project related to Procurement of medical equipment for health institutions in Mayurbhanj, DPR was awaited from the department.

Progress of Works in the FY 2021-22:

Component	PIA	Progress till 31.03.2022
Upgradation of Health Infrastructure	RD, R&B	Projects taken up by RD- 224 nos. (Completed projects- 187, Work in progress- 34, Yet to start- 03) Funds released - Rs. 83.00 Cr Expenditure reported - Rs. 67.25 Cr Projects taken up by R&B- 256 nos. (Completed projects- 53, Work in progress- 72, Yet to start- 131) Funds released - Rs. 80.55 Cr Expenditure reported- Rs. 50.16 Cr.
Improving access to Health Care	CDM & PHO	<u>CDM & PHO (Keonjhar)</u> Funds Released: Rs.5.37 Cr Expenditure: Rs.2.07 Cr. Activities taken up:

Component	PIA	Progress till 31.03.2022
		<ol style="list-style-type: none"> 1. 3 BLS Ambulance procured. 2. 3 Bike Ambulance procured & functional. 3. Mobile Vision Center at DHH is procured on hiring basis and Medical Accessories/ equip viz., ophthalmoscope/ chart/ trial lens are fitted in vehicle. 4. For Swasthya Sahaya Help Desk, 50 volunteers are deployed in 13 centers on daily wage basis and help desks are functional. <p><u>CDMO (Mayurbhanj)</u> Funds Received: Rs.1.03 Cr. Expenditure made: Rs.1.03 Cr. Activities taken up:</p> <ol style="list-style-type: none"> 1. 3 BLS Ambulance procured. (DHH, Baripada/ SDH Udala/ SDH, Karanja) 2. 1 ALS ambulance procured. (SDH Rairangpur) 3. 3 Bike Ambulance procured & functional. <p><u>CDMO (Sundargarh)</u> Funds Received: Rs.3.89 Cr. Expenditure made: Rs.1.83 Cr. Activities taken up:</p> <ol style="list-style-type: none"> 1. 2 no. of Ambulances are procured and functional under NHM for Covid-19 related work. 2. 9 Bike Ambulance procured & functional. <p><u>CDMO (Jajpur)</u> Funds Received: Rs.6.94 Cr. Expenditure made: Rs.2.05 Cr. Activities taken up:</p> <ol style="list-style-type: none"> 1. 5 BLS and 1 ALS Ambulance procured & are functional.
Special Public Health Programmes	DPH	<p><u>Prevention & Control of Pulmonary Diseases</u></p> <ul style="list-style-type: none"> • Funds Released to 4 districts for this project: Rs 3.81 Cr. • Funds utilized by 4 districts: Rs.1.86 Cr. • 5 nos of True NAT Machines (5 no.) are installed in Mayurbhanj District. • Other Activities viz., Active Case Finding, ACSM activities to raise awareness on diseases, Training of staffs on air borne disease control are going on in all the 4 districts. <p><u>Prevention and control of Vector Borne Disease:</u></p> <ul style="list-style-type: none"> • Funds released: Rs. 6.44 Cr. • Expenditure: Rs 4.91 Cr. <p>Activities:</p> <ul style="list-style-type: none"> • Out of 645 Alt FTDs, 620 have been engaged. • 620 Dengue volunteers have been engaged for Dengue prevention and control program. • Other activities viz., Quarterly entomological survey for VBDs, monitoring of activities of VBDs (Patient follow up, field visits etc are ongoing in the 4 districts.

Snapshots of Infra works with OMBADC funding



Newly constructed Basingi SC, Mayurbhanj



Health & Wellness center, Gambharia, Mayurbhanj



SDH Udala Blood Bank Meeting Hall



Chendipahadi PHC building



Sri Damdamchandrapur CHC renovation



E Type Quarters DHH Sundargarh

Project 2: Construction of 150 bedded MCH Hospital at Jajpur

Background:

This project was proposed as an additionality to the existing medical college in Jajpur. The MCH wing will act as an extended wing to cater to the needs of the women and children. The objective of the project is to provide good medical facility under 'Mo Sarkar' to the under-privileged & tribal people of the mineral bearing districts.

The project related to construction of 150 bedded MCH hospital in Jajpur was approved by the Board of Directors in the 16th meeting held on 27th Dec 2019 and 1st instalment of funds amounting to Rs. 19.60 Cr. was released on 5th Dec 2020 which is the project initiation date.

Major project components:

The major components relate to infra works, internal PH works, laying of gas pipeline and electrification works. The details are as follows:

Sl. No.	Description	Cost (Rs. in Lakh)	Sl. No	Description	Cost (Rs. in Lakh)
1	Civil Works (Trauma Building)	3318.27	7	HVAC System	730.14
2	Site Developments- (Security shade, Boundary wall with gate, Paved Road, Landscape and Chiller room)	198.56	8	Fire Protection Work	316.26
3	Internal PH works	227.85	9	CCTV Works	141.10
4	External PH works (Rainwater harvesting, STP & ETP, UGR, RO Plant etc)	91.54	10	Medical Gas Pipeline System	207.62
5	Internal Electrification Works, Lift, DG	392.97	11	Modular OT (Civil + Electrical)	96.85
6	External Electrification Works, Transformer	127.67		Total Basic Amount	5848.82
				Quality Control @ 1% on Civil Cost	35.17
				Contingency @ 1% on Total Basic Amount	58.49
				GST 12% on Total Basic Amount	701.86
				Grand Total	6644.34

Project initiation:

The project was approved in the 16th Board of Directors meeting with an approved amount of Rs. 66.44 Cr. The 1st instalment of funds amounting to Rs. 19.60 Cr was released on 5th October 2020 which is the project initiation date for the project.

Progress of the project in the FY 2021-22

Though the 1st instalment of funds was released in Oct 2020 i.e. in the FY 2020-21 but the department could not initiate the work. However, in the current FY considerable amount of base work has been completed and EE Panikoili is the PIA for the project.

Snapshots of works progress in:



Work in progress in the MCH Building campus

Project 3: Procurement of Medical Equipment for Health Institutions in Mayurbhanj

Background:

The Oversight Authority during his visit to Mayurbhanj in October 2019 had visited the CHC at Jashipur and found that the hospital lacked in medical equipment as well as specialist doctors. He suggested the CDMO to submit a proposal to OMBADC for procurement of necessary medical equipment for the health facilities in Mayurbhanj. Based on this decision, the H&FW department submitted a proposal to OMBADC which was approved by the Board of Directors of OMBADC in their 16th Board meeting held on 27th December 2019.

The project pertaining to procurement of medical equipment for Health Institutions in Mayurbhanj was also approved by the OMBADC Board in it's 16th meeting with sanctioned fund to the tune of Rs. 3.21 Cr and 1st instalment of funds amounting to Rs. 96 lakh was released on 9th October 2021 which is the project initiation date.

Project components:

Procurement of Equipment like digital X ray machine, ECG machine, advanced OT equipment, equipment for Labour rooms, equipment related to dentistry, cardiac bed, DG sets for uninterrupted power supply, solar lights etc. to provide better facilities to patients.

Project coverage:

The project was approved for procurement of medical equipment for SDH Rairangpur, SFH Karanjia, CHCs of Jashipur, Badampahad, Gorumahisani and PHCs of Hatbara, Dova and Suleipat to provide better health facilities to the patients.

The Health Facility-wise Fund Requirement is given below:

Sl. No.	Health Facility	Total Fund Requirement (Rs. in Lakh)
1.	SDH Rairangpur & CHC Gorumahisani	1.58
2.	SDH Karanjia	0.81
3.	CHC Badampahad including PHC Hatbadra, Dova & Suleipat	0.48
4.	CHC Jashipur	0.34
Total		3.21

Project initiation:

The project was approved in December 2019 and the 1st instalment amounting to Rs. 0.96 Cr was released on 09.10.2021 which is the project initiation date for the project. The duration of the project was approved for 1 year.

Progress of the project in FY 2021-22:

Post approval of the project in the month of December 2019, the DPR could not be submitted by the department by the end of FY 2020-21. Post submission of the DPR in the beginning of FY 2021-22, the department submitted the DPR and subsequently funds were released in Oct 2021. By the end of FY 2021-22, the status of the project is as follows:

PIA	Total Equipment (Nos)	Estimated Cost in Rs. Cr.	Procurement Status (Nos)	
			Tender Stage	Work order Issued
CMD-PHO	159	1.40	134	25
OSMCL	42	1.81	16	26
Total	201	3.21	150	51

Project 4: Strengthening of Health System in Mayurbhanj District

Background:

One of the major decisions taken by the Board of OMBADC in its 16th Board Meeting held on 27th December 2019 was approval for taking of whole of Mayurbhanj district under OMBADC funding. Subsequent to the decision of the Board, the Health & Family Welfare Department submitted additional proposal amounting to Rs.47.25 Cr. Which is related to infrastructure development in sub divisional hospital, CHCs, PHCs and Health Sub Centres. Besides the facilities available under Rairangpur Sub Division and Kusumi Block

This project was approved in the 19th Board meeting held on 28th October 2020 and 1st instalment amounting to Rs. 11.03 Cr was released in August 2021 which is the project initiation date for the project.

Major project Components:

The major project components were related to

- Strengthening of OPD and IPD services
- Strengthening of Nursing Stations, OTs and Labour rooms
- Infrastructure upgradation
- Provision of drinking water supply
- Renovation of health facilities at sub block level.

Some of the activities to be undertaken included Construction of Public Utility, Nursing Station, Upgradation of LR, Operation Theatre, Ice Lined Refrigerator (ILR) Room (OT), Ayush OPD, Upgradation of IPD, Help Desk, Drinking water facility, Upgradation of Administrative Building, Upgradation of Drug Warehouse, Staff Quarters, Sinking of new borewell, Repair & Renovation of SC Building, Installation of Dedicated Transformer.

Project Coverage:

The project was approved to provide medical equipment for 01 SDH, 13 CHCs, 29 PHCs and 73 Sub Centers in the district of Mayurbhanj.

Project Initiation:

The total cost sanctioned by the Board of OMBADC is Rs. 47.25 Cr out of which the first instalment of funds amounting to Rs 0.96 Cr was released by OMBADC on 9th October 2021 which is the initiation date for the project.

Progress of Project in the FY 2021-22:

Though the project was sanctioned by OMBADC in the month of December 2019 i.e. FY 19-20, the H&FW department could not submit the DPR for more than a year. Hence no progress could be observed in the FY 2020-21. But after release of 1st instalment the activities were initiated by the PIA. The progress as reported by the department in the FY 2021-22 are as follows:

Progress so far:

Sl. No	Health Institution	Nos	Total Works (in nos)	A/A Accorded (in nos)	Completed (in nos)	Works in progress (in nos)	Works yet to start (in nos.)
1	Sub-divisional Hospital (SDH)	01	3	2	0	2	0
2	Community Health Centre (CHC)	13	25	21	2	6	13
3	Primary Health Centre (PHC)	29	86	67	28	10	29
4	Sub Centre (SC)	73	120	80	52	28	0
Total			234	170	82	46	42

By the end of FY 2021-22 total expenditure reported by the department is Rs. 2.65 Cr.

Project 5: Strengthening ICDS under OMBADC

Background:

The Integrated Child Development Services (ICDS) Scheme was launched by the Govt. of India in the year 1975 as one of the flagship programmes in the country. This scheme is one of the world's largest and most unique early childhood care and development programmes. The major objective of the scheme is to provide basic health and nutrition services to all pregnant and nursing mothers and children under 6 years of age through Anganwadi centres manned by frontline workers like anganwadi workers and helpers. Health determined as a priority area for the mining affected districts of Odisha by the Hon'ble Supreme Court and ICDS being a scheme that addresses the basic health and nutrition needs of the community, the Board of Directors of OMBADC approved the proposal submitted by the Women and Child Development Department in its 14th BoD meeting and approved activities related to infrastructure development at block, GP and village level, nutrition supplementation for enrolled children and strengthening the ICDS systems.

Major Project Components:

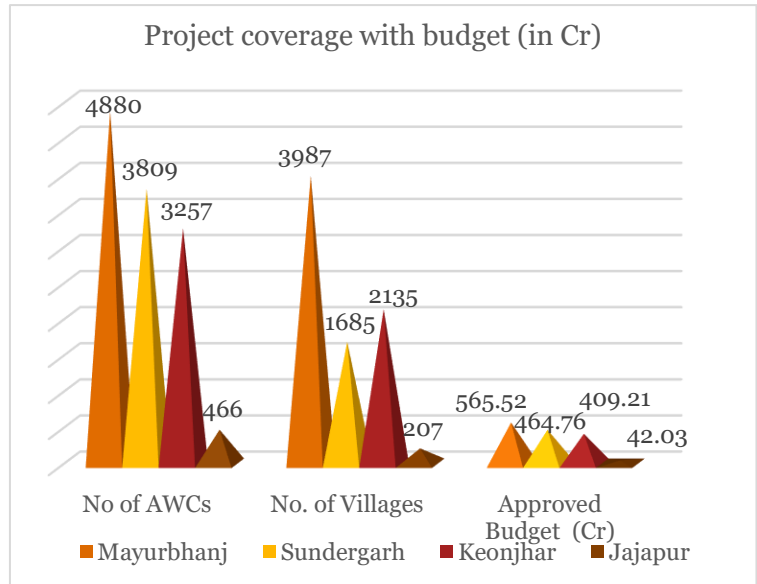
The approved project contains 04 major components which are as follows:

- 1. Construction of AWC building** - New model AWCs have been approved for those villages where AWCs were to be established by the department but were pending due to lack of funds. The design developed under the CSR activities of TATA is adopted. Peripheral development of existing AWCs has also been approved.
- 2. Setting up vibrant AWCs-** Main activities approved under this component are setting up creche at village level, availability of low height furniture for children, growth charts, water filters, hygiene kits etc. in each AWC.
- 3. Nutrition for children** - Observation of Annaprashan diwas and provision of one extra egg for 3-6 years children have been approved.

- System Strengthening** – Setting up of Sector and Block Resource Centres, IEC activities, capacity building etc. are some of the main activities approved under this component.
- Monitoring and Evaluation**- The baseline and annual outcome surveys have been approved under this component.

Project Coverage:

The project has been sanctioned for implementation in 04 mining districts- Keonjhar, Sundergarh, Mayurbhanj and Jajpur where the activities are being implemented in 12412 AWCs situated in 8014 villages spread across 63 blocks. Within the project area, construction of 1969 model AWCs has been approved, peripheral development will be undertaken in 8566 existing AWCs, 3900 AWCs will have new toilets and overhead water tanks, new kitchen will be constructed in 2239 AWCs and electricity facilities will be provided in 8171 AWCs.



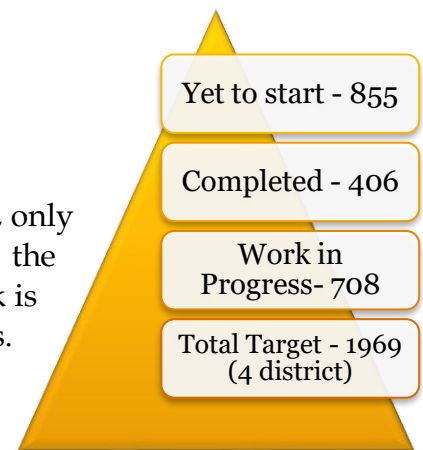
Project Initiation:

The Project was approved by the Board of Directors in its 14th meeting held on 5th April 2019. Since the PIAs for the project are the DSWOs, it was decided by the department that funds should be directly channelised to them. Therefore, 1st instalment of funds were released to the DSWOs on 17th July 2019 which is taken as the project initiation date.

Progress of project in FY 2021-22:

Construction of Model AWCs:

With regards to the construction of model AWCs, out of 1969 AWCs, only 13 AWCs were reported as completed in the last FY whereas in the current FY, a total of 406 AWCs are reported as completed and work is in progress in 708 AWCs. Work is yet to take off in 855 modal AWCs.



Setting up of Vibrant AWCs:

To reposition the AWC as a "vibrant ECD centre," the department has proposed for developing appropriate facilities like- child-friendly furniture, low-height wash basins, LPG connection, and LPG Gas Stove to create a child-friendly environment. The aim is to

<p>Child Friendly furniture procured for 1750 AWCs in Keonjhar district</p>	<p>Hygiene Kit procured for all 12412 AWCs in 4 districts</p>	<p>Community Growth Chart procured for 7618 AWCs in Sundergarh & 3257 in Mayurbhanj District</p>	<p>LPG Gas connection procured for 10 AWCs in Jajpur & 97 in Keonjhar Districts</p>
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make learning enjoyable for the children. The following activities have been achieved in the FY 2021-22.

Apart from that 1132 Mamata room are in completion stage and 567 boundary walls completed in Sundargarh District. All minor repairing of boundary wall and AWC building completed in Jajpur District. Utensils for the AWC kitchen have been procured in Keonjhar and Mayurbhanj District.

The following outcomes are expected out of this intervention:

- Increase in children's attendance.
- Creating a positive learning environment for children.
- AWCs have a child-friendly atmosphere.
- Improving children's health and instilling WASH habits.
- The use of LPG gas would ensure a clean and safe environment at the AWC while also saving money on fuel.

Nutrition for Mother & Children:

The ICDS program is the country's first and, most likely, only programme that focuses on an individual's holistic growth. The decline in the incidence of extreme malnutrition in the ICDS scheme population is more substantial than in other population groups. The nutritional status of children in rural, urban, and tribal areas, as well as those in depressed parts of the population, has significantly improved. New supplementary nutrition initiatives funded by OMBADC include:

The achievement in the nutrition component in the FY 2021-22 is reflected below:

Nutrition for Mother & Children (No of children benefited during the year 2020-2021)			
Mayurbhanj	Sundargarh	Keonjhar	Jajpur
Observation of Complementary feeding days (Annaprashan Diws)			
36000	12816	21212	5592
Extra Protein Supplementation (Providing one extra egg per week for pre-school children)			
115558	64834	85426	11526

A. System Strengthening

Strengthening of the system by investing in IEC activities, to support consistent, timely and improved quality of service delivery with real time reporting and monitoring of performance, helps identify areas with lower service delivery and/or relatively high malnutrition so as to facilitate the capacity enhancement of ICDS functionaries, with an incremental learning by doing approach. Joint planning, implementation and review of performance with health functionaries has been included under this component. A visible progress has been shown in all 4 districts during the financial year.

- IEC activity has been initiated in 10875 AWCs in this financial year
- Out of 227 Sector Resource Centres, investment has been done in 83 SRCs like procurement of furniture, display board, training and learning Kit etc.

c. 9 BRCs repairing and renovation activity has also been completed.

Physical Progress for the year District wise Progress Detail is as follows:

SI No	Components	Total Target	District wise Target/ Achievement							
			Mayurbhanj		Sundargarh		Keonjhar		Jajpur	
			Target	Achieved	Target	Achieved	Target	Achieved	Target	Achieved
1	Construction of New Model AWCs	1969	553	130	727	267	681	338 (Ongoing)	8	8
2	Peripheral development of AWC building having own buildings	8566	3657	2278	2533	1965	2106	1607 (Ongoing)	270	78
3	Strengthening of existing AWC (Toilet, Kitchen, Water facility etc.)	8566	3657	1779	2533	1556	2106	1211 (Ongoing)	466	466
4	Nutrition for mother & Children	11136	4880	4880	2533	2533	3257	3257	466	466
District wise Target/ Achievement										
Mayurbhanj (Budget/ Released)			Sundargarh (Budget/ Released)			Keonjhar (Budget/ Released)			Jajpur (Budget/ Released)	
565.52/169.65			464.76/ 139.42			409.2/ 122.76			42.03/ 21.77	

Project 6: Composite Rehabilitation Centre (CRC) for the Persons with Disability at Jajpur

Background:

Persons with disability (PWDs) are the most neglected segment of population in the state. Services for their wellbeing and bringing them in social limelight are very limited to special schooling and social security pension. Comprehensive rehabilitation approach is necessary for enabling intellectually disabled people to reach and optimum mental, physical and social functional level. PwDs require constant support for clinical treatment, physio-occupational, speech and psychotherapies, ADL training, rehabilitative devices, special education and vocational training as well as opportunity for earning livelihood through sheltered rehabilitation centres.

Looking at all possible measures, department of Social Security & Empowerment of Persons with Disability submitted the project proposal on "Composite Rehabilitation Centre for Person with Disability" to OMBADC for the following category of PwDs:

a) Intellectual Disability

- b) Autism Spectrum Disorder
- c) Cerebral Palsy
- d) Multiple Disabilities
- e) Mental illness

Project Objectives and Components:



Project Coverage:

The development of the Composite Rehabilitation Centre has been approved by OMBADC for Jajpur district, though it will cater to the needs of intellectually disabled persons from the nearby districts also. The project will be implemented by the agency selected by the department through the process of EOI. Project will be monitored by the district level committee chaired by District Collector with PD DRDA and ADM Development as member and DSSO as Member Convener.

Project Initiation:

The CRC project was approved by the Board of Directors of OMBADC in its 21st Board Meeting held on June 26, 2021. 1st instalment of funds amounting to Rs. 10.49 Cr was released on 28.08.2021 which is considered as the project initiation date.

Status of works in FY 2021-22:

The PIA identified by the Department is Bridge & Roof Co. India Limited, an agency of the Central Government. Construction work has been taken up by the agency and by March 2022, they have initiated construction of the boundary wall, completed the foundation works and erection of pillars have been initiated.





Livelihood Promotion





80
1807

80
1938

80
1941

Background:

In the mining affected areas, ecological degradation, erratic rainfall and high risk of drought have affected agriculture negatively and resulted in food insecurity, increasing out-migration, periodic deaths and starvation. Simultaneously, a small land base, low agricultural productivity and low-income levels has led to rising indebtedness, trapping people especially tribal residing nearby into a vicious circle of poverty and exploitation. Thus, the life of these people has become increasingly vulnerable due to persistent lack of assured entitlements to their resource base.

Since the mining activities are assured source of economic upliftment of a state and country, it cannot be stopped but alternative ways and means must be found to meet the requirements of the affected citizens. Therefore, the State government has launched a series of livelihood generation programmes like- Odisha Tribal Empowerment & Livelihood Programme (OTELP), Focused Area Development Programme (FADP), NABARD WADI development, Deen Dayal Antyodaya Yojana under NULM, Millet Mission, Diversion Based Irrigation (DBI) and Odisha Forestry Sector Development Programme (OFSDP). The basic objective of all these programmes is to enhance livelihood opportunities of the affected tribal families and ensure food and income security for them.

“Livelihoods is 'sustainable' when it can cope with and recover from stresses and shocks, maintain or enhance its capabilities and assets and provide sustainable livelihood opportunities to the next generation and which contributes net benefits to other livelihoods at the local and global levels and in the short and long term” (Chamber, R; Conway, G 1992)“.

Intervention by OMBADC:

OMBADC through its available resources has made sizeable contribution to the efforts of the State government through various projects funded through compensation money. The livelihoods promotion sector under OMBADC adopts a sustainable livelihoods approach which is a people-centric approach to development; supporting people's effort to achieve their livelihood goal in the mining affected areas. The sector focuses on the development of livelihood assets like natural, human, social, financial and physical within a sustainable livelihoods framework.

The livelihoods activities proposed under OMBADC are grouped into three categories, namely:

- (i) land-based livelihoods (which include Agriculture & Horticulture);
- (ii) livestock-based livelihoods (which include animals & fisheries) and
- (iii) Micro-enterprises development

The OMBADC Board of Directors has approved ten different types of livelihood projects with the total budget outlay of Rs. 460.45 Cr. to aim at helping the mining-affected communities for improving their livelihoods and economic prospects. Following are the projects that have been approved at various Board of Directors meetings:

Details of Livelihood projects approved under OMBADC

1. Livelihood promotion through Fisheries activities
2. Livelihood promotion through Animal Husbandry activities
3. Procurement of 01 lakh litres of Milk from Dairy Coopeative Society
4. Livelihood promotion through Horticulture activities
5. Development of Mega Nursery in 04 Districts
6. Enhancing livelihoods of people in mining affected areas
7. Targeting the Hard Core Poor (THP) Programme
8. Livelihood promotion of Vana Surakhya Samiti in 5 Forest Divisions
9. Livelihood generation opportunities through promotion of Handicraft sectors
10. Upliftment of Rural/ Tribal farmers through Handloom sector
11. Development of Mission Shakti Bhawan & Village in Jajpur

The fund under these projects is directly invested within the mining affected villages for establishing the livelihoods support system for the affected tribal communities.

Project 1: Livelihood Promotion through Fisheries Activities

Background:

Fisheries activities are carried out in Odisha through inland, brackish water and marine fishing due to its proximity to the Bay of Bengal Sea. Thus, large no. of people are involved and dependent on fisheries activities. Simultaneously, marine and inland fisheries sectors offer a vast scope for development and investment in a number of projects. Therefore, the Fisheries & Animal Resources Development (F&ARD) Department through OMBADC funding, planned to promote inland fishery through the use of existing water bodies as a means of sustainable livelihood opportunity for the mining affected areas. The project aims to provide holistic development to community members, primarily tribals, in seven mineral-bearing districts (Keonjhar, Mayurbhanj, Sundargarh, Jharsuguda, Jajpur and part of Deogarh, and Dhenkanal).

Project coverage:

The Fisheries project is being implemented the districts of Keonjhar, Sundargarh, Mayurbhanj, Dhenkanal, Deogarh, Jharsuguda and Jajpur. Major activities taken up under the project are: a) Excavation of new ponds/ tanks for fish farming will cover 66.25 Hectares b) Pisciculture through Bio-floc technology will cover 182 no of beneficiaries and c.) Input assistance to Women Self Help Groups (WSHG) for Pisciculture in GP Tanks through community approach will 235.32 hectares of GP tanks benefitting 304 no. of WSHGs.

Project initiation:

The fisheries project was approved in two phases. The first project was approved by the Board of OMBADC in its 14th meeting held on 5th April 2019 and an amount of Rs. 5.83 Cr was for implementation of the project components in 4 OMBADC approved mining districts. Later, in the 16th Board meeting of OMBADC held on 27th Dec 2019, the 2nd phase of the project was approved by the Board amounting to Rs. 31.11 Cr. Hence the total approved cost of the project stands at Rs. 37.04 Cr. with minor cost escalation. After submission of DPR by the F&ARD department, the 1st instalment of fund amounting to Rs. 1.21 Cr was released by OMBADC on 13th Feb 2020 which is the project initiation date.

Status of the project in 2020-21

The approved target for excavation of new ponds/ tanks is 66.25 hectares out of which go ahead letter was issued for 22.12 hectares and target achieved was 3.7 Hectares. Similarly, for the component in put assistance to WSHGs for pisciculture, the target set is 447.28 hectares and by the end of FY 2021, 259 SHGs were identified for taking up pisciculture in 188.09 hectares. Training was completed for 225 WSHGs and stocking was completed for 188.09 hectares. The target for Aquaculture through Biofloc technology is set at 182 beneficiaries, out of which 134 tanks were approved and 22 were developed. Thus, by the end of March 2021, the department had successfully initiated work in 03 major project components.

Physical and financial Progress in FY 2021-22

Excavation of new ponds/tanks along with input

- Unit cost 3.4 lakh/Ac. (2.80 lakhs for excavation & input assistance @ 0.60 lakhs/Ac.)
- Target- 86.00 Ac. in FY 2021-22
- Crap-mola polyculture promoted
- 0.5-1.0 Ac./ Beneficiary



Fish farming through Bio-floc Technology

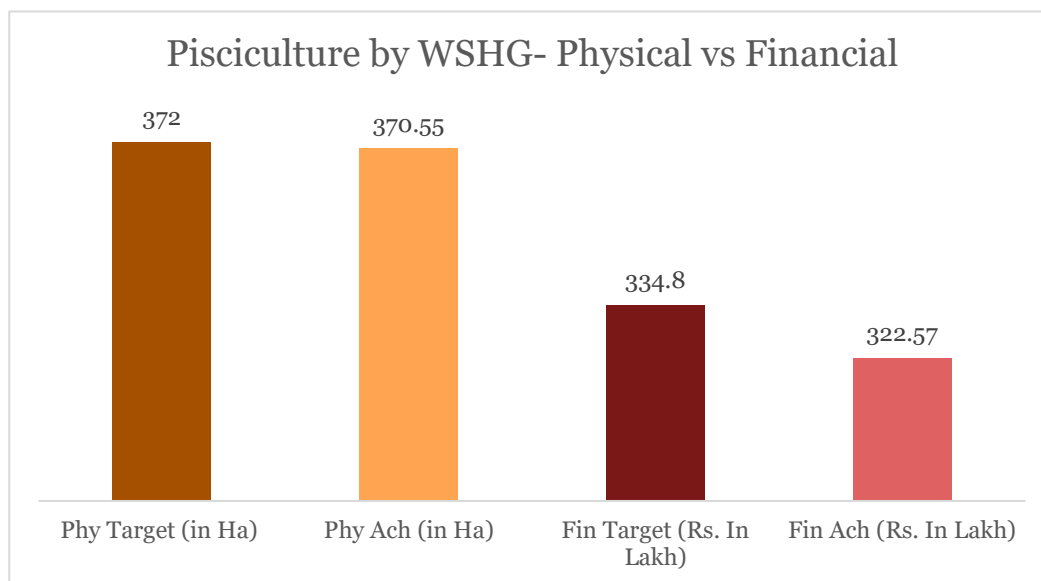
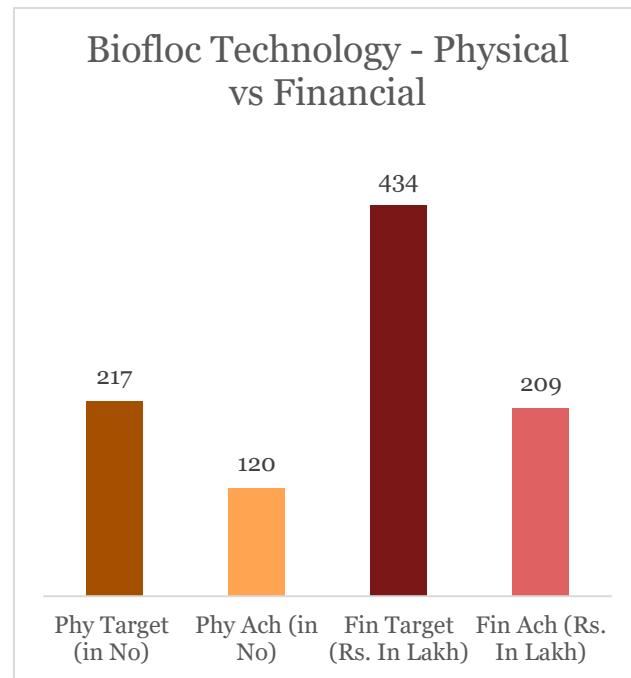
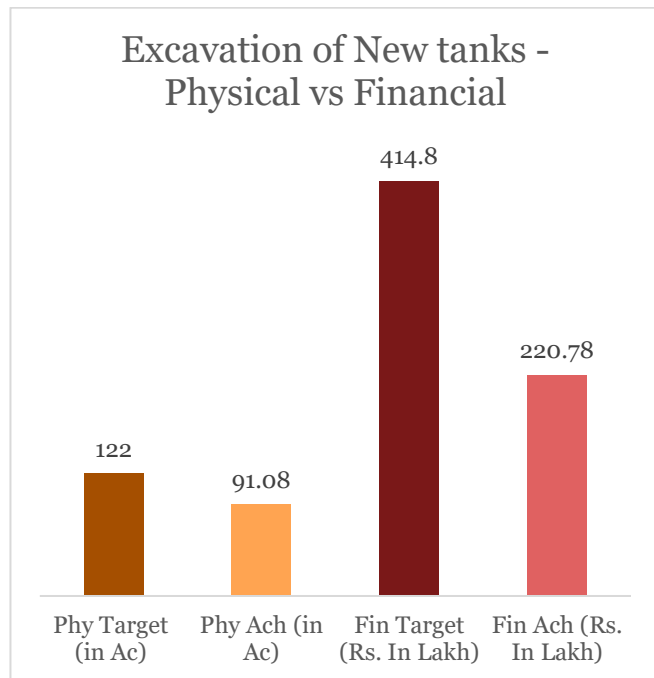
- Unit cost 2 lakhs/Unit consists of 2 tanks.
- Target- 217 Tanks with the budget outlay of Rs. 434 lakhs in FY 2021-22
- Species- Tilapia & Crap
- 1 unit/ Beneficiary

Input assistance to WSHG for Pisciculture in GP tanks

- Input assistance in the form of Fish fingerlings, fish feed, etc. provided @ 0.90/HA/SHG
- GP tank lease out for 3-5 years
- Training conducted on pond preparation, fish seed selection, transportation and stocking, feed management.



Progress of activities undertaken under Fisheries activities



By the end of FY 2021-22, under the component “Excavation of new ponds and tanks” against the target of 86 Acres, 65 % has been achieved and financial achievement has been approximately 50%. The target set for Biofloc technology was 217 units against which 55% has been achievement with a financial achievement of 48%. Target set for Pisciculture by WSHGs was 372 Ha against which the achievement was almost 100% with a financial achievement of 96%. Thus, the most successful component in the project is the Pisciculture by WSHGs.

Pisciculture by Women SHG



371.26 Ha. of unutilized GP tanks are brought under the Fish production

436 WSHGs engaged in fish farming in GP tanks

Earning from community tank ranges from Rs.12000 to Rs.30000 in each harvest

Production of 380.25 Metric Tons of fish in the FY 2021-22

Benefitting income generation support to 4360 households

Excavation of New Tanks



134 beneficiaries excavated new tanks for taking up freshwater Fish farming

Emphasis is given to promote sustainable fish production

Doubling of incomes of fish farmers

Encourages the unemployment youths for entrepreneurship in the fisheries sector

Fish Farming through Bio-floc Technology

120 beneficiaries started fish farming through Biofloc Technology to boost fish production

Each unit produced 1000 kg fish production over 6 months period

Livelihood support to entrepreneurs, unemployed youth and interested progressive fish farmers

Saves money on feeds as 70% of waste converted into high protein feed



Project 2: Livelihood Promotion through Animal Husbandry

Introduction:

Most of the tribal in the mining affected areas depend on agriculture. The income from traditional agriculture being low due to seasonal (rain fed) farming, it is unable to provide full time employment for working class. The major issues for the poor & landless tribal are food security and risk spreading through subsidiary income. Therefore, there is dependency on non-farm activities like poultry & goat rearing for supplementary income. Small-scale poultry production through individual broiler farming has the potential to stimulate economic growth of poor households. The income from this activity, equivalent to 200 wage days reduces outward migration and helps the family to invest in existing resources.

Looking into vast scope of poultry farming among tribal families in the mining areas, the Dept. of Animal Resource Development submitted the proposal on poultry (200 bird capacities) which was taken as focused livelihood intervention in OMBADC operational villages. The programme also focused on goat rearing (10+1) in an improved manner. Similarly, for the breed improvement in Cattle, artificial insemination techniques were used to produce about 90% female progeny.

Major Project components:

The 04 components of the project include:

1. Small scale Broiler Unit
2. Small scale Goat Farming
3. Effective Veterinary service delivery
 - a. Use of Sorted Seamen for Genetic improvement of Cattle
 - b. Artificial Insemination in Goats for genetic improvement
 - c. Creation of additional infrastructure for disease diagnosis & treatment.

Project initiation:

The project was approved in the 16th Board meeting of OMBADC with a sanctioned cost of Rs. 55.92 Cr for 4 priority districts- Keonjhar, Mayurbhanj, Sundargarh and Jajpiur. Again, in the 19th BoD meeting, the department proposed for an additionality in the sex sorted seamen component of the project and additional districts were taken up like Jharsuguda, Deogarh and Dhenkanal. The first instalment of the funds amounting to Rs. 1.21 Cr was released on 2nd November 2020 which is considered as the project initiation date.

Project coverage:

The project is being implemented in 07 mining districts- Keonjhar, Sundargarh, Mayurbhanj, Jajpur, Jharsuguda, Deogarh and Dhenkanal. The project modalities for establishing the Broiler units are as follows:

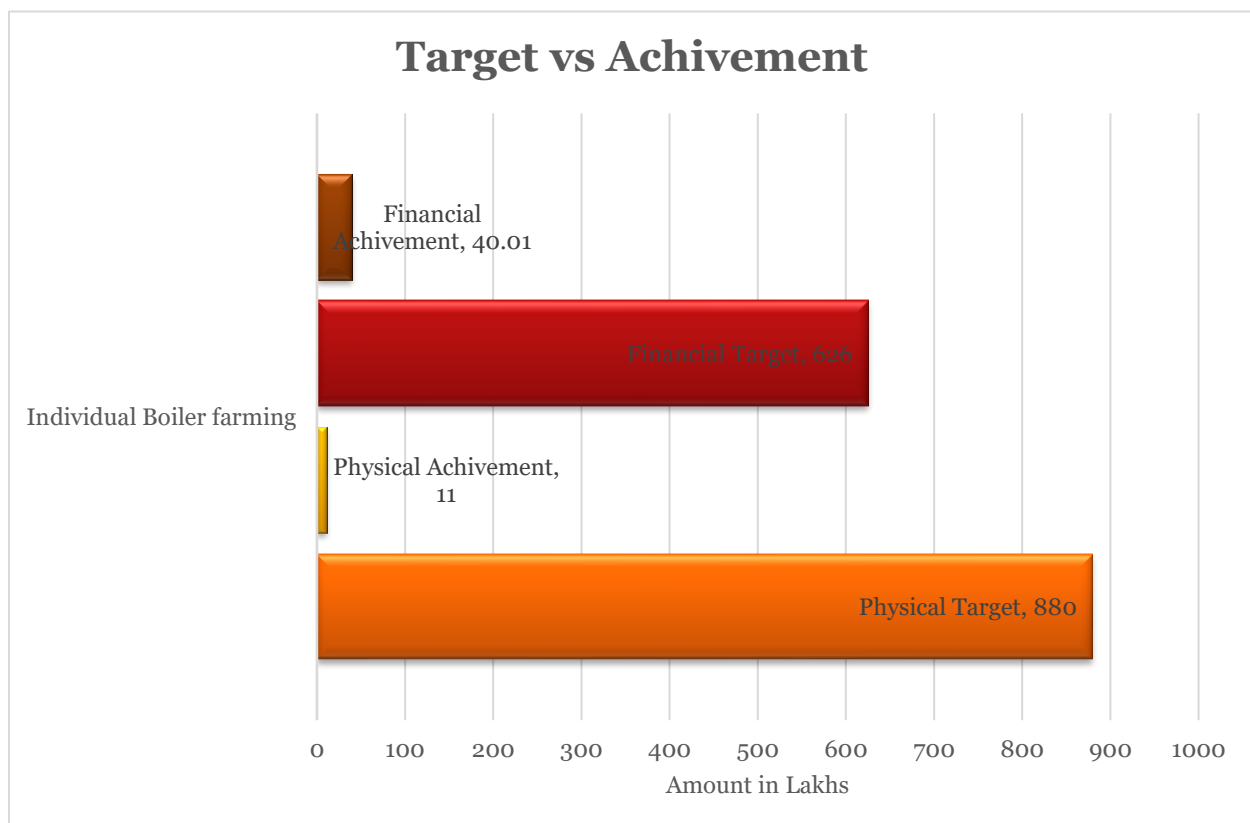
I. Improved Broiler Farming (200 bird capacity) in deep litter system:

Under this intervention, improved broiler farming has been introduced by individual tribal households in small units of 200 chicks' capacity. The tribal family is provided assistance to build a shed of 200 sq.ft. for rearing 200 broiler chicks for a period of 35 to 40 days. Efforts are also made to build the capacity of the tribal famers in shed management, chick management, feeding, vaccination & water management etc. So far 1393 farmers have been selected from 07 districts to initiate the work.

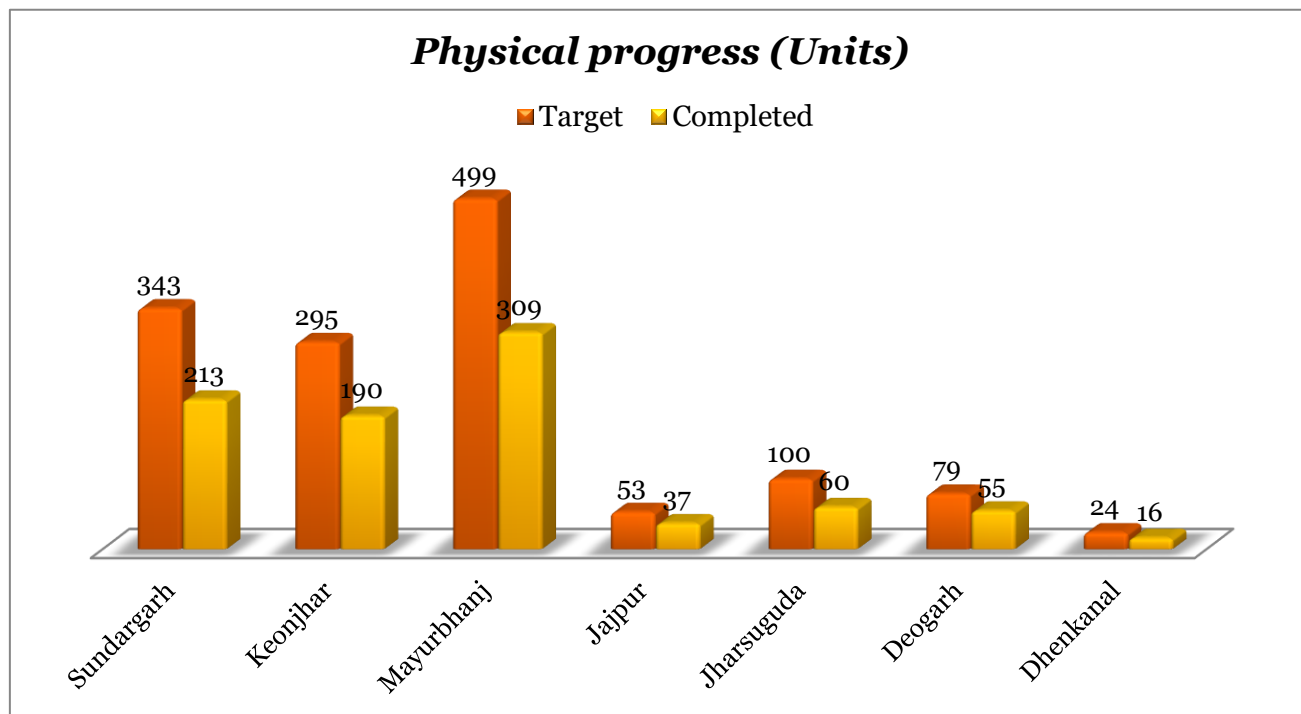
Progress of project in FY 2020-21:

Modalities

- Unit cost- Rs. 71,000 per broiler unit-
(Shed cost-Rs. 40,000, Cost of day-old chicks (200 nos)-Rs. 7,000 & Cost of feed, equipment's and medicines etc.-Rs. 24,000)
- Training imparted to farmers on feeding management and watering, brooding and rearing young chicks, record keeping, etc.
- Concerned Livestock Inspectors, Gomitras and PraniMitras will have to guide the farmers in field for managing the Broiler units.
- Capacity building of LIs, Gomitras, Prani Mitras will be taken up.
- Provide all technical guidance to the beneficiaries for maintaining proper veterinary health care and immunization of the poultry birds.



District wise progress of project under Boiler Farming (FY 2021-22)



Financial Progress (Rs. in Lakhs)

	Sundargarh	Keonjhar	Mayurbhanj	Jajpur	Jharsuguda	Deogarh	Dhenkanal
Target	243.53	209.45	354.29	37.63	71.0	56.09	17.06
Achievement	151.23	104.6	219.39	11.83	42.09	36.8	11.36



More than 50% beneficiaries rearing more than one batch of chicks in all the 07 districts

In every batch beneficiary earns Rs. 5000-6000 net profit (5-6 batch/Year)

Training imparted on alternative feed supplement such as Azolla

Thus, it is observed that considerable progress has been made in the project by the end of FY 2021-22 compared to FY 2020-21. Out of the targeted 880 Broiler units, only 11 units were made functional by the end of FY 21 but by the end of FY 2022, the target of 880 was achieved though additionally 513 units were taken un in the current FY.

II. Intervention under small scale goat farming (10+1)

The present goat rearing practices amongst the tribal is very traditional and unscientific. Improved shed construction, enhanced knowledge for tribal about improved rearing practice, with crèche for kids, and feed supplement for pregnant and lactating mother goats will help in mitigating the risks in production. Proper feeding practice helps in increasing the immunity in goats and in increasing their body weight within a short duration. With the existing skill a tribal can easily rear 10 mother goats to get additional annual income of Rs.15,000 from the 3rd year of involvement in this activity.

In view of this, OMBADC approved 2,136 goat units in 7 districts with a total project cost of Rs. 17.18 Cr for a period of 5 years. In the FY 2020-21 & 2021-22, a total 858 goat units have been targeted with the total budget outlay of Rs. 6.90 Cr. Each tribal family will get ten mother goats and one buck as part of the project. So far 858 beneficiaries have been selected from 07 districts to initiate the work

Progress of Project in the FY 2020-21

In the last FY, the physical target for Keonjhar was 93 out of which 41 sheds were constructed. In Mayurbhanj the target set was 150 and only beneficiaries selection was completed. Similarly, for Sundargarh, the target was set at 104 out of which 50 sheds were completed and 54 were under construction. In Jharsuguda, out of the target of 29, 6 sheds were under progress and 23 were yet to start. In Deogarh, Jajpur and Dhenkanal, targets were set at 27, 18 and 8 respectively out of which 14 and 7 sheds were completed and 8 shed construction was under progress in Dhenkanal.

Modalities

- *Unit cost- Rs. 80,000 per Goat unit-
(Shed cost-Rs 14,000, Purchase of Goats –Rs 56,000 & Cost of feed, equipment's and medicines etc.-Rs 10,000)*
- *Training imparted to farmers on feeding management and watering, brooding and rearing, record keeping, etc.*
- *Concerned Livestock Inspectors (LI), Gomitras and PraniMitras will have to guide the farmers in field for managing the Goat units.*
- *Capacity building of LIs, Gomitras, Prani Mitras will be taken up.*
- *Provide all technical guidance to the beneficiaries for maintaining proper veterinary health care and immunization of the Goats.*

Progress of Small Scale Goat Farming in FY 2021-22

District	Physical Target	Budget (in lakhs)	Shed Completed	Unit Stocked with animal	Total Expenditure (in lakhs)
Keonjhar	186	148.8	93	78	66.66
Mayurbhanj	300	240	150	150	113.7
Sundergarh	208	166.4	104	104	83.2
Jharsuguda	58	46.4	29	29	21.982
Deogarh	54	43.2	27	27	20.695
Jajpur	36	28.8	18	18	12.6
Dhenkanal	16	12.8	8	8	6.333

Outcome



Economically poor households increase their goat stock from on an average 4 goats to 10 goats & the goat shed provided has increased the space with an average area of about 154.52 Sq.ft from the earlier 85.25 Sq.ft.

Targeted households are expected to get an additional income in the range of Rs. 30,000/- to Rs. 50,000/- per year from goat farming



All the beneficiaries enhance the goat stock based on the profit generated from the current stocks.



III. Use of Sex Sorted Semen for Genetic Improvement of Cattle

Background:

Artificial insemination is a common tool for the breed improvement along with productivity and production of the bovine population. Sex sorted semen technology is a new scientific innovation in which the 'Y' chromosome bearing semen which is responsible for the male progeny can be separated and 'X' chromosome carrying semen will be utilized through AI technique for production of only female progeny. The technique is efficient enough to produce about 90% female progeny, thus giving automatic reduction of the male progeny. By reducing the male stock, the pressure on feed and fodder to maintain these animals will also be reduced.

This programme aims at supporting farmers of 67 blocks of 7 districts under OMBADC with sex sorted semen for production of female calves. Under the scheme, 2.50 lakh doses of sex sorted semen will be utilized to cover 1.0 lakh animals.

Modalities

- Selection of breedable cows- the breedable cow/heifer to be inseminated with sex sorted semen should be a healthy one with optimum body condition score (BCS).
- Preference to be given to small and marginal agricultural farmers and landless laborers.
- Sex sorted semen would be purchased from reputed organization with germ plasm from progeny tested bulls of Gir/ Sahiwal/CB/Jersey.
- Frozen Semen Bank (FSB) Cuttack will be check/evaluate the quality of semen procured such as concentration, post-thaw motility rate, morphology, incubation test of spermatozoa etc. at FSB lab.
- The supplying organization should provide TEST SEMEN DOSES @ 5 doses/ Bull to FSB Cuttack for technical evaluation.

District wise target for use of Sex sorted semen

District	No. of Blocks	No. of semen doses to be utilised per District (In Lakhs)	Tentative nos. of animals to be covered @2.5 straws/animal (In Lakhs)	Tentative cost of Semen straws (Rs. In Cr.)
Keonjhar	13	0.73	0.29	5.80
Mayurbhanj	26	0.88	0.35	7.00
Sundergarh	17	0.45	0.18	3.60
Jharsuguda	5	0.40	0.08	1.60
Deogarh	3	0.10	0.04	0.80
Jajpur	2	0.15	0.06	1.20
Total	67	2.50	1.00	20.00

Project 3: Procurement of 1 lakh litres of Milk in Jajpur district

Dairy farming is one of the activities that is benefitting the rural households in various aspects. Due to constant demand for milk it helps the farmers in providing a stable income round the year and plays an important role in strengthening the rural economic. Along with milk production dairy farming also provides other source of income through sale of dairy products, dung and usage of dung for biogas etc. Odisha witnessed an increase in milk production from 1784 thousand MT in 2012-13 to 2370 thousand MT in 2019-20 (Odisha Economic Survey 2020-21) which proves that there is demand for milk and sufficient space for new players to enter in to the milk market.

Therefore the A&FE Department had submitted the proposal to OMBADC for providing support to selected dairy cooperatives in Jajpur where demand for milk is in excess due to rapid mining and industrialization in the district. The PIA identified for this project is OMFED.

The objective of the project is to increase the milk supply in the area by increasing local milk production, facilitating its marketing by integrating the activities relating to production, collection, chilling, processing and sale of milk, ensuring remunerative prices to milk producers and increasing their income, employment and nutritional standards.

Major project components:

- Formation of 200 nos. of Dairy Cooperative Society (DCS) in 10 blocks
- Training & Capacity Building to 6000 milk producer farmers
- Procurement and supply of Milk Can, Furniture & Fixture, AMCU, Electronic Milko Tester, Installation of BMC (1 KL & 2 KL), Cattle Feed, etc. to the DCS and Milk producing farmers.
- Supply of Road Milk Tanker (1KL,2KL & 5 KL), Working capital, Computer & Accessories, Supervision, etc. to Milk Unions

Project coverage:

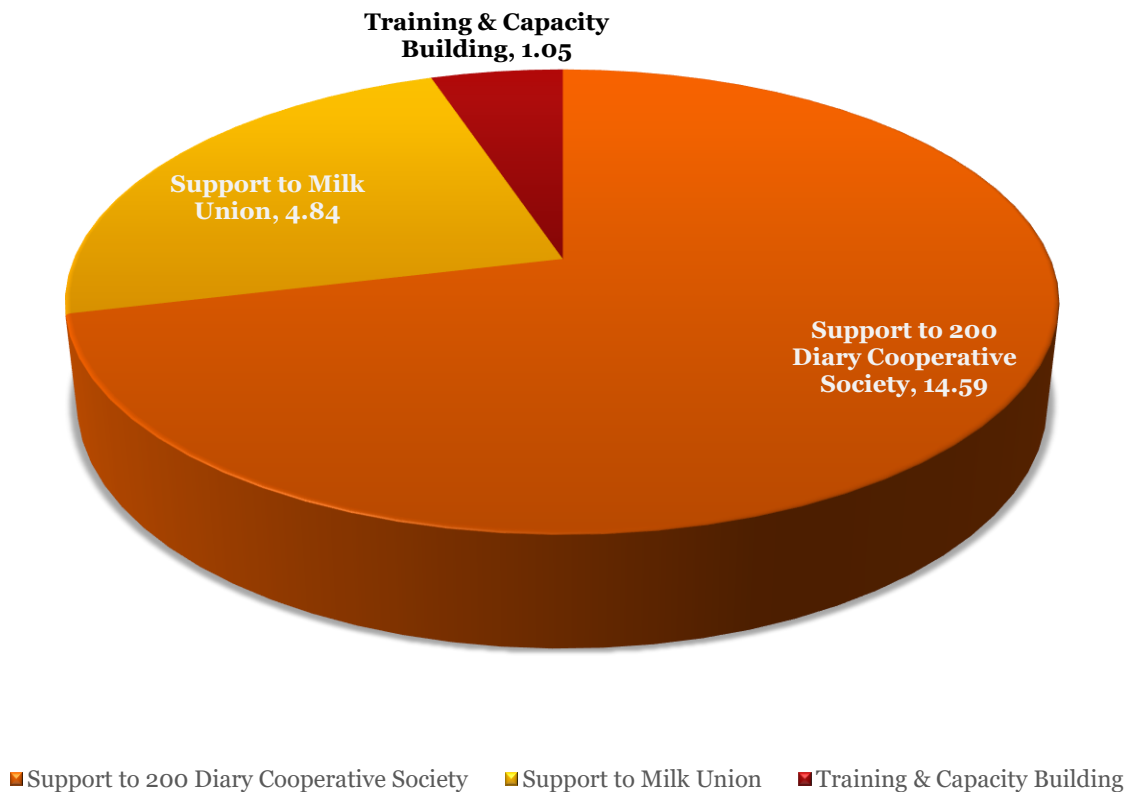
The project will cover 200 Dairy Cooperative Societies (DCS) in 10 blocks of Jajpur. 6000 farmers associated with milk production will participate in the training programmes organised by OMFED.

Project Initiation:

The project was approved in the 19th Board of Directors meeting held on 28th October 2020 with an approved cost of Rs. 20.48 Cr. The 1st instalment of funds amounting to Rs. 4.00 Cr was released to the department on 9th September 2021 which is considered as the project initiation date.

Physical & Financial-

Activity wise Budget (Rs. In Cr.)



Expected Outcome-



Till date the project has not been initiated as the district administration has changed the strategy and is planning to implement the project through Women SHGs.

Project 4 - Livelihood promotion in 05 Forest Divisions of Ama Jangala Yojana

Background:

Livelihood promotion in 5 Forest Divisions of Ama Jangala Yojana, has been submitted by Forest, Environment & Climate Change Department, Govt. of Odisha which is being implemented by Odisha Forestry Sector Development Society (OFSDS). The proposal aims to provide supplementary livelihood opportunities to the forest depended communities through various Income Generating Activities via Forest based, Farm and off Farm for increasing their income as well as to reduce pressure on forest resources. Therefore, the primary focus of the program is to ensure the sustainable forest management by involving local forest fringe community in participatory mode through Vana Surakshya Samiti (VSS). Thus, it emphasizes on livelihood support through convergence with various line departments with the following objectives:

1. To provide and improve livelihood opportunities of the forest dependent communities
2. To enhance the skill of the forest dependent community

Major Project components:

Since the project focuses on improved livelihood opportunities for the population residing in and around the forests and also sustainable forest management, which is the need of the hour, the following components are associated with the project:

Preparatory Work, (Livelihood Plan Preparation & Office setting)	Livelihood improvement (Revolving Fund)	Livelihood improvement (Cluster Development, Livelihood fund, BD, Community Mobilization)
Capacity Building & Training	Internal Monitoring & Evaluation	HR & Project management (Support Activities (FMU, DMU & SPMU, Communication, Doc & Publication &Contingency)

Project Coverage:

The coverage of the project is as follows:

- 03 Districts- Sundargarh, Deogarh and Keonjhar
- 05 Forest Divisions (Rourkela, Bonai, Deogarh, Keonjhar & Keonjhar (WL)).
- Ranges: 25
- VSS: 900 covering 69,890 Households

Project initiation:

This project was approved by the Board of Directors of OMBADC in its 20th BoD meeting held on 22nd December 2020 with a sanctioned budget of Rs. 43.43 Cr. The first instalment of Rs. 1.00 Cr was released on 5th October 2021 which is considered as the project initiation date.

Progress of project in FY 2021-22:

Though the project was sanctioned in the month of December 2020, the project had a delayed start due to late submission of DPR and subsequently 1st instalments of funds were released after a gap of 9 months. Still after release of funds in Oct 2021, by the end of the reporting period, in a span of 5 months the basic activities for implementation of the project has been completed which are as follows:

- 999 VSS selection and their orientation on the project has been completed
- NTFP product identification has been completed.
- Preparation of livelihood plan for VSS is completed
- Capacity building and training of the target group has also been completed.

Snapshots of the Capacity building sessions:



Project 5: Enhancing livelihoods of People by leveraging strength of SHGs in the Mining Affected Areas

Background:

Odisha Livelihoods Mission (OLM) in convergence with OMBADC has been planning to implement various programmes to restore and strengthen the livelihoods of the mining affected people in Keonjhar, Sundargarh, Mayurbhanj and Jajpur districts. The objectives of the convergence are to "reduce vulnerabilities, strengthen institutions and ensure sustainable income of mining affected poor and vulnerable households".

Major Project Components:

The major project components are aimed at enhancing the livelihood opportunities among the population affected by mining operations in the 04 priority districts of OMBADC. The 03 components are as follows:

- I. Vulnerability Reduction & Social Development where most of the activities are related to farm production and its disposal
- II. COVID Assistance Fund is being provided to returnees (for initiating small enterprises) who were employed elsewhere and have returned due to the pandemic and do not have any employment opportunities.
- III. Livelihood Interventions- Farm & Non-Farm pertaining to Broiler, Goat and Fisheries units and strengthening the traditional livelihood engagements.

Project Coverage:

A few region-specific livelihoods activities having cluster approach has been taken up in 446 villages spread over 79 GPs in 17 blocks across the four priority districts.

Project initiation:

The project was approved in the 14th Board of Directors meeting of OMBADC held on 5th April 2019 with a sanctioned cost of Rs. 34.78 Cr. The 1st instalment of funds amounting to Rs. 10.43 Cr was released on 28th March 2019 considered as the project initiation date for the project.

Status of project in FY 2020-21:

Under the Component, Vulnerability Reduction and Social development, all the 5 activities were initiated. 10 community nurseries were established, 634 SHG households were provided with quality vegetable seeds, revolving fund to the tune of Rs. 15,000/- was provided to 205 SHGs and Vulnerability reduction fund was provided to 31 Cluster level Forums.

Similarly, under the intervention of COVID Assistance package, a total of 777 families were benefitted through different package of schemes under OMBADC funding and the amount distributed till March 2021 was Rs. 2.21 Cr. Further, under the Farm livelihood component, 02 no. of clusters were formed which became operational. Under non-farm livelihood initiative, the activity of establishing of "Utkal Kitchen" was initiated by SHG groups. 04 Producer Groups under the Tasar

initiative, were formed in Keonjhar district, 10 Common Facility Centres (CFCs) were started and a total of 06 GPLF buildings were completed.

Physical & Financial progress in FY 2021-22:

A brief description of the interventions that have been taken and the physical and financial progress in the FY 2021-22 are as under:

IV. Vulnerability Reduction & Social Development:

a. Training & Capacity Building to APC-Producer Group (PG)

The project has been involved in forming community institutions with consistent and grounded strategies. Efforts have been made in strengthening 82 Agriculture Production Cluster (APC) through their training & capacity building of the Producer Group (PGs) members. These training include basic modular training, advance training, theme specific training, etc.

b. Promotion of Community Nursery

In a quest to reduce malnutrition in the mining areas, effort has been taken to promote nurseries across the mining district. These nurseries will primarily serve as a focal point for raising saplings and seedlings at GP levels. Further, the saplings and seedlings raised are distributed locally to establish nutri-gardens in the community. For this purpose, the self-help group at Gram Panchayat or village level is identified, trained and equipped to initiate the formation of nurseries.

c. Round the year backyard nutrition garden

To ensure improved nutritional intake by SHG Households, the project has been encouraging and providing necessary inputs to the SHG members to take up kitchen gardening. In this intervention, good quality seeds of vegetables like Tomato, Ladyfinger, Chilli, Brinjal, Spinach, Drumstick, etc. are provided to SHG households.

d. Rural Financial Services (Revolving Funds to SHG)

Revolving Fund is provided as resources in perpetuity to the institutions of the poor, to strengthen their institutional and financial management capacity and build their track record to attract mainstream bank finance. This helps the members to meet their initial needs and increase corpus money of the SHGs. This also increases the confidence level and trust of members. Revolving Fund is given to SHGs that have been practicing 'Panchasutra' (Regular meetings; Regular savings; regular inter-loaning; Timely repayment; and Up-to-date books of accounts).

e. Vulnerability Reduction Fund (VRF) to Cluster level Forum (CLF)

Vulnerability Reduction Fund is a fund (corpus fund) given to village level organization (Cluster level Forum- 5 to 15 SHG in each CLF) to address vulnerabilities like food insecurity, health risk, sudden sickness/hospitalization, natural calamity, etc., faced by the household(s) or community. The purpose of VRF is to address the special need of vulnerable people, SHG

members with vulnerabilities including the needs of any destitute/non-members in the village.

Status of activities under Vulnerability Reduction & Social Development- FY 2021-22

Activities	Unit	Target		Achievements	
		Physical	Fin. (Rs. in Lakhs)	Physical	Fin. (Rs. in Lakhs)
Promotion of Community Nursery	No. of GP	69	75.9	43	34.65
Establishment of vegetable seed clusters	No. of Cluster	3	31.11	1	10.23
IB & CB to 82 APC PGs @ Rs.2.04 Lakh per PG in Keonjhar	No. of PG	82	167.28	82	167.28
Working capital to 82 APC PGs @ Rs 5 Lakh per PG in Keonjhar	No. of PG	82	410.0	65	65.0
Promotion of Producer Company in Keonjhar	No. of PC	2	123.0	1	61.50
Construction of Back yard poultry shed for Mo Upari Bagicha beneficiaries in Keonjhar	No. of HHs	100	12.0	100	12.0
Nutrition Intervention	No. of GP	5	10	5	10.0
Round the year Backyard Nutrition Garden	Individual	634	6.34	921	8.17
Vulnerability Reduction (VRF) Fund	CLF	31	27.9	31	27.9
Revolving Fund	SHG/CLF	205	30.75	0	0.0

* PG- Producer Group, **CLF- Cluster Level Federation

V. COVID Assistance Package (CAP)

During the pandemic, the tribal rural population has been among the most affected factions. The fear of transmission resulted in the downsizing of the rural economy. As a consequence, Odisha experienced intense reverse migration, unemployment and loss of economic growth. To aid the tribal rural masses during the tough times, Covid-19 Assistance Package was introduced to provide financial backing for the sustenance of new and existing nano as well as micro enterprises. The eligible beneficiaries have availed loan for taking up different types of business activities particularly farm, off farm and non-farm activities. There are four packages of assistance are designed for different category of the population:



- Package 1- Working capital support fund for individual for enterprise development- 50,000/-
- Package 2- One-time financial assistance to existing collective enterprises-1,50,000/-
- Package 3- Individual assistance to enterprises run by Vulnerable Households- 20,000/-
- Package 4- Start-up fund support for Migrant Returnees- 1,00,000/-



Entrepreneurs supported financially under COVID Assistance Package at Sundargarh

Details of financial assistance under different packages

Sl. No	Packages	Unit Description	Target		Achievement	
			Phy.	Fin. (INR Lakhs)	Phy.	Fin.(INR Lakhs)
1	Working Capital for Enterprises (Nano. / Micro)	Individual SHG Member/ Member from SHG HH	198	99	257	101.10
2	Financial assistance to Collective Enterprises	EG / PG	55	82.5	0	0
3	Individual Assistance to Vulnerable HHs	SHG Members/ SHG HH/ Extremely vulnerable Non-SHG members	821	164.2	498	95.80
4	Start Up Fund Support to Skilled/Semi-skilled Migrant returnee	Skilled Migrant returnee	179	179	24	24

Livelihoods Interventions (Farm & Non-Farm)

Farm Intervention (Livestock)

a. Formation of Goat Cluster

Goat rearing intervention is being implemented with the objective to provide employment and to increase income of small, marginal and landless farmers. For this, reducing mortality in goat, enhancing productivity through different preventive and productivity enhancement activities along with marketing linkage facilities are crucial. All these services are provided to community members through trained community cadre called PraniMitras.

Under this intervention, SHG members are organized into Goat Producer Cluster and provided training on goat management. The SHG members procure 5 breedable Black Bengal Goat and 10 Kid on their own as per specified characteristics and accordingly the fund is transferred to the beneficiaries through Direct Benefit Transfer (DBT). Once the goats are procured by the beneficiary, different services on prevention and productivity enhancement in goat rearing is provided by the Prani Mitras.



Non- Farm Intervention

a. Food Enterprises (Women owned Food service Enterprises)

Promoting women owned Foodservice Enterprises, “Utkal Kitchen” is an initiative undertaken by the Women Self Help Groups (SHGs) in Sundargarh to promote food service enterprises. The effort



is to generate new avenues of engagements that would suit the need of the time and can prove to be a viable livelihood system.

b. Tasar Intervention- Formation of Producer Group

Sericulture is a livelihood activity that goes round the year and provides remunerative income to the farmers. It provides indirect employment to equal number of reelers, spinners & weavers and more than 46,828 SC/ST families practicing Tasar culture in 14 hilly districts of the State including OMBADC operational areas. Annually nearly 5,000 Kahans of Tasar cocoons are produced from Keonjhar, Mayurbhanj and Sundargarh districts and Tribal farmers earn nearly one crore rupees per annum with a very nominal investment on seed. Considering the promising livelihood opportunities, initiative has been taken on formation of producer groups & their capacity building, basic seed rearing unit, grainage unit and spinning unit.

c. Creation of Common Facility Centre (CFC) for promotion of Agriculture/Livestock Technology

CFC has been a strong initiative for disseminating knowledge on technology adoption on Agriculture & Livestock activities. It provides technical backing to the farmers in terms of farm mechanization, organic inputs, marketing information, and many other benefits. Similarly, special training programs are conducted on poultry management, goat rearing and livestock program in these centres. Till the end of March 2021, a total of 10 CFCs have been established at community level.

d. Construction of Gram Panchayat Level Federation (GPLF) Building

The purpose of providing durable rural infrastructure (assets) for the GPLF of the SHGs from the concerned Gram Panchayat is to facilitate them, to conduct meetings, to keep records & register and preservation of raw materials as well as finished products of the SHGs affiliated to the GPLF.



Newly constructed GPLF Building at Karanjia, Mayurbhanj

Status of activities under Livelihood Intervention (Farm & Non-Farm)- FY 2021-22

Activities	Unit	Target		Progress made during March, 2021	
		Phy.	Fin. (INR Lakhs)	Phy.	Fin. (INR Lakhs)
Farm Livelihoods					
Goat Cluster (5 Goat 10 Kid Model)	No. of Units/ GP	20	542.76	6	124.02
Goat Cluster (3 Goat 6 Kid Model)	No. of Units/ GP	29	570.76	12	237.47
Fishery Unit	No. of Units/GP	7	14.96	3	6.42
Boiler Unit	No. of Units/GP	31	218.55	6	39.30
Food Enterprises by WSHG	Per unit	02	45.0	1	22.5
Non-Farm Livelihoods					
SHG Multi Product store	Per Unit	5	75.0	0	0.0
Mecahnization support (Post harvest processing & packaging)	Per Unit	5	25.0	0	0.0
Food Canteen	Per Unit	2	45.0	1	7.41
Food Kiosk	Per Unit	5	25.0	0	0.0
Catering Services	Per Unit	4	20.0	2	10.0
Processing -cum-Reeling Unit (TASAR)	Per Unit	2	10.0	0	0.0
Grainage Unit	Per Unit	13	39.0	2	6.0
Tasar Intervention- Formation of Producer Group (PG)	Per unit	06	18.24	4	12.6
Terracotta furnace unit (Keonjhar)	Per Unit	5	10.0	3	6.33
Creation of Common Facility Centre (CFC) Agriculture/ Livestock Technology Promotion	Nos. of CFC	10	35.0	1	3.50
Construction of GPLF Building	Nos. of Building	14	196.0	13	183.25
Livelihood Implementation support at blocks level.	No. of Person	17	34.4	15	5.97

Therefore, it can be concluded by the above details that, considerable progress is registered in the FY 2021-22 in the Livelihood sector compared to the progress achieved in the FY 2020-21. However, certain interventions have not picked up like disbursement of Revolving fund for SHGs, Financial assistance to collective enterprises, opening of SHG multipurpose stores, Mechanization support, Food Kiosk, Processing cum reeling unit (TASAR) and Creation of CFCs.

Project 6: Livelihood promotion through Horticulture activities

Background:

70% of tribal population in mining districts live in rural areas and depend on agriculture and natural resources for their livelihoods. Within agriculture, Horticulture sector provides ample opportunities for sustaining large number of agro-industries which generate substantial employment opportunities. Since mining activities has directly affected the livelihoods of the tribal population, the Directorate of Horticulture through Department of Agriculture & Farmers Empowerment has proposed a wide range of activities promoting horticultural crops like fruits, vegetable and efficient land use practices with adaptable modern technologies; attempts have also been made to move from traditional soil and water conservation approach to integrated natural resource management approach focusing on production system enhancement on sustainable basis.

Major project Components:

The major project components are related to provision of irrigation facilities like creation of dug well, drip & sprinkler irrigation, capacity building and development of crops through Inter cropping, backyard nutritional garden, hybrid vegetable cultivation, banana and mushroom cultivation and provision of accessories like 5MT cold room.

Project initiation:

The project was approved in two phases- 1st phase in the 14th BOD meeting held on 05.04.2019 amounting to Rs. 14.11 Cr and the 2nd phase of the project was approved in the 16th BoD meeting held on 27.12.2019 amounting to Rs. 65.45 Cr. The 1st instalment of funds under phase 1 was released by OMBADC on 28th March 2019 amounting to Rs. 3.86 Cr and the 1st instalment for the Phase II project was released on 1st March 2021 amounting to Rs. 19.60 Cr. Thus, March 2019 and March 2021 is the initiation month for phase 1 project and march 2022 for phase 2 projects dates respectively for the Horticulture projects.

Status of projects in FY 2020-2021:

Since the project components under Phase I and Phase II were similar, it was decided by OMBADC to merge the targets of both the projects and monitor the project accordingly. Therefore, the progress of the projects till the FY 2021 are captured as under:

Sl. No	Activities	Unit	Target for the FY 2019-20 (Ph-I + Ph-II)		Cumulative Progress upto March 2021	
			Phy.	Fin. (INR lakhs)	Phy.	Fin. (INR lakhs)
1	Creation of water sources (Bore well)	No.	300	15.36	45	98.49
2	Creation of water sources (Dug well/ Farm Pond)	No.	580	8.7	54	44.74
3	Drip Irrigation	Ha.	555	1.11	11	4.45
4	Sprinkler Irrigation	Ha.	1785	1.428	23	0.67

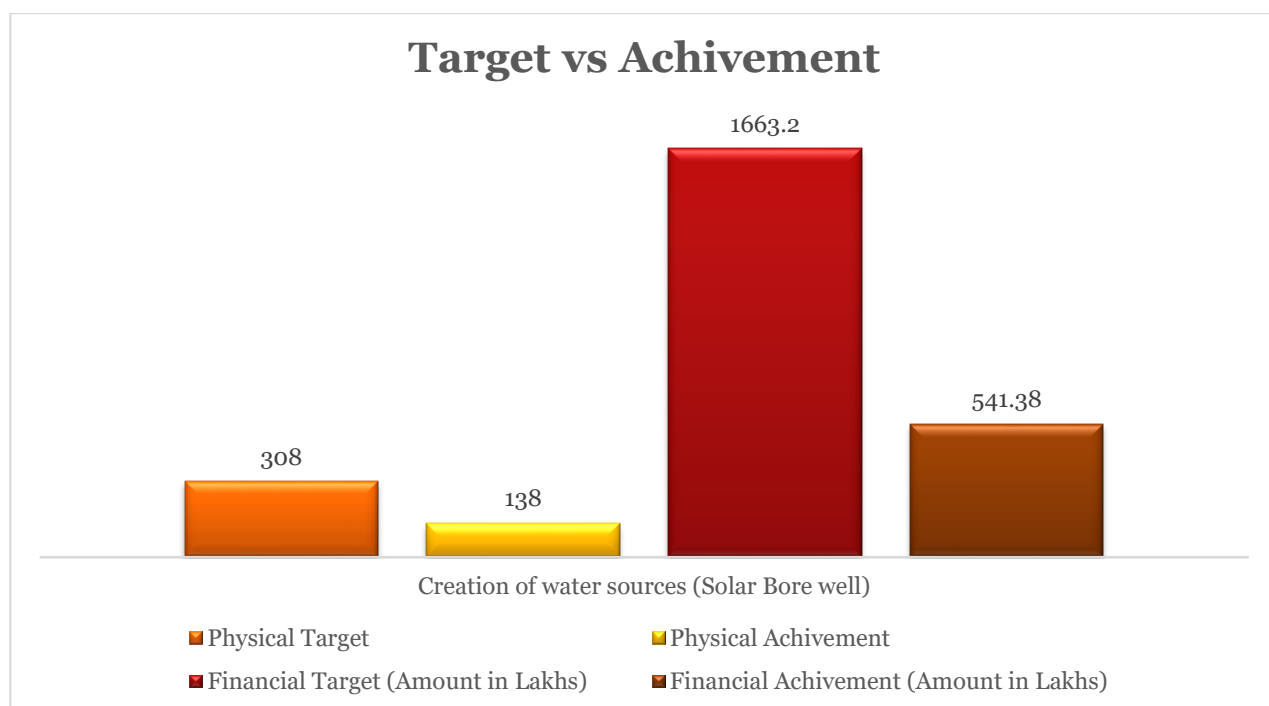
Sl. No	Activities	Unit	Target for the FY 2019-20 (Ph-I + Ph-II)		Cumulative Progress upto March 2021	
			Phy.	Fin. (INR lakhs)	Phy.	Fin. (INR lakhs)
5	Inter cropping	Ha.	420	4.2	4	3.84
6	Hybrid vegetable cultivation	Ha.	609	3.045	47	23.30
7	Backyard Nutritional Garden	No.	12425	3.998	4694	11.51
8	5MT Cool Chamber	No.	125	18.925	234	315.00
9	Mushroom Cultivation	No.	594	11.88	123	167.35
10	Banana cultivation	Ha.	200	6.0	63	114.83
11	Plastic Tunnel	No.	25	0.6	5	12
12	Honey Bee Cultivation	No.	40	0.01	30	0.75

Compared to the Last FY, the physical and financial achievements during 2021-22 under various activities are indicated below:

I. Water Resource Development:

a. Creation of Water sources (Dug Well/Farm Pond/Bore Well)

Water bodies are meant to provide protective irrigation during kharif season. Therefore, strategy has been adopted to conserve, divert and harvest the excess runoff water for productive use. The irrigations structures such as Farm Pond, Dug well, etc. are constructed to ensure protective irrigation during kharif season and also support post rain crops cultivated by farmers resulting in increased cropping intensity and volume of production.





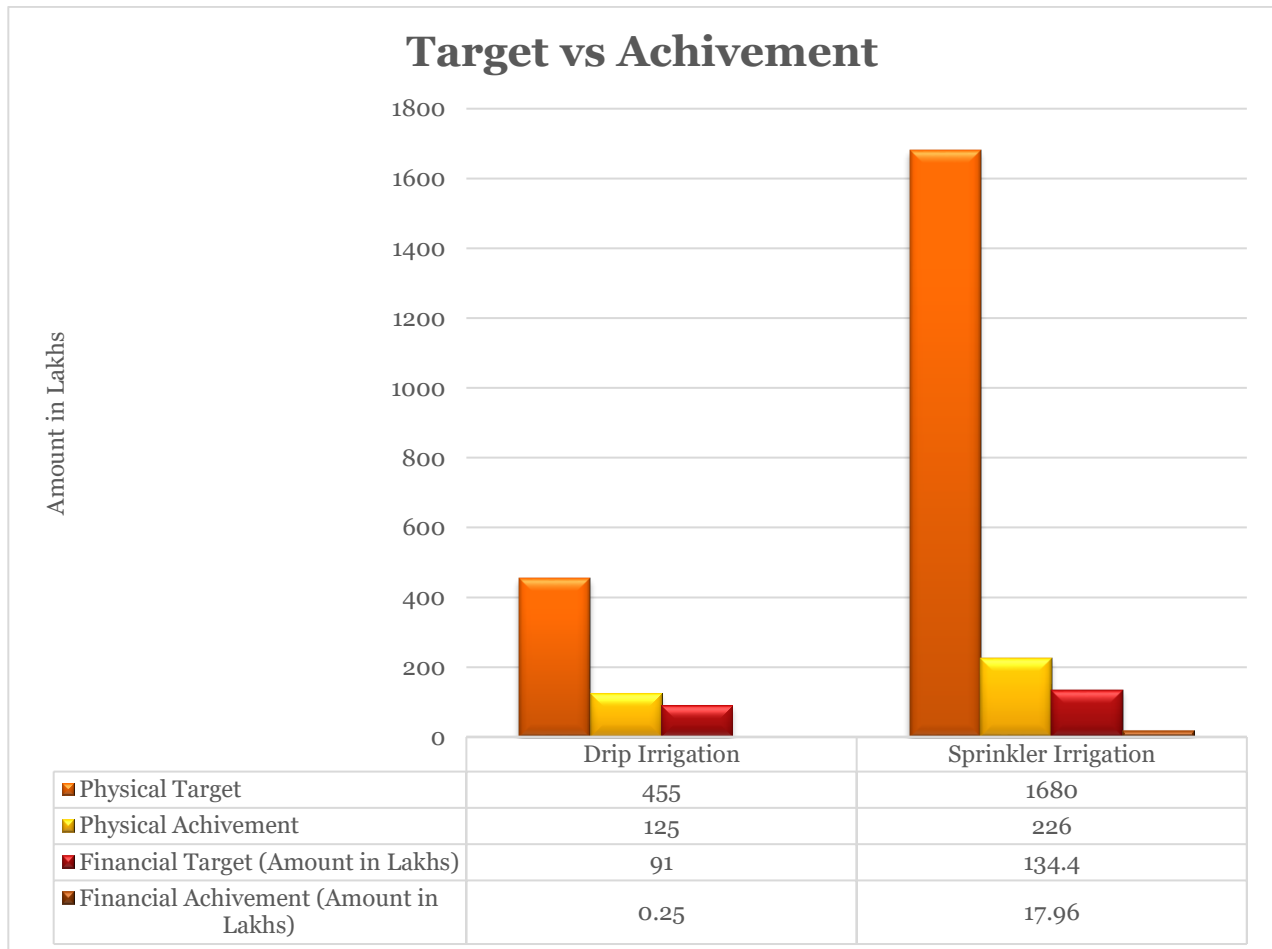
Construction of Farmpond to improving food security & nutrition



Installation of Solar borewell for continuous irrigation facilities

b. Drip & Sprinkler Irrigation

Assured irrigation to the crops will increase the productivity of various crops. The drip and Sprinkler irrigation which is being proved to be most efficient & economic way of crop production particularly for fruit & vegetables. The system will convert a mono crop farmer to a multi crop farmer. The objective is to provide an efficient irrigation (water) management technology that empowers farmers to overcome drought situations and produce at least 3 crops in a year. It enables a Regular Income Mechanism – around the year cash flow system for the beneficiary, thus enabling rural poor to overcome poverty.



II. Cropping Strategy:

a. Inter Cropping

Intercropping is a multiple cropping practice of growing two or more crops in same piece of land. The most common goal of intercropping is to produce a greater yield on a given piece of land by making use of resources or ecological processes that would otherwise not be utilized by a single crop. Pineapple, vegetables & flower cultivation will be promoted under this component as per the demand of the farmers.

b. Hybrid Vegetable Cultivation



Drip irrigation system installed in Sundargarh



Sprinkler irrigation in Mayurbhanj

In order to improve the income and make farmers prosperous, they are being trained on scientific methods of vegetable cultivation. Further, to improve quality of produce and reduce cultivation cost, farmers were trained to prepare bio-fertilizers and bio-pesticides from locally available resource. Farmers also produce compost from agriculture waste for use in farming.

c. Backyard Nutritional Garden

Kitchen garden was started with an objective to improve the nutritional intake of the family having small piece of land. In an area of 20 square feet, farmers can grow vegetable like tomato, chilly, lady finger, bottle gourd, bitter gourd, sponge gourd, green leafy vegetables to meet their daily vegetable requirements. Farmers can also grow papaya, banana in the boundary of these vegetable gardens. During this financial year, a total of 12,650 Household undertook backyard kitchen gardening. Outcome of these efforts would be visible in the near future both in terms of better nutrition and increase in the income of the family.

Activities	Unit	Target		Achievements	
		Phy.(nos.)	Fin. (Lakhs)	Phy. (nos.)	Fin. (Lakhs)
Inter Cropping	Ha.	370	370.0	70	70.0
Hybrid Vegetable Cultivation	Ha.	607	303.5	474.75	237.38
Backyard Nutritional Garden	No.	12650	25.3	6735	13.42



Commercial Chilli farming under hybrid vegetable cultivation in Mayurbhanj

III. Technology and Knowledge Management:

a. Mushroom Cultivation

Mushroom is a palatable food accepted by people as daily diet and alternative to meat & fish. The household based mushroom cultivation has been undertaken by 602 families as a step towards short income-cycle resilience against vulnerability in main livelihoods activities and risk reduction from farm-based production system.



Progressive women farmers engaged in Mushroom cultivation at their backyard in Mayurbhanj

b. 5 & 30 MT Cool Chamber/ Storage

Small scale cold chamber is established to store vegetables, fruits and flowers for shorter duration and sell it without deterioration of the product quality. Farmers will also get appropriate value of the product. It will reduce the distress sale. In total, 128 nos. of 5 MT and 10 nos. of 30 MT capacity solar based cold chambers are proposed in 4 mining affected districts where vegetables and fruits can be stored as per the feasibility.



ନିମ୍ନ ହେବନି ମହିଳାଗଣାଙ୍କ ଖରାଦିନିଆ ପନିପରିବା ପଦ୍ମକେଶରୀପୁରରେ ଶୀତଳଭଣ୍ଡାର କାର୍ଯ୍ୟକ୍ରମ



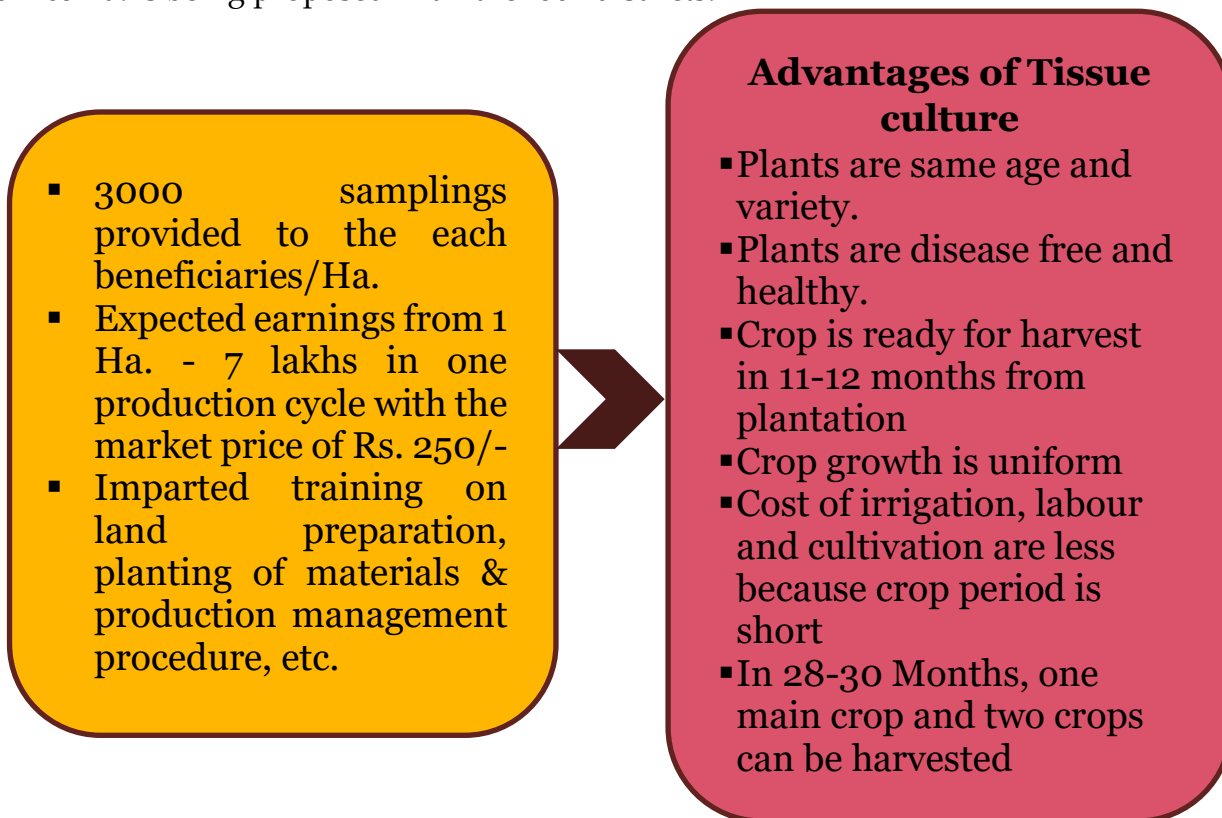
କେନ୍ଦୁଝର, ୧୧୪୪ (ଆପ୍): ଚାଳିରି କିମ୍ବ ବ୍ୟବସାୟ ନୁହେଁ, କୃଷି କ୍ଷେତ୍ରରେ ମଧ୍ୟ ନିଜର ପରାକାଷ୍ଠ ଦେଖାଇ ସଫଳତାର ପାହାଚ ଚଢ଼ିଛନ୍ତି ମହିଳା। ସାମୁହିକ ବା ଗୋଷ୍ଠୀଗତ କୃଷି ମହିଳାମାନଙ୍କ ସଫଳତାରେ ସହାୟକ ହୋଇଛି। ଏହିକ୍ରମରେ କେନ୍ଦୁଝର ଝୁମ୍ପୁରା ବ୍ଲକ୍ ପଦ୍ମକେଶରୀପୁରର ମହିଳା ଗଣା ବିଭିନ୍ନ ପନିପରିବା ଗଣା କରି ରୋଜଗାରକ୍ରମ ହୋଇଛନ୍ତି। ତେବେ ସେମାନଙ୍କ ଦ୍ଵାରା ଉତ୍ପାଦିତ ପନିପରିବା ଓ ବିଭିନ୍ନ ପସଲ ସଂରକ୍ଷଣ ସୁବିଧା ନ ଥିବାରୁ ପ୍ରତିବର୍ଷ କ୍ଷତି ସହିବାକୁ ପଡ଼ୁଛି। ଓମ୍ବଡ଼ା ସହାୟତାରେ ଗାଁରେ ୮ ଟନ କ୍ଷମତା ବିଶିଷ୍ଟ ଏକ ଶୀତଳଭଣ୍ଡାର ସ୍ଥାପନା କରି ଓଡ଼ିଶା ଅନୁସୂଚିତ ଜନଜାତି ସଶକ୍ତୀକରଣ କାରିକା ନିର୍ବାହ କାର୍ଯ୍ୟକ୍ରମ ପୂର୍ବ, ଚମ୍ପୁଆ ଏବଂ ଉଦ୍ୟାନ କୃଷି ବିଭାଗ ଏହି କ୍ଷତି ରୋକିବା ଦିଗରେ ସହାୟକ ହୋଇଛନ୍ତି। ନିକଟରେ କାର୍ଯ୍ୟକ୍ରମ ହୋଇଛି ମା' ଉତ୍କଳ ଜନନୀ ସମ୍ମାନ ସହାୟିକା ଗୋଷ୍ଠୀକୁ ପ୍ରଦାନ କରାଯାଇଥିବା ଏହି ପୋର୍ଟେବଲ୍ ଶୀତଳଭଣ୍ଡାର। ଏହାକୁ ନେଇ ଗ୍ରାମର ଗଣାମାନେ ଖୁସି ପ୍ରକଟ କରିଛନ୍ତି।

ପଦ୍ମକେଶରୀପୁର ଗ୍ରାମର ୩୮ ଆଦିବାସୀ ପରିବାର ବର୍ଷ ତମାମ୍ ବିଭିନ୍ନ ପନି ପରିବା ପସଲ ସାଙ୍ଗକୁ ଆଳୁ, ମଇଦା ଆଦି ଗଣା କରୁଛନ୍ତି। ପ୍ରତି ରତ୍ନରେ ପ୍ରଚୁର ପରିମାଣର ବିଲାତି, ବାଇଗଣ, କଞ୍ଚା କଦଳୀ, ବିନ୍ଦୁ, କଲରା, ରୁମା ଛୁଇଁ ଭଳି ବିଭିନ୍ନ ପସଲ ଉତ୍ପାଦନ କରୁଛନ୍ତି। ସେମାନଙ୍କ ଉତ୍ପାଦିତ କୃଷିଜାତ ଦ୍ରବ୍ୟ ବିକ୍ରି କରିବା ପାଇଁ ଏଠାକାର ଗଣାମାନେ ମୁଖ୍ୟତଃ ଝୁମ୍ପୁରା ବଜାର ଉପରେ ନିର୍ଭର କରନ୍ତି। ତେବେ ଅଧିକ ଉତ୍ପାଦନ ହେବା ପକରେ ଅନେକ ସମୟରେ ଅଭାବୀ ବିକ୍ରିର ସମ୍ମୁଖିନ ହେଉଛନ୍ତି। ଉପଯୁକ୍ତ ସଂରକ୍ଷଣ ବ୍ୟବସ୍ଥା ନ ଥିବାରୁ ସେଗୁଡ଼ିକ ନଷ୍ଟ ମଧ୍ୟ ହେଉଛି। ଚଳିତ ବର୍ଷ ଏହି ଗ୍ରାମରେ ଚନ୍ଦ୍ରନ୍ଦ୍ର ଆଳୁ ଉତ୍ପାଦିତ ହୋଇଛି। ଆଦିବାସୀ ଗଣାମାନଙ୍କ ଏହି ସମସ୍ୟାକୁ ଉପଲକ୍ଷ କରି ଓମ୍ବଡ଼ା ସ୍ଵଳ୍ପ ୧୫ ଲକ୍ଷ ଟଙ୍କା ବ୍ୟୟ କରାଯାଇ ୮ ଟନ କ୍ଷମତା ବିଶିଷ୍ଟ ଏକ ପୋର୍ଟେବଲ୍ ଶୀତଳ ଭଣ୍ଡାର ନିର୍ମାଣ କରାଯାଇଛି। ଏହି ଶୀତଳ ଭଣ୍ଡାରରେ ସେମାନଙ୍କ ଉତ୍ପାଦିତ ପନି ପରିବା ଏବଂ ଅନ୍ୟାନ୍ୟ ସଂରକ୍ଷଣ କରି ଉଚିତ ସମୟରେ ଉଚିତ ମୂଲ୍ୟରେ ବିକ୍ରି କରି ପାରିବେ ବୋଲି ମା ଉତ୍କଳ ଜନନୀ ସମ୍ମାନ ସହାୟିକା ଗୋଷ୍ଠୀର ସଭାପତି ବାସନ୍ତୀ ନାଏକ ଏବଂ ସମ୍ପାଦିକା ପ୍ରମିଳା ପ୍ରଧାନ କହିଛନ୍ତି। ଅନ୍ୟପକ୍ଷରେ ବର୍ତ୍ତମାନ ଖରାଦିନି ହୋଇଥିବାରୁ ଘରେ ପନି ପରିବା ରଖିଲେ ନଷ୍ଟ ହେବାର ଆଶଙ୍କା ରହିଥିବତେଲେ ଶୀତଳ ଭଣ୍ଡାର କାର୍ଯ୍ୟକ୍ରମ ହେବା ଦ୍ଵାରା ଏହି ଆଶଙ୍କା ଦୂର ହୋଇପାରିବ ବୋଲି ଗଣାମାନେ କହିଛନ୍ତି।

Women SHG members manage the 5 MT Cool chambers to mitigate distress sale of vegetables

c. *Tissue culture Banana Cultivation*

Tissue culture banana plantation (Grand naine variety) was undertaken to generate more profit for the farmers of the mining affected areas. A hands-on training on cultivation practices of tissue culture banana was provided to the selected farmers. The banana tissue culture plantlets were produced and distributed to all the selected farmers. The scientific innovation helps the farmers in acceptance of tissue culture protocol in banana cultivation. A total target of 265 ha. is being proposed in all the four districts.



d. *Tunnel farming (Walk in Tunnel & Plastic Tunnel)*

In conventional agronomical practices, crops are grown / cultivated in the open field under natural conditions, where they are more vulnerable to sudden changes in climate, such as temperature, humidity, light intensity, photoperiod, and other conditions, which can have an impact on the quality and yield of a particular crop. To deal with the dilemma, current horticulture techniques and technology advancements i.e tunnel farming were used to grow and develop plants in a completely controlled environment, resulting in larger yields and better product quality.

e. *Power sprayer*

Agriculture in the 20th century prompted a change away from an overly reliance on human and animal power and toward mechanical power, assisting in reducing the physical strain on both humans and animals. Beneficiaries are given access to agricultural equipment in order to lighten their workloads and increase farming productivity. Due to the usage of farm equipment, there has been an increase in the output of a key crop and a sustained decrease in labor costs. Sustainable agriculture holds that in addition to lowering labor, straightforward, environmentally friendly, and non-fossil fuel based mechanical power can increase crop output.

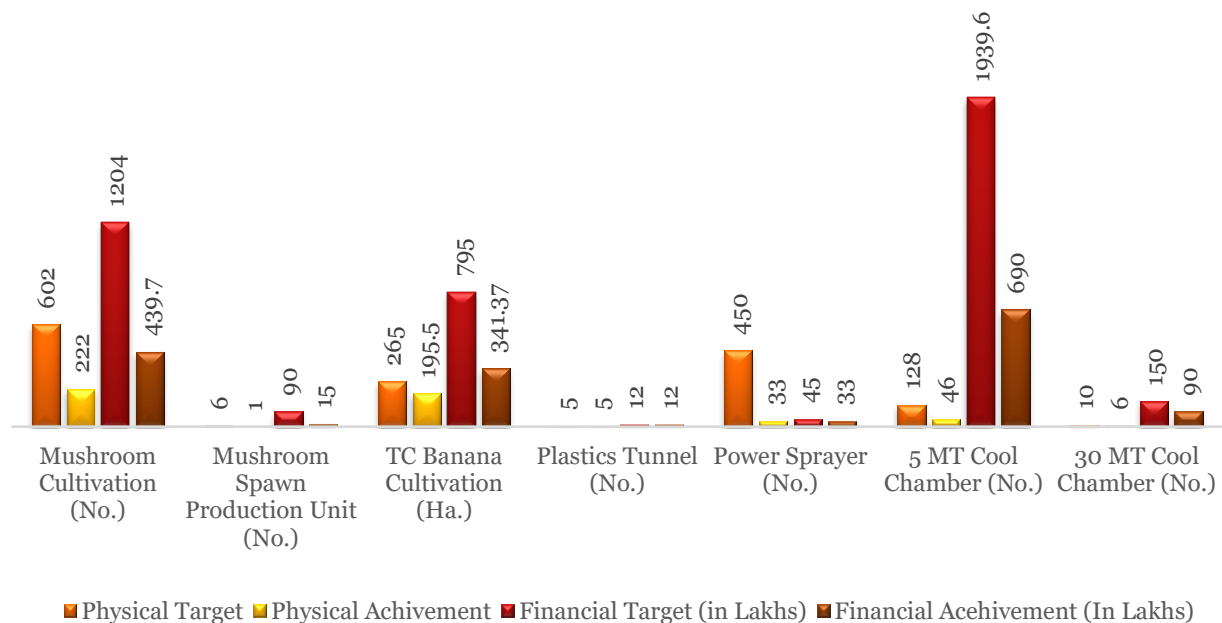


Use of Power Sprayer to improve the crop productivity to a large extent



Tissue culture Banana grown by Small & Marginal Farmers in Sundergarh

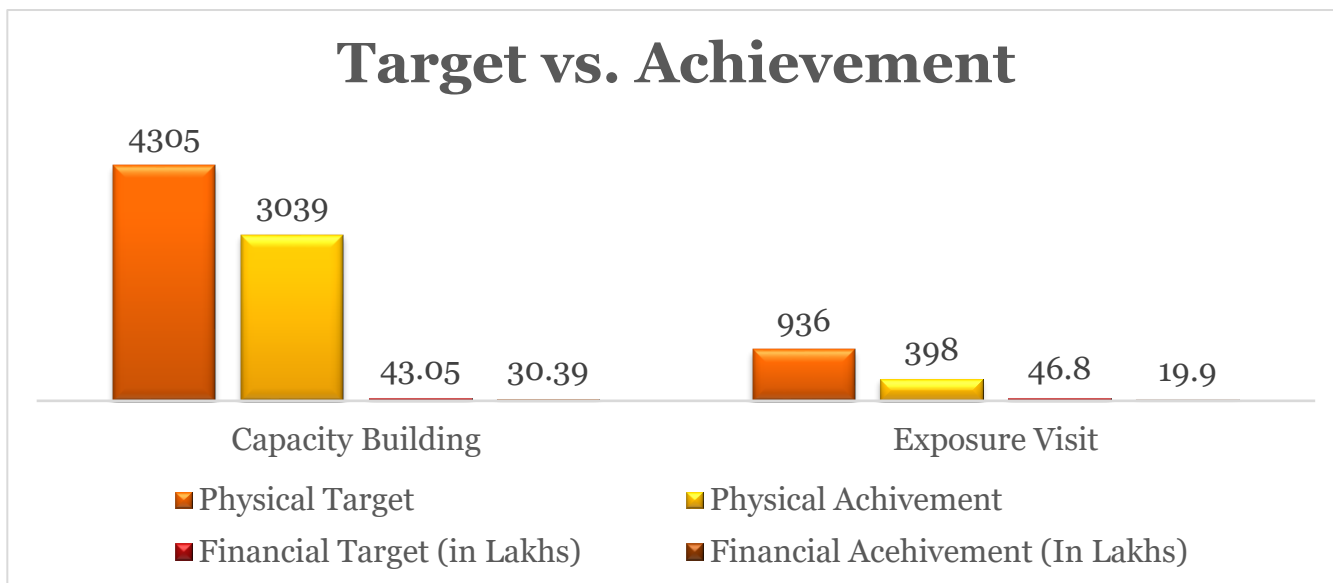
Activity wise Target vs. Achievement



IV. Skill Development:

a. Training & Exposure Visits

Capacity building measures for the framers, which included male and women farmers from different social groups was undertaken on Mushroom farming, apiculture, hybrid vegetable cultivation, etc. Selected framers were also provided exposure visit to learn on Mushroom cultivation. The selected farmers have the option of adopting learning in their mushroom units which was improved their production and quality of management. The capacity building trainings were non-residential in nature and duration of training varied from 1-4 days, depending upon the topic. The trainees/ farmers found training inputs of good quality and useful for application.



Project Outcomes

- ✦ 195 hectares come under banana cultivation (Grande naine variety) and the farmers increases their productivity from an average of 12 kg to over 26 kg per bunch per year and have consecutively taken crops with two ratoons in about 30 months.
- ✦ 138 nos. of solar bore well installed in mining areas for continuous irrigation facilities which improve the lives of farmers by increasing irrigation potential.
- ✦ Women SHGs are engaged to manage 46 nos. of 5MT Solar based cool storage which installed to mitigate distress sale of vegetables & fruits produce locally.
- ✦ 222 nos. of individual women farmers are engaged in Paddy & Oyster Mushroom cultivation and has been earning an average monthly profit of ₹10,000- 15,000.
- ✦ Average number of agricultural implements owned by a household in project area has increased resulted to 15-30% increase in yield of major crops and substantial reduction in labour cost.

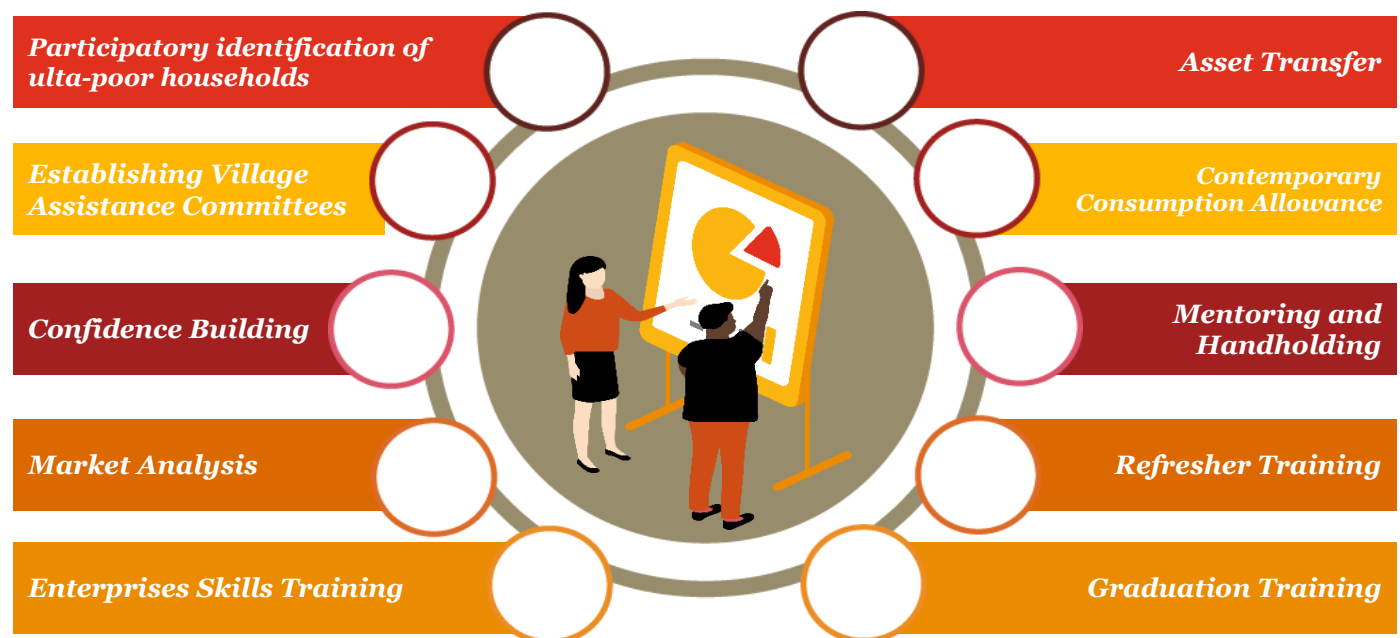
Project 7: Targeting the Hardcore Poor (THP) Programme

Background:

The Targeting Hard core Poor (THP) programme is a holistic model that has been designed to change to the lives of the poorest of the poor by providing economic services that integrate self-reliance, enterprise support, welfare provisions, financial inclusion, and social capital. To address the poverty & exclusion, this model offers grants (in the form of free assets, not cash) to the destitute women. They start generating income out of the assets and are consequently able to sustain their livelihoods. Regarding the outcome of the project, it is seen that within 18- 24 months of this intervention, these hardcore poor beneficiaries start to graduate, uplift themselves from extreme poverty and get linked to mainstream society.

Major Project Components:

The basic objective of the project is to address the multiple economic deficiencies of the identified ultra-poor women headed households through their training, asset transfer and linking them to formal financial institutions/ micro finance and government programmes. Therefore, the major project components include beneficiary selection, enterprise identification, asset transfer, temporary consumption support, training and mentoring etc. The following figure presents the set of activities that the PIA will undertake for graduation of the beneficiaries above the poverty line:



Project Coverage:

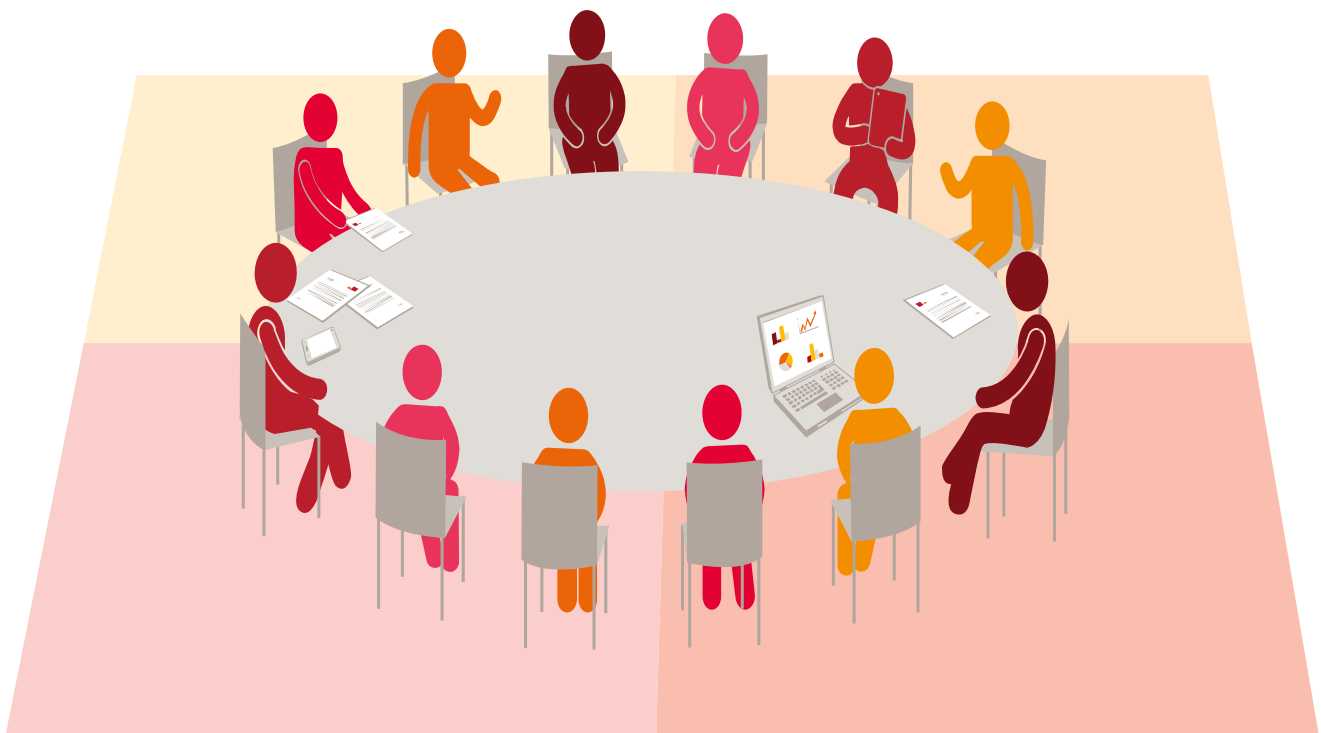
Agriculture & Farmers Empowerment (A&FE) Department in association with J-PAL (Jameel Poverty Action Lab) and Bandhan-Konnagar has proposed to implement the THP program to

support 10,000 ultra-poor households in the 3-mineral bearing OMBADC districts of Odisha i.e. Keonjhar, Sundargarh and Mayurbhanj

Project initiation:

The project was proposed by the Directorate of Soil Conservation & watershed Development through the Agriculture & Farmers Empowerment department and approved by the Board of Directors of OMBADC in its 18th meeting held on 14th October 2020 with a sanctioned cost of Rs. 35.24 Cr. The approved project period is 3 years. Bandhan Konnagar & Abdul Latif Jameel Poverty Action Lab (J-PAL) South Asia has been selected as the PIA for the project.

Submission of the Detailed Project Report (DPR) is pending at the end of the department till date. Thus, the project has not been initiated so far.



Project 8: Development of Mega Nursery in 4 districts

Background:

Horticulture is now considered a key area for diversification within the Indian Agricultural sector owing to its gaining commercial importance. The present scenario of depleting water and energy resources is generating interest in horticulture considering the possibility of converting arid lands into horticulture fields and the national goal for achieving 4% growth in agriculture can be achieved through the major contribution in growth from horticulture. Quality planting material (QPM) is the key input for successful Crop-production both in terms of quality & quantity. To address the above

issues, it has been proposed to develop Mega Nursery across 4 OMBADC district with the budget outlay of Rs. 11.71Cr.

Major Project Components:

- Development of farm as a center for model horticulture activities.
- Creation of new avenues for production of Quality Planting materials (QPM) of fruits, vegetables and flower seedlings.
- Creation of employment opportunities for rural labourers and discourage migration.

Activities purposed for the development of Farm

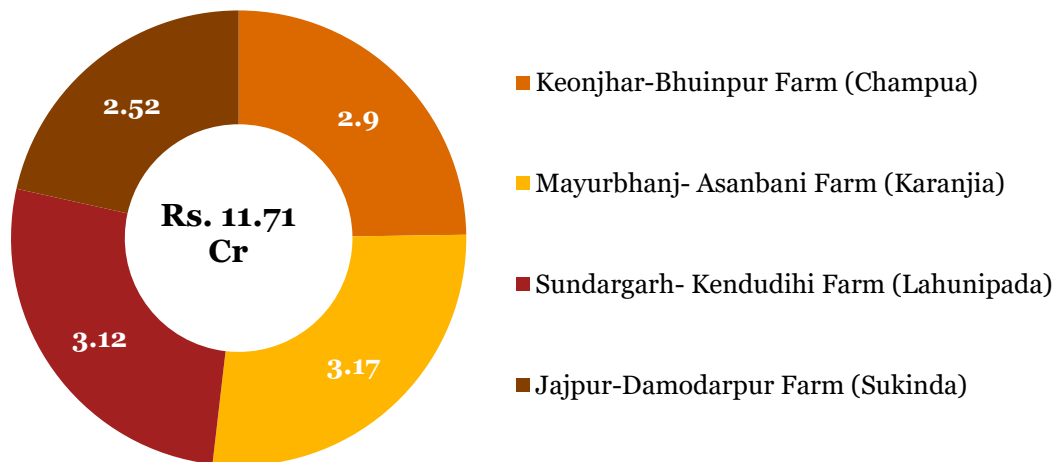
- Construction of Vermicomposting, Poly green house, Shade net house (Tubular), Drip irrigation, Sprinkler, Farm Pond, etc.
- Infrastructure Development in the firm i.e., construction of boundary wall, CC road, pump house, watchman shed etc.
- Purchase of Farm Machinery & Equipment's (Tractor with accessories)
- Production of QPM.
- Rejuvenation of Mother Plant available i.e., Mango

Project coverage:

The project is covering 04 priority districts of OMBADC – Keonjhar, Sundargarh, Mayurbhanj and Jajpur. The project interventions are being implemented from the Bhuinpur farm, Champua in Keonjhar, Asanbani Farm, Karanjia in Mayhurbhanj, Kendudihi farm, Lahunipada in Sundargarh and Damodarpur farm, Sukinda in Jajpur.

The following figure presents the area coverage along with the district wise financial allocation:

Dist. wise Funds distribution (Rs. in Cr.)



Project Initiation:

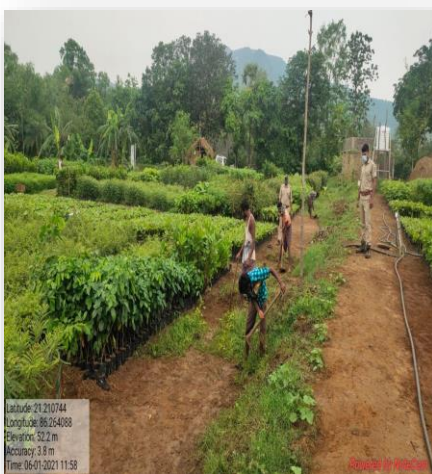
The project was approved in the 19th Board meeting of OMBADC held on 28th October 2020 with an approved value of Rs. 11.71 Cr. The 1st instalment of funds amounting to Rs. 3.51 Cr was released on 9th September 2021 which is the project initiation date for the project.

Status of the project in FY 2020-21

Though the project was approved in October 2020 but till March 2021 the A&FE department was not able to submit the DPR hence no funds was released to the department for implementing the project components.

Physical and Financial progress in FY 2021-22

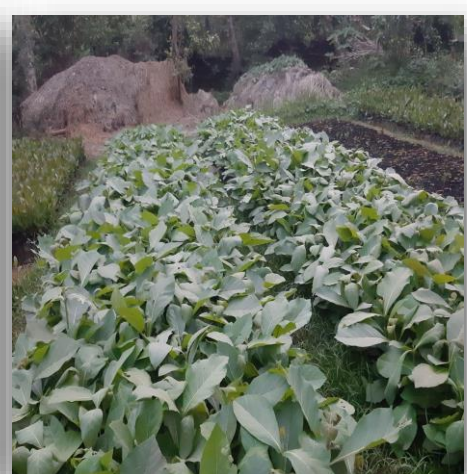
Out of the funds released by OMBADC to the A&FE dept in Sept 2021, the department released Rs. 86.80 Lakh to Keonjhar, Rs. 95.00 Lakh to Mayurbhanj, 93.6 lakh to Sundargarh and 75.6 Lakh to Jajpur. No activity has been implemented in Keonjhar and Sundargarh but in Mayurbhanj, the work shed has been completed, one solar bore well has been installed, Electrification work has been completed and one power weeder has been procured. Thus, the total expenditure incurred by Mayurbhanj has reached 10.03 Lakh. Therefore, Keonjhar and Sundargarh have to expedite the progress of works. Jajpur has also started the construction of boundary wall and one bore well was dug but underground water was not available in the earth crust. The boring had to be dropped. The total expenditure reported by Jajpur is Rs. 1.84 Lakh.



Nursery raised with support from Forest Range Officers, Hadagarh Wildlife Range, Keonjhar



Glimpse of 35000 seedlings raised for the purpose of distribution in Keonjhar



Project 9: Implementation of projects under Sericulture & Handloom sector for upliftment of Rural/Tribal farmers/Weavers

Background:

Sericulture in Odisha is a major source of livelihood for rural poor especially in the tribal dominated mineral bearing districts of Mayurbhanj, Keonjhar, Sundargarh, Jajpur, Dhenkanal, Koraput, Rayagada etc. Sericulture was introduced in the state in the early 1978. It is a highly labour intensive agro based livelihood activity that goes round the year providing remunerative income to the tribal farmers. About 90% of the farmers practicing sericulture belong to ST category, 6% SC and rest 4 % to other castes. It can generate employment for 11 persons for every kg of raw silk produced out of which more than 6 persons may be women.

However, at the level of producers, Tasar silkworm rearing is fraught with risks. The rearing of silkworms is carried out in the outdoors and subjected to weather vagaries, prone to the attacks of various pest and that inflict heavy mortality. The traditional rearers are constrained by lack of know-how and technology to face the above challenges.

Hence, there is need to develop Tasar industry with planned efforts which will open new avenues of income generation. With this construct in mind, the Handlooms, Textile and Handicrafts department, Govt. of Odisha through its Directorate submitted the proposal to OMBADC worth Rs. 82.29 Cr which was approved in the 20th Board meeting held on 22nd December 2020.

Major Project components:

A total of 11 Projects have been approved under the Directorate of Handloom Textiles. The details of the projects approved under OMBADC are as follows:

- Pupal Processing Unit
- R&D activities for extraction of Silk Sericin protein.
- Processing unit for production of “Demphi Silk & Spum Silk”.
- Infrastructure development of Handloom at Atta, Keonjhar.
- Centre (PPC) for production of Tasar Basic Seed.
- Establishment of Tasar Facility Centre (TFC).

- Assistance to Primary Co-operatives for procurement of Tasar cocoons from Farmers.
- Establishment of Central Tasar Nursery.
- Formation of new Farmers’ Cooperative & its infrastructure.
- Assistance for engagement of Community Mobilisers.
- Adoption of Prophylactic measures for crop yield (disinfectants@ Rs. 4000 per farmer).

Project coverage:

The project is proposed to be implemented in Keonjhar, Mayurbhanj, Sundargarh and Jajpur districts. The Pupal processing unit will be set up in Tasar Silk Park Bhagamunda, Keonjhar. infrastructure works are proposed in the handloom industry at Atta, Ghasipura, a total of 12 Pilot Project Centres (PPCs), 44 Primary Tasar Rearer Cooperative Societies (PTRCS) will be supported in the 04 districts and Tasar facility centers well be established in the 04 districts, new Farmers

Cooperative and Central Tasar Nursery will be established in Kusumu block, Mayurbhanj under the project.

Project Initiation:

The 1st instalment of funds amounting to Rs. 12.44 Cr was released 9th October 2021 by OMBADC against the 05 no. of DPRs submitted by the Department. This is considered as the project initiation date.

Progress in FY 2021-22

Though the project was approved in the FY 2020-21, but DPR could not be submitted by the department. Hence no progress was reported to OMBADC. However, in the FY 2021-22, the department submitted 5 no. of DPR and a requisition of Rs. 12.44 Crores for 5 projects. Activities like procurement, sorting, stifling and bagging of cocoons have been initiated in some PPCs.

Some Activities under Procurement assistance to Primary Tasar Rearers Cooperative Society for procurement of tasar cocoon from farmers



Sorting, Stifling, Sun Drying and Rat bagging of dried cocoons

Project 10: Livelihood generation opportunities through promotion of Handicrafts Sector

Background:

Odisha has a rich cultural heritage and tradition of handloom and handicrafts. The state has acquired fame for its handicraft products with around 50 different crafts being practiced in the state including Dhokra casting, stone carving, tribal jewellery, Terrakota, tribal jewellery, brass and bell metal ware, golden grass and cane works, applique works, Pattachitra, etc. Odisha has the highest number of artisans honoured with National Awards including Padma Awards in the country.

Despite the positive scenario in the handicrafts sector in the state, it has major weaknesses like lack of standard quality parameters which is one of the biggest concerns of the sector. Since the sector is mainly unorganized in nature, the individual production systems result in huge variance in quality of the same product which is unacceptable by established buyers nationally as well as globally. Secondly, the no. of Common Facility centers (CFCs) and design centers are inadequate, there is lack of product design and innovation and inadequate marketing and branding facilities. Hence, the Directorate of Handicrafts through the HT&H department had submitted a proposal amounting to Rs. 40.14 Cr out of which Rs. 35.14 Cr was approved by the Board of Directors in the 20th Board meeting held on 22nd December 2020.

Major Project components:

The major project components are establishment of Common facility centers (15 in no.), Training and skill development of artisans, establishment of market linkages and brand creation through 7 outlets in international airports, establishment of 04 Craft tourism Centers and establishment of PMU at state level.

Project coverage:

The project components will be implemented in the districts of Mayurbhanj, Keonjhar, Jharsuguda and Dhenkanal. CFC will be established in Khitching, Rangamatia, Orachandbilla in Mayurbhanj, Haldharpur in Keonjhar and 03 CFCs in Dhenkanal. Sales outlets will; be established in in the airports of New Delhi, Mumbai, Kolkata, Chennai, Bangalora, Hyderabad, Pune and Bhubaneswar. Similarly Craft Tourism Centers will be established in Khiching in Mayurbhanj and Haldharpur in Keonjhar.

Project Initiation:

Though the project was approved in the 20th Board meeting with a sanctioned cost of Rs. 35.14 Cr., no amount could be released to the Directorate as the correct DPR was not submitted to OMBADC in the current FY. It is expected that the DPR will be submitted at the beginning of the next financial year.

Project 11: Development of Mission Shakti Bhawan and Mission Shakti Bazar at Jajpur

Background:

Mission Shakti addresses various factors affecting the economic development of SHGs. There are approximately 3 lakh women under the membership of 25,000 SHGs in Jajpur Districts and department of Mission Shakti is looking after their all-possible development and growth in terms of their economic and social development. In this context, to address the intervention related to the SHGs and their development, Department has submitted following 2 proposals to OMBADC:

- a) Up-gradation of existing half-constructed building to the Mission Shakti Bhawan at Jajpur district
- b) Proposal for Mission Shakti Village at Jajpur District

Major Project components:

1. Mission Shakti Bhawan:

- a) Setting up of Mission Shakti Bhawan cum training & Skilling centre for capacity building and skill development of SHGs of Jajpur district
- b) Product Display cum selling centre for SHG product display and selling

2. Mission Shakti Village:

- a) Craft Shop for SHGs product of Jajpur district
- b) Exhibition Space for the exhibition of the SHG products & promote the craft of Jajpur
- c) Display centre for promotion and marketing of indigenous craft product of the district
- d) Facilities for the tourist to stay and observe the unique culture of the district

Project Coverage:

The project will cover the SHGs of Jajpur district and provide them with necessary trainings to finetune their products. Additional exhibition space will also be provided to them to showcase their products and sell them to the tourists. This will enhance their livelihood opportunities as well as enhance their earnings.

Progress in 2021-22:

The project has been initiated in Feb 2022 and presently, the infra part is being undertaken by National Project Construction Corporation, an undertaking of Govt. of India. The major infra works taken through OMBADC funding are False ceiling, Installation of floor tiles, painting work, Installation of doors and windows, Renovation of multipurpose hall and stage, office, go down, toilet, sitting area, creche, dormitory and lobby area.





Rural Connectivity





Project: Construction of all-weather connectivity roads and bridges

Background:

Rural Road Connectivity is a key component of rural development by promoting access to economic and social services and thereby generating increased agricultural incomes and productive employment opportunities. Thus, it is also a vital ingredient in ensuring poverty reduction. The Govt. of Odisha is continuously investing in rural connectivity programmes which include electricity, roads, drinking water etc. funded under Biju KBK Plan, Gopabandhu Gramin Yojana and Biju Kandhmal O Gajpati Yojana. The reason for giving prominence to rural road construction is that it is directly related to the socio-economic development of the areas, considering health, education, employment, income and other variables. Rural roads lead to labour mobility and greater employment opportunities, better access to schools by children thereby increasing the literacy rate, more opportunities for new business etc.

Roads in the mining periphery areas suffer damage from frequent movement of the heavy vehicles plying on them. Though the Government has already constructed several roads for these areas but these roads have been damaged and the connectivity to villages has been distorted. In addition, a mud road inside the village is one of the major reasons for different types of diseases and inconvenience during rainy season for both people and cattle.

In view of the above, OMBADC has approved proposal submitted by the Rural Development Department amounting to Rs. 525.44 Cr. for connecting the unconnected habitations.

Major Project Components:

- Construction of metal roads from the village to the nearby main road
- Provision of Cross drainage
- Provision of Guard wall
- Concrete Bridges

Project Coverage:

In total, 198 projects were approved under this sector, out of which DPRs for 157 projects valued at Rs 272.59 Cr. are submitted by Rural Development Department. These projects are being implemented in the districts of Keonjhar, Mayurbhanj, Sundargarh and Jajpur. 02 divisions are being covered in Keonjhar namely- RW Anandpur and RW Keonjhar II, in Mayurbhanj areas under RW Karanjia and RW Rairangpur, in Sundargarh the divisions are- RW Sundargarh I and RW Rourkela and in Jajpur one division – RW Jajpur is being covered.

Project Initiation:

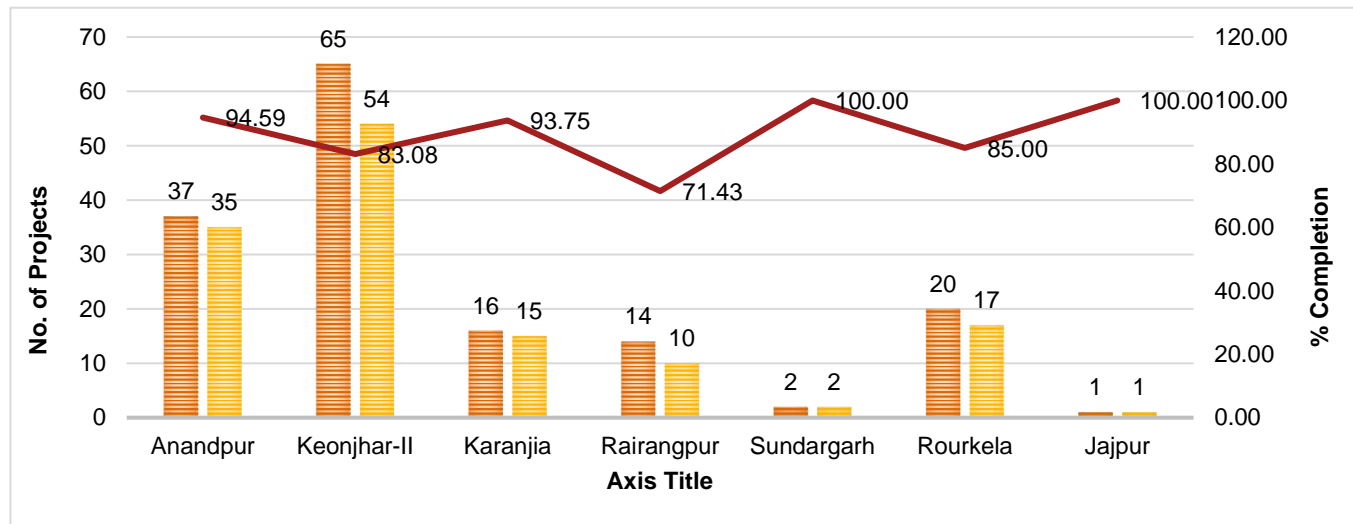
The project was approved in the 14th Board of Directors meeting held on 5th April 2014 and the 1st instalment of funds was released 28th March 2019 to all the concerned divisions which is the project initiation date for the project.

Project progress in FY 2020-21 & 2021-22

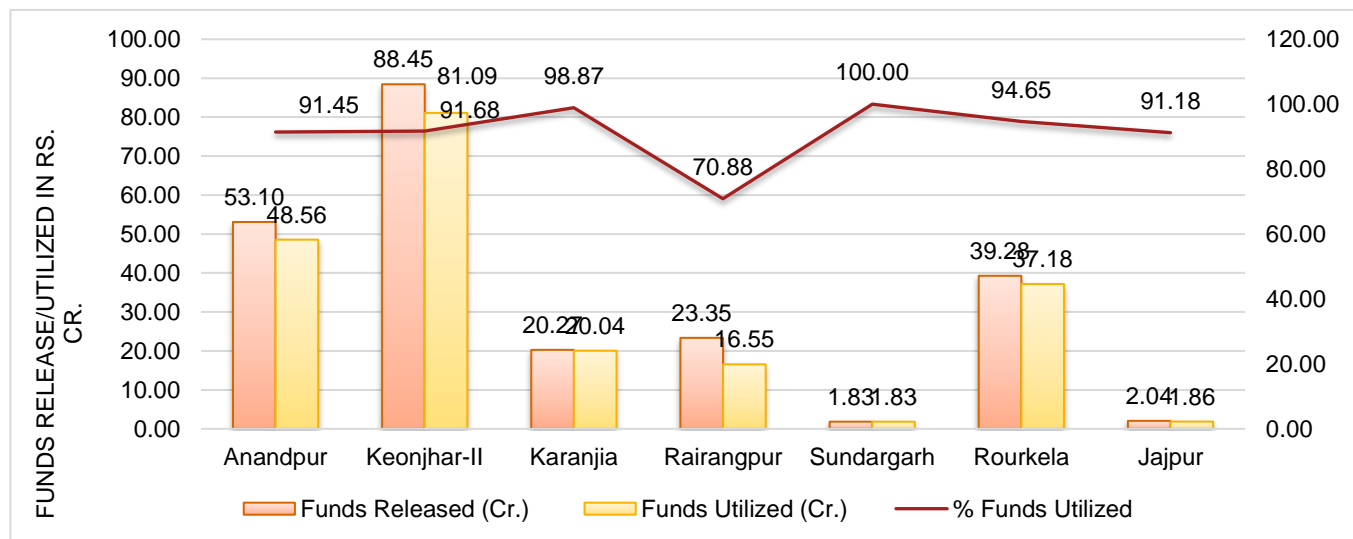
By the end of FY-2020-21, 33 Projects are completed and expenditure of Rs. 118.68 Cr. is reported against total released amount of Rs.178.32 Cr. By the end of FY 2021-22, 134 projects have been completed. The total funds released to the divisions was Rs. 228.31 Cr out of which the expenditure is Rs. 207.10 Cr. The division-wise progress is given below:

Progress of Works: (PIA wise detail is placed at annexure -1)

PIA wise physical progress in works till March 2022



PIA wise financial progress in works till March 2022



Way Forward:

In the current FY, 85% of the projects have been completed and it is expected that by the end of FY-2022-23, total projects shall be completed. Major progress is observed in the CC and BT structures in all the divisions compared to the last financial year. Further considering the need of Connectivity in Rural Areas, Rural Development department has proposed for taking up of additional 107 Roads

and 11 Bridges of total value of Rs. 217.11 Cr. in Kutra, Rajgangpur & Hemgir blocks of Sundargarh district to connect the unconnected habitations and the DPR for the same is awaited.

Glimpses of Rural Roads & Bridges under progress:





Environment Protection and Pollution Control





Project: Supply, Installation & Commissioning of CAAQMS

Background:

Pollution in general, increases with increasing traffic, industrialization, higher levels of energy consumption and many other factors. In the mining belts, pollution is mainly due to drilling, blasting, ore loading, crushing and screening, ore transportation, overburden management, run-off etc. thereby degrading the air & water quality of nearby habitations.

Thereby, in order to keep a continuous watch on emissions and profiles of various pollutants in mining areas and recognizing the need to monitor real time and peak concentration levels of critical pollutants, a proposal entitled "Installation of Continuous Ambient Air Quality Monitoring Stations (CAAQMS) & Continuous River Water Quality Monitoring Stations (CRWQMS)" proposed by Odisha State Pollution Control Board was approved by OMBADC Board of Directors in the 14th Board meeting held on 5th April 2019 with a sanctioned cost of Rs. 21.65 Cr.

Major Project components:

- Installation of Continuous Ambient Air Quality Monitoring Stations (CAAQMS)
- Installation of Continuous River Water Quality Monitoring Stations (CRWQMS)
- Statistical interpretation of the compiled data and its dissemination in terms of Air Quality Index (AQI)
- Development of management strategies based on the data interpretation to curb pollution in the mining areas.

The component of CRWQMS was dropped by the OSPCB at a later stage due to some technical problems.

Project Coverage:

It was decided to install 09 no. of CAAQMS in the mining districts of Keonjhar, Sundargarh and Mayurbhanj. The areas identified for installation of the monitoring stations are at Forest range Office, Nalda Keonjhar, Office Premises of SPCB Rourkela at Panposh , Barsuan Iron Ore Mines, SAIL, Tensa, Sundargarh, Office premises of District Agriculture Officer, Keonjhar, Colony campus of Tata Steel Long Product, Bileipada, Keonjhar, Colony premises of Gandhamardan Iron Mines of OMC, Suakati, Keonjhar, Plant premises of Iron Ore Beneficiation Plant of Arcelor Mittal at Dubuna, Nayagarh, Keonjhar, Municipality Office, Baripada, Mayurbhanj and Office premises of DFO Rairangpur, Mayurbhanj.

Project Initiation:

The 1st instalment of funds amounting to Rs. 1.48 Cr was released to OSPCB by OMBADC on 18th March 2019 which is considered as the project initiation date for the project.

Progress of Project in FY 20-21:

By the end of FY 20-21, orders were placed with the vendor for placement of CAAQMS at 8 locations, site selection process was completed for 8 locations, foundation work was completed for 06 locations and work was in progress for Baripada town, import of materials from abroad was completed and work for electric connections at project site were initiated.

Progress of Project in FY 2021-22:

By the end of FY: 2022-23, an amount of Rs. 12.43 Cr. was released and an expenditure of Rs.7.87 Cr. is reported. Progress of Projects in comparison to the last FY 2020 – 21 is given below:

Progress of Works:

It is observed that considerable progress has been made in the current FY and 08 locations have become functional. The only location where the installation of CAAQMS is pending is at Nalda which is expected to be commissioned shortly.

Sl No.	Activity	Progress till 31.03.2021	Cumulative Progress (As on 31.03.2022)
1	Order Placement	<p>Order has been placed with the vendor M/s Environment SA India (P) Ltd. Navi Mumbai in respect of installation of 8 CAAQMS.</p> <p>Tender for installation of CAAQMS at Nalda Keonjhar is yet to be issued.</p>	<ul style="list-style-type: none"> • Eight CAAQMS installed by the vendor M/s Environment SA India (P) Ltd. Navi Mumbai and they are all operational. • Tender for installation of CAAQMS at Nalda Keonjhar is finalised and the equipment is under installation.
2	Selection and hand over of sites	<p>Site selections completed for following 08 locations</p> <ul style="list-style-type: none"> - Rourkela Within Office Premises of SPCB Rourkela at Panposh - Tensa Within Barsuan Iron Ore Mines, SAIL, Tensa, Sundargarh - Keonjhar town Within Office premises of District Agriculture Officer, Keonjhar - Bileipada Ore Transportation Road- Within colony campus of Tata Steel Long Product, Bileipada, Keonjhar - Suakati of Banspal Within colony premises of Gandhamardan Iron Mines of OMC, Keonjhar - Nayagarh 	<p>Site selections completed for all the 09 locations</p> <ul style="list-style-type: none"> ➤ No change in sites for placement of the CAAQMS in the FY 2021-22. ➤ The last site finalised for the 9th CAAQMS is the Forest Range office, Nalda

Sl No.	Activity	Progress till 31.03.2021	Cumulative Progress (As on 31.03.2022)
		<p>Within the plant premises of Iron Ore Beneficiation Plant of Arcelor Mittal at Dubuna, Nayagarh, Dist-Keonjhar</p> <ul style="list-style-type: none"> - Baripada Town Within Municipality Office, Baripada. Dist- Mayurbhanj - Rairangpur Within Office premises of DFO Rairangpur, Dist- Mayurbhanj - All the eight sites have been handed over to the vendor 	
3	Completion of foundation	<p>Foundation job completed for 06 Locations at Rourkela, Tensa, Keonjhar town, Bileipada , Suakati and Rairangpur</p> <p>Foundation work is under progress at Baripada Town</p>	<ul style="list-style-type: none"> • Foundation job completed for 08 Locations and equipment installed • Foundation work in Nalda is under progress.
4	Receipt of Indigenous material (Containers) at sites	<p>Indigenous materials have been received at above 06 locations and have been verified by the Respective Regional Officers.</p>	<ul style="list-style-type: none"> • Installation completed in 8 locations and equipment received for Nalda station.
5	Receipt of Foreign Consignment	<p>The Analysers and other materials of foreign origin has been received and kept at Office of SPC Board, Bhubaneswar for onward despatch to the sites.</p>	<ul style="list-style-type: none"> • The Analysers and other materials of foreign origin has been received for all stations.
6	Electricity Connection.	<ul style="list-style-type: none"> • It has been reported by the Vendor that, 03 Phase Electric Supply is available at following locations <ul style="list-style-type: none"> - Tensa - Bileipada - Suakati • Respective Regional Officers has been requested to facilitate for electrical connections at <ul style="list-style-type: none"> - Rourkela - Rairangpur - Baripada Town - Keonjhar Town 	<ul style="list-style-type: none"> ➤ CAAQMS operational in 8 locations with electricity connection. ➤ Application for Nalda station will be made shortly.

Way Forward:

In respect to the CRWQMS, department has dropped the proposal as similar stations located at other places are not showing effective results. Further, they are looking for effective alternative methods to monitor river water quality.

Glimpses of Projects:



Functional CAAQMS at project site in Mayurbhanj



Data display at Central Station of Air Quality Management Cell at SPCB, Bhubaneswar



Water Conservation, Ground Water Recharge & SMC





Project 1: Integrated Watershed Management Program & Water Harvesting structures

Background:

Watershed development is a participatory process of guiding and organizing land use and use of other resources in a watershed for sustainable provision of desired goods and services of the people without adversely affecting the natural resources. 02 no. of proposals have been approved by the OMBADC Board of Directors- 1st proposal was approved in the 14th BOD for 02 districts Sundargarh and Keonjhar amounting to Rs. 10.13 Cr and the 2nd proposal was approved in the 16th BoD for 04 districts- Sundargarh, Mayurbhanj, Keonjhar and Jajpur amounting to Rs. 110.72 Cr. Approved duration of the 1st project was 1 year and for the 2nd project, watershed activity has been approved for 5 years and 1 year for the new farm ponds. Both the projects are being implemented by the Agriculture & Farmers Empowerment Department. The project has been designed to directly benefit the Tribal population with the basic objectives which are as follows:

- Restoring ecological balance by harnessing, conserving and developing natural resources such as, Soil, Vegetative cover and Water.
- Enable multi-cropping and the introduction of diverse agro-based activities in order to provide sustainable livelihoods to the people residing in the watershed areas.

Major Project Components:

1. New Farm Pond/ Water Harvesting Structures:	
<ul style="list-style-type: none"> • Creation of New Farm Pond 	Create irrigation potential to bring additional areas under agriculture production.
2. Watershed Development Programme:	
<ul style="list-style-type: none"> • Capacity Building training will be imparted for the watershed dwellers, committee members, various groups, PRI members, village youth etc. to enhance their skill and knowledge in executing watershed activities. • Income generation programmes for groups and individuals based on poverty parameters. • Production enhancement systems through alternate land use such as plantation on waste land, dryad horticulture, cash crop introduction etc. • Micro-enterprise promotion through individual/ group business activities, interference with marketers, forward and backward linkages etc. • Natural Resource Management activities for increase of soil moisture regime, production enhancement, enhance cropping intensity & crop diversity. The activities proposed are Field bounding, WHS, renovation, percolation tank, earthen structure etc. 	

The project is being implemented in 03 phases:

- Phase 1 consists of Entry point activities, DPR preparation and Institution and capacity building of project participants.

- Phase II is the Implementation phase which consists of activities like natural Resource Management, Livelihood Promotion, Strengthening of production system and setting up micro enterprises etc.
- Phase III of the project is the consolidation phase where strategy is prepared for the handing over of all activities to the project participants.

Project coverage:

The project approved in the 14th BoD is being implemented in Sundargarh and Keonjhar districts where 1093 hectares and 4340 hectares are being covered under watershed activities in the Hemgir and Rajgungpur blocks respectively. Similarly, under WHS, 155 hectares and 54 hectares are being covered under Joda and Harichandanpur blocks respectively.

The project approved in the 16th BOD is being implemented in Sundargarh, Keonjhar, Mayurbhanj and Jajpur districts. A total of 20000 odd hectares of land will benefit out of the proposed Watershed activities. The breakup of the coverage under the 2nd phase of the proposal is as follows:

District	Block Covered	Types of Project/ Component	Area in Ha. Covered	Project Period
Sundargarh	07	Water Harvesting Structures	60	1 Yr.
	01	Watershed Projects (Bonai)	5208.60	5 Yrs.
	01	Watershed Projects (Koida)	5300.0	
	01	Watershed Projects (Bisra)	4700.0	
Total				
Mayurbhanj	23	Water Harvesting Structures	893	1 Yr.
	01	Watershed Projects (Kusumi)	3393.64	5 Yrs.
	02	Watershed Project		5 Yrs.
Total				
Keonjhar	08	Water Harvesting Structures	247.0	1 Yr.
Total				
Jajpur	02	New Farm Pond (20 no)		1Yr.
	02	Watershed Project	204	5 Yrs.
Total				
Grand Total			20006.24	

Project initiation:

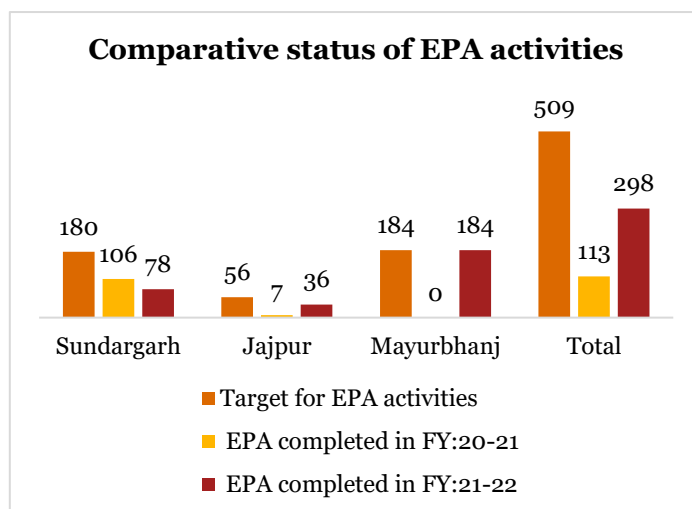
The 1st phase of the project was approved in the 14th BoD of OMBADC and 1st instalment of funds amounting to Rs. 3.04 Cr was released on 15th Nov 2019 which is the project initiation date for the project. Similarly, for the 2nd phase of the project, which was approved in the 16th BoD, an amount of Rs. 0.434 Cr was released to the A&FE dept on 28th March 2020.

Physical and Financial status of the Project in FY 2021-22:

Physical progress:

Major activities like Entry point activities at the community level, training and capacity building activities of the beneficiaries and watershed cluster development activities etc. are being implemented by the PIAs at the field level. The figures presented by the department reflects the comparative progress of the projects in FY 2020-21 and 2021-22:

Name of the District	EPA activities to be undertaken	EPA completed in FY:20-21	EPA completed in FY:21-22
Sundargarh	180	106	78
Jajpur	56	07	36
Mayurbhanj	184	00	184
Total	509	113	298



It is observed from the achievement figures of EPA that by FY 2021-22, Sundargarh district and Mayurbhanj have achieved their target but Jajpur has achieved only 79%. The overall achievement comes to 81% within a period of approximately three years.

The consolidated achievement of the 3 districts- Mayurbhanj, Sundargarh & Jajpur in other activities under Watershed component by the FY 2021-22 is as follows:

Activities	Overall Target	Achievement	% Achievement
Institution & Capacity Building	948	267	28
Detailed Project Report preparation	66	12	18
Natural Resource Mgt.	861	66	8
Livelihood activities for the assetless poor	3231	69	2
Production system & Micro Enterprises	6705	215	3

The above tables indicate that besides the Entry point activities which had reached only 22% against the target in the FY 2020-21, has cumulatively crossed 81% of the target by the FY 2021-22 which can be termed as a satisfactory achievement, but the achievement percentage in rest of the activities is less and needs to be accelerated by the PIAs.

Financial Progress:

Sl. No.	Activities	Unit	Cost (INR Cr.)	Progress During FY: 2019-20		Progress During FY: 2020-21		Progress During FY: 2021-22	
				Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
1	Watershed Cluster	9 Cluster	48.84	2	0.07	6	0.95	7	6.38
2	Individual Water Harvesting structure	1196	72.01	9	0.22	140	8.06	1046	14.38
Total			120.85	11	0.29	146	9.01	1053	15.1

Regarding financial progress, by the end of FY 2021-22, the department has utilised 13% of the sanctioned budget for Watershed clusters and initiated work in 07 out of 09 Watershed Clusters. Similarly, for Individual WHS, the financial achievement is 20 % whereas the physical work has been initiated in 87% of the WHS from the date of initiation of the project. Thus, the overall utilization by the department is 12%.

Snapshots of the project:



Project 2: Water Conservation through Soil Moisture Conservation Activities

Background:

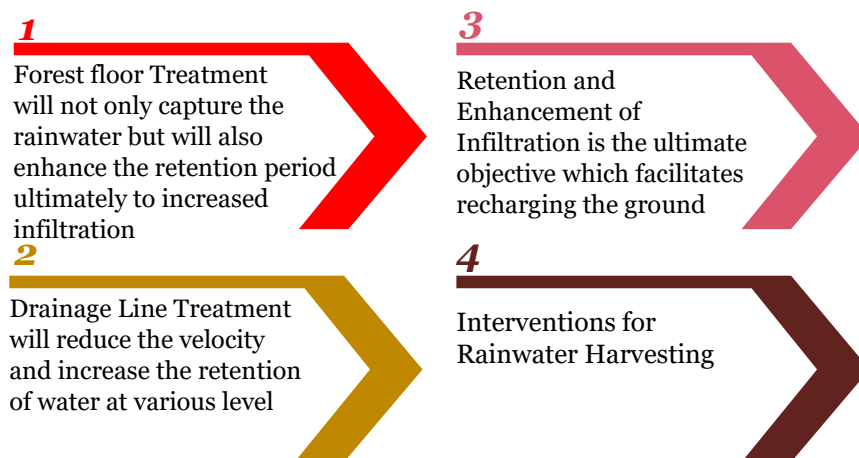
The diversion of forest land for industrial development and other development purposes has adversely affected the quality of soil, quality of air, and water in the mining affected districts of Odisha. To recharge ground water and improve agricultural productivity and soil restoration in the mining affected districts, OMBADC is supporting Department of Forest Environment and Climate Change in the implementation of Soil and Moisture conservation measures.

Project Initiation:

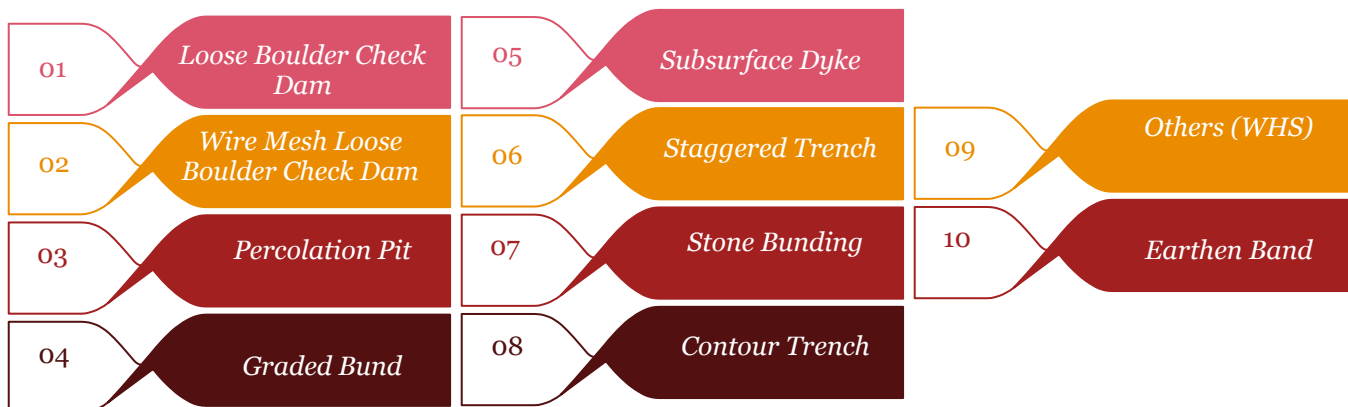
The project was approved in the 14th Board of Director meeting held on 05th April 2019 with an approved budget of Rs. 348.89 Crores. The key objectives of the project are depicted in the adjacent exhibit

Project Components:

The project consists of 04 major components such as forest floor treatment, drainage line treatment, recharging of underground ground water and rainwater harvesting.



The components are implemented through the following activities:



Project Coverage:

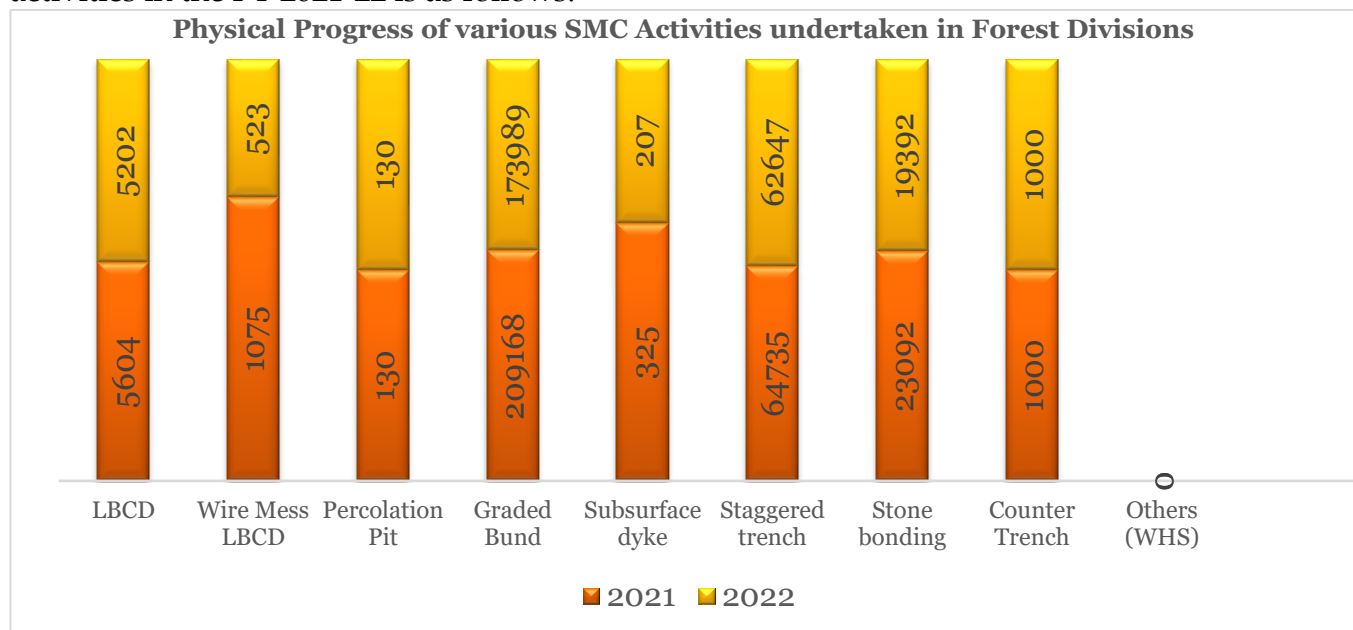
The project is being implemented in 11 forest divisions falling under 7 mining districts. The divisions in Sundargarh are Rourkela, Bonai and Sundargarh. In Mayurbhanj the divisions are Baripada, Karanja and Rairangpur whereas in Keonjhar the Keonjhar and Keonjhar (WL) divisions are covered. In the other four districts the divisions covered are - Jharsuguda, Deogarh and Cuttack.

Physical and Financial Progress of Project:

The cumulative physical and financial progress in FY 2022 in various forest divisions is given below:

Cumulative Physical and Financial Achievement in Forest Divisions under SMC Project				
SI No.	Item of Works	(In Nos./Rmt.)	Amount Released (Rs. Cr.)	Financial Expenditure (Rs. Cr.)
1	LBCD	5604 Nos.	Rs. 81.95	Rs. 46.54
2	Wire Mess LBCD	1075 Nos.		
3	Percolation Pit	130 Nos.		
4	Graded Bund	209168 Rmt.		
5	Subsurface dyke	325 Nos.		
6	Staggered trench	64735 Nos.		
7	Stone bonding	23092 Rmt.		
8	Counter Trench	1000 Rmt.		
9	Others (WHS)	9 Nos.		

A comparison in the achievement figures of the FY 2021-22 with that of FY 2020-21, it is observed that there is considerable progress in construction of wire mesh LBCD which is 105% of the previous year. Next best progress is seen in subsurface dyke which stands at 57%. Progress in graded bund and stone bonding is 20% and 19% respectively whereas it is only 8% in case of LBCD. No change is observed in digging of percolation pit and contour trench. The physical achievement of SMC activities in the FY 2021-22 is as follows:



Physical and Financial Achievement under SMC Project out of Compensation Money upto 31.03.2022

SI No	Name of the Division	Physical		Financial		
		Area to be treated in Ha.	Physical Achievement (Ha)	Sanctioned Amount (Rs. In Cr.)	Amount Released (Rs. In Cr.)	Amount Utilized as on 31.03.2022 (Rs. In Cr.)
1	Keonjhar	10200.00	2040.00	33.9	7.54	4.40
2	Keonjhar WL	25799.00	5960.00	94.88	21.61	12.37
3	Rairangpur	6359.00	1260.00	20.98	5.02	1.01
4	Karanjia	6276.00	1256.00	20.73	4.28	2.92
5	Sundargarh	12360.00	2472.00	40.94	7.62	3.70
6	Rourkela	8373.00	1279.00	21.26	5.24	5.21
7	Bonai	22973.00	4190.00	69.4	12.91	5.92
8	Cuttack	13002.00	5000.00	42.97	12.58	9.28
9	Jharsuguda	546.97	546.97	0.95	0.95	0.05
10	Deogarh	1521.25	70.00	1.54	1.54	0.55
11	Baripada	210.15	112.92	1.34	1.34	0.72
	Total	107620.37	24186.89	348.89	80.63	46.13

The above figures in the table indicate that most of the divisions have crossed 50% mark in expenditure against the amount received in which Rourkela has performed the best with 99% expenditure followed by Cuttack and Karanjia who have achieved 74% and 68% respectively. Three divisions like , Keonjhar, Keonjhar (WL) and Baripada have crossed the 50% mark whereas other divisions have achieved expenditure below 50% like Rairangpur (20%), Deogarh (36%) and Rairangpur (20%). These divisions need to improve upon their performance.

Glimpses of the project



Checkdam at Satkosia , Mayurbhanj



Lbcd at Banki Range, Sundargarh

Project 3: Creation of Green Belt in Mining Affected Districts

Background:

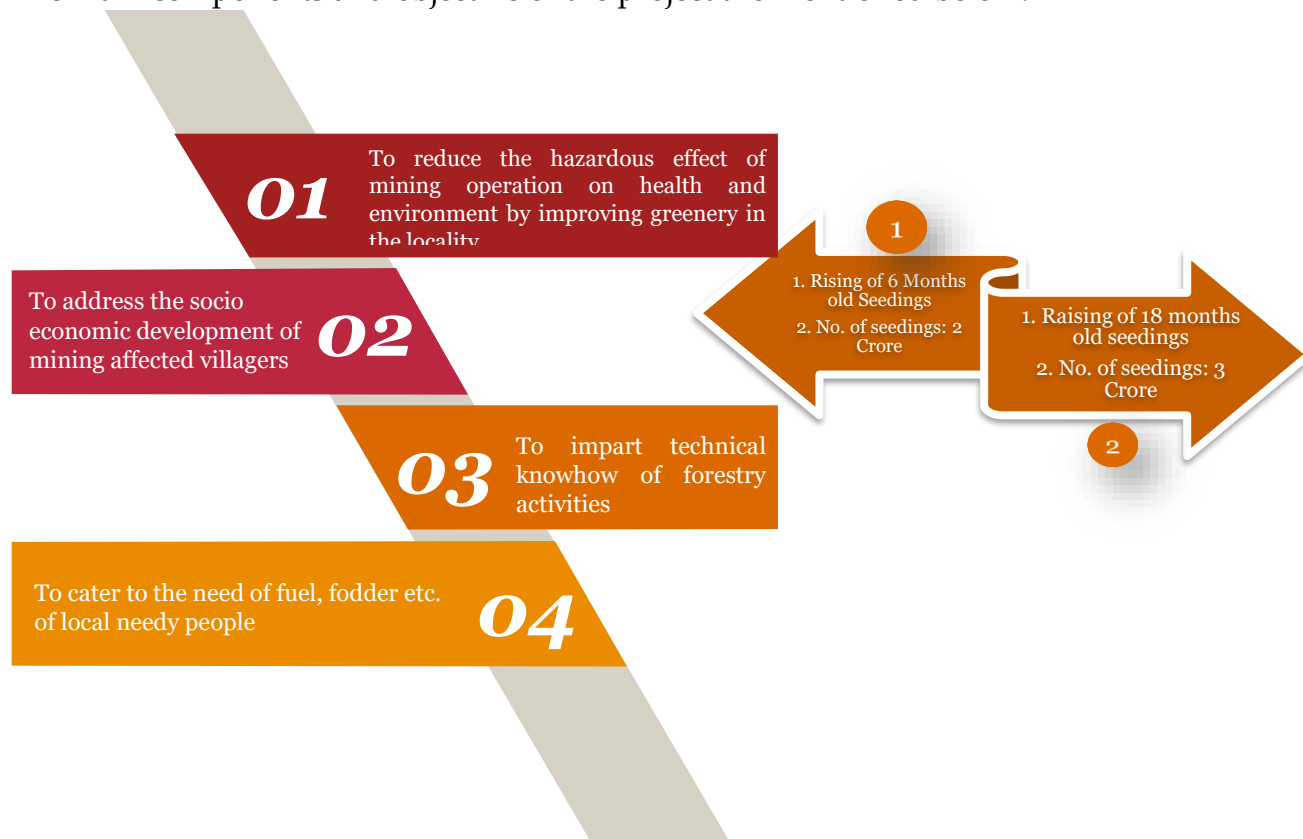
Creation of Green Belt in Mining Affected District aims to mitigate the negative impact of mining on environment by enhancing green cover through massive tree planting program. The key feature of the project is Raising of 6 months old seedlings for distribution and raising of 18 months seedlings for plantation. The 6 months old seedlings will be distributed to institutions and community for plantation in the village common land, fallow lands etc. who will be incentivized in the subsequent 3 years as per the survival rate of the saplings. Similarly, another 3 Crore of 18th months old seedling shall be raised in the mining affected districts by the forest divisions which shall be planted in the divisions under different plantation schemes of the State.

Project Initiation:

The project was approved in the 16th Board of Director meeting held on 27th December, 2019 with an approved budget of Rs. 200 Crores. Initiation date of the project is 1st May 2020 as the 1st instalment of funds amounting to Rs. 9.70 Cr was released on that day to the PCCF cum HOFF Odisha.

Project Components:

The main components and objective of the project are mentioned below:



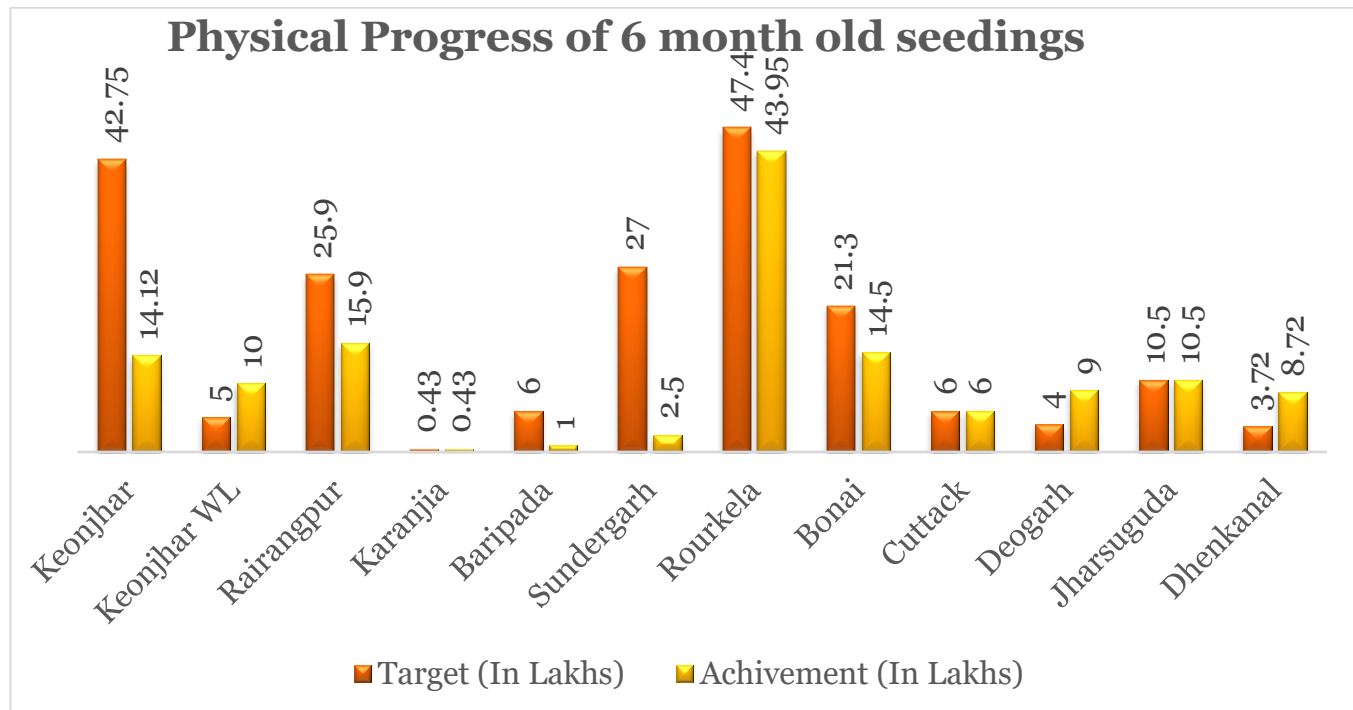
Some of the indigenous species raised are Neem, Amla, Karanj, Patuli, Sunari, Bamboo, Sal, Harida, Bahuda, Tentuli, Pijuli, Arjun, Pahadi, Palash etc.

Project Coverage:

The project is being implemented in the following 12 forest divisions in Odisha and have been allotted the following targets for rearing 6 months and 18 months old saplings:

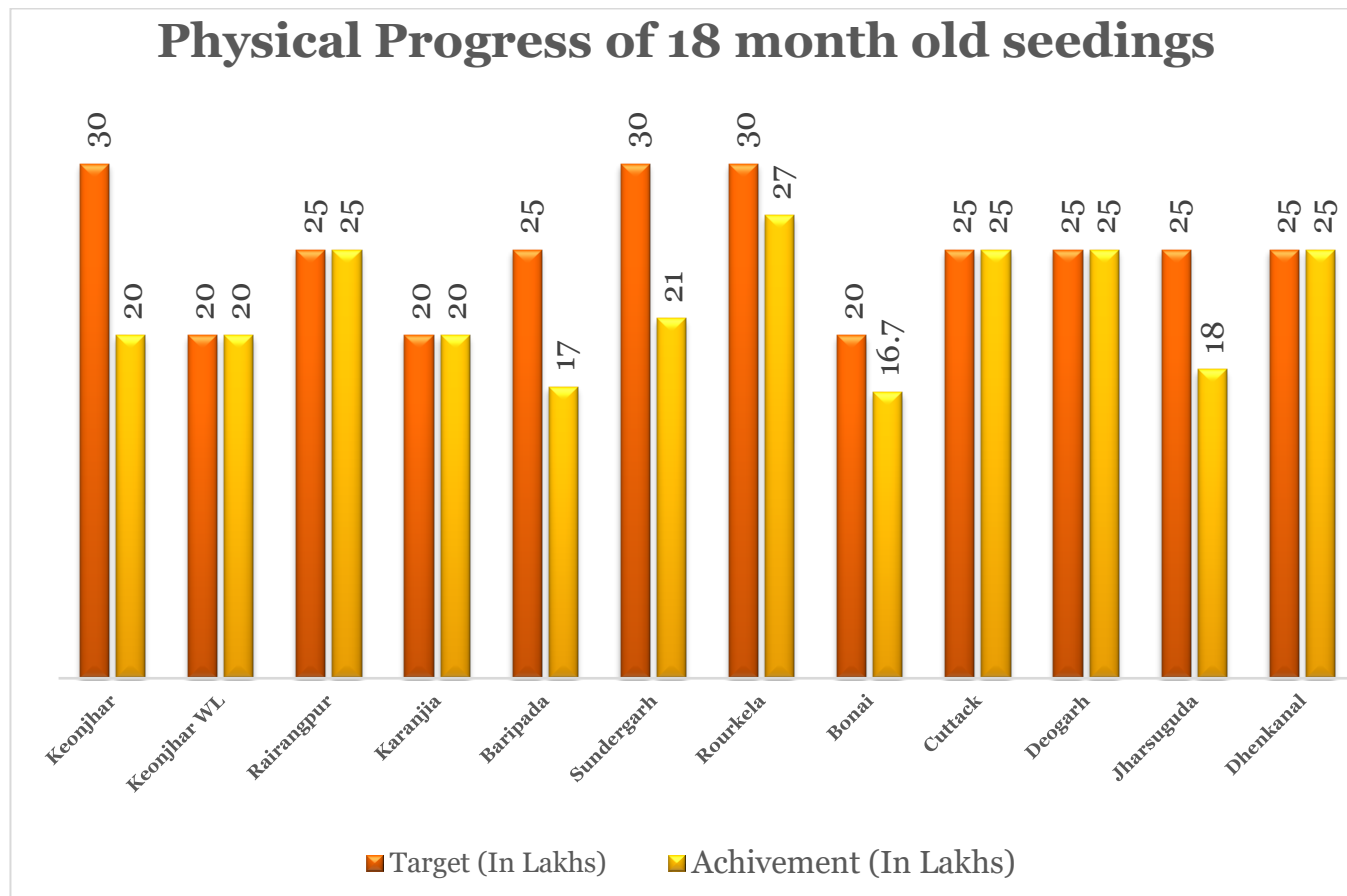
Sl. No.	District	Division	Target (in lakh)	
			6 months	18 months
1.	Sundargarh	Rourkela	47.4	30.0
		Bonai	21.3	20.0
		Sundargarh	27.0	30.0
2.	Jharsuguda	Jharsuguda	10.5	25.0
3.	Deogarh	Deogarh	4.0	25.0
4.	Mayurbhanj	Baripada	6.0	25.0
		Karanja	0.43	20.0
		Rairangpur	25.9	25.0
5.	Keonjhar	Keonjhar	42.75	30.0
		Keonjhar (WL)	5.0	20.0
6.	Jajpur	Cuttack	6.0	25.0
7.	Dhenkanal	Dhenkanal	3.72	25.0

Physical Progress:



Financial Progress:

Physical Progress of 18 month old seedlings



In FY 2021-22, the 12 forest divisions have cumulatively raised 136.72 lakh (68.36%) 6 months old saplings against the target of 2 crore saplings. Similarly, the combined achievement of all the divisions for raising of 18 months old saplings is 259.7 lakhs (86.56%) against the target of 3 crore saplings. The cumulative expenditure incurred by the 12 divisions stood at Rs. 99.27 Cr.

Keonjhar WL, Deogarh and Dhenkanal forest divisions have exceeded their targets whereas Cuttack, Jharsuguda and Karanjia have achieved 100% of their allocated target of raising the 6 months old seedlings. Regarding other divisions, Rourkela has achieved the highest i.e. 93% of its target whereas Sundergarh is the lowest with only 9% achievement against the target.

Regarding the production of 18 months old saplings, divisions like Keonjhar WL, Rairangpur, Karanjia, Cuttack, Deogarh and Dhenkanal forest divisions have achieved 100% of their allocated target of raising the 18 months old seedlings whereas other divisions like Sundergarh, Rourkela, Bonai and Jharsuguda have achieved more than 70% of the allocated target.

Glimpses of the project



6 months saplings, Goudapada Nursery,
Sole Range, Sundargarh Dist



18 months saplings, Pipilakani Nursery,
Sole Range, Sundargarh Dist



18 months saplings, Godhimara Nursery,
Mayurbhanj Dist



Neem saplings, Ghodaghaguri VSS,
Mayurbhanj Dist

Project 4: Waterbodies in the 04 ULBs of Keonjhar, Mayurbhanj & Sundargarh districts.

Introduction:

Water reclamation and reuse is an important aspect, particularly in the areas where there are concerns about sustainable water supply. Reclaimed water bodies can be used to replenish surface or groundwater sources. These activities can serve to improve the sustainability of aquatic ecosystems. Therefore, the Housing and Urban Development Dept. of Odisha has set up Odisha Urban Infrastructure Development Fund (OUIDF) to facilitate and execute water-bodies projects across various ULBs in the State. Accordingly, the proposal for reclamation of select water bodies in the mining districts was proposed by OUIDF through OMBADC funding.

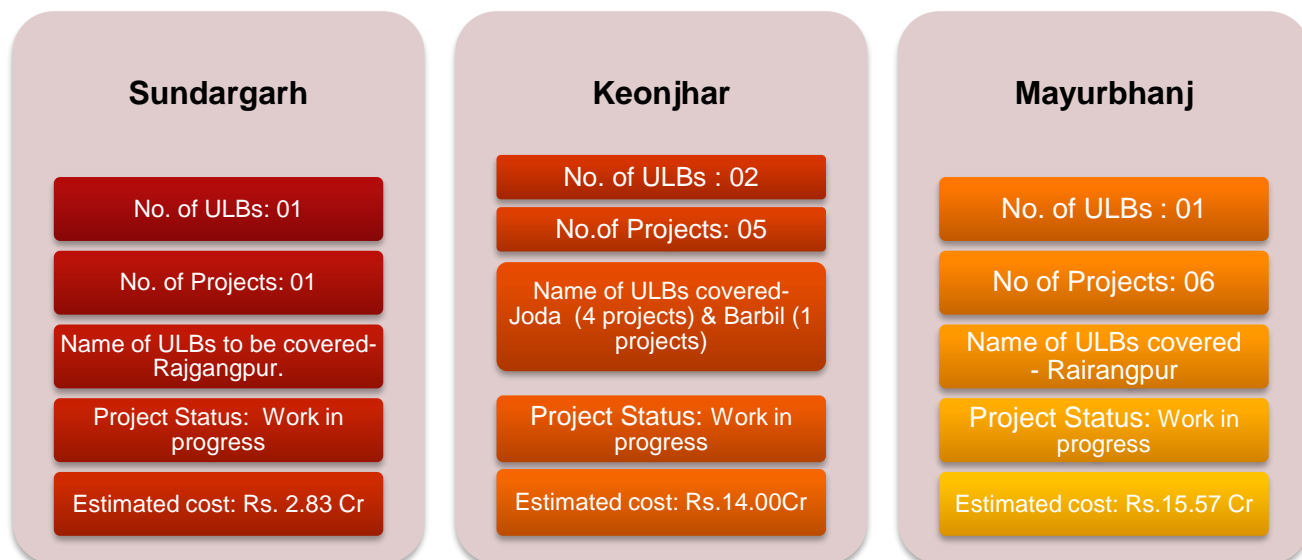
Major Project Components:

Since the basic objective of the project is to rejuvenate the existing water bodies and develop it as a place for recreation for the residents of the ULBs and recharge the underground water level, the following components have been proposed:

- Construction of ghats
- Public toilets
- Pathways
- Stone packing around the water bodies
- Installation of dustbins to protect the water bodies from garbage
- De-silting of water bodies.

Project Coverage

The approved amount of Reclamation of water body projects is Rs.31.40Cr under OMBADC funding for 12 nos projects across ULBs of Keonjhar, Sundargarh & Mayurbhanj district. The details of coverage of projects are mentioned below:



Project Initiation:

The project was approved in the 14th Board of Directors meeting held on 5th April 2019 with a sanctioned cost of Rs. 31.40 Cr. the 1st instalment of funds amounting to Rs. 2.13 Cr was released on 18th March 2019 to the Executive officers of Joda and Rairangpur Minicipalities which is treated as the project initiation date.

Progress of Projects in the FY 2020-21:

By the end of FY 2020-21, tendering works for all the 12 projects was completed and was awarded to the contractors. The cumulative expenditure incurred by the Municipalities of the 04 Urban Local Bodies by end of March 2021 had reached Rs. 5.26 Cr. Maximum expenditure was incurred by the Rairangpur municipality (Rs. 5.03 Cr) followed by Rajgangpur (Rs. 0.13 Cr) and Barbil (Rs. 0.10 Cr).

Status of achievement in the FY 2021-22:

A comparative analysis of achievement in the waterbodies project compared to the last FY is reflected below:

Sl. No	Name of the District	Name of ULBs	No. of water bodies	Progress up to FY:2020-21	Progress up to FY:2021-22
1	Mayurbhanj	Rairangpur	6	work in progress	Work nearing Completion
2	Sundargarh	Rajgangpur	1	Work in Progress	Work in progress
3	Keonjhar	Joda	4	Work in Progress	Work in progress
		Barbil	1	Work in Progress	Work nearing Completion
Total			12		

Physical Progress up to March '22

ULB	Achievement in %	Target in %
Barbil ULB, Keonjhar	70	100
Joda ULB, keonjhar	30	100
Rajgangpur ULB, Sundargarh	30	100
Rairangpur ULB, Mayurbhanj	65	100

In the FY 2021-22, the following components have been completed in most of the ULBs:

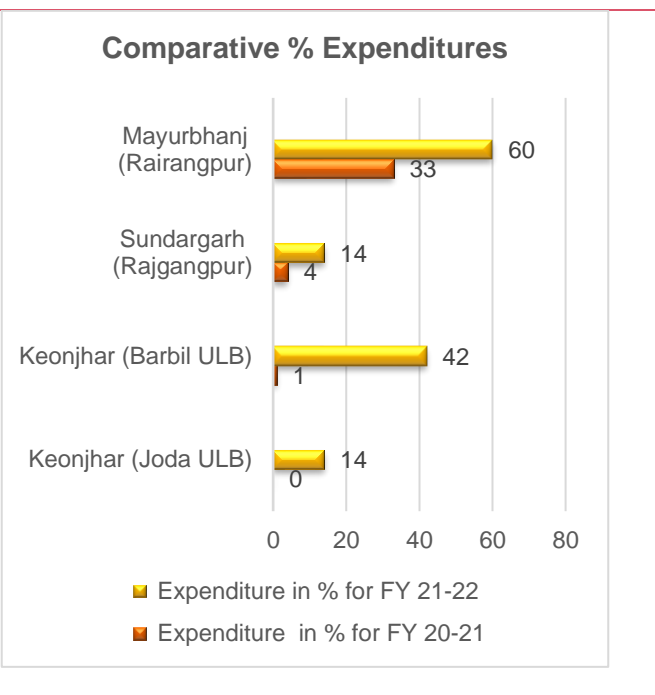
- Earth work completed in 4 projects
- Guard wall completed in 3 projects. 03 projects nearing completion.
- Bathing ghat completed in 02 projects.
- Toilet nearing completion in 3 projects.

- Gazebo completed in 02 projects and nearing completion in 3 projects.
- Inlet & outlet completed in 04 projects and nearing completion in 01 project.
- Electrification not started in all projects.

Activities that have not been initiated are earth work, pathway and inlet / outlet in 05 projects, Toilet and Gazebo in 04 projects and electrification has not been initiated in any of the projects.

Financial Progress of Water Bodies in 4 ULBs of 3 Districts:

Sl. No	Name of the ULB	Target	Progress upto FY:2020-21	Progress upto FY:2021-22
			Fin. (INR Cr.)	Fin. (INR Cr.)
1	Rairangpur	15.57	5.03	9.34
2	Rajgangpur	2.83	0.13	0.38
3	Joda	9.4	Nil	1.267
4	Barbil	3.6	0.10	1.5
TOTAL		31.4	5.26	12.48



Glimpses of different Project components under progress:



Work in progress in the Barbil waterbody

Annexure I

Progress of Works under Rural Connectivity Sector:

District	PIA	No. of Projects	Progress till Mar 31 st , 2021	Cumulative Progress (As on Mar 31 st , 2022)
Keonjhar	RW, Anandapur	37 (35 Complete d)	<p>Physical:</p> <p>1) Total length = 92.14 Km a) Earthwork = 80.51 /92.14Km b) MT = 40.90 /80.43Km c) CC = 10.76/11.71 Km d) BT= 35.05 /80.43Km.</p> <p>2) 52 nos of CD structures. (Total = 126 nos.)</p> <p>Financial: Total Budget - Rs.56.31 Cr. Funds Released - Rs. 30.16 Cr. Funds Utilized - Rs. 29.55 Cr.</p>	<p>Physical:</p> <p>1) Total length = 92.14 Km a) Earthwork = 80.51 /92.14Km b) MT = 40.90 /80.43Km c) CC = 10.76 /11.71Km d) BT= 68.91 /80.43Km.</p> <p>2) 52 nos of CD structures. (Total = 126 nos.)</p> <p>Financial: Total Budget - Rs.56.31 Cr. Funds Released - Rs. 53.09 Cr. Funds Utilized - Rs. 48.56 Cr.</p>
	RW, Keonjhar-II	65 (54 Complete d)	<p>Physical:</p> <p>1) Total length = 173.89 Km a) Earthwork = 149.74 Km b) MT = 147.18/147.18 Km c) CC = 9.79 /26.71Km. d) BT = 9.39 /147.18Km</p> <p>2) 335 CD structures. (Total = 469 nos.)</p> <p>3) The status of 3 Bridge projects are as follows: a) 1 no: AL- Deck Slab casted b) 1 no: Centering works in progress c) 1 no: Foundation work in progress.</p> <p>Financial: Total Budget - Rs.109.63 Cr. Funds Released - Rs. 74.30 Cr. Funds Utilized - Rs.41.61 Cr.</p>	<p>Physical:</p> <p>1) Total length = 173.89 Km a) Earthwork = 149.74/173.89 Km b) MT = 147.18 /147.18Km c) CC = 19.01 /26.71Km. d) BT = 95.64 /147.18Km</p> <p>2) 335 CD structures. (Total = 469 nos.)</p> <p>3) The status of 3 Bridge projects are as follows: a) 1 no: Completed b) 1 no: completed c) 1 no: Work in progress</p> <p>Financial: Total Budget - Rs.109.63 Cr. Funds Released - Rs. 88.45Cr. Funds Utilized - Rs.81.09 Cr.</p>
Mayurbhanj	RW, Karanjia	16 (15 nos Complete d)	<p>Physical:</p> <p>1) Total length = 41.95 Km a) Earthwork = 31.19/41.95 Km b) MT = 24.11/31.00Km c) CC = 6.54 /10.95Km completed. d) BT= 14.87 /31.00Km completed.</p> <p>2) 94 nos of CD structures. (Total = 141 nos.)</p> <p>Financial: Total Budget - Rs.24.80 Cr. Funds Released - Rs.20.27 Cr. Funds Utilized - Rs. 12.72 Cr.</p>	<p>Physical:</p> <p>1) Total length = 41.95 Km a) Earthwork = 31.40/41.95 Km b) MT = 30.02/31.00Km c) CC = 12.10/10.95 Km completed. d) BT= 26.08/31.00 Km completed.</p> <p>2) 94 nos of CD structures. (Total = 141 nos.)</p> <p>Financial: Total Budget - Rs.24.80 Cr. Funds Released - Rs.20.27 Cr. Funds Utilized - Rs. 20.04 Cr.</p>

District	PIA	No. of Projects	Progress till Mar 31 st , 2021	Cumulative Progress (As on Mar 31 st , 2022)
	RW, Rairangpur	14 (10 nos Complete d)	<p>Physical:</p> <p>1) Total length = 26.98 Km a) Earthwork = 20.13/26.98 Km b) MT = 6.18 /12.45Km c) CC = 10.77/14.53 Km d) BT = 3.02 /12.45Km</p> <p>2) 93 nos of CD structures. (Total = 113 nos.)</p> <p>3) One bridge project is under progress. So far, Concreting of well curb of AL, P1, P2 & AR completed & approach road work in progress.</p> <p>Financial:</p> <p>Total Budget - Rs.21.62 Cr. Funds Released - Rs. 23.35 Cr. Funds Utilized - Rs. 11.78 Cr.</p>	<p>Physical:</p> <p>1) Total length = 26.98 Km a) Earthwork = 20.13 /26.98Km b) MT = 7.77/12.45 Km c) CC = 17.68/14.53Km d) BT = 7.40/12.45Km</p> <p>2) 93 nos of CD structures. (Total = 113 nos.)</p> <p>3) Work in progress. Likely completion date- 31.12.2022</p> <p>Financial:</p> <p>Total Budget - Rs.21.62 Cr. Funds Released - Rs. 23.35 Cr. Funds Utilized - Rs. 16.55 Cr.</p>
Sundargarh	RW, Sundargarh-I	2 (Both are Complete d)	<p>Physical:</p> <p>1) Total length = 2.96 Km a) Earthwork = 2.91 Km b) MT = 2.91 Km c) CC = 2.96 Km</p> <p>2) 5 nos of CD structures. (Total = 6 nos.)</p> <p>Financial:</p> <p>Total Budget - Rs.2.11 Cr. Funds Released - Rs.1.83 Cr. Funds Utilized - Rs.1.83 Cr.</p>	<p>Physical:</p> <p>1) Total length = 2.96 Km a) Earthwork = 2.91 Km b) MT = 2.91 Km c) CC = 2.96 Km</p> <p>2) 5 nos of CD structures. (Total = 6 nos.)</p> <p>Financial:</p> <p>Total Budget - Rs.2.11 Cr. Funds Released - Rs.1.83 Cr. Funds Utilized - Rs.1.83 Cr.</p>
	RW, Rourkela	20 (17 nos Complete d)	<p>Physical:</p> <p>1) Total length = 25.52 Km a) Earthwork = 22.07/25.52Km b) MT = 11.41/24.56 Km c) CC = 1.60 /2.84Km d) BT = 5.41/24.56Km</p> <p>2) 34 nos of CD structures. (Total = 77 nos.)</p> <p>3) Out of the 10 Bridge projects, 2 are completed and 8 are under progress, the status of which is as follows: a) 2 nos: Approach road work in Progress. b) 5 nos: all slabs casted other works in progress. c) 1 no: Deck slab casted. Centering work in progress.</p> <p>Financial:</p> <p>Total Budget - Rs.49.35 Cr. Funds Released - Rs.26.37 Cr. Funds Utilized - Rs. 19.73 Cr.</p>	<p>Physical:</p> <p>1) Total length = 25.52 Km a) Earthwork = 25.52/25.52 Km b) MT = 23.46/24.56 Km c) CC = 3.34/ 2.84 Km d) BT = 15.28/24.56 Km</p> <p>2) 77 nos of CD structures. (Total = 77 nos.)</p> <p>3) Out of the 10 Bridge projects, 9 are completed and 1 is under progress.</p> <p>Financial:</p> <p>Total Budget - Rs.49.35 Cr. Funds Released - Rs.39.28 Cr. Funds Utilized - Rs. 37.18 Cr.</p>

District	PIA	No. of Projects	Progress till Mar 31 st , 2021	Cumulative Progress (As on Mar 31 st , 2022)
Jajpur	RW, Jajpur	1	<p>Physical:</p> <p>1) Total length = 6.49 Km a) Earthwork = 6.00 Km b) GSB = 5.50 Km c) MT = 4.50 Km 2) All 17 nos CD structures are completed.</p> <p>Financial:</p> <p>Total Budget - Rs.3.70 Cr. Funds Released - Rs.2.04 Cr. Funds Utilized - Rs. 1.36 Cr.</p>	<p>Physical:</p> <p>1) Total length = 6.49 Km a) Earthwork = 6.00 Km b) GSB = 5.50 Km c) MT = 4.50 Km 2) All 17 nos CD structures are completed.</p> <p>Financial:</p> <p>Total Budget - Rs.3.70 Cr. Funds Released - Rs.2.04 Cr. Funds Utilized - Rs. 1.85 Cr.</p>
TOTAL		157		

Financial Statement

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Odisha Mineral Bearing Areas Development Corporation
CIN- U75100OR2014NPL018478
Aranya Bhawan, GD-2/12, Chandrasekharpur, Bhubaneswar, PIN-751023
Balance Sheet as at 31st March 2022

(In Rupees)

	Particulars	Note No.	Figures as at 31 st March 2022	Figures as at 31 st March 2021
I.	EQUITY AND LIABILITIES			
1	Shareholders' funds			
	(a) Share capital	3	1,00,000.00	1,00,000.00
	(b) Reserves and surplus	4	-	-
			1,00,000.00	1,00,000.00
2	Non-Current Liabilities			
	(a) Other Long-term liabilities (Corpus Fund)	5	15713,43,41,258.00	17236,71,18,367.00
3	Current Liabilities			
	(a) Other Current Liabilities	6	52,03,351.00	5,73,368.00
	Total		15713,96,44,609.00	17236,77,91,735.00
II.	ASSETS			
1	Non-Current Assets			
	(a) Property, Plant & Equipment			
	i. Tangible assets	7	95,59,606.00	87,93,936.00
	ii. Intangible assets		35,76,104.00	18,000.00
	iii. Capital Work-in-Progress		0	21,43,843.00
	Total Assets		131,35,710.00	1,09,55,779.00
	Less: Depreciation & amortization expenses		60,80,072.00	37,23,782.00
	Net Assets		70,55,638.00	72,31,997.00
2	Current assets			
	(a) Current investments	8	13354,19,56,200.00	15076,41,14,450.00
	(b) Cash and cash equivalents	9	181,91,09,824.00	501,08,22,854.00
	(c) Loan and advances	10	1909,52,87,734.00	1430,84,77,870.00
	(d) Other current assets	11	267,62,35,213.00	227,71,44,564.00
	Significant Accounting Policies & notes to accounts forming an Integral Part of the Financial Statement	1-15		
	Total		15713,96,44,609.00	17236,77,91,735.00

Note - Previous Year Balance have been regrouped as per the requirement.

For and on behalf of the Board of Directors


(CS J. Mohanty)
 Company Secretary


(Sri B. P. Dash)
 GM (Finance)


(Sri G. Rajesh)
 CEO & Director
 (DIN: 09595798)


(Sri D.K. Singh)
 Director
 (DIN:02326486)

As per our report of even date




For M/s DM Associates
 Chartered Accountants

Place: Bhubaneswar
 Date: 23-09-2022

Odisha Mineral Bearing Areas Development Corporation
CIN- U75100OR2014NPL018478
Aranya Bhawan, GD-2/12, Chandrasekharpur, Bhubaneswar, PIN-751023
Statement of Income & Expenditure for the period ended 31st March 2022

(In Rupees)

Particulars		Note No.	1 st April 2021 to 31 st March 2022	1 st April 2020 to 31 st March 2021
I	Revenue from Operations		-	-
II	Other Income	12	73,509.00	72,640.00
III	Total Income (I + II)		73,509.00	72,640.00
IV	EXPENSES			
	i. Project Expenses	13	2196,16,35,566.00	1815,20,27,660.00
	ii. Depreciation & amortization expenses	7	23,56,290.00	17,85,266.00
	iii. Other expenses	14	3,89,23,352.00	3,00,60,709.00
	Total expenses		2200,29,15,208.00	1818,38,73,635.00
V	Income/(Expenses) before Exceptional Items and Tax (III-IV)		(2200,28,41,699.00)	(1818,38,00,995.00)
VI	Exceptional Items		-	-
VII	Income/(Expenses) before Tax (V-VI)		(2200,28,41,699.00)	(1818,38,00,995.00)
VIII	Tax Expense			
	Current Tax		-	-
	Deferred Tax		-	-
IX	Income/(Expenses) for the period from Continuing Operations (VII-VIII)		(2200,28,41,699.00)	(1818,38,00,995.00)
X	Income / (Expenses) from discontinued operations		-	-
XI	Tax expense of discontinued operations		-	-
XII	Income / (Expenses) from Discontinuing Operations (after tax)		-	-
XIII	Income or Expenditure for the Period (IX-XII)		(2200,28,41,699.00)	(1818,38,00,995.00)
	Significant Accounting Policies & notes to accounts forming an Integral Part of the Income and Expenditure.	1-15		

For and on behalf of the Board of Directors


 (CS J. Mohanty)
 Company Secretary


 (Sri B. P. Dash)
 GM (Finance)


 (Sri G. Rajesh)
 CEO & Director
 (DIN: 09595798)


 (Sri D.K. Singh)
 Director
 (DIN:02326486)

As per our report of even date

Place: Bhubaneswar
 Date: 23-08-2022




 For M/s D M Associates
 Chartered Accountants

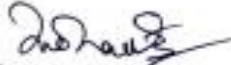
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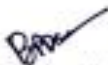
Odisha Mineral Bearing Areas Development Corporation
CIN- U75100OR2014NPL018478
Aranya Bhawan, GD-2/12, Chandrasekharapur, Bhubaneswar, PIN-751023
Cash Flow Statement for the period ended 31st March 2022

(In Rupees)

Particulars	31 st March 2022	31 st March 2021
Net Income for the period	0	0
Add:		
Increase in provision	0	0
Increase long term liabilities	0	0
Increase in provisions towards expenses	46,29,983.00	0
Depreciation	23,56,290.00	17,85,266.00
	69,86,273.00	17,85,266.00
Less:		
Interest Income	0	0
Accrued Interest	0	0
Increase in Advances	0	0
Decrease in Reserve & Surplus	(2200,28,41,699.00)	(1818,38,00,995.00)
Decrease in provisions toward expenses	0	(11,71,939.00)
Increase in Current Asset	(518,59,00,513.00)	(613,16,25,881.00)
Net Cash used in operating activities	(2718,17,55,939.00)	(2431,48,13,549.00)
Advance money received from different Lessees	677,00,64,590.00	1151,28,40,121.00
Net cash flow from financing activities	677,00,64,590.00	1151,28,40,121.00
Decrease in investment	1722,21,58,250.00	1681,72,18,750.00
Purchase of Assets	(21,79,931.00)	(45,33,524.00)
Interest received	0	0
Net cash flow from Investing activities	1721,99,78,319.00	1681,26,85,226.00
Cash Flow During the year	(319,17,13,029.00)	401,07,11,798.00
Add:		
Opening Cash	501,08,22,854.00	100,01,11,055.60
Cash and cash equivalents at the end of the year	181,91,09,825.00	501,08,22,853.60

For and on behalf of the Board of Directors


(CS J. Mohanty)
 Company Secretary


(Sri B. P. Dash)
 GM (Finance)


(Sri G. Rajesh)
 CEO & Director
 (DIN: 09595798)


(Sri D.K. Singh)
 Director
 (DIN:02326486)

As per our report of even date




For M/s D M Associates
 Chartered Accountants

Place: Bhubaneswar
 Date: 23.08.2022

Ad hoc Campa Fund Position of OMBADC in Banks as on dt.31.03.2022		
Particulars		Amount (In cr.)
Add:	Amount received under AD hoc Campa	869.42
Add:	Interest Accrued	265.54
Add:		
Total		1134.96
Less:	Release to Line Department	1062.33
Less:	Payment towards administrative expenses	15.69
Total		56.94

MMDR Compensation Money (Fund Position) of OMBADC as on 31.03.2022

Rs. in crore

	Total Receipt of funds From 01.12.2017 to 31.03.2022 in the PL Account		16,833.54
ADD:	Interest Received From ATB till 31.03.2022		2,648.89
ADD:	Interest Received from Govt. of Odisha till 31.03.2022		244.46
	Total Fund (fund+interest)		19,726.89
LESS:	(a) Amount Given to State Government on Loan	1,725.00	
LESS:	(b) Amount Invested In ATB	11,629.20	
LESS:	Cost value of Investment as on 31.03.2022 (a + b)		13,354.20
LESS:	Funds released to Different Line Departments		6,226.78
	Funds available in P & L A/C		145.91
	Total		145.91



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Odisha Mineral Bearing Areas Development Corporation

Aranya Bhawan, 1st Floor, GD-2/12

Chandrasekharapur, Bhubaneswar, 751023, Odisha

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CIN: U75100OR2014NPL018478

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