

## **ASDS work with APIIATP Project under Water Resource Department in East Godavari District**

The state of Andhra Pradesh has proposed a next generation Irrigated Agriculture Transformative Project by Name Andhra Pradesh Integrated Irrigation and Agriculture Transformation Project (APIIATP) The Government of AP I & CAD has entered into the agreement as per the guidelines of World Bank, the Agreement made between District Project Unit and SO VYAVASAYAKA MARIYU SANGHIKA ABHIVRUDDI SAMSTHA (ASDS) from 27.03.2019 till now with Agreement number 1/2018-19

The SO has to assess the present status of the Project, According to the assessment report an action plan for the coming 1 year should be prepared and submitted to the PMU/DPU. The assessment has to be made through check slip filling pertaining to the previous activities have taken and their progress by involving the WUA members, FPOs, Para Workers and competitive authorities along with SO staff.

As per the agreement concluded with DPD, DPU, Peddapuram we have prepared reports and taken up implementation support activities in 35 MI tanks. Geographically all the tanks are located in the remote places of the district where the Water User Association members as well as committees are not in a

Position to access with the service providers (line departments).

We have working with FPOs supporting from Agriculture Department in 35 MI tanks and strengthening and Capacity building under APIIATP project in East Godavari District and sufficient staff working under this project as per project norms. .

The agriculture sector has recorded phenomenal growth in the state in recent years. However, the sector faces serious challenges in terms of sustainability and maintaining growth in an environmental friendly manner. It is now essential to increase the understanding of farmers on climate resilient technological options for bringing desired improvement in production and productivity and moving towards sustainable farming systems. Current farming practices are less sustainable ecologically as they overuse natural resources, reduce soil fertility, and contribute to climate change. Promotion of sustainable agricultural practices will restrict gradual fall in soil fertility and minimize its quality deterioration. In view of these, the project will make efforts to:

1. Enhance the production / productivity of crops using climate resilient seed Varieties;
2. Input management;

3. Increase efficiency in irrigation;
4. Improve water productivity with improved area coverage
5. Promote sustainable farming technologies.

It is to enhance farmers' profitability by improving farmer's access and linkages to markets by providing alternate marketing channels and promoting farm level aggregation, post-harvest management and value addition for agricultural / horticultural crops. The project will support farmer producer organizations (FPOs); develop their capacity and skills for accessing wider input and output markets; and investment support to the FPOs for establishing common service centers for aggregating agriculture and horticulture produce. This component will focus on a resilient value chain and address gaps in the value chain and facilitate the linkage of FPOs and value chain operators to local, national and wherever appropriate-international market.

### **Project Coverage in East Godavari District**

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In order work with the WUA, the SO VYAVASAYAKA MARIYU SANGHIKA ABHIVRUDDI SAMSTHA (ASDS) Organization has been allotted the following WUAs in 8 mandals 1.Peddapuram. 2. Prathipadu 3. Rangampeta, 4.Gandepalli 5. Jaggampeta 6. Yeleswaram, 7. Gangavaram, 8. Rajavomangi 9.Devipatnam, 10. Addateegala 11. Biccavolu, Tanks list given

### **SO Key Staff details**

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Structured monitoring tools were developed for implementing the project towards sustainability and the key staff involved to fulfill the objectives of the project and collected required data regularly.

We hereby mentioned above Team coordinating each other for better implementation of project and for good relation with DPU as well as concerned WUAs. The internal reports were helped for regular monitoring and gaps identification. We have been finding the gaps in the process of project implementation and our deliverables at various activities during the review meetings. Accordingly we have been preparing monthly action plans and following them properly. Regular meetings were conducted by our team members and reviewed the Project progress on monthly basis. Even regular field visits were conducted at project level and interacted with WUA members for better progress.

CMS/TL, Community Organizer (ID) and CO-SAP are capacitated the WUA members on the project implementation and their role in the project, this will help the WUAs for own monitoring and

sustain Conduct awareness meetings on project objectives, interventions and implementation. Create awareness and community mobilization supporting and strengthening WUA's through awareness meetings.

Ensuring the collection of water tax and fish lease amount. Need based training programme for the tank ayacut farmers. District level convergence meeting with all line departments Agriculture, Horticulture, Aqua and ground water etc..

Associated with all project implementation activates. To create awareness to WUA members and stakeholders on project activities through wall writings. Conduct trainings to WUA members on book keeping.

### **Approach to planning**

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Initially SO Team conducted meetings in WUA level and collected Tank wise data. After collection of data in each WUA and then consolidated, and then prepared to Annual Action Plan. Month wise Action plans prepared / Developed by the Instructions of DPU, as per the formats provided by DPU. Planning will be done at SO level after reviewing the status of the project and accordingly necessary modifications will be carried out.

The information collected from the WUA through meetings will help the team to find out the gaps and required inputs to move further. The gaps identified will be sent to DPU for their concern and also approval to implement the same at the WUA Level/Cascade level Development activities.

### **Field Office:**

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Field office has been opened at Rajahmundry for office administration and easy access to the District Project Director and Assistant Project Directors. And travelling to field visits to Tank villages/WUAs.

### **WUA meetings in last year**

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It will be ensured that the WUA organizes its monthly meetings, GB meeting and CIG meetings with the required percentage of participation regularly and maintains proper minutes of the same.

Water management and related record keeping

It will be attempted that that each WUA undertakes crop planning activity before each season starts and organizes water management and irrigation scheduling that is rigorously recorded. Ensure that WUA updates and maintains farmer-wise, season-wise, and crop-wise irrigated area data.

Facilitation will be undertaken with the concerned authorities (Revenue, Agriculture and Irrigation) to undertake joint ajmoish with the WUA. The SO should further facilitate the visit by the Revenue Authority to the village for water tax collection and motivate the WUA members to pay water tax in full. WUA should be assisted to maintain data on area irrigated, water tax demand raised and water tax collected. In this year we are conducted all 23 tanks monthly meetings completed regular basis.

**As per the APFMIS Act -1995, every WUA** has to organizes Executive Body meetings in every month, and General body meetings to organize 2 meetings in a year, i.e in before Kharif and before Rabi.

- SO staff was conducting monthly Executive Body meetings in every month 23 Tanks.
- Attendance of MC members in monthly meeting is on an average 85 %
- In this meetings SO staff were explaining APIIATP Project activities.
- Minutes will update in WUA records.
- SO observed that Women ayacutdars / EC members are not attending to the monthly meetings.
- SO staff were explained about the importance of Gender equity and involvement of Women members in the meetings.

Para workers also attending in the meeting and Minutes books were updated by Para workers.

#### Agriculture :

- Regular Interaction with Mandal Agriculture officers and discussed on project activities.
- Inviting the concerned mandal Agriculture officers to the meetings and Training at Tank level.

#### Identification of site for Rural Godown :

- 2 Sites identified by the WUA members for Rural Godowns at Vemulova (V)Gangavaram (M),Gandepalli(V) Gandepalli (M)

### FPOs -

The scope of work to Promote FPOs shall carry out the following activities;

- Agriculture extension programme,
- Preparation for FPO formation, and support for establishing FPOs.
- Forming FPO is to enhance the income and productivity as well as to reduce risk and expenses farming and farmers by bringing farmers into organized sectors.
- FPO promotion also aims to promote climate-smart agriculture through organic production practices and integrated farming practices.
- Effective mobilization of command area farmers to participate in the activities of agriculture component.



ADA, AOs, AE, and APD-ID

### Horticulture :

- Interaction with line Department officers of Horticulture and discussed on project activities.
- Discussed with Horticulture Officers regarding formation of CIG groups



Distributing Inputs to Pedda Tank farmers at Sarabhavaram Village, Prathipadu Mandal

Rejuvenation inputs distributed in 2 villages under Horticulture component (Vemulova & Sarabhavaram) under ADH, Rajamahendravaram .Detailed report and Annexures in Quarterly Progress Report 2 and 3

Rejuvenation inputs distributed in 2 villages in Peddapuram mandal 150ht for 130 farmers under ADH, Kakinada

S.No	Name of the Tank	Name of the Village	Name of the Mandal	Total Extent	Total Farmers
1	Yerrakonda MI	Vemulova	Gangavaram	181.52	30
2	Pedda	Sarabhavaram	Prathipadu	55.71	106
3	Raju	Peddapuram	Peddapuram	150.015	130

### Formation of CIG Groups:

Common Interest Groups Formed at Tribal farmers groups in Vemulova village , Gangavaram Mandal.

APD ID focused on FPO strengthen throw horticulture department due to that first we planned for organize FPO board of directors meeting at field level in Devipatnam and Gangavaram. As per this plan we organized 2 FPOs board of directors meeting , and decided to organize FPOs training separately at devipatnam and Gangavaram mandals.

	
Gangavaram FPO Board of Directors meeting – ADH, HO and APD ID	Devipatnam FPO Board of Directors meeting – ADH, HO and APD ID

	
<p>FPO Training Gangavaram- HO, NGOs, Velugu APD, FPO members and APD-ID</p>	<p>FPO Training Devipatnam- HO, NGOs, Velugu APD, FPO members and APD-ID</p>

On 13th Feb 2020 FPO Training on roles and responsibilities at Gangavaram FPO and On 19th Feb 2020 FPO Training on roles and responsibilities at Indukuru village Devipatnam FPO. Participants are

APD Velugu, Horticulture Officer, Agriculture Officer, Sachivalayam staff, Volunteers, Creators NGO, Tanager group representatives FPO board of directors, farmers, local leaders and APD-ID, In FPO training at Indukuru Voice over in D5 and local channels covered AO, HO and APD-ID

Stall activity & Demo's

	
<p>Training program on Horticulture – HO, Agency, APD-ID</p>	

In Nellipudi village with support of Horticulture department we organized stall activity and demos , all the farmers participated actively.

## Fisheries :

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The objective of the livelihood support for fisheries development is to increase the fish production and strengthen market linkages. Irrigation systems to increase the income of inland fishing and farming communities. The SO staff shall support the fisheries department in implementing the fisheries component plan in tanks.

	
Advocacy on Project implements – JDF, SIFT Principal, ADF Kakinada and APD ID	Advocacy on Project implements – ADF Rajahmundry and APD ID

## Participatory ground water management:

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This is an important aspect to our SO will follow the following methods and strategies. Ensuring that PGM activities are implemented as per guidelines in coordination with the APD-PGM under the Deputy Director of GW & WA Dept., Rajahmundry

- We will encourage innovative methods to get good yield using available water
- The PGM activities are very useful
- We have to extend to all the areas by community participation
- Then only we can get good yield and reduce the Gap Ayacut.
- We have to aware farmers on Pizeo meters to measure the ground water levels
- We have to supply the required equipment like indicator, 100 liters drum and stop watch to the few selected farmers for yield testing.
- The selected farmers have to monitor the hydrological parameters  
Formation of PGM groups

This is an important aspect our SO will follow the following methods and strategies.

We will encourage innovative methods to get good yield using available water.

The PGM project will be very useful.

We have to extend to all the areas by community participation.



Then only we can get good yield from non ayacut as well as ayacut area by judicious usage of ground water.

PGM system will be implemented in all the areas where acute groundwater stress conditions. We have to create awareness among the ground water users about the existing situation. For that we have to build the capacities of the ground water users by forming PGM groups to manage

the situation so that in future they don't face hardships due to groundwater stress.

We have to aware farmers on Piezo meters to measure the ground water levels

We have to supply the required equipment like indicator, 100 liters drum and stop watch to the few selected farmers for yield testing.

The selected farmers have to monitor the hydrological parameters

We can install a rain gauge station in the village is installed in the village. We have to train a volunteer or a Para worker to record the daily rainfall.

It will be more useful for crop water budgeting.

**APD-PGM and Hydrological Assistant interacted with DPD Sir**

**along with APD-MIS/M&E discussed about PGM Activities**

In this connection, we conducted **Awareness Training Program on Participatory Ground Water Management** in three Tanks.

S. No	Date	Name of the Tank	Name of the Village	Name of the Mandal	No.of Participants
1	27/12/2019	Yerrakonda MI Tank	Vemulova	Gangavaram	105
2	28/12/2019	Pedagarlapadu MI Tank	Pedagarlapadu	Gangavaram	107
3	29/12/2019	Kudumula Tank	Chinasankarlapudi	Prathipadu	109



Vemulova



Pedagarlapadu



Marriveedu

**భూగర్భ జలాలను సద్వినియోగ పరుచుకోవాలి : డీడీ**

**ప్రతిపాడు, డిసెంబరు 28:** భూగర్భజలాలను సద్వినియోగ పరుచుకోవాలని భూగర్భ జలశాఖ డిప్యూటీ డైరెక్టర్ పీఎస్ విజయకుమార్ కోరారు. మండలంలోని చినశంకర్ల హాడిలో శనివారం భూగర్భజలాల వినియోగంపై రైతులతో ఆవగాహనా సదస్సు నిర్వహించారు. ఈ సమావేశానికి ముఖ్య అతిథిగా విచ్చేసిన ఆయన మాట్లాడుతూ భూగర్భ జలాల పరిరక్షణకు రైతులు సహకరించాలన్నారు. భూగర్భజల శాఖ ఏడీ వైశ్రీనివాస్, ఏవీడీ మూర్తి, ఇరిగేషన్ ఏవీడీ ఆనంద్, శైలద్రాలజిస్సు బి.విజయదుర్గ, వ్యవసాయాధికారి గంగాధర్, హార్టికల్చర్ పీఏపి హేమంత్, స్థానిక రైతులు పాల్గొన్నారు.

Press coverage



Pamphlet inauguration on PGM Activities



APD-PGM is explaining about PGM Activities



Founder of ASDS explaining about the importance of Ground Water



AD-Ground Water is explaining about the Ground Water Interventions in the APIIATP



APD-ID is explaining about the need of PGM Activities



APD-MIS/M&E is explaining about the need of PGM Activities



Pamphlet inauguration on PGM Activities



APD-PGM is explaining about PGM Activities



Founder of ASDS explaining about the importance of Ground Water



AD-Ground Water is explaining about the Ground Water Interventions in the APIATP

### Capacity Building (Trainings):

Strengthening the water user association is the most crucial aspect in this project. Community participation is ensured right from the planning stage up to handing over the tank to the WUAs for operation and maintenance in the future.

- After finalization of the Training calendar, discussed with the concern WUAs and prepared Training wise schedule (date) for conduct of Trainings.

- With support of WUA members and Para workers, mobilized WUA MC committee members, Women farmers, & Ayacutdars for the Trainings.
- As per the Training calendar, the State Project Director has given permission to conduct 4 different types of Trainings for the year 2019-20.
- Total 39 batches (4 Trainings) has to conduct for the year 2019-20.
- Out of that 39 batches, we completed 11 batches in 3 levels of Trainings.
- The Training schedule discussed with the line departments (Irrigation, Agriculture, Horticulture, Ground water and Fisheries Departments).
- Line department officials also attended for the Trainings and explained about the department wise activities and budget allocations available in our project.
- Date wise Training Schedule and methodology prepared .
- The 3 Assistant Project Directors (ID, M&E, Ground Water ) were attended for the Trainings and explained about the Project, components , Roles and Responsibilities of WUAs and Para workers.

#### **World Bank Team Fisheries Expert visited East Godavari**

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World Bank Fisheries Expert, Dr. Martin Kumar visited East Godavari along-with JD Fisheries and interacted with the District Project Director Sri D.V.Rama Gopal, Dy Executive Engineer-Samalkot, CTRAN Fisheries Expert, Assistant Executive Engineer-Peddapuram and APD-ID and appreciated the activities under Fisheries Component Administrative Approval accorded for 14 Captive Fish Seed Rearing Forms under APIIATP Tanks in East Godavari will be more helpful to the Fishermen Communities.



World Bank Fisheries expert field visit –  
Vatlapalem farm – DPD, JDF, FDO, DyEE, AEE,  
CITRAN expert SO staff and APD ID



World Bank Fisheries expert SIFT - visit –JDF, FDO,  
CITRAN expert and APD ID



World Bank Fisheries expert field visit – Kadiyam  
farm – JDF, FDO, CITRAN expert and APD ID



World Bank Fisheries expert field visit – MMS –  
JDF, SIFT Principal, FDO, CITRAN expert, MMS  
members and APD ID