

No.30/17/2009-GW-AC  
Government of India  
Ministry of Water Resources  
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627, Shram Shakti Bhawan, Rafi Marg,  
New Delhi dated the 3<sup>rd</sup> September, 2010

**Subject: Constitution of Project Implementation Team (PIT) for implementation of 2<sup>nd</sup> phase of Farmers' Participatory Action Research Programme (FPARP).**

With the approval of competent authority, a Project Implementation Team (PIT) has been constituted by this Ministry for implementation of 2<sup>nd</sup> phase of Farmers' Participatory Action Research Programme. The PIT consist of the following members.

- |  |                      |
|--|----------------------|
| 1) Dr. Alok Sikka, Technical Expert,<br>National Rainfed Area Authority (NRAA) | - Chairman           |
| 2) Chief Engineer (IMO), CWC   | - Co-chairman        |
| 3) Dr T.B.S. Rajpoot, Project Director,<br>Water Technology Centre, IARI, PUSA | - Member             |
| 4) Director (FPARP), MOWR  | - Member             |
| 5) Regional Director (HQ), CGWB  | - Member             |
| 6) Director, IP(S), CWC  | - Member Coordinator |


The Terms of Reference (TOR) of the PIT are as follows:

- i. To invite proposals for the shortlisted technologies from the shortlisted institutes; evaluation & recommendation of the proposals to MOWR for release of funds and to operationalise the Farmers Participatory Action Research programme.
- ii. To develop format for obtaining information / feedback from the implementing institutes.
- iii. To monitor the progress of the implementing institutes.
- iv. To finalize the modalities for capacity building, national coordination, monitoring and evaluation of impact of FPARP. Modalities to be worked out., if, evaluation of FPARPs entrusted to outside agencies.
- v. Some new institutions / NGOs as well as some new technologies are to be included based on the institutions profile and competency in demonstrating the technologies to the farmers.
- vi. Some new regions with specific problems which require priorities such as eastern region will be considered for inclusion in the 2<sup>nd</sup> phase. Accordingly, the institutions in these regions will be identified along with their technologies (especially for salt/ Fluoride affected areas) available with them for demonstrations to the farmers.
- vii. Some pilot studies such as introduction of micro irrigation in the canal command are to be considered for inclusion in the 2<sup>nd</sup> phase. The implementation will be done in coordination with other implementing Departments/Ministries programme.

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Expenditure involved on holding of the meetings of PIT, including payment of TA/DA to Non-Official Members, if any, would be met by the Central Water Commission. CWC will obtain IFD's concurrence for each expenditure on case to case basis (with financial effect therein), as and when such eventuality arises Secretarial assistance will also be provided by CWC.

This issues with the approval of competent authority.

  
06/9/10  
(Dr. P.K. Mehrotra)  
Director (Estt.)  
Tele. 011-23710170, fax: 2376694  
Email : mehrotra.pk@nic.in

To

1. All members of the Project Implementation Team (PIT).

Copy also to the following with a request to kindly nominate the above mentioned representatives of your organization for the above said team :-


1. Secretary, Department of Agriculture & Cooperation, Ministry of Agriculture, Krishi Bhawan, New Delhi.
2. Director, Indian Agricultural Research Institute, Pusa Campus, New Delhi -110012

Copy for information to:

1. Chairman, CWC, Sewa Bhawan, R.K. Puram, New Delhi
2. Chairman, CGWB, BHujal Bhawan, NH-IV, Faridabad (Haryana)
3. Sr. PPS to Secretary (WR)
4. PS to Additional Secretary (WR)
5. PS to Joint Secretary (A), MoWR
6. PS to JS&FA, MoWR

Director (Estt.)

  
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Most Immediate

No. 30/17/2009-GW-AC  
Government of India  
Ministry of Water Resources  
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627, Shram Shakti Bhawan, Rafi Marg,  
New Delhi dated the 3<sup>rd</sup> September, 2010

To

✓  
Shri V.K. Chawla  
Chief Engineer (IMO)  
Centrla Water Commission  
Sewa Bhawan,  
R.K. Puram, New Delhi

**Subject:- Expansion of Farmers' Participatory Action Research Programme (FPARP) for 2<sup>nd</sup> phase.**


Sir

The approval of competent authority is hereby conveyed for expansion of FPARP for 2<sup>nd</sup> phase (5000 demonstrations at a cost of Rs. 25 crore during remaining period of XIth five year plan). The lists of identified institutes/technologies are enclosed which could be taken up during 2nd phase. It is requested that proposals may be invited from the identified institutes on the shortlisted technologies only, on priority so that funds could be released to the institutes in time for initiation of the project in rabi, 2010.

The guideliens of FPARP for 2<sup>nd</sup> phase is under consideration in the Ministry. As soon as it is approved, the same will be sent to you for further neccessary action.

Encl.:- As above

Yours faithfully,

  
03/9/10  
(Dr. P.K. Mehrotra)  
Director (Estt.)

Tele. 011-23710170, fax: 2376694

**Copy for necessary action to:**

1. Sh. B.C. Vishwakarma, Director, IP(S), CWC, and Member Coordintor (PIT), Sewa Bhawan, R.K. Puram, New Delhi
2. Dr. S.K. Jain, Scientist 'D', CGWB, Bhujal Bhawan, NH-IV, Faridabad (Haryana)

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IP(S)  
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### **Identification of institutions for 2<sup>nd</sup> phase.**

Out of 60 institutes which were involved in 1<sup>st</sup> phase, all the institutes except followings may be allowed to carry out the 2<sup>nd</sup> phase of FPARP demonstrations;

NERIWALAM, Tezpur ; CCSAU, Hisar ; University of Agriculture Science, Dharwad and IISR, Lucknow may be dropped on account of their poor physical / financial progress and poorly responding to the field inspections carried out by the concerned monitoring field formation of CWC/ CGWB/ MoWR officials. PAU, Bhatinda and Water Management Research Centre (SKUAST), Jammu are unwilling to take part in the 2<sup>nd</sup> phase of FPARP.

### **New Institutes**

Following new institutes have been recommended to take part in 2<sup>nd</sup> phase of FPARP

- National Research Centre for Agro-forestry, Jhansi, U.P.
- Indian institute of Technology, Kharagpur/Delhi/WRDTC, Roorkee
- IARI, Bikaner
- Central Potato Research Institute, Shimla
- Gujarat Agriculture University, Junagadh
- Project Directorate on Cropping System Research, Modipuram
- Konkan Krishi Vidyapeeth , Dapoli , Maharashtra
- ICAR Complex, Goa
- Directorate of Water Management, Bhubaneswar

### **List of Technologies which may be taken up during 2<sup>nd</sup> phase of the programme**

1. Micro Irrigation (Drip and sprinkler)
2. Rain water harvesting structures (water storage tanks)
3. Soil moisture conservation (Mulching, dead furrow, opening of furrow, tied ridging, Conservation agriculture, Dry farming technology, improved irrigation and water management etc)
4. System of Rice intensification (SRI)
5. Broadbed & Furrow irrigation
6. Deficit irrigation
7. Land leveling / configuration
8. Precision farming irrigated crops/Dry crops
9. Zero tillage/zero till drill
- 10 Multiple use of water

Micro Irrigation (Drip and sprinkler) technology may be extended to sugarcane/ cotton crops and CPRI, Shimla may take up demos in Kandi areas. WTC, IARI in Delhi; Gujarat Agriculture University, Junagadh; IIVR, Varanasi; MPUA & T, Udaipur may also take up demonstration on micro-irrigation.

Rainwater harvesting structures may be taken-up by more institutes like Konkan Krishi Vidyapeeth., Dapoli ( Maharashtra); ICAR Complex Goa, WTC, IARI, New Delhi.

System of Rice Intensification (SRI) may be taken up in states like Gujarat, Uttarakhand, Uttar Pradesh etc.

Broadbed & Furrow irrigation may be taken up in Indo-Gangatic plains by Indian Vegetable Research Institute, Varanasi; ICAR Research Complex, Patna; IARI, New Delhi and Project Directorate on Cropping System Research, Modipuram .

Deficit irrigation may be extended to the Northwestern Regions and IIT, Kharagpur; WRDTC, Roorkee & GBPAU & T , Pantnagar may be included.

Multiple use of water may be taken up by ICAR, Patna; CSSR, Kumaon; WTC Tamil Nadu Agriculture University, Coimbatore; Directorate of Water Management, Bhubaneswar; CARI Port Blair etc in water logged, shallow water table and salt affected or any other typical situations.

Following new technologies are also recommended for inclusion in 2<sup>nd</sup> phase of FPARP;

- Use of recycled water for irrigation
- Application of subsurface drips for irrigation
- Application of low cost drips for irrigation
- Application of treadle pump technology for irrigation in shallow water table areas