



RFD

Results-Framework Document
for
Directorate of Water Management,
Bhubaneswar

(April 2011- March 2012)

Section 1: Vision, Mission, Objectives and Functions

Vision

Sustainable development of on-farm water management technologies for enhanced agricultural productivity and improved livelihood under different agro-ecological regions.

Mission

Basic, applied and strategic research activities to address diversified water management issues with institutional linkages, infrastructural support and capacity building to achieve sustainability and growth.

Objectives

- Multiple use of canal water for enhancing farm productivity.
- Standardizing package of practices for waterlogged area.
- Development of groundwater management strategies.
- Rainwater management for increased land and water productivity.
- On-farm dissemination of developed technologies through extension system.
- Applied water management research through AICRP on Water Management and Groundwater Utilization.

Functions

- To develop efficient utilization, management and conservation of on-farm water resources for sustainable agricultural production.
- To manage excess water in agricultural lands.
- To develop sustainable cropping systems in relation to the availability of water.
- Devising multiple uses of water in agricultural production programmes to enhance water productivity.
- To reuse poor quality groundwater, industrial and municipal waste waters.
- To disseminate technologies through peoples' participation.

Section 2: *Inter se* Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excel lent	Very good	Good	Fair	Poor
						100%	90%	80%	70%	60%
1. Integrated Water Management	29	Judicious use of water and improving irrigation practices	Technologies for enhancing water use efficiencies and irrigation practices	No.	29	4	3	2	1	-
2. Water Conservation Measures	20	Water harvesting storage and groundwater recharge	Technologies for water harvesting storage and groundwater recharge	No.	20	5	4	3	2	1
3. Enhancing Water Productivity	20	Multiple uses of water	Models for multiple uses of water	No.	20	2	1	-	-	-
4. Creation of Awareness & Knowledge	20	Transfer of technology	Organizing training & demonstrations	No.	20	13	12	10	9	8
* Efficient functioning of the RFD system	11	Timely submission of RFD for 2011-12	On-time submission	Date	2	10 June, 2011	14 June, 2011	16 June, 2011	20 June, 2011	22 June, 2011
		Timely submission of Results for 2011-12	On-time submission	Date	1	1 May, 2012	3 May, 2012	4 May, 2012	5 May, 2012	6 May, 2012
		Finalize a Strategic Plan for RSC	Finalize the Strategic Plan for next 5 years	Date	2	10 Dec, 2011	15 Dec, 2011	20 Dec, 2011	24 Dec, 2011	31 Dec, 2011

		Identify potential areas of corruption related to organisation activities and develop an action plan to mitigate them	Finalize an action plan to mitigate potential areas of corruption.	Date	2	10 Dec, 2011	15 Dec, 2011	20 Dec, 2011	24 Dec, 2011	31 Dec, 2011
		Implementation of Sevottam	Create a Sevottam compliant system to implement, monitor and review Citizen's Charter	Date	2	10 Dec, 2011	15 Dec, 2011	20 Dec, 2011	24 Dec, 2011	31 Dec, 2011
			Create a Sevottam Compliant system to redress and monitor public Grievances	Date	2	10 Dec, 2011	15 Dec, 2011	20 Dec, 2011	24 Dec, 2011	31 Dec, 2011

* Mandatory Objective

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	2009-10	2010-11	2011-12	2012-13	2013-14
1. Integrated Water Management	Judicious use of water and improving irrigation practices	Technologies for enhancing water use efficiencies and irrigation practices	No.	-	2	3	2	2
2. Water Conservation Measures	Water harvesting storage and groundwater recharge	Technologies for water harvesting storage and groundwater recharge	No.	-	2	4	3	3
3. Enhancing Water Productivity	Multiple uses of water	Models for multiple uses of water	No.	-	-	1	1	1
4. Creation of Awareness & Knowledge	Transfer of technology	Organizing training & demonstrations	No.	-	10	12	15	15
* Efficient functioning of the RFD system	Timely submission of RFD for 2011-12	On-time submission	Date			14 June, 2011		
	Timely submission of Results for 2011-12	On-time submission	Date			3 May, 2012		
	Finalize a Strategic Plan for RSC	Finalize the Strategic Plan for next 5 years	Date			15 Dec, 2011		
	Identify potential areas of corruption related to organisation activities and develop an action plan to mitigate them	Finalize an action plan to mitigate potential areas of corruption.	Date			15 Dec, 2011		
	Implementation of Sevottam	Create a Sevottam compliant system to implement, monitor and review Citizen's Charter	Date			15 Dec, 2011		
		Create a Sevottam Compliant system to redress and monitor public Grievances	Date			15 Dec, 2011		

* Mandatory objective

Section 4: Description and definition of success indicators and proposed measurement methodology

Objective 1 (Integrated Water Management)

Integrated Water Management technologies and package of practices for excess water ecosystem shall be developed for enhancing farm productivity.

Objective 2 (Water Conservation Measures)

Various location specific artificial recharge techniques and low cost water harvesting technology shall be developed.

Objective 3(Enhancing Water Productivity)

Alternate remunerative crop ecosystems shall be developed to enhance water productivity.

Objective 4 (Creation of Awareness & Knowledge)

The trainings of stakeholders will be undertaken for dissemination of developed on-farm technologies.

Section 5: Specific Performance Requirements from other Departments that are critical for delivering agreed results

- Cooperation from line Departments like Department of Water Resources and Department of Groundwater shall be required. Timely cooperation from the farmers shall be highly required, since the envisaged research activities are being carried out in farmers' fields.
- Unforeseen natural adversaries during the experiment period shall influence the foreseen results.

Section 6: Outcome / Impact of activities of organization ministry

Sl. No.	Outcome / Impact of organization / RCs	Jointly responsible for influencing this outcome / impact with the following organization (s) / departments / ministry (ies)	Success Indicator	2009-10	2010-11	2011-12	2012-13	2013-14
1	Enhancing agricultural water productivity through multiple uses and improving livelihood	Departments of agriculture / water resources / animal husbandry / fisheries of various central and state governments; NGOs	Number of technologies assessed and demonstrations/trainings on these technologies organised	04	04	04	05	05
			Number of farmers trained on improved management technologies	1435	1589	1000	1200	1200