



Ministry of Irrigation and Water Management Agency Score Card - ASC

Abbreviations

Status of Target achievement is illustrated thus:



Successful- Target achieved



Unsuccessful – Deviation not exceeding 10 %



Unsuccessful – Deviation exceeding 10 %

Thrust area 1 – Formulation and implementation of policies to enhance agricultural production and living standards of all users of water

No	Key Performance Indicator	Status	Base line 2008	Targets / lead unit				
				2009	2010	2011	2012	2013
1	1a. Periodically updated Ministry wide plan	Target	Ministry wide plan established	Continuous update	Continuous update	Continuous update	Continuous update	Continuous update
		Achievement						
		Status						
2	1b. Continuously updated Comprehensive Institutional Implementation plans	Target	Implementation of plans of all institutions in operation	Continuous update	Continuous update	Continuous update	Continuous update	Continuous update
		Achievement						
		Status						
3	2a % Increase of extent harvested	Target	2400000Ha	1	0.5	0.5	0.5	0.5
		Achievement						
		Status						
4	2b. Cropping Intensity of Major Schemes	Target	1.7	1.7	1.7	1.8	1.9	1.9
		Achievement						
		Status						
5	2c. cropping Intensity of Medium schemes	Target	1.5	1.5	1.5	1.5	1.5	1.5
		Achievement						
		Status						
6	2d. Irrigated crop yield-Major	Target	5MT/Ha	5.5	5.5	6.0	6.0	6.0
		Achievement						
		Status						
7	2e. Irrigated crop yield-	Target	3.5MT/Ha	4.0	4.5	4.5	4.5	4.5

	Medium Potential							
		Achievement						
		Status						
8	2f % Increase of irrigable area in Ha	Target	257000	1	0.5	0.5	0.5	0.5
		Achievement						
		Status						
9	3a. % Increase in crop output	Target	250 Mn	1	1	1	1	1
		Achievement						
		Status						
10	3b. % Increase in contribution to GDP-Agriculture	Target	4.8	4.9	4.9	4.9	4.9	4.9
		Achievement						
		Status						
11	3c. % increase in contribution to GDP-Paddy	Target	3.6	3.8	3.8	3.9	4.0	4.2
		Achievement						
		Status						
12	4a. Ground and surface water levels	Target	Not available	Min and optimum required Levels to be established	Optimum level to be Maintained	Optimum level to be Maintained	Optimum level to be Maintained	Optimum level to be Maintained
		Achievement						
		Status						
13	4b. % increase of water quality	Target	Not available	Baseline for Pesticide level to be decided	20	40	60	Stds achieved
		Achievement						
		Status						
14	5a. Involvement of PPP /JV/Privatization in water management and distribution	Target	Nil	Nil	Nil	Nil	Nil	Nil
		Achievement						
		Status						
15	5b Free access to water for all	Target	Free access to water for all available	To be maintained	To be maintained	To be maintained	To be maintained	To be maintained
		Achievement						
		Status						
16	6a. % Increase in No of farmer organizations formed as per the plan	Target	Present level= (90%)	95	98	100	100	100
		Achievement						
		Status						
17	6b.% of effectively managed project management committees	Target	85%	90	95	100	100	100
		Achievement						
		Status						

Thrust area 2 – Optimum utilization of water resources

No	Key Performance Indicator	Status	Base line 2008	Targets / lead unit				
				2009	2010	2011	2012	2013
1	1a. Resource Management Policy at national level	Target	Available	Cts. Update	Cts. update	Cts. update	Cts. update	Cts. update
		Achievement						
		Status						
2	1b. Conflicts among all sectors of water reduced	Target	Few conflicts	Zero	zero	zero	zero	zero
		Achievement						
		Status						
3	2a .Average cropping intensity	Target	1.7	1.7	1.7	1.8	1.9	1.9
		Achievement						
		Status						
4	2b.% Reduction of crop damage and failure	Target	NA	Base line to be introduced	80%	60%	40%	20%
		Achievement						
		Status						
5	2c. % Increase in agricultural area of production- other than paddy	Target	8000 Ha	5	5	5	5	5
		Achievement						
		Status						
6	3a.increased irrigation intensity	Target	Less than 1.0	1.0	1.0	1.0	1.0	1.0
		Achievement						
		Status						
7	3b. % increase in Increased irrigable area	Target	257000Ha	1	0.5	0.5	0.5	0.5
		Achievement						
		Status						
8	4a. Sufficient water available for livelihoods through agriculture	Target	NA	Baseline to be established	5% increase	5	5	5
		Achievement						
		Status						
9	4a. % Increase in Ground water level	Target	NA	Baseline to be established	5	5	5	5
		Achievement						
		Status						
10	5a. Mechanism for water allocation –inter and intra	Target	Mechanism improved	Mechanism improved	Mechanism improved	Mechanism improved	Mechanism improved	Mechanism improved
		Achievement						
		Status						
11	6a.Surface and groundwater pollution levels minimized	Target	Not available	Data base to be developed	80	40	20%	Treatment points to be zeroed
		Achievement						

		Status						
12	6a.% Reduction of surface and groundwater pollution levels	Target	Not available	Data base to be developed	80	40	20%	Treatment points to be zeroed
		Achievement						
		Status						
13	6b. % increase of Elec conductivity, anions,cations,heavy metals pesticide WHO FAO stds	Target	Below std	10	20	50	80	Fluoride levels,hardness nitrate to be brought to WHO and FAC stds
		Achievement						
		Status						
14	6c.% Reduction of Incidence of Kidney disease	Target	Kidney disease prevalent	Baseline to be established	80	60	40	diseases occurrences made zero
		Achievement						
		Status						

Thrust area 3 – Forecasting of and protection from floods

No	Key Performance Indicator	Status	Base line 2008	Targets				
				2009	2010	2011	2012	2013
1	1a. No of right alerts made in no of basins	Target	NA	Baseline to be established	10	10	10	10
		Achievement						
		Status						
2	1b.% Reduction in No of Casualties	Target	NA	Baseline to be established	10	10	10	10
		Achievement						
		Status						
3	1c. % Reduction of property damage	Target	NA	Baseline to be established	10	10	10	10
		Achievement						
		Status						
4	2b. % Decrease of Crop damages	Target	Na	Baseline to be established	10	10	10	10
		Achievement						
		Status						
5	2c. % Decrease in Casualties	Target	Na	Baseline to be established	10	10	10	10
		Achievement						
		Status						
6	2d. % Decrease in Infrastructural damages	Target	Na	Baseline to be established	10	10	10	10
		Achievement						
		Status						

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		Achievement						
		Status						
7	2e. Disruptions to socio-economic activities reduced	Target	Na	Baseline to be established	10	10	10	10
		Achievement						
		Status						
8	2f. % Decrease in Relief costs	Target	Na	Baseline to be established	10	10	10	10
		Achievement						
		Status						
9	3a. % Reduction in inundated and water logged areas	Target	Na	Baseline to be established	10	10	10	10
		Achievement						
		Status						
10	3b. % Reduction in flood levels	Target	Na	Baseline to be established	10	10	10	10
		Achievement						
		Status						
11	3c. % Reduction in crop damages	Target	Na	Baseline to be established	10	10	10	10
		Achievement						
		Status						
12	3d. % increase in reduction of yield	Target	70 Bushels per acre	70	75	75	80	80
		Achievement						
		Status						
13	3e. % Reduction in expenses for recovery	Target	Na	Baseline to be established	10	10	10	10
		Achievement						
		Status						
14	4a. % Increase in Wetlands and flood detention areas	Target	Na	Baseline to be established	10	10	10	10
		Achievement						
		Status						
15	4b. Reduced flood peaks	Target	Na	Baseline to be established	10	10	10	10
		Achievement						
		Status						
16	4c. Ground water recharging ground water table(GWT) measurement	Target	Na	Baseline to be established	10	10	10	10
		Achievement						
		Status						

Thrust area 4 – Promotion, Construction, Operation and Maintenance of Irrigation, Drainage Hydro Power and Flood Protection Schemes

No	Key Performance Indicator	Status	Base line 2008	Targets				
				2009	2010	2011	2012	2013
1	1a. % increase Irrigable area in Ha	Target	257000	1	0.5	0.5	0.5	0.5
		Achievement						
		Status						
2	2a. % increase Irrigated Area in Ha (av. per season)	Target	200000	1	0.5	0.5	0.5	0.5
		Achievement						
		Status						
3	2b. Cropping Intensity(annual)	Target	1.7	1.7	1.7	1.7	1.9	1.9
		Achievement						
		Status						
4	3a Paddy output in MT-major Schemes	Target	5MT/Ha	5.5	5.5	6.0	6.0	6.0
		Achievement						
		Status						
5	3b Paddy output in MT-Med Schemes	Target	3.5MT/Ha	4.0	4.5	4.5	4.5	4.5
		Achievement						
		Status						
6	3c % increase in extent of other crops increased	Target	Present value=7000 Ha	2	2	2	2	2
		Achievement						
		Status						
7	5a. % increase in No of self employed (irrigated Agriculture)	Target	Present value =NA	Base line to be established	2	2	2	2
		Achievement						
		Status						
8	6a GDP per agriculture	Target	4.8	4.9	5.0	5.0	5.0	5.0
		Achievement						
		Status						
9	7a % Reduction of crop damage	Target	Present value =NA	Base line to be established	2	2	2	2
		Achievement						
		Status						
10	7b % reduction of property damage	Target	Present value =NA	Base line to be established	2	2	2	2
		Achievement						
		Status						
11	7c % Reduction of road impasses due to flooding	Target	Present value =NA	Base line to be established	2	2	2	2
		Achievement						
		Status						
12	7d % Reduction in social welfare expenditure	Target	Na	Baseline to be established	10	10	10	10
		Achievement						

		Status						
13	7e. % Reduction of water borne diseases	Target	Kidney disease prevalent	Baseline to be established	80	60	40	20
		Achievement						
		Status						

Thrust area 5 - Construction Consultancy Services provision

No	Key Performance Indicator	Status	Base line 2008	Targets / lead unit				
				2009	2010	2011	2012	2013
1	1a. % increase in Projects carried out locally in Nos and value	Target	144 Value=11420 Mn	2	2	2	2	2
		Achievement						
		Status						
2	1b. % increase in Consultancies carried out locally in Nos and value	Target	73 Value= = 1219 Mn	2	2	2	2	2
		Achievement						
		Status						
3	1c. % increase in No of consultancy assignments carried out- Foreign-in nos and value	Target	5 Value= USD 400000	2	2	2	2	2 on value
		Achievement						
		Status						
4	2a. % increase in projects carried out locally in nos and value	Target	144 Value=11420 Mn	2	2	2	2	2
		Achievement						
		Status						
5	2b. No of complaints received from clients	Target	Zero	Zero level To be maintained	Zero level To be maintained	Zero level To be maintained	Zero level To be maintained	Zero level To be maintained
		Achievement						
		Status						
6	3a. No of professionals sent abroad for projects undertaken	Target	4	6	8	10	12	14
		Achievement						
		Status						
7	3b.% increase in Gross Profit earned	Target	491 Mn	5	5	5	5	5
		Achievement						

		Status						
8	3c.% increase in Net profit earned	Target	121 Mn	5	5	5	5	5
		Achievement						
		Status						
9	3d. % increase in Foreign exchange earned and brought in direct	Target	2007=US D25000	2	2	2	2	2
		Achievement						
		Status						
10	4a. No of persons trained and developed	Target	160 ST+2 LT local 115 ST+1LT Foreign	2	2	2	2	2
		Achievement						
		Status						

Thrust area 6 – Effective Management of Ground water

No	Key Performance Indicator	Status	Base line 2008	Targets / lead unit				
				2009	2010	2011	2012	2013
1	1a % increase in Ratio of total ground water abstraction and recharge	Target	NA	Base line to be established	5	5	5	5
		Achievement						
		Status						
2	1b %decrease of Water level in Walawe basin	Target	Present level- Upper catchment 160m MSL Lower catchment -1m MSL	20	40	60	80	To be brought to static water level
		Achievement						
		Status						
3	1b %Reduction of Water level in other river basins	Target	NA	Base line to be established	20	40	60	80
		Achievement						
		Status						
5	2a. % increase of the levels of ground water quality in <ul style="list-style-type: none"> • Electrical conductivity • Anions, 	Target	Below std	Base line to be established	20	40	80	Fluoride levels, hardness nitrate to be brought to WHO

	<ul style="list-style-type: none"> • Cations, • Heavy metals • Flouridede • Hardness • Pesticide • Nitratesto WHO FAO stds							and FAC stds
		Achievement						
		Status						
6	2b. % Reduction of water borne diseases	Target	Kidney disease prevalent Base line to be established	80	60	40	20	disease s prevalence nil
		Achievement						
		Status						
7	2c.% Reduction in No of sources needing treatments (at points of abstraction)	Target	Nil	Data base to be developed	60	40	20	Treatm ent points to be zeroed
		Achievement						
		Status						
8	3a. Quantity of Exploitable resources	Target	Not available	-	-	Resourc e data base established	Update d	Update d
		Achievement						
		Status						
9	4a Availability og Ground Water resource data base	Target	Not availabl	-	-	Resourc e data base	Update d	Update d
		Achievement						
		Status						
10	4b. Database made available on the web	Target	Not available	-	-	Availab ility on the web	Update d	Update d
		Achievement						
		Status						
11	4c. Hit count	Target	Not available	-	-	Base line to be established	20% increas e	20% increas e
		Achievement						
		Status						

Thrust area 7 - Effective Rain Water Harvesting

No	Key Performance Indicator	Status	Base line 2008	Targets / lead unit				
				2009	2010	2011	2012	2013

1	1a. increase of new farmer families involved in homestead cultivation	Target	Not available – baseline to be established	250	300	400	500	550
		Achievement						
		Status						
2	2a. %Increase in to the Ground water Table in dry zone	Target	Not available	Base line to be established	5	5	5	5
		Achievement						
		Status						
3	2b. % reduction of incidence of drought damage minimized (no of families)-	Target	Not available	Base line to be developed	5	5	5	5
		Achievement						
		Status						
4	3a. % reduction in No of persons having renal diseases	Target	Not available	Base line to be developed	5	5	5	5
		Achievement						
		Status						
5	3b. % increase in no of points of collection of rain water	Target	Not available	Base line to be developed	5	5	5	5
		Achievement						
		Status						
6	4a. % of rain water utilization per total consumption	Target	Not available	Base line to be developed	5	5	5	5
		Achievement						
		Status						
7	4b.Nno of points of collection	Target	Not available	Base line to be developed	5	5	5	5
		Achievement						
		Status						

Thrust area 8 - Efficient and effective utilization of resources

No	Key Performance Indicator	Status	Base line 2008	Targets / lead unit				
				2009	2010	2011	2012	2013

1	1a. % increase in No. of employees trained	Target	Present level not available	Baseline to be established	5	5	5	5
		Achievement						
		Status						
2	1b. % Reduction of no. of complaints	Target	Present level not available	Baseline to be established	5	5	5	5
		Achievement						
		Status						
3	1c. % Reduction in absenteeism	Target	Present level not available	Baseline to be established	5	5	5	5
		Achievement						
		Status						
4	2a No. of employees trained	Target	NA	Baseline to be established	20%	40%	60%	All professionals
		Achievement						
		Status						
5	2b. Capital budget utilization Index	Target	50%	60%	65%	70%	80%	90%
		Achievement						
		Status						
6	3a. COPE and PAC queries reduced	Target	Na	zero	zero	zero	zero	zero
		Achievement						
		Status						
7	3b. No of audit queries reduced	Target	Na	zero	zero	zero	zero	zero
		Achievement						
		Status						

Abbreviations:

MIWM- Ministry of Irrigation and water Management

ID Irrigation Department

WRB- Water Resources Board

IMD- Irrigation Management Division

CECB- Central Engineering & Consultancy Bureau