



## **Blue Gold Program**

**Quarterly Progress Report (QPR) 01, 2015**

**01 January - 31 March, 2015**

**Embassy of the Kingdom of the Netherlands**

**Dhaka, Bangladesh**

**Bangladesh Water Development Board (BWDB)**

**Department of Agricultural Extension (DAE)**

**April 2015**



# Program Data

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Contractor	Euroconsult Mott MacDonald
Implementing Partners	Bangladesh Water Development Board (BWDB) Department of Agricultural Extension (DAE)
Contribution GoN	€ 15,750,000 to be administered by BWDB € 995,000 to be administered by DAE € 33,100,000 Technical Assistance
Contribution GoB	BWDB: € 7,499,000 DAE: € 356,000
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# Issue and Revision Record

<b>Revision</b>	<b>Date</b>	<b>Originator</b>	<b>Checker</b>	<b>Approver</b>	<b>Description</b>
1.0	15-05-2015	Blue Gold Team	Proteeti Masud; Dirk Smits	Dirk Smits	1 <sup>st</sup> Draft QPR 01, 2015
1.1	15-06-2015	Blue Gold Team	Proteeti Masud; Dirk Smits	Hero Heering	QPR 01, 2015

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# List of Abbreviations

ADP	Annual Development Plan
AEO	Agricultural Extension Officer
BWDB	Bangladesh Water Development Board
CAHW	Community Animal Health Worker
CBO	Community-Based Organisation
CDMP	Comprehensive Disaster Management Program
CDSP IV	Char Development and Settlement Project Phase IV
CEIP	Coastal Embankment improvement Project
CGIAR	Consultative Group on International Agricultural Research
CIMMYT	International Maize and Wheat Improvement Centre
CO	Community Organizer
CPWF	Challenge Programme on Water and Food (CPWF)
CSISA	Cereal Systems Initiative for South Asia
DAE	Department of Agricultural Extension
DAM	Department of Agricultural Marketing
DLS	Department of Livestock Services
DoC or DOC	Department of Cooperatives
DoF or DOF	Department of Fisheries
DP III	Department of Planning III
DPP	Development Project Proforma
DTL	Deputy Team Leader
EKN	Embassy of the Kingdom of the Netherlands
EMM	Euroconsult Mott MacDonald
FFS	Farmers Field School
FGD	Focus group Discussion
GAP	Gender Action Plan
GESAP	Gender Equality Strategy and Action Plan (of BWDB)
GoB	Government of Bangladesh
GoN	Government of the Netherlands
GPWM	Guidelines for Participatory Water Management
ha	Hectare
HH	Household
IFMC	Integrated Farm Management Component
IGA	Income Generating Activity
IPM	Integrated Pest Management
IPSWAM	Integrated Planning for Sustainable Water Management
IPSWARM	Guidelines for Integrated Planning for Sustainable Water Resources Management
IWM	Institute of Water Modelling
IWMI	International Water Management Institute
IWRM	Integrated Water Resources Management
LCG	Local Consultative Group
LCS	Landless/Labour Contracting Societies
LG	Local Government
LGED	Local Government Engineering Department
LGI	Local Government Institutions
M&E	Monitoring and Evaluation

MoU	Memorandum of Understanding
NGO	Non-Governmental Organisation
O&M	Operation and Maintenance
PCD	Project Coordinating Director
PD	Project Director
PDP	Polder Development Plan
PMC	Project Management Committee
PSC	Program Steering Committee
SDE	Sub-Divisional Engineer
SWAIWRPMP	Southwest Area Integrated Water Resources Planning and Management Project
TA	Technical Assistance
TL	Team Leader
TNA	Training Needs Assessment
TOT	Training of Trainers
UAO	Upazilla Agricultural Officer
UP	Union Parishad
WAP	Water Management Group Action Plan
VC	Value Chain
VCA	Value Chain Analysis
VCD	Value Chain Development
VCS	Value Chain Selection
WASH	Water Sanitation and Hygiene education
WMA	Water Management Association
WMG	Water Management Group
WMIP	Water Management Improvement Project
WMO	Water Management Organisation
WUR	Wageningen University and Research Centre
XEN	Executive Engineer (BWDB)
ZSEs	Zonal Socio-Economists



# 1. Program Highlights

## 1.1 General

### Blue Gold Program

- The first IMSC meeting took place on 15 January 2015.
- After consultations with the main stakeholders the Annual Plan 2015 was submitted to EKN on 11 February 2015.
- The Action Plan based on the recommendations of the first annual review mission (21 August – 06 September 2014) was updated and disseminated on 21 March 2015.
- EKN confirmed on 02 March 2015 that FAPAD Audit reports of both BWDB & DAE Components of Blue Gold Program for the period of 01 December 2013 to 30 June 2014 have been approved by EKN
- The registration of most of the existing WMG's with BWDB was completed in January 2015. The community mobilization team could therefore shift their focus towards the formation of WMG's in the new polders.
- The water management resources team was this quarter mainly occupied with assisting BWDB in supervision of implementation of earthworks by contractors and LCS. The presence of an intern from Technical University Delft was used to start a training of supervisory staff on quality control with a focus on compaction of embankments.
- Cooperation between Blue Gold and DAE remained complicated. A revision of the DPP for the DAE component is urgently required. Also, unclear financial procedures and reporting by DAE persisted..
- As a direct result of the successful registration of the existing WMG's training of WMG's in water management issues and in business planning (notably in organisational management and management of agricultural machineries) took off and gathered momentum
- Similarly, the completion of the registration paved the way for a renewed effort to compile the Polder Development Plans (PDP), based on the information collected by the staff of the different components. The PDP's for polder 22 and polder 43/2F will be completed in the next quarter and preparation of the PDP's for polder 43/2D and polder 30 will start.
- On 01 March 2015 the newly appointed Innovation Fund Manager joined the Blue Gold TA team. One of his first tasks is to update the procedures manual for the Innovation Fund in consultation with EKN.

## 1.2 Field Visits and Missions

**Table 1: Overview of external visits to Blue Gold during the period January to March 2015**

No.	Name of visitor	Designation	Purpose	Period
1.	Martina Groenemeijer	Wageningen University (WUR) intern	Community water management pilot in polder 30	01 Nov 2014 – 28 Feb 2015
2.	Kees Blok	Local Governance expert	Developing a guideline for involvement of Local Government Institutions in water management	06 – 27 February 2015




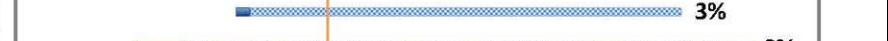




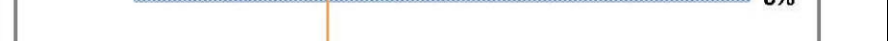









3.	Joris Obdam	Technical University Delft (TUD) intern	Internship on construction management and Quality Control in Patuakhali	15 February – 27 April 2015
4.	Tanja Laan	Project controller Euroconsult HQ	Internal control finance department	17 – 25 February 2015 (part-time)
5.	Hero Heering	Blue Gold Program Director	Back stopping plus institutional development support	25 February – 12 March 2015
6.	Kitty Bentvelsen	Sr. Gender Expert	Support to Gender Coordinator	18 March – 07 April 2015
7.	Judith de Bruijne	Jr. Water Resources Management specialist	Coordination of PDP process	Part-time from February 2015 onwards

### 1.3 Status of WMG & WMA Formation

Table 2: Status of WMOs - formed and registered in Blue Gold Polders Up to 31 March 2015

Sl. No.	Name of Polder	Nos. of WMGs			Nos. of WMAs		
		Proposed	Formed	Registered	Proposed	Formed	Registered
1	Polder 43/1A	14	14	13	2	0	0
2	Polder 43/2A	22	22	19	2	1	0
3	Polder 43/2B	28	28	28	3	3	0
4	Polder 43/2D	30	30	27	3	3	0
5	Polder 43/2E	12	12	12	2	2	0
6	Polder 43/2F	27	27	27	3	3	0
7	Polder 22	12	12	12	2	2	0
8	Polder 29	56	56	56	4	4	0
9	Polder 30	41	41	39	4	4	0
10	Polder 26	15	14	5	2	0	0
11	Polder 31 part	15	5	0	2	0	0
12	Polder 2	75	32	10	6	0	0
<b>Total</b>		<b>347</b>	<b>293</b>	<b>248</b>	<b>35</b>	<b>22</b>	<b>0</b>

### 1.4 Work Plan

ID	Activities/ Items	Quantity (Target)	Achievement upto Mar'15	Quantity (Plan 2014-15)	Achievement 2014-15 (march)	2013 2014 2015 2016 2017 2018 2019																									
						2013				2014				2015				2016				2017				2018				2019	
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2				
1	Polder Selection	26	12	2	0																										
2	WMG Formation	850	293	88	62																										
3	WMG Registration	850	248	330	248																										
4	Training for WMG Members	51000	1734	2074	1734																										
5	Embankment Resectioning	589	49	165	29																										
6	Embankment Retired	2	0.6	5	0.6																										
7	Canal Re-Excavation	854	6	48	0																										
8	Repair of Structures (Sluices)	239	0	7	0																										
9	Repair of Structures (Inlet/Outlet)	664	0	4	0																										
10	Construction/ Reconstruction of Structures																														
11	Sluices	11	0	0	0																										
12	Outlet	11	0	0	0																										
13	Inlet	11	0	0	0																										
14	LCS Group Formation	1500	219	158	143																										
15	LCS Group Training	1500	187	150	143																										
16	Farmers Field School Establishment-Agriculture	1000	120	125	75																										
17	Farmers Field School Establishment-Fisheries	200	44	48	44																										
18	Farmers Field School Establishment-Livestock	200	132	88	88																										

## 1.5 Main Outputs

### 1.5.1 Component 1: Community Mobilization and Institutional Strengthening

Table 3: Output Monitoring Progress Report up to March 31 2015

No.	Output Activities	Unit	Entire Project Target	Achievement up to December 31 2014	Progress in 1st Quarter (Jan-March 31 2015)	Total up to March 31 2015	Percentage completed
<b>WMG</b>							
1	Formation of WMGs (Total)	No.	850	277	37	314	37%
	WMGs Registration with BWDB	No.	850	184	64	248	29%
2	IPSWAM WMGs are existing and operational	No.	250	242	0	242	97%
	Male Members in WMGs	No.	na	27616			
	Female Members in WMGs	No.	na	16387			
3	New WMGs are established and operational	No. of new WMG	600	35	37	72	12%
	Male Members in WMGs	No.	na	5417	2742	8159	
	Female Members in WMGs	No.	na	3997	2401	6398	
4	% of WMG members are female	percentage	40%	38%	39%	39%	
5	% of all households are represented as member of the 850 WMGs	percentage	55%	45%	55%	55%	
6	Members in WMG Executive Committee	No. of EC	850	241	27	268	32%
		No. of Male	7140	1909	215	2124	30%
		No. of Female	3060	983	124	1107	36%
7	% of WMG EC members are female	percentage	30%	34%	34%	34%	
<b>WMG Micro-Credit</b>							
8	Total Capital (Tk) in WMGs	Tk.	na	14628652	1879208	16507860	
9	Total amount (TK) distributed for IGA	Tk.	na	7285831	779157	8064988	
10	WMG members who have taken credit	No.	na	1278	156	1434	
11	% of WMG's perform economic activities	percentage	30%	33%	31%	31%	
<b>WMA</b>							
12	WMAs are established and Operational	No. of WMA	135	0	10	10	7%
		No. of Male	1458	na		na	
		No. of Female	162	na		na	
13	% of female membership in WMA	percentage	10%	na			
<b>WMF</b>							
14	WMFs are established and Operational	No. of WMF	26	na		0	
		No. of Male	281	na		0	

		No. of Female	31	na		0	
15	% of female membership in WMF	percentage	10%	na		0	

### 1.5.2 Component 2: Water Resources Management

Table 4: Output Monitoring Progress Report up to March 2015

No.	Output Activities	Unit	Entire Project Target	Achievement up to December 31 2014	Progress in 1st Quarter (Jan-March 31 2015)	Total upto March 31 2015	Percentage completed
1	IPSWAM fine tuning polders included	No.	9	9			100%
		Area (ha)	45000	42168			
2	New fine tuning polders included	No.	12	0		0	0%
		Area (ha)	90000	0		0	
3	Rehabilitation Polders included	No.	5	3			60%
		Area (ha)	25000	20044			
4	% of all earthworks is done by LCS	percent	50%	61%	47%	47%	94%
5	% of LCS workers are female	percent	40%	39%	39%	39%	98%
6	No. of women are earning from LCS	No.	7500	1435	3341	4776	64%
7	Total Length of Re-sectioning - Embankments	KM	183.08	26.41			14%
	Total Length of Re-excavation - Canals	KM	53.055	6.40	2.87	9.27	17%
	Structure Repair/Construction- Sluice	No.	7	0		0	0%
	- Outlet	No.	3	0		0	0%
	- Inlet	No.	1	0		0	0%
8	O&M agreement signed with BWDB	No.	26	1			4%

#### 1.5.2.1 Environmental

Table 5: Environmental Output Monitoring Progress Report upto March 2015

No.	Output Activities	Unit	Entire Project Target	Achievement up to December 31 2014	Progress in 1st Quarter (Jan-March 31 2015)	Total upto March 31 2015	Percentage completed
1	Environmental Impact Assessment (EIA)	No.	26	5	0	5	19%
2	Issuance of Environmental Clearance Certificate (ECC) by DoE	No.	26	0	0	0	0%
3	Formulation of Community-Based Disaster Risk Reduction (CBDRR) Plan	No.	26	4	1	5	19%
4	Training course on DRR & Environment for Volunteers and UDMC (ENV+IS)	No.	26	0	2	2	8%
		No. of Male	na	0	44	44	
		No. of Female	na	0	26	26	

### 1.5.3 Component 3: Food Security and Agricultural Production

**Table 6: Output Monitoring Progress Report up to March 31 2015**

No.	Output Activities	Unit	Entire Project Target	Achievement up to December 31 2014	Progress in 1st Quarter (Jan-March 31 2015)	Total upto March 31 2015	Percentage completed	No.
1	FFS implemented by DAE	No. of FFS	1000	120	50	170	50 FFSs are running	17%
		No. of Male	25000	3000	1250	4250		
	-	No. of Female	25000	3000	1250	4250		
2	FFS implemented (Fish & Livestock) by TA	No. of FFS	400	176	88	264	88 FFSs are running	66%
		No. of male	5000	912	455	1367		
		No. of Female	5000	3488	1743	5231		
3	% of Female participation in FFS-DAE	Percentage	50%	50%	50%	50%		100%
4	% of Female participation in FFS-TA	Percentage	50%	69%	79%	79%		100%
5	Field day -TA	No. of field day	400	88	88	176		44%
		No. of Male	na	4245	4708	8953		
		No. of Female	na	6600	7976	14576		
		No. of Children	na	3008	2136	5144		
6	Demos, each including a field day, are implemented by DAE	No. of demos.	380	141	60	201		53%
7	Departmental trainers (DAE-DTs) trained to conduct FFS	No. of DTs	50	50				100%
8	Farmer Trainers (DAE-FTs) trained to conduct FFS	No. of FTs	150	0		0	No training held for FTs	

#### 1.5.4 Component 4: Business Development and Private Sector Involvement

Table 7: Output Monitoring Progress Report up to March 31 2015

No.	Output Activities	Unit	Entire Project Target	Achievement up to December 31 2014	Progress in 1st Quarter (Jan-March 31 2015)	Total upto March 31 2015	Percentage completed
1	Polder Master File	No.	12	6	3	9	75%
2	VC selection Matrix	No.	12	6	3	9	75%
3	Value Chain Analysis Completed	No.	8	2	0	0	25%
4	Basics of IGA management for members of WMG	WMG	50	0	0	0	0%
		No. of Male		0		0	
		No. of Female		0		0	
8	Mechanisation Service Training for WMG (MAM Training)	WMG	137	0	34	34	25%
		No. of Male		na		591	
		No. of Female		na		365	
9	Training on Credit and Savings for WMG	WMG	200	0	0	0	0%
		No. of Male		0	0	0	
		No. of Female		0	0	0	
10	Formation of Producer Group (PG)	No. of Group	200	0	40	40	20%
		No. of Male		0	818	818	
		No. of Female		0	182	182	
11	Training on Farmer Productivity (Crop Budgeting) for producer groups (PG)	PG	200	0	40	40	20%

### 1.5.5 Training Output Monitoring Progress Report up to March 312015

No.	Output Activities	Unit	Entire Project Target- No. of batches/sessions	Achievement upto December 31 2014			Total Achievement upto March 31 2015			Progress in 1st Quarter (Jan-March 2015)- No. of batches/sessions
				Male	Female	Total	Male	Female	Total	
1	Training on LCS work	No.	400	1835	1668	3503	5827	3743	9570	218
2	Training on Construction work Monitoring & Quality Control	No.	150	123	37	160	123	37	160	18
3	Blue Gold Orientation for UP Representatives	No.	60	200	85	285	222	178	400	14
4	Training on Organizational Management for WMG EC members, Potential leader and UP members	No.	425	709	278	987	1305	594	1899	27
5	Training on Management of Agricultural Machineries for WMG (part 1 & 2 and follow up)	No.	207	0	0	0	922	547	1469	50



## 2. Context

### 2.1 Program Rationale and Objectives

The goal of Blue Gold is to establish and empower community organizations/water management organizations (WMOs) to sustainably manage their water resources and to make these resources more productive. The Program aims to create strong and well-organised communities that will interact with public and private organizations that play a role in the development of the area. Participatory water resources management is the entry point and the initial driver of the community organization process. The explicit objective of Blue Gold is to reduce poverty of the people in the coastal areas by enhanced productivity of crops, fisheries and livestock and increasing incomes by improved processing and marketing of agricultural products including value chain development.

### 2.2 Overall and Specific objective(s) of the Blue Gold Program

The overall objective of the Blue Gold Program is:

*“to reduce poverty for 150,000 households living on 160,000 ha of selected coastal polders by creating a healthy living environment and a sustainable socio-economic development”.*

The specific objectives of Blue Gold are:

- i To protect the communities and their land located in polders against floods from river and sea (climate change adaptation) and to optimize the use of water resources for their productive sectors.
- ii To organise the communities in water management organizations and/or cooperatives which will be the driving force for the natural resources based development (agriculture, fisheries and livestock), whereby environment, gender and good governance are effectively addressed.
- iii To increase the household income derived from the productive sectors.
- iv To strengthen the institutional framework for sustained water resources development and related development services in the SW/SC coastal zones

### 2.3 Program Area

The Blue Gold Program covers a gross area of 160,000 ha of selected polders in the Districts of Satkhira, Khulna and Patuakhali.

Twelve polders have been selected so far and are included in the program for 2015. Moreover, four more polders will be selected during 2015.

## 2.4 Program Components

- 1 - Community Mobilisation and Institutional Strengthening
- 2 - Water Resources Management
- 3 - Food Security and Agricultural Production
- 4 - Business Development and Private Sector Involvement

In addition three other Dutch-funded projects are closely linked to the Blue Gold Program implementation:

- 1) The Sustainable Agriculture, Food Security and Linkages (SAFAL) project, developing value chains in the subsectors aquaculture, dairy and horticulture;
- 2) The Max Value for WASH project, aiming to provide 800.000 people in rural communities with safe drinking water and sanitation facilities, as well as hygiene education;
- 3) The BRAC WASH II program, providing improved access for all to safe drinking water, sanitation and hygiene education in polders 22, 29 & 30 of Khulna District;

## 3. Project Status

### 3.1 Program Management

Blue Gold is implemented by BWDB (Ministry of Water Resources) and DAE (Ministry of Agriculture). BWDB is the lead implementing Agency. Technical Assistance (TA) is provided through a consortium consisting of Euroconsult Mott MacDonald, the Netherlands (lead firm), Femconsult, the Netherlands, Mott MacDonald Bangladesh, Socioconsult (Bangladesh) and BETS (Bangladesh). Participation of other GoB institutions, notably the Department of Cooperatives (DoC), the Department of Fisheries (DoF) and the Department of Livestock Services (DoLS) is channelled through the TA contract.

Regular coordination meetings are held between EKN and Blue Gold TA management. Coordination with BWDB and DAE takes place on an ad-hoc basis, facilitated by shared offices in Motijheel (BWDB) and Khamarbari (DAE). Since March 2014 regular coordination meetings with BWDB are held in the Motijheel office.

#### 3.1.1 Organizational Issues

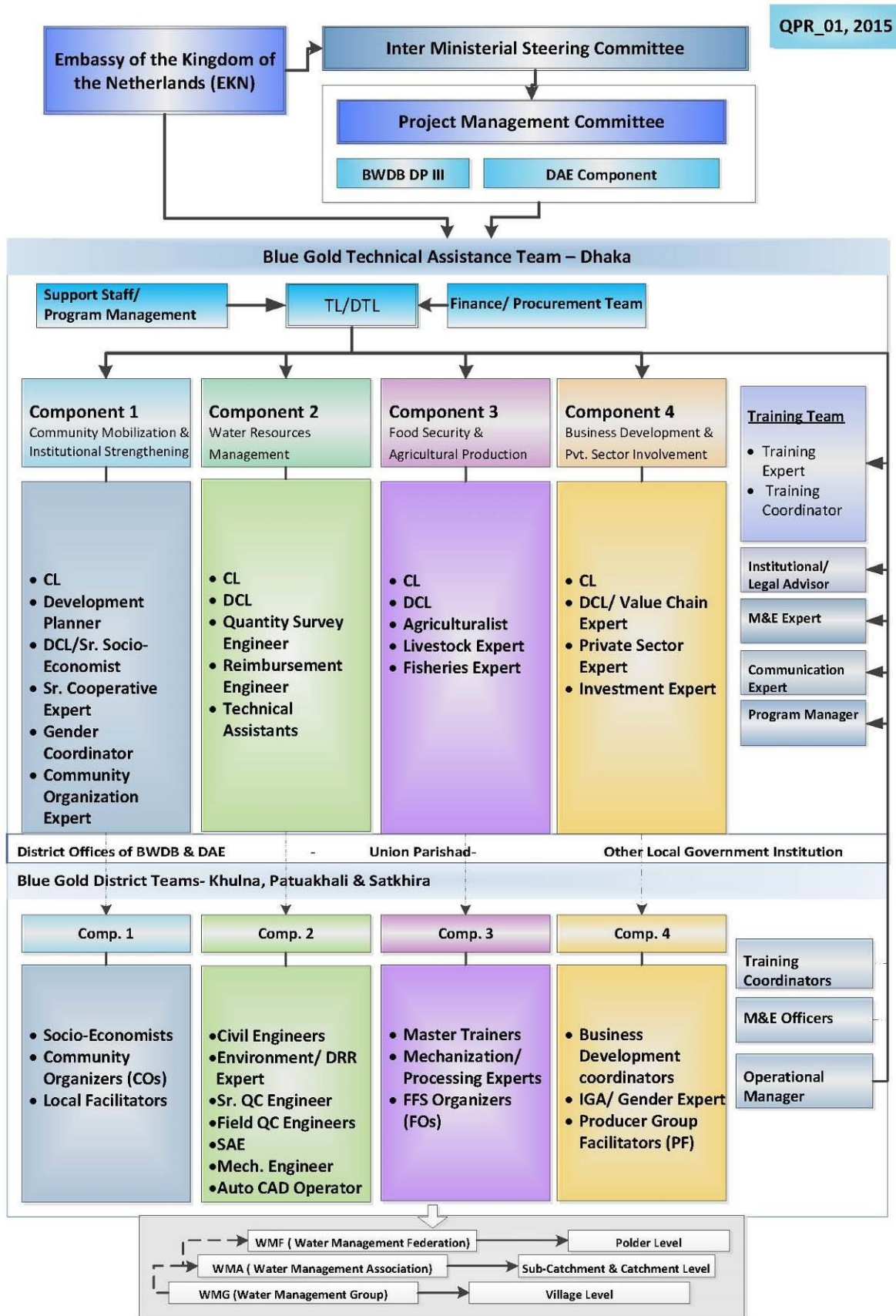
The Project Management Committee (PMC) is chaired by the Project Coordinating Director (PCD) of BWDB and consists of representatives from the Ministry of Water Resources (MoWR), Planning Commission, IMED and from the four executing Departments (Agriculture Extension, Fisheries, Livestock and Cooperatives). The TA Team Leader is the Secretary to the PMC. The office of the PCD serves as the Secretariat of the PMC. The PMC would aim to meet once a month but should at least meet every three months. No PMC meeting took place during this quarter.

The Inter Ministerial Steering Committee (IMSC) is chaired by the Secretary, Ministry of Water Resources and consists of representatives of the Ministries of Water Resources, of Agriculture, of Fisheries and Livestock and of Local Government Rural Development and Cooperatives. In addition, EKN, PCD and Team Leader TA Blue Gold are members of the IMSC. The IMSC will meet once a year. For a detailed list of the TOR of the IMSC and its members see DPP–Recast May 2013, Appendix 9.

The first IMSC meeting took place on 15 January 2015 in the Conference Room of the Ministry of Water Resources. Unfortunately no decisions were taken regarding the two main issues: (1) combining the separate IMSC's for the BWDB and DAE components of Blue Gold and (2) green light for revision of the DPP for DAE as well as for BWDB.

The minutes of the meeting are attached under Appendix 04

3.1.2 Organogram



### 3.1.3 Staffing

The following table shows the staffing in different Blue Gold offices as per 31 December 2014:

**Table 8: Update of staffing in different Blue Gold offices on March 2015**

Date	Dhaka	Khulna	Patuakhali	Polders	Total
31 December 2013	32	18	13	51	114
31 March 2014	38	20	14	51	123
30 June 2014	33	20	16	72	141
30 September 2014	35	23	21	72	151
31 December 2014	43	30	27	32	132
31 March 2015	42	28	29	32	131

### 3.1.4 Logistics

The three 4WD vehicles (Ford Everest) arrived by the end of January 2015.

As the Motijheel office is not safe, the option to establish a temporary joint office at the BWDB Green Road compound was explored. However, adding a fourth floor (11,000sqft) to the under-construction new WARPO building at the Green Road compound turned out too expensive and was therefore abandoned.

At the BWDB compound in Patuakhali there is insufficient office space to accommodate the growing staff numbers of the Blue Gold TA team. The XEN-in-charge of BWDB agreed to make additional rooms available which would be renovated with Blue Gold TA funds in 2015. This offer was later-on withdrawn because BWDB could not spare the extra rooms. A new proposal was made to erect a small new building with three rooms in front of the current office of the TA team. This option was accepted by all and a start was made during the quarter with the design of the building.

## 3.2 Component 1: Community Mobilization and Institutional Strengthening

### 3.2.1 Status Overview of Activities

The table below describes the overview of Component 1 Activities as mentioned in the Inception Report Work Plan with some modifications in the light of the new Participatory Water Management Rules 2014. Also presented is the status of Gender activities. The activities performed in the period January 1 to March 31, 2015 are as follows:

**Table 9: Status of component 1 activities (January-March 2015)**

No.	Planned Key Activity	Polder and/or Subject	Completion Schedule	Progress
<b>Component 1: Community Organisation and Institutional Strengthening</b>				
1.	Polder Selection	Remaining 14 polders	Early 2015	Jointly with Component 2, visited 3 potential (new) polders in Patuakhali (55/1, 55/2A, & 55/2C).
2.	Screening, hiring and orientation of COs and Local Facilitators (for new polders)	All polders	December 2015	Based on performance assessment, extended contract of 19 Local Facilitators (7 Female+ 12 Male) in Polders 31-part and 2.
3.	Community Immersion, social investigation/ data gathering and polder mapping	3 new polders	December 2016	Completed in Polders 26 and 31-part and progressing in Polder 2.

4.	Information dissemination/ campaigns	3 new polders	May 2017	Completed in Polders 26 and 31-part and progressing in Polder 2.
5.	Catchment Level Needs Assessment and Validation by WMAs	12 Polders	December 2016	Not planned this quarter
6.	WMG Action Plan formulation	12 Polders	December 2017	54 WMGs formulated WAP
7.	Strengthening/ capacity building of WMOs	242 WMGs in 9 IPSWAM polders	December 2018	a) 149 WMGs held new elections of Executive Committees; b) 143 WMGs achieved membership enrolment of at least 55% of households and average, membership of women is 39%; c) Organizational Management (OM) and Management of Agricultural Machineries (MAM) training programs for WMGs have been initiated.
8.	WMG Formation in New Polders	3 new polders	December 2017	51 WMGs formed in the 3 new polders, including 35 this quarter.
9.	WMG Registration	12 Polders	December 2018	Number of registered WMGs as of this quarter: 126 in Patuakhali; 112 in Khulna; and 10 in Satkhira..
10.	WMA Formation	12 Polders + 3 New polders	Early 2018	<u>9 IPSWAM Polders</u> :15 WMAs formed this quarter. <u>New Polders</u> : No WMA formed yet.
11.	Formation of Monitoring Committees (MCs) jointly done with C2	9 IPSWAM Polders + 3 New polders	December 2017	<u>9 IPSWAM Polders</u> : 27 MCs formed at WMA level <u>New Polders</u> : 4 MCs formed
12.	Mobilization of WMGs to organize, train and mobilize LCS groups for earthwork (jointly done with C2 and Training Unit)	All Polders	December 2017	127 LCS Groups were formed
13.	<p>Other Activities:</p> <ul style="list-style-type: none"> <li>• Participated in UP Orientation conducted in Brammarazapur and Dhulihor Unions in Polder 2</li> <li>• Participated in Sharing Session on ODK Outcome Monitoring Results in Khulna and Patuakhali.</li> <li>• Conducted orientation session for COs on WMG Accounts Keeping System in Patuakhali</li> <li>• Participated in EKN Coordination Meetings</li> <li>• Participated in Coordination Meetings with BWDB DP-III Planning Team</li> <li>• Conducted Experience Sharing Workshop on WMO Formation Process with BWDB DP III Planning and CWM officials and staff on March 11, 2015</li> <li>• Jointly with Component 4, participated in evaluating firms related to outsourcing of Savings and Credit Training Program for WMGs and in contract briefing/meeting with the winning firm (Matrix)</li> <li>• Arranged meeting of M&amp;E team with Gangarampur WMG EC, UP Chairman and members in Polder 30.</li> <li>• Participated in the visit of PCD with DTL and DCL-C2 to Patuakhali and Polders 31-part and 29 in Khulna</li> <li>• Participated in the Organizational Management Training for 48 WMGs</li> <li>• Coordinated with DCEO in Jessore concerning WMG registration</li> <li>• Collaborated with Component 4 and Training Unit on Management of Agricultural Machineries Training</li> </ul>			

and in formulating standard accounts keeping system for WMOs <ul style="list-style-type: none"> <li>• Participated in Community Water Management Pilot activities in Fultala, Polder 30 in Khulna District</li> <li>• Participated in Blue Gold Program Village Mela activities held at Deluti UP Complex (Polder 22) and Gangarampur UP Campus (Polder 30)</li> <li>• Participated in Blue Gold Program Retreat 2015</li> <li>• Participated in the monthly coordination meetings of ZSEs and COs</li> </ul>
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**Table 10: Status of Gender Activities (Jan-Mar. 2015)**

No.	Planned Key Activity	Polder and/or Subject	Completion Schedule	Progress
1.	Information Dissemination presentation of Anti-Harassment Policy of Blue Gold program among all Staff	All the staff in Dhaka and District Offices	February 2015	5 January 2015: All Support Staff of Blue Gold Dhaka Office 28 January 2015: All Technical Staff of Blue Gold Khulna Office 25 February 2015: All COs of Blue Gold in Khulna and Satkhira 26 February 2015: All FOs of Blue Gold in Khulna
2.	Workshop on Gender Orientation and Awareness among all COs and FOs	All the COs in Khulna and Satkhira Office	February 2015	2 workshops conducted last February 2015 in Khulna
3.	Develop and conduct a module for all the Blue Gold Field Staff (COs and FOs) on Gender Orientation and Awareness	Module for all the COs and FOs on Gender Orientation and Awareness	March 2015	Two modules developed for the COs and FOs and conducted two workshops for Khulna COs and FOs
4.	Revision of Gender and Leadership Training Module of IPSWAM	Module for the participants of Gender and Leadership Training	January 2015	Gender and Leadership Training Module revised.
5.	Monitoring LCS Group Formation along with Training	Formation of LCS Female Group and LCS Training for men and women group in Khulna	Yearly (October/November)	Monitored male and female LCS Group Training in Khulna and observed one female LCS group formation in Khulna last January 2015
6.	Increase gender awareness of WMG members	FGD with female and male WMG members in Polder 2 in Satkhira	2017	4 FGDs conducted with the female and male WMG members in Polder 2 and 31-Part

The major tasks this quarter in the 3 new polders focused on identifying WMG boundaries, initiating formation and registration of new WMGs in earthwork areas programmed for 2014/2015 implementation and LCS group formation and training. In the 9 fine tuning polders, the major tasks were: completing WMG registration of remaining WMGs, identifying WMA boundaries, initiating WMA formation activities, LCS group formation and training, and strengthening and capacity building activities for WMGs.

Strengthening and capacity building of existing WMGs continued to be the major activity in the 9 fine tuning polders. Reformation of existing Water Management Groups (WMGs) with formation of Ad Hoc Committees and election of new Executive Committees was the focus of the strengthening activity. Other WMO strengthening activities undertaken by the COs included the following: mobilizing WMG ECs to increase membership enrolment (at least 55% of households); participating in follow-up

sessions for WMGs relating to MAM training; participating in the WAP formulation session during OM training; providing support to problematic WMGs in updating and maintenance of books of accounts and records. In the 3 new polders (Polders 26, 31-part and 2), the following were the main activities: initiating consultation process/meetings in delineating WMG boundaries and mobilization of key contact persons/leaders to initiate WMG formation activities e.g. ad hoc committee formation, membership enrolment, by-laws formulation and election of Executive Committee. Conducting information campaigns, Identification of villages and households and listing potential WMG members continued in Polder 2 during this quarter.

### 3.2.2 Cooperation with Other Projects

Table 11: Component 1 cooperation with other projects

Organisation	Related Project/ Programme	Contact Made	Potential for collaboration
FAO	Enhancing Food Security	Dr. Abdul Aziz, National Coordinator & F.K.Mohibullah, Field Monitoring Associate	Information on contact person at FAO who is responsible for repair of distributed farm machineries. Interactions with FAO in the field regarding status of the management of the agricultural machineries by WMGs.
CGEIS	EIA	Dr. Ashraf Alam, EIA Study Leader and Wazi Ullah, Executive Director	Helped organized public consultation meeting with WMG and UP representatives in Shovna Union & Sarafpur Union in Polder 29. Follow-up on EIA status.
IWM	Community Water Management Pilot	Zahir Khan, Head of modelling division	Design of proposed khal and public opinion. Follow-up and feedback relating to community water management pilot activities in Polder 30
Delta Plan, IRRI and CGEIS			Participated in experience sharing workshop of Southeast and ASEAN countries regarding Delta Plans
ERD and FAO	Gender	Sultana Afroz, Joint Secretary and Gender Focal Point	Participated in the celebration of International Women's Day: Empower Women to Achieve Food and Nutrition Security
BRAC	WASH	Rezaul Karim, Head of WASH Program	Follow-up on community based water supply in Polder 22 and 30.
GWA	GWAPB	Joke Muylwijk, Rokeya Khatun	Discussing potential role of GWA on updating Gender Equity Strategy and Action Plan (GESAP) of BWDB
PROOFS/ Edukans	PROOFS-VET	Fedde Potjer, Erica Burggraaff and Kate Czaplicka	Discussing potential collaboration in providing vocational training for youth in Blue Gold Polders
WorldFish	Research on women managed small household ponds	Dr. Binoy Barman	This research is funded by Blue Gold's innovation fund. Purpose of the visit was to discuss specially women empowerment and nutrition related issues in the research.



IRRI/WorldFish	Polder Community Water Management	Dr. Rita Sen	The discussion topic was about the gender issues in the research which will be done in Polder 30 of Blue Gold. Cooperation is desirable from Blue Gold in this purpose.
GWA	GWAPB	Joke Muylwijk, Rokeya Khatun, Nazmun Nahar	Follow- up of previous meeting and also discussion on other issues like: indicators of Blue Gold Gender activities for the project of GWA.

### 3.2.3 Next Quarter Planning (April-June 2015)

Table 12: Component 1 next quarter planning

No.	Planned Key Activity	Polder and/or Subject	Completion Schedule	Progress Envisaged
1.	Participate in Polder Selection	All Polders	Early 2015	Evaluation and final selection of 3 new polders in Patuakhali and Sathkira (joint activity with C2).
2.	Screening, Hiring and orientation of COs and Local Facilitators (for new polders)	All polders	December 2015	Redeployment/hiring and orientation of Community Organizers/Local Facilitators in 3 new polders of Patuakhali and Sathkira upon selection
3.	Community Immersion, social investigation/ data gathering and polder mapping	New polders	December 2016	To be completed in 3 WMG areas of Polder 2. To start in 3 new polders if selected next quarter
4.	Catchment Level Needs Assessment and Validation by WMAs	New polders	December 2016	None planned for next quarter
5.	Information dissemination/ campaigns	New polders	May 2017	To continue in Polder 2 and to be started in 2 new polders if selected.
6.	WMG Formation	New Polders	December 2016	32 WMGs: Polder 31-part (8 WMGs) and in Polder 2 (24 WMGs).
7.	WMG Action Plan Formulation	All polders	December 2017	WAP to be formulated by 138 WMGs
8.	Strengthening/ capacity building of WMOs	9 IPSWAM Polders + 3 New Polders	December 2018	In the 9 IPSWAM polders focus will be on: reviewing and ratification of by-laws; membership enrolment; completion of elections of Executive Committee (EC) in existing WMGs; improve accounts keeping system; and jointly with Training Unit and C4--continue with OM and MAM training and start conducting the Financial Management System (FMS) Savings and Credit (S&C) Training modules for WMGs
9.	Formation of Water	9 IPSWAM	December	Remaining 12 WMAs to be formed in 9

	Management Associations (WMAs)	Polders + 3 New Polders	2017	IPSWAM and 2 WMAs in Polder 26
10.	Mobilize WMGs to organize, train and mobilize LCS groups and mobilize for earthwork	9 IPSWAM Polders + 3 New Polders	December 2017	Remaining LCS groups to be mobilized
11.	Form and train WMO Monitoring Committees	9 IPSWAM Polders + 3 New Polders	December 2017	Depending on BWDB decision, Polder wise MCs may be formed
12.	Mobilize WMO Monitoring Committees for earthwork	All Polders	December 2017	Existing MCs will be mobilized
13.	Registration of WMGs with BWDB	9 IPSWAM Polders + 3 New Polders	December 2017	38 WMGs in new polders

Table 13: Gender next quarter planning

No.	Planned Key Activity	Polder and/or Subject	Completion Schedule	Progress Envisaged
1.	Workshop on Gender Orientation and Awareness including the information dissemination of Anti-Harassment Policy of Blue Gold program among all the FOs and PFs	All the FOs and PFs in field level	2015	Workshop to be conducted to FOs in Patuakhali by June 2015
3.	Conduct FGDs to increase the gender awareness among all the members of WMGs in Patuakhali and Khulna	All WMGs	2017	FGDs will be conducted with female and male members in 10 WMGs (Patuakhali and Khulna)
4.	Finalization of Gender and Leadership Training Module	All Polders	2015	Gender Training module completed by June 2015
5.	Identify a suitable provider for vocational training in rural areas and start planning	Polder areas in Khulna and Patuakhali	2015	Needs assessment and action research to be initiated by June 2015
6.	Monitor the LCS earthwork	All Polders	Yearly (October/November)	Monitor the LCS Group earth work in Patuakhali and Khulna
7.	Update Gender Equity Strategy and Action Plan (GESAP) of BWDB	BWDB	mid-2016	Procedure for updating GESAP and TOR for national expert completed and submitted by June 2015
8.	To increase gender awareness among the participants of MFS Gender Session will be conducted regularly	All Polders	2017	Gender Session will be conducted in 20 MFS groups in Khulna.

### 3.3 Component 2: Water Resources Management

#### 3.3.1 Status Overview of Activities

The table below describes the Component 2 Activities during the period January – March 2015

**Table 14: Status of Component 2 Activities (January – March 2015)**

No.	Planned Key Activity	Polder and/or Subject	Completion Schedule	Progress
<b>1. Polder Selection</b>				
1.1	Final selection of non-IPSWAM polders	55/1, 55/2C, 55/2A	-	In Progress
<b>2. Preparation of Implementation Plan for 2015-16</b>				
2.1	Preparation of Implementation plan for 2015-16	12 polders	-	Done
<b>3. Physical Survey &amp; Assessment of Rehabilitation Works</b>				
3.1	Topographical Survey, Final Analysis and Reporting (Embankment)	43/1A, 43/2A, 43/2B, 43/2E, 26, 29, 31-part, 2	Jan - Feb 2015	Reporting In progress
3.2	Topographical Survey, Final Analysis and Reporting (Canal)	43/2E, 43/2B, 43/1A, 43/2A, 29, 31-part, 26 & 2	Jan - Feb 2015	Survey In Progress
3.3	Assessment of rehabilitation works & costs for earthwork; part	43/1A, 43/2A, 43/2E, 43/2B, 31-part, 26, 29 & 2	Jan - Mar 2015	In Progress
3.4	Assessment of rehabilitation works for structures; part	43/2A, 43/2D, 43/2F, 22, 30	Mar 2015	In Progress
<b>4. Design &amp; Estimate Submission by BWDB Field Office</b>				
4.1	Earthwork in embankment repair and construction	43/2B, 43/2E	Jan 2015	43/2B (part); 43/2E (not submitted)
4.2	Earthwork in canal excavation	43/2A, 43/2D, 43/2E	Jan 2015	43/2A(part); 43/2E, 43/2D (not submitted)
4.3	Repair/ Construction of Structures for 2015-16 (part)	12 polders	Jan 2015	Not submitted
<b>5. Estimate Vetting by TA Team</b>				
5.1	Design and estimate vetting for earthwork (embankment) for 2014-15 & 2015-16	43/2B, 43/2E	Jan 2015	43/2B (done); 43/2E (not submitted)
5.2	Design and estimate vetting for earthwork (canal) for 2014-15 & 2015-16	43/2A, 43/2D, 43/2E	Jan 2015	43/2A (done), 43/2D, 43/2E (not submitted)
5.3	Design and estimate vetting for structures	43/2D, 43/2F	Jan 2015	Not submitted
<b>6. Tendering by BWDB</b>				
6.1	Tendering for earthwork	2, 26, 29, 30, 31-part, 43/2A, 43/2B, 43/1A, 43/2D, 43/2F	Mar 2015	Done
6.2	Tendering for structures	22,30, 43/2D, 43/2A, 43/2F	Mar 2015	22, 30 (Done)
<b>7. LCS Training &amp; Formation</b>				
7.1	Formation of LCS	2, 26, 29, 30, 43/1A, 43/2A, 43/2B, 43/2F	Jan - Mar 2015	Done for 144 LCS
7.2	Training of LCS	2, 26, 29, 30, 43/1A, 43/2A, 43/2B, 43/2F	Feb - Mar 2015	Done for 144 LCS
7.3	Formation & Training of Monitoring Committees	2, 22, 26, 29, 30, 31-part, 43/1A, 43/2A, 43/2B, 43/2F	Mar 2015	Delayed as WMA formation were delayed
<b>8. Implementation of Rehabilitation Works 2014-15</b>				
8.1	Earthwork in embankment repair and construction	43/2A, 43/2F, 43/2D, 22, 26, 29, 30, 31-part & 2	Jan - Mar 2015	In progress
8.2	Earthwork in canal re-excavation	29, 30, 22	Jan - Mar 2015	In progress
8.3	Repair/ Construction of structures	30, 22	Mar 2015	In Progress
8.4	Monitoring and quality control of rehabilitation works	43/2A, 43/2F, 43/2D, 22, 26, 29, 30, 31-part & 2	Jan - Mar 2015	In Progress

9. Field Visits				
9.1	Field visit for selection of new polders	55/1, 55/2C, 55/2A	Jan - Mar 2015	Done
9.2	Field Visit with mission from DWA	Khulna, Satkhira	Jan 2015	Done
9.3	Field visit for LCS Training	43/1A, 43/2A, 43/2B, 43/2F, 26, 29, 30 & 2	Jan - Mar 2015	Done
9.4	Field visit for monitoring and quality control of rehabilitation works	43/2A, 43/2D, 43/2F, 22, 26, 29, 30, 31-part & 2	Jan - Mar 2015	Done
10. QGIS Training				
10.1	Data Collection from WARPO and other Govt. agencies	For 4 coastal Districts	Jan - Mar 2015	In progress
10.2	Structuring/ Screening necessary data	For Blue Gold Program Areas	Jan - Mar 2015	In Progress
10.3	Training on QGIS	For Blue Gold Program Staff	Feb 2015	To be done
11. Other Activities				
11.1	Design for WMG Centers; preparation to start construction	22	Feb 2015	Delayed; In Progress
11.2	Polder Development Plan	43/2D, 30	Mar 2015	In Progress
11.3	Cost analysis for different development scenarios	Blue Gold Polders	-	Done
11.4	Design & Estimation for Patuakhli Office Extension	Patuakhali	-	In Progress
11.5	Finalization of plan, design and cost estimate for CoWM pilot	30	-	Done
11.6	Study on river bank erosion (outsourced to IWM)	29	-	In Progress

### 3.3.2 Implementation Works

Due to the new BWDB rules for registration of WMGs, LCS formation and training has been delayed. This resulted in late start of the implementation of earthworks in 2015. Also the work order to LCS has been delayed, so work could not be started in all the polders by LCS.

Till March 2015, LCS started earthwork in polders 26(embankment) and 29 (embankment and canal). Contractors started earthwork for embankment in polders 2, 26, 29, 31-part, 43/2A and for canal in polder 29. No work started in polders 43/2B and 43/1A yet but is expected to start by first week of April. In polder 31-part, no LCS work can be started this year as no WMG could be registered and therefore no LCS could be formed and trained. Repair of structures in polders 22 & 30 has been started by the contractors.

Carried over works from 2013-14 have been started in polders 22 and 30 but in 43/2D and 43/2F, LCS could not start work as their contract time was not extended by BWDB. However it is expected that they will start work once their time is extended.

Details of the implementation works in 2014-15 are given below:

Polder	Type of Work	Estimate Submitted by BWDB (Tk.)	Estimate Vetted by TA Team (Tk.)	Length		No. of LCS		No. of Contractors	
				No.	Units	Total	Work started	Total	Work started
2	Embankment Re-sectioning	24,780,186	24,441,057	3.90	Km	19	0	1	1
22	Repair of structure	6,175,426	5,888,912	06	Nos.	-	-	1	1
26	Embankment Re-sectioning	31,580,521	31,112,972	10.69	Km	20	10	2	2
29	Retired Embankment*	11,124,727	11,124,727	1.9	Km	0	0	0	0

	Embankment Re-sectioning	19,867,223	18,815,007	16.382	Km	12	12	1	1
	Khal Re-Excavation	29,023,523	23,190,288	09	Nos.	14	14	2	2
<b>30</b>	Repair of Structure	7,688,171	7,384,181	05	Nos.	-	-	1	1
<b>31-part</b>	Embankment Re-sectioning <sup>#</sup>	28,678,437	28,456,318	8.922	Km	0	0	3	3
<b>43/1A</b>	Embankment Re-sectioning	25,666,165	25,640,017	18.42	Km	17	16	2	0
<b>43/2A</b>	Embankment Re-sectioning	58,451,636	39,791,349	30.79	Km	30	0	4	4
	Khal Re-Excavation**	14,208,000	2,845,645	04	Nos.	0	0	0	0
<b>43/2B</b>	Embankment Re-sectioning	16,436,008	16,436,008	11.09	km	13	12	2	0
<b>43/2F</b>	Khal Re-Excavation	10,244,919	2,639,430	02	Nos.	2	0	0	0

\* No work could be started due to land unavailability

# LCS could not be formed as no WMG was registered due to local conflict

\*\* Action plan not approved

### 3.3.3 Cooperation with other projects

Table 15: Component 2 Cooperation with other projects

Organisation	Related Project/ Programme	Contact made	Potential for collaboration
<b>Nelen &amp; Schuurmans</b>	GIS Company in the Netherland	Bastiaan Roos, GIS Expert	Setting up web-based GIS for Blue Gold program (under innovation fund)
<b>IRRI, IWM</b>	Challenge Program for Food & Water (CPWF)	Monoronjan Mandal, Zahir Uddin.	Pilot project on sub-poldering and on-farm water management in polder 30.
<b>Dhaka University, Acacia Water</b>	MAR Project	Dr. Matin, Albert Tuinhof, Seger Burger, Prof. Sarmin	Potential cooperation in Managed Aquifer Recharge for drinking and irrigation water supply between Acacia and Blue Gold program.
<b>Deltares, The Netherlands</b>	Innovative water management like pumped drainage	Toine Vergroesen, Hydrologist	Feasibility study for pumped drainage in polder 2, Satkhira and polder 31-part, Khulna
<b>GIZ</b>	Improved Cooking Stoves (ICS)	Md. Kamal Hossain	On how Blue Gold and GIZ project could cooperate
<b>Dutch Water Authorities (DWA)</b>	Innovative Structure Design and Land Use Planning	Michael Bentvelsen, Henk Weijers, Michiel Boom	On how DWA can help and assist BWDB

### 3.3.4 Next Quarter Planning (April - June 2015)

Table 16: Component 2 Next Quarter Planning

No.	Planned Key Activity	Polder and/or Subject	Completion Schedule	Remarks
<b>1. Polder Selection</b>				
1.1	Final Selection of 2 new non-IPSWAM polders	55/2A, 55/2C	Apr - Jun 15	55/1 not suitable
<b>2. Catchment Area Identification</b>				
2.1	Catchment Area Identification & Identification of Hydrological Boundaries	26, 31-part, 2	May - Jun 15	

<b>3. Physical Survey, Design Data Collection &amp; Assessment of Rehabilitation Works</b>				
3.1	Topographical Survey- Final Analysis and Reporting (Embankment)	43/1A, 43/2A, 43/2B, 43/2E, 26, 29, 31-part, 2	Apr - Jun 15	
3.2	Topographical Survey, Final Analysis and Reporting (Canal)	43/1A, 43/2A, 43/2B, 43/2E, 26, 29, 31-part, 2	Apr - Jun 15	
3.3	Design Data Collection for Rehabilitation works (outsourcing) (part)	12 polders	Apr - Jun 15	for 2015-16
3.4	Assessment of rehabilitation works & costs for earthwork (embankment) (part)	12 polders	Apr - Jun 15	for 2015-16
3.5	Assessment of rehabilitation works & costs for earthwork (canal) (part)	12 polders	Apr - Jun 15	for 2015-16
3.6	Assessment of rehabilitation works for structures; (part)	12 polders	Apr - Jun 15	for 2015-16
<b>4. Design &amp; Estimate Submission by BWDB Office</b>				
4.1	Earthwork in embankment repair and construction; part	Not planned	Apr - Jun 15	for 2015-16
4.2	Earthwork in canal re-excavation; part	Not planned	Apr - Jun 15	for 2015-16
4.3	Repair/ Construction of Structures; part	Not planned	Apr - Jun 15	for 2015-16
<b>5. Estimate Vetting by TA Team</b>				
5.1	Design & Estimate vetting for earthwork (embankment)	Not planned	Jun 15	for 2015-16
5.2	Design & Estimate vetting for earthwork (canal)	Not planned	Jun 15	for 2015-16
5.3	Design & Estimate vetting for structures	Not planned	Jun 15	for 2015-16
<b>6. Tendering by BWDB</b>				
6.1	Tendering for earthwork and structures; part	Not planned	Jun 15	for 2015-16
<b>7. Implementation of Rehabilitation Works 2014-15</b>				
7.1	Earthwork in embankment repair and construction; part	43/1A, 43/2A, 43/2B, 43/2D, 43/2F, 22, 26, 29, 30, 31-part & 2	Jun 15	
7.2	Earthwork in canal re-excavation; part	22,29, 30	Apr - May 15	
7.3	Repair/ Construction of Structures; part	22, 30	Apr - Nov 15	
7.4	Monitoring and quality control of rehabilitation works	43/1A, 43/2A, 43/2B, 43/2D, 43/2F, 22, 26, 29, 30, 31-part & 2	Apr - Jun 15	.
<b>8. Field Visits</b>				
8.1	Field visits for monitoring and quality control of rehabilitation work	43/1A, 43/2A, 43/2B, 43/2D, 43/2F, 22, 26, 29, 30, 31-part & 2	Apr - May 15	
8.2	Field visit for catchment area identification	26, 31-part, 2	May - Jun	
8.3	Field visit for selection of polder	55/2A, 55/2C	May - Jun	
8.4	Field visits for other related works	12 polders + 2 new polders	Apr - May 15	
<b>9. QGIS Training</b>				
9.1	Structuring/ Screening necessary data	For Blue Gold Program Areas	Jun 15	
9.2	Training on QGIS	For Blue Gold Program Staff	Jun15	
<b>10. Others</b>				
10.1	Polder Development Plan	43/2D, 30, 22, 43/2F	Apr - Jun 15	
10.2	Preparation of Rehabilitation Budget for 2015-16	12 polders	Apr - Sep 15	

### 3.3.5 Environment & DRR

The table below provides an overview of Environment & DRR activities carried out in the period January – March 2015.

**Table 17: Environment & DRR Activities January to March 2015**

No.	Planned Key Activity	Polder and/or Subject	Completion Schedule	Progress/Remarks
<b>Environment</b>				
1	Assist CEGIS during EIA study	43/1A, 43/2B, 43/2E, 26, 29, 31/part and 2	Jan - Mar 2015	In progress
2	UP Orientation (Environmental and DRR Issues)	2	Feb-15	Done
3	Awareness meeting on Improved Cooking Stoves (ICS) with COs	-	Mar-15	In progress
<b>Disaster Risk Reduction (DRR)</b>				
4	Follow up implementation of solar desalination panels and other renewable energy initiatives	22	Jan-15	In progress
5	Selection of Community DRR volunteers	43/2F	Mar-15	done
6	Collaboration, supervision and monitoring of DRR training organized by "Shushilan"	22	Feb-15	done

### 3.3.6 Next Quarter Planning (April - June 2015)

No.	Planned Key Activity	Polder	Completion Schedule
<b>Environment</b>			
1.	Assist CEGIS during EIA studies	43/1A, 43/2B, 43/2E, 26, 29, 31/part and 2	April-June 2015
2.	Development of "Sustainable Environmental Management Plan" (SEMP) framework for polders	Next 2 IPSWAM Polders	April-June 2015
3.	Information collection on ICS user and respective organizations	Blue Gold polders	Apr-15
4.	Conducting workshops at WMA level on "SEMP" implementation	22	April-June 2015
5	UP Orientation (Environmental and DRR Issues)	Blue Gold polders	April-June 2015
<b>Disaster Risk Reduction (DRR)</b>			
6	Selection of Community DRR volunteers in polder	43/2D	April-June 2015
7	Coordination and follow up with NGO for outsourcing training of Community volunteers on DRR	DRR, Polder 43/2F	April-June 2015
8	Conducting workshops at Union level to build awareness on DRR	DDR, Polder 43/2F	April-June 2015

### 3.3.7 Staff Changes

Office of S.M. Saiful Islam, Civil Engineer, Satkhira has been relocated into Satkhira office from Khulna office and Md. Aman Ullah, Sub-Assistant Engineer has been transferred from Khulna to Satkhira as field quality control engineer. Also, 12 supervisors have been appointed in the 12 polders in 3 districts. These supervisors will supervise specific construction activities as estimated by QCEs during the construction season only (February - June 2015).

### 3.4 Component 3: Food Security and Agricultural Production

#### 3.4.1 Status Overview of Activities

The below table shows the status of Component 3 activities over the period January-March 2015 according to annual plan and revised planning of additional activities.

**Table 18: Status of component 3 activities**

No.	Planned Key Activity	Polder and/or Subject	Completion Schedule (with comments)	Progress
<b>Component 3: Food Security and Agricultural Production</b>				
<b>Third cycle FFS</b>				
	88 FFS (winter vegetables, poultry, nutrition)	29, 30, 43/2A, 43/2D, 43/2E, 43/2F)	May 2015 (completed end March)	100%
	88 field days at end of third cycle FFSs	29, 30, 43/2A, 43/2D, 43/2E, 43/2F)	April 2015	100%
<b>Fourth and Fifth cycle FFS</b>				
	40 FFS poultry, summer vegetables in Khulna (cycle 4)	22, 29, 30	September 2015 (starting end March)	5%
	48 FFS fish (including Tilapia) in Patuakhali (cycle 5)	43/1A, 43/2A, 43/2B, 43/2D, 43/2F	November 2015 (starting end March)	5%
<b>FFS follow up workshops (for FFS contact persona)</b>				
	1 Workshop Cycle 1 FFS Patuakhali	43/2D, 43/2F	January 2015 (done February)	100%
	1 Workshop Cycle 1 FFS Khulna	22, 30	January 2015 (done February)	100%
	1 Workshop Cycle 2 FFS Patuakhali	43/2D, 43/2F	February 2015	100%
	1 Workshop Cycle 2 FFS Khulna	22, 30	February 2015	100%
<b>Market Oriented Farmer Field Schools (Component 3 &amp; 4 jointly)</b>				
	20 MFS mung bean, Patuakhali	43/2D, 43/2F	2017	15%
	20 MFS sesame, Khulna	22, 30	2017	15%
<b>Trials, demos, participatory research</b>				
	Mini pond trial polder 22 (water melon training)	22		75%
	Sugar beet trials with field day, post harvest (processing) trials and fodder trials	29	April 2015	75%
	World fish study small HH ponds (eco ponds)	29	March 2015 but extended to June	80%
	BAU demo-trials new fruits and vegetables	9 polders	Working on proposal and budget	5%
	Moringa introductions in Patuakhali	43/2D, 43/2F	May 2015 (under preparation)	5%
	Polder trials summer vegetables	43/1A, 43/2A, 43/2B, 43/2D, 43/2F, 29, 30	September 2015 (under preparation)	5%
<b>Livestock related activities</b>				
	Training 20 Community Livestock Workers	All polders	Dec 2014 (done 19-28 Jan 2015)	100%
	Follow up on functioning trained service providers (CPW and CLW)	All polders	Ongoing	
<b>Fish related activities</b>				



Select participants for nurseries training	Selected polders	Feb 2015	100%
Training on nurseries management	Selected polders	April 2015	0%
<b>Other activities</b>			
Training for 22 FOs on use tablets and ODK software	All polders	Dec 2014 (done 18-22 January 2015)	100%
Exchange visit for farmers		Jan 2015	0%
<b>DAE</b>			
<b>FFS</b>			
50 FFSs Boro and Rabi crops in WMGs of 12 selected Blue Gold polders		June 2015	50%
Demos (60)		June 2015 (exact timing depends on topics)	50%
<b>FT-TOT</b>			
Select participants from 12 selected Blue gold polders		Jan 2015	0%
Prepare fields for training		Feb 2015 (started then cancelled)	50%
Training for 50 FT (2 groups of 25) (20+ days of training)		March 2015 (was cancelled)	0%
<b>Support 40 farmer organizations</b>			
Develop criteria to select FFS		Jan 2015	0%
Select successful FFS		March 2015 (postponed)	0%
<b>Motivational tours</b>			
8 motivational tours for farmers	All polders (locations to be selected)	March 2015 (postponed)	0%
<b>Technical training DAE facilitators</b>			
Conduct training (1-2 days)	All polders	Feb 2015 (postponed)	0%

### 3.4.2 Component 3 activities January to March 2015

Main activities of Component 3 (TA) during this reporting period (January-March 2015) involved completing the third FFS cycle with 88 FFS on homestead vegetables and fruits, poultry and nutrition in 6 polders (29, 30, 43/2A, 43/2D, 43/2E, 43/2F). Also 88 field days with these FFS in 88 WMGs were completed in this period.

Preparations for the fourth FFS cycle (community meetings and farmer selection) started in Khulna (polders 22, 29, 30), for 40 FFSs on summer vegetables, poultry and nutrition.

Preparations for the fifth FFS cycle started in Patuakhali (polders 43/1A, 43/2A, 43/2B, 43/2D, 43/2F) for 48 FFS on fish (including Tilapia), poultry and nutrition.

The following table gives an overview of all FFSs with male and female participants.

FFS cycle	Modules in FFS	No. of FFS	Male	Female	Status FFS
<b>Khulna</b>					
1	Homestead vegetables & fruits, poultry, nutrition	20	68	432	Completed
2	Fish, beef fattening, nutrition	20	237	263	Completed
3	Homestead vegetables & fruits, poultry, nutrition	40	132	868	Completed

4	Homestead vegetables & fruits, poultry, nutrition	40	?	?	Starting
<b>Patuakhali/Barguna</b>					
1	Homestead vegetables & fruits, poultry, nutrition	24	15	585	Completed
2	Fish, beef fattening, nutrition	24	358	242	Completed
3	Homestead vegetables & fruits, poultry, nutrition	48	102	1098	On-going
5	Fish (including Tilapia), poultry, nutrition	48	?	?	Starting

Participant selection for cycles 4 and 5 is ongoing. An overview of gender ratio is presented in the following table.

Gender ratio in 176 completed FFS			
	Men	Women	Percentage women
Khulna	437	1563	78%
Patuakhali/Barguna	475	1925	80%
Total	912	3488	79%

The following table shows gender ratio in the 88 field days that were organized in March 2015.

FFS cycle	Topics of field days	No. of Field days	Male	Female	Total adults	Percentage female
<b>Khulna</b>						
3	Homestead vegetables & fruits, poultry, nutrition	40	1,827	3,687	5,514	67%
<b>Patuakhali/Barguna</b>						
3	Homestead vegetables & fruits, poultry, nutrition	48	2,881	4,289	7,170	60%

Component 3 and 4 together started 20 Market Oriented Farmer Field Schools (MFS) in mung bean (Patuakhali) and 20 MFS sesame (Khulna).

MFS topic	No. of MFS	Male	Female	Total participants	Percentage female
<b>Khulna</b>					
Sesame	20	382	118	500	23%
<b>Patuakhali</b>					
Mungbean	20	441	59	500	12%

A two-weeks training for 20 Community Livestock Workers (18 men, 2 women) was organized (19-28 January) and all participants received kit boxes with syringes and other tools needed for their work. They also each received a bicycle.

One FFS Organizer (FO) resigned and has been replaced by a suitable replacement.

The WorldFish led research on eco-ponds (Participatory Research on a Habitat Restoration Approach to Small Pond Fish Productivity, Diversity and Resilience) is continuing. While a final report was expected by March, WorldFish has asked for a no-cost extension until June 2015. A draft final report is expected by early June 2015.

DAE in this reporting period started 50 FFS (Boro rice and Rabi crops) and 60 demonstration-trials on various topics, which are all still ongoing. A TOT for 50 Farmer Trainers, which was scheduled for March 2015, had to be postponed as no funding could be made available while waiting for approval of the Statement of Expenditure for Jan-Jun 2014 (under investigation).

### 3.4.3 Cooperation with Other Projects and Organizations

The table below highlight some contacts and points of cooperation between C3 and other projects and organizations.

Project/ Organization	Comment
DLS	Specialists of DLS participated as resource persons during the training of Community Livestock Workers.
DoF	Blue Gold fisheries expert has frequent contact with the department concerning planning of training for fish nurseries, development of fish sanctuaries and community fisheries.
WorldFish	Field visits and contact with WorldFish on the research on “women-managed small household ponds” (SHHP) in polders 29 and 30.
BAU	Finalizing the proposal on introducing improved fruit species and varieties and vegetables in Blue Gold program area.
NICE Foundation	Meetings and contact by email on developing a proposal (for innovation fund) on “Participatory Action Research on Securing the livelihood through improvement of Kawra pig-rearing community of Southwest Bangladesh”.
CIMMYT	Several meetings with CIMMYT in Dhaka, Patuakhali, Barisal and Khulna on mechanical seeders and axial flow pumps.
IMARES	Meetings and email communication concerning a proposal (for innovation fund) on pearl production. Work on this proposal has been stopped as it seems not suitable for Blue Gold polders.
EKN	Discussion meeting on possibility to use Water Hyacinth as raw material for handicraft or furniture production.
Grameen-Intel	Meetings and field visit to look into possibility of using mobile soil testing kits in Blue Gold polder.
Bengal Meat	Initial contact to look into possibilities of collaboration. To be followed up by field visit to Bengal Meat in April.
KWS	Meeting, field visit and contact by email on promoting sugar beet cultivation and processing in Blue Gold area

### 3.4.4 Next Quarter Planning (April-June 2015)

A draft annual plan for 2015 was prepared in November. The following table shows planned activities of Component 3 and DAE for the second quarter of 2015.

Task Name	Apr	May	Jun
<b>Component 3</b>			
<b>Fourth cycle FFS</b>			
40 FFS poultry, summer vegetables, nutrition in Khulna	X	X	X
<b>Fifth cycle FFS</b>			
48 FFS fish (including Tilapia), poultry, nutrition in Patuakhali	X	X	X
<b>Market Oriented Farmer Field Schools (MFS) (Component 3 &amp; 4 jointly)</b>			
20 MFS mung bean, Patuakhali followed by module Tilapia	X	X	X
20 MFS sesame, Khulna followed by module Poultry	X	X	X
<b>Trials, demos, participatory research</b>			
Mini pond trial polder 22 (water melon training and final report)	X	X	X
Sugar beet trials polder 29 and report	X		
Sugar beet field day	X		
Sugar beet post-harvest trials	X		

Sugar beet as fodder trials (silage)	X	X	X
World fish study small HH ponds (eco ponds) and final report	X	X	X
BAU demo-trials new fruits and vegetables	X	X	X
BAU training for nursery owners on grafting techniques	X		
Moringa introductions in Patuakhali	X		
Polder trials summer vegetables (6 polders)	X	X	X
<b>Livestock related activities</b>			
Follow up on functioning trained service providers (CPW and CLW)		X	
Fodder demos with on-going FFS in Khulna	X	X	X
<b>Fish related activities</b>			
Select participants for nurseries training	X		
Training on nurseries management	X	X	
6 FFS rice-fish in Khulna			X
<b>Other activities</b>			
Training for 22 FOs on Market Orientation Tilapia and Poultry	X		
<b>DAE</b>			
<b>FFS</b>			
50 FFSs Boro and Rabi crops in WMGs of 12 selected Blue Gold polders	X	X	X
50 field days			X
<b>Demos (60)</b> (exact timing depends on topics) (in 12 selected Blue Gold polders and "probable" polders of Kalaroa and Kalapara)			
3 demos floating vegetables	X	X	X
4 demos drumstick (Moringa) on roadsides/dykes	X	X	X
3 demos vegetables cultivation (locally known as Sorjan method)	X	X	X
4 demos mushroom cultivation	X	X	X
11 demos summer tomato	X	X	X
7 demos management coconut pests	X	X	X
4 demos drumstick (Moringa) cultivation	X	X	X
6 demos water melon	X	X	X
2 demos maize varieties	X	X	X
3 demos sunflower	X	X	X
6 demos sesame varieties (black seed)	X	X	X
5 demos Mung bean varieties	X	X	X
2 demos sweet potato	X	X	X
60 field days related to the above demos (timing depends on topic)		X	X

### Component 3 – TA

Main activities during the next reporting period (April-June 2015) of Component 3 include the running of 40 FFS in Khulna and 48 FFS in Patuakhali.

Components 3 and 4 will jointly be running 20 MFS Mung bean followed by Tilapia in Patuakhali and 20 MFS Sesame followed by Poultry in Khulna.

A number of polder level trials on summer vegetables will be started and together with BAU Germplasm Centre an activity will start to test new fruit and vegetable types/varieties together with FFS farmers in 9 Blue Gold polders. Sugar beet trial and mini-pond/watermelon trials will be completed. WorldFish will finalize its research on eco-ponds and prepare a final report.

## DAE

DAE will continue with the on-going 50 FFS on Boro and Rabi crops and the 60 demos which have been set up with a variety of topics (details in table). For all 50 FFS and 60 demos, field days will be organized.

### 3.5 Component 4: Business Development and Private Sector Involvement

#### 3.5.1 Status Overview of Activities

The table below provides an overview of Component 4 Activities as mentioned in the Annual Plan 2015 and implemented in the period January-March 2015. The activities relate to the selected polders, except if otherwise indicated.

**Table 19: Status of Component 4 activities (January-March 2015)**

No.	Planned Key Activity	Polder and/or Subject	Progress
<b>Component 4: Business Development and Private Sector Involvement</b>			
<b>1.</b>	<b>Selection of sub-sectors/products and value chains on a polder basis. Ongoing Polders 29, 26, 31 (part), Polder 2 &amp; Polders 43/2A, 43/2E, 43/2B, 43/1A) Completed Polder 22 and 43/2F</b>		
1.1	Engage with communities to define broad development options	Support multi-disciplinary survey	Monitoring of WMO functionality assessment and WAP completions, for options development.
1.2	Develop regional development framework (RDF)	Define information collect, liaise with other programmes and draft RDF	Collection, recording, improvement of polder master files (Polder 26,43/2B and 43/1A)
1.3	Select or prioritise value chains for analysis	Define criteria, collect and analyse data, & select	Value Chain Selection Matrix prepared and potential Value Chain Ranking completed for Polders 29, 2, 31 (Part), 43/2E & 43/2A,
1.4	Formulating PDPs	Assess polder info, develop scenario and draft PDP	Polder information assessment (on-going), component coordination for PDP formulation (on-going). Joint development of PDP for Polders 2, 29, 30, 31 (Part), 43/2A, 43/2E and P43/2D awaited.
<b>2</b>	<b>Undertake in-depth Value Chain Analysis (specific to defined VC) On going for Poultry &amp; Tilapia Completed for Sesame and Mung Bean</b>		
2.1	Consult the actors for VCA	In depth analysis of specific VCs Khulna district	On-going Develop map, actor baseline data, identify constraints and opportunities. Preparation of Moringa Study

2.2	Identify and Assess solutions	VC under analysis	Awaited Assess potential solutions on viability Consider collective action Define basic approach to VC development Further VC awaits MFS approach decision.
2.3	Engaging with VC actors to plan interventions	VC under analysis	Awaited. Facilitate solutions, business planning training Assess form of association Create linkage with VC actors Assist business planning
2.4	Define VC intervention strategy	VC under analysis Polders 22 & 30 (Poultry) and Polders 43/2F & 43/2D (Tilapia Bean)	On-going Tilapia VCA near completion and Poultry VCA on-going.
<b>3.</b>	<b>Facilitate Value Chain Development</b>		
3.1	Influencing incentives by awareness	Facilitate Value Chain Development	On-going 2015 DAE, MoL, MoF, Orientation workshop further postponed.
3.2	Enhancing skills by Capacity Development	Prepare Capacity Development for specific target groups (including stakeholders and market actors)	On-going throughout project See sub-activities below
3.2.1	WMO Skills Development	Management of Agricultural Machinery (MAM) Capacity and skill development for WMO	On-going throughout project on issue basis Already 57 (Operational-34, Book keeping-14, First follow-up-09) no of training has been completed.
		Savings and Credit (S&C) function capacity and skills development for WMO	On-going Contractor selected via competitive tendering.
		Basic IGA Management training	started TNA and topic identification is going on for decision on providing IGA training for members of WMO.
3.2.2	CO & FO Skills Development	VC and Business skills Development programme for CO and FO/DAE	On-going VC Training programs for DT's (DAE) further postponed. Envisaged actions within MFS programme defined.
3.3	MFS Program	Market orientation of specific VC producer groups. Polders 22 & 30 (Sesame) and Polders 43/2F and 43/2d (Mung bean)	On-going throughout project See sub-activities below
3.3.1	Producer Group	VC, Market orientation,	On-going throughout 2015

	Facilitator (PF) Skill Development	Business and Market linkage skill development for PFs	PFs were trained on use of TABs for conducting baseline survey. MFS Tilapia curriculum under preparation for PF/FOs
3.3.2	MFS program implementation	MFS sessions are going on as per schedule (including setting up trials, linkage meeting with VC actors, support actors).	On-going Completed sessions for Sesame producer groups (148 for Polder 22 and Polder 30) and for Mung bean producer groups (240 for polder 43/2D and polder 43/2F)
		Promoting Collective action among PG	On-going Collective action promoted among PG members for collecting seed from input supplier.
		Resource Farmer training within MFS (linkages)	On-going Selection of Resource Farmers completed Curriculum has been developed for providing training to RFs as part of capacity building.
		Input Provider training programme within MFS (linkages)	Curriculum has been developed for input provider training as part of VC capacity building. Baseline survey planned to record farmers perception on input provider
<b>4.</b>	<b>Monitor and Evaluate Business Development Programme</b>		
4.1	M&E reporting	Output Monitoring	On-going Output monitoring sheet finalised and used.
4.2	MFS M&E	MFS Monitoring	On-going MFS baseline survey developed, completed and analysis on-going.

Selection of value chains on a polder basis is on-going. The master files for Polders 2, 22, 30, 31(part), 43/2F, 43/2D, 43/2A & 43/2E are completed including the proposed value chain selections while the work on the master plans for polders 26, 43/2B & 43/1A has started. A new process for PDP formulation has been adopted and will start soon. The information collected in these Master files will contribute in the formulation of PDPs. The drafting of PDPs for these polders will probably take us through 2015.

MFS programmes for Sesame and Mung bean crops are on-going in polders 22, 30 and 43/2F & 43/2D. These provide producer groups with market linkages along with improved production technology to encourage them to become market oriented and consider farming as business. A few good examples of collective action were observed among MFS as members procured e.g. seed together.

We plan to train Resource Farmers (RFs) to build their capacity. In this regard a curriculum has been drafted. Similarly there are plans to train input providers and improve the linkages among actors. The training program for the efficient use of Agricultural machinery as part of WMG capacity building has started. The procurement for the Savings and Credit training for WMGs has been completed. This program aims to improve the awareness of this function amongst WMG members and of proper record keeping, to encourage transparent and standard book keeping.

Despite the changes in BCUPs organisational structure, the collaboration at field level between BRAC/BCUP loan distribution activities and Blue Gold program beneficiaries is maintained. Already beneficiaries of Blue Gold program are receiving loans from BRAC/BCUP.

### 3.5.2 Cooperation with Other Projects

**Table 20: Component 4 cooperation with other projects**

Organisation	Related Project/ Programme	Contact made	Potential for collaboration
Solidaridad	SAFAL	Indu Bhushan Roy, Sattya Narayan	Coordination requirement wrt value chain development. Met on NWP pilot projects for Polder 2.
BRAC	BCUP programme	Belayet Hussain	Explore appropriateness of agricultural finance programme (beyond MFI) for MFS/WMG.
SCITI (Small and Cottage Industry Training Institute)	Enterprise Development	Abdul Wadud	BIG curriculum developed jointly and completed. Business Planning curriculum discontinued upon poor performance.
World Fish	CSISA-BD Project AIN Project	Md. Mokarram Hossain, Asoke K Sarker, Zakir Hossain, Baten Bhuyan, Erik Keus	Technical Information sharing for aquaculture promotion in polder region
BARI	Oil Seed Department	Dr. Md. Mubarak Ali	Technical information on Sesame
BINA	Plant Breeding Division	Dr. Md. Abdul Malek	Technical information on Sesame
Patuakhali Science Technology Univ.	Faculty of Fisheries	Prof. Dr. Sultan Mahmud	Technical information on Tilapia promotion
Khulna University BARI	Agriculture Faculty Pulse Department	Dr. Sarwar Jahan Dr. Harun ur Rashid	Promoting improved cultivation practice Promoting improved cultivation practice
GYM (Grameen Yukiguni Maitake Ltd.)	Joint venture social business company	Tomoyasu Ebana Mohammad Iqbal Mazumder	Evaluate linkage with Mung PG group
CDI (WUR)	Moringa Value Chain Study	Yeray Saavedra Gonzalez	Undertaking of international value chain and end-markets for Moringa
BengalMeat	Livestock	Wayne Gaskell	Explore supply chain coordination for small livestock
Grameen Intel	ICT for soil testing	Fakhrul Arefin	Explore possibility of linkage of ICT with PG.
Just Food	Vegetable value chain	Gijs Herpers	Explore suitable area of production in Blue Gold area

Special meetings to explore cooperation opportunities were held with SAFAL, DAE, WorldFish, GYM, Bengal Meat, Just Food, Grameen Intel and CDI (WUR). Contacts were maintained with others in the course of MFS implementation.

Capacity building of DAE staff with respect to value chain activities as implemented by Blue Gold came into focus. DAE agreed to organize a training program at a mutually agreed time. Information and ideas were exchanged with IRRI about Blue Gold pilot project related with community based water management. Several meetings were organized with GYM to explore opportunity for collaboration for the benefit of PG farmers. Issues related with launching Tilapia MFS were shared with WorldFish.



### 3.5.3 Next Quarter Planning (April-June 2015)

Table 21: Component 4 next quarter planning

No.	Planned Key Activity	Polder and/or Subject	Completion Schedule	Progress Envisaged
1	<b>Selection of sub-sectors/products and value chains on a polder basis (Polders 29, 2, 26, 31 part, 43/2A, 43/2E, 43/2B, 43/1A)</b>			
1.1	Engage with communities to define broad development options	Support multi-disciplinary survey	On- going	Follow catchment planning process on an integrated basis with the catchment stakeholders.
1.2	Develop regional development framework (RDF)	Define information, collect, liaise with other programmes and draft RDF	On- going	Information collection going on to initiate understanding Polder Scenarios.
1.3	Select or prioritise value chains for analysis	Define criteria, collect and analyse data, & select.	2015	Apply ranking matrix in support of polder development option identification (completion for polders 26,43/2B, 43/1A).
1.4	Formulating PDP	Assess polder info, develop scenario and draft PDP	2015	Drafting of a polder growth scenario with other components following the newly introduced process
2	<b>Undertake in-depth Value Chain Analysis (specific to defined VC)</b>			
2.1	Consult the actors for VCA	In depth analysis of specific VC (Mustard – Polder 2) (Moringa value chain study)	Apr-June, 2015	Develop map, actor baseline data, identify constraints and opportunities
2.2	Identify and Assess solutions	VC under analysis (Mustard-Polder 2) (Moringa value chain study)	On-going 2015	Assess potential solutions on viability Consider collective action Define basic approach to VC development
2.3	Engaging with VC actors	VC under analysis (Mustard-Polder 2) (Moringa value chain study)	Apr –Jun 2015	Facilitating solution, business planning sessions, create linkages with VC actors through MFS
2.4	Define VC intervention Strategy	VC under analysis (Tilapia -polder 43/2D & 43/2F) (Poultry – polder 22 & 30)	Apr-Jun 2015	Draft VC intervention strategy report
3	<b>Facilitate Value Chain Development</b>			
3.1	Influencing incentives by awareness	Facilitate Value Chain Development	On-going 2015	DAE, MoL, MoF Orientation workshop re-organised.
		Develop and Implement VC and Business skill development programme for DAE, DLS & DoF	On-going during MFS	Planned for DAE, DLS & DoF staff.
3.2	Enhancing skills by Capacity Development	Prepare Capacity Development for specific target groups	On-going throughout project	See sub-activities below
3.2.1	WMO Skills Development	Collective action skills development for WMO	2015-2016	Continue Training on Management of Agri Machinery (MAM) and book keeping by contractor for 217.
			2015 -2016	Conduct training on Savings and Credit by outsourcing. First batch of 56 WMGs by September 2015.
			Apr-Jun, 2015	Small IGA Management enhancement curriculum will be developed in preparation of outsourcing.

4.	MFS Program	Market orientation of specific VC producer groups	On-going throughout project	See sub-activities Polders 22 & 30 (Sesame) and Polders 43/2F and 43/2d (Mung bean) will continue till 2017.
4.1	MFS program implementation	Initiation of new MFS on Poultry (polder 22 & 30) and Tilapia (polder 43/2F & 43/2D) linked to MFS Sesame and Mung bean	On-going	RF capacity building training, Baseline survey for Input traders, Training for Input Traders, visits, networking, linkages and training on advanced production technology.
4.2	Producer Group Facilitator (PF) Skill Development	Training on different Market orientation related sessions (linkage and experience sharing about input collection, information and demand) for conducting MFS	On-going throughout 2015	Advanced training on production technology (Tilapia & Poultry), including FOs. Follow up training on MFS operation along with VC development, use of TAB etc. Weekly sessions will continue (5 Khulna PF on Sesame/Poultry MFS and 5 Patuakhali PF on Mung bean/ tilapia MFS)
4.3	Resource Farmer (RF) Skill Development	MFS organization, market orientation and entrepreneurship skill development	Apr-Jun, 2015	Knowledge and skills for the envisaged roles of the RF
4.4	Input Trader (IP) Skill Development	Proper record keeping, Financing, Inventory management, demand-supply estimation and product specific embedded service related issues	Apr-Jun, 2015	Knowledge and skills enhancement on product, service and efficient business, proper handling of pesticides.
		Establishing of linkages with forward market actors	On-going	Involving potential buyers in the MFS programme. Undertaking market visits with farmers. Establishing contact with GYM for the export of Mung bean
<b>5.</b>	<b>Monitor and Evaluate Business Development Programme</b>			
5.1	M&E reporting	Output Monitoring	On-going	Continuous reporting on outputs
5.2	MFS M&E	MFS Monitoring	On-going	MFS Sesame/Mung bean baseline survey processed and analysed. Perception survey on input traders completed. MFS Tilapia/Poultry baseline survey will be completed by ODK.

The work on the selection of value chains in polder 26, 43/2B, 43/1A, in preparation of PDPs will be completed during this reporting period. This will bring this work to completion till new polders are selected. Input will be provided to the drafting of PDPs in accordance with the new process. This information will also serve the catchment planning efforts which will start in some polders.

The Value Chain Analyses for Tilapia and Poultry will be completed, bringing the tally to four. Intervention activities for these value chains will be initiated by incorporating these in the ongoing MFS Sesame and MFS Mung bean. A scoping study on Moringa and a VCA for Mustard will be executed during this reporting period.

WMG capacity strengthening on the basis of MAM and Savings and Credit training will respectively continue and start. PFs will be trained on the Tilapia and Poultry MFS curricula including different aspects of market orientations. Additional training programs for different stakeholders like resource

farmers and input provider will be undertaken, and others for public service providers prepared. This will include an MFS information sharing workshop with district level DAE, DLS and DoF officials.

The MFS Sesame/Mung bean program baseline will be processed, and complemented with the MFS Tilapia/Poultry baseline. Another smaller survey on the perception of farmers on the sources of information and their quality will be undertaken.

### **3.6 Water Management Fund and Productive Sector Innovation Fund**

#### **1 Development and introduction of a web-based GIS Information Platform**

Between the months of January and March 2015 the Blue Gold team has focused on updating the data of the web-based GIS information platform for all 12 polders of the program. As part of this activity the Blue Gold team purchased a GIS dataset from the Water Resource Planning Organization (WARPO), which is currently being analysed on its usefulness for the GIS portal. Additionally the data gathered by Blue Gold itself is added to the portal (i.e. WMGs, roads, khals and other structures).

It is expected that this work will be completed by the end of May 2015, after which the third and final N&S expert mission will take place (planned for June 2015).

#### **2 Women-managed Small Household Ponds (SHHP)**

On March 2<sup>nd</sup> 2015, WorldFish submitted a request to extend the contract of the SHHP project, citing that the project was started up later than originally planned which lead to unspent funds. It was agreed by Blue Gold to extend the original end date of the SHHP project of March 9<sup>th</sup> 2015 to 30<sup>th</sup> June with no additional costs. A final report on the SHHP project is expected by 30<sup>th</sup> June 2015.

#### **3 Pilot with IWM on Polder Community Water Management (CoWM) in polder 30.**

On March 2<sup>nd</sup> 2015, Martina Groenemeijer finished her four months internship at the community water management pilot in Polder 30 in Khulna District by presenting her findings to the Blue Gold team in the Dhaka office. Martina's main tasks were to carry out a baseline survey, to monitor progress of the pilot and to advise on up-scaling options.

In December 2014 IRRI informed that their proposal for additional funding (US\$ 750,000) under the CGIAR Research Program on Water, Land, and Ecosystems (WLE) has been successful. Blue Gold is supporting this initiative, which includes IRRI, WorldFish, IWMI, IWM and a number of NGO's. The inception workshop for the IRRI research initiative took place in February 2015. The start of the integrated field visit is planned for April 2015.

#### **4 New initiatives**

##### **4.1 Reconnaissance visit of the Dutch Water Authorities to the Blue Gold program**

The Dutch Water Authorities (DWA) and Dienst Landelijk Gebied (DLG) visited the Blue Gold program between 16 – 28 January 2015. The focus of the reconnaissance mission was to explore possibilities for mutual cooperation with the Blue Gold program.

DWA and DLG found that their working methods and content of work are comparable to the activities undertaken in the Blue Gold program, and identified three possible areas of cooperation:

- Develop and execute a training for Bangladesh Water Development Board staff on life cycle costing, creating maintenance awareness in design, implementation and operation of assets. The introduction of a plan-do-act-evaluate cycle is to be stimulated within the institutional setting of BWDB.

- In Polder 2 DWA/DLG will assist in the development of a polder approach through Participatory land use Planning and methods of participatory water management. This is to be organized within the Innovation fund of the Blue Gold project.
- A young Dutch academic will be posted in Bangladesh to cooperate with the Blue Gold project and to assist in abovementioned activities.
- Further cooperative actions will be defined after establishment of a trustful working relation.

A detailed mission report with the background of the visit, program analysis and findings has been delivered to Blue Gold.

#### **4.2 Placement of Young Expert Program Water candidate in Blue Gold**

The reconnaissance mission of the DWA and DLG has resulted in collaboration with Blue Gold around the placement of a trainee from the Netherlands within the Blue Gold project, as part of the Netherlands funded Young Expert Program Water program (YEP-Water program).

The trainee is an employee of DWA; as such DWA is the applicant for the participation of the trainee in the YEP-Water program. As part of the YEP-Water program, the trainee will be placed in Khulna. The trainee will be active within Component 2 of the Blue Gold program.

The responsibilities of the trainee include liaising with the Blue Gold Innovation Fund Manager to jointly develop ideas and proposals for innovative (technical) solutions in the field of river erosion protection, climate change mitigation, combatting drainage congestion (water logging) and design of water management structures (sluices, inlets, outlets, culverts) for the coastal polders in southwest Bangladesh.

The trainee will join the Blue Gold program on 16<sup>th</sup> of August 2015 for a period of one year.

#### **4.3 Analysis on feasibility of water hyacinth handicraft production .**

The Innovation Fund Manager and the Leader of Component 3, visited the EKN on Thursday 12<sup>th</sup> of March to discuss the feasibility of water hyacinth based handicraft production as an income generating activity for WMG members of the Blue Gold program. Based on this visit a report with recommendations and follow-up activities was presented to the EKN on 16<sup>th</sup> March 2015.

#### **4.4 NICE Foundation submits participatory research proposal on Kawra pig-rearing community**

The NICE Foundation has approached the Blue Gold Innovation Fund with a research proposal that focuses on the Kawra pig-rearing community in the South-West of Bangladesh. The proposal has been submitted to the EKN for approval on 29<sup>th</sup> of March 2015.

The NICE Foundation's research proposal proves interesting as it combines Blue Gold's community empowerment approach with a focus on the practicalities of livestock rearing and the value chain of pork meat in Bangladesh.

#### **4.5 ACACIA Water**

Between September 2014 and February 2015, Acacia Water and Dhaka University conducted a feasibility study on the application of MAR technology for agriculture water inside polder 22 of the Blue Gold program. The outcome of this feasibility study shows that the adaptation of MAR technology can provide significant benefit to farmers in polder 22. As such Blue Gold has proposed to pilot the implementation of the MAR technology and field test the practical application.

The benefits of the MAR technology would not only extend to farmers being able to grow an additional crop, but can also have a substantial impact on gender relations, as it allows for a bigger role of women in homestead farming. Additionally, polder 22 could play a role in the production of fodder. Already the surrounding areas feed their cattle with fodder from polder 22, as the shrimp production there limits the growth of sufficient fodder crops.

A draft proposal for a pilot study to be implemented by ACACIA Water within the Blue Gold program has been submitted to the EKN on 29<sup>th</sup> March.

#### **4.6 Desk study on pearl cultivation in Bangladesh**

The final report of the IMARES study on pearl cultivation in Bangladesh was published in January 2015. Based on this report it was decided to discontinue this initiative.

### **5 Full Time Innovation Fund Manager Appointed**

As recommended by the EKN and the annual review mission of 2014, per March 1<sup>st</sup> 2015 Blue Gold has appointed a full-time Innovation Fund Manager in order to allow the project to make maximum use of this unique instrument and to allow for a limited number of international competitive calls to cater for those initiatives that would exceed the ceiling of EURO 50,000.

The initial assignment of the Innovation Manager is for a period of one year with a potential extension of the contract with another year.. After two years the program will be evaluated and a decision will be taken to recruit again an Innovation Fund Manager through YEP-Water.

The main tasks of the Innovation Fund Manager are to:

1. Stimulate and initiate calls for ideas and proposals from parties in the project areas and elsewhere and inform and liaise with potential Dutch service providers and/or suppliers;
2. Support the Blue Gold team in evaluating the incoming proposals;
3. Draft contracts with the successful service providers;
4. Manage the innovation – i.e. making linkages with parties that could contribute to the up-scaling;
5. Act as liaison between the service (innovation) provider and the concerned Blue Gold component staff and the GoB implementing partner and assist in removing bottlenecks, if any;
6. Facilitate and manage the embedding of the innovation activity in the project area;
7. Set up a robust reporting system in cooperation with the M&E team and the Finance Manager of Blue Gold on:
  - (financial) progress of the contracts concluded under the two funds
  - pipe line projects
8. Participate in strategy and planning meetings of the Blue Gold TA team;
9. Contribute to Progress Reports and Annual Plans of Blue Gold.

## **3.7 Training**

### **3.7.1 Training Conducted (January – March 2015)**

No.	Training Title	Date & Place	Participants	Batch #	Participants (number)		
					Male	Female	Total
<b>Program Management</b>							
01.	Blue Gold Orientation for UP Representatives	Feb 23-24, 2015 Satkhira	UP, BWDB, WMA and DAE officials	02	31	4	35
02.	Training on Tablet Operation using ODK programming	Jan 20-22, Patuakhali	Producer group facilitator and BDC	01	8	1	9
03.	Training on Bench mark survey using TAB in ODK form	Feb 09-11, Khulna	Producer group facilitator and BDC	01	9	0	9
04.	ToT on LCS training facilitation	Feb 01, 2015, Khulna	Community Organizer	01	4	7	11
05.	Dry-run on MAM training module for WMG	Jan 14,15 & 17, 2015 Khulna	External Training Team	01	3	5	8
06.	Dry-run on MAM training module for WMG	Feb 9-10, 2015, Patuakhali	External Training Team	01	10	2	12
07.	Experience Sharing Session on WMG	March 12, 2015, CSS, Khulna	BWDB (Khulna & Dhaka) Blue Gold (C-1)	01	41	11	52

	formation process in new polder		&C-2) staff				
08.	Curriculum Development Workshop on LCS work	Jan 05, 2015, BWDB, Dhaka	BWDB and Blue Gold staff	01	15	4	19
09.	Blue Gold Retreat 2015	Mar 23-24, 2015, Manikgonj, Dhaka	Blue Gold staff (HQ, Khulna & Patuakhali)	01	57	14	71
<b>Component -01</b>							
10.	Training on Organizational Management for WMG	Feb to Mar, 2015 Khulna	WMG EC member, Potential Leader and UP member	09	188	110	298
11.	Training Organizational Management for WMG	Jan – Mar, 2015 Patuakhali	WMG EC members, Potential Leader and UP member	18	408	206	614
<b>Component -02</b>							
12.	Training on LCS work	Jan 26 Mar 30, 2015, Khulna	LCS member, WMG, WMA representative	121	2497	1677	4174
13.	Training on LCS work	Feb 01- 12, Satkhira	LCS member, WMG, WMA representative	38	827	748	1575
14.	Training on LCS work	Jan- Mar, Patuakhali	LCS member, WMG, WMA representative	122	2503	1318	3827
<b>Component -03</b>							
<b>Component -04</b>							
15.	Training on Management of Agricultural Machineries (MAM) for WMG (part-1)	Jan to Mar, 2015, Khulna	WMG EC members, FFS & MFS Members, Potential Leader/Sub Committee & General Potential Members (30)	27	452	314	766
16.	Training on Management of Agricultural Machineries for WMG (part-2)	Jan to Mar, 2015, Khulna	WMG EC member, Machine Operator & General Members (17)	13	272	146	418
17.	Training on Management of Agricultural Machineries for WMG	Patuakhali	WMG EC members, FFS & MFS Members, Potential Leader/Sub Committee & General Potential Members (30)	10	198	87	285

- Blue Gold Orientation for UP Representatives:** The Union Parishad is an important implementing partner of Blue Gold at the polder level. The objective of this orientation is to introduce Union Parishad representatives with Blue Gold activities, identify the areas for collaboration and develop partnership between BWDB, DAE, DLS, DoF, UP, WMO and Blue Gold Program.
- Training on Tablet Operation using ODK Programming:** This course is organized for Producer Group Facilitator and Business Development Coordinator (BDC) who will collect data from the Water Management Organization using tablets. This was 3 days training where participants were trained on data collection process through ODK programming by using tablets and practiced of data collection from the field.
- Dry-run on MAM training module for WMG:** The objectives of the dry-run were to review the drafted training module on Management of Agricultural Machineries (MAM) for Water Management Groups by the outsourced training team. The outsourced training team practiced each of the sessions. Through this process we have reviewed the training module & materials, observed training performance of the training team members and provided necessary feedback for improvement.
- Experience Sharing Session (ESS) on WMG formation process in New Polder:** In this Experience Sharing Session the detailed procedure on formation of Water Management Organizations in the new polders were shared by the Extension Overseers and Community Organizers. The Roles and Functions, difficulties facing by the staff in formation WMG etc were shared. In this ESS the Project Coordinating Director, Chief Water Management and Executive Engineers Dhaka, Khulna, Satkhira,, DCEOs, Blue Gold staff of Khulna, Satkhira and Patuakhali participated and contributed.

5. Curriculum Development Workshop on LCS work: A one day workshop was organized in Dhaka with BWDB officials to review the training LCS curriculum developed last year for further improvement. In this workshop PCD, Executive Engineers and other Blue Gold staff attended and contributed.
6. **Blue Gold Retreat 2015:** The overall objective of the retreat was to bring about proper coordination, develop synergy, and achieve learning from experiences.

A total of 71 participants including mid-level to senior Blue Gold team members participated in the retreat. The retreat was a one and half day event. The retreat aimed to achieve the following specific objectives:

- To generate and disseminate awareness and understanding of the Blue Gold program mandate;
- To identify scope for further coordination and synergy within Blue Gold Program; and
- To develop a strong bond of team spirit to be turned into family spirit instilled through different learning sessions as well as entertaining programs and activities.

The participants had the ample opportunity to share their views, ideas, and observations and provided their suggestions for improvement.

7. **Training course on Organizational Management for WMG's:** Training course on Organizational Management for WMG's continuing in the field. This is foundation training for Water Management Organizations where 11 sessions were planned in 3 days training course. In 3<sup>rd</sup> day of training each WMG prepares the WMG Action Plan (WAP) for next 6 months what will be followed up by the Community Organizers. This training is conducted by the external training team. This training will be implemented in all polders.
8. **Training on LCS work:** The LCS training course was divided into 2 parts. The 1<sup>st</sup> part is formal training where LCS management related issues, working procedure, billing procedures; the roles of different parties involved etc. were discussed. The 2<sup>nd</sup> part of the LCS training is planned as On the Job Training (OJT) which will be conducted immediately after the start of the LCS work in the field.
9. **Training on Management of Agricultural Machineries (MAM) for WMG (part-1):** The objective of the training program is to create awareness amongst the WMG members of their machinery asset holding, the options available to them to organize a mechanization service to the WMG members, and to properly manage it for the longer term. In the 1<sup>st</sup> day of this training WMG EC members, FFS and MFS members, and some Potential Members (30 participants) participate in day long training.
10. **Training on Management of Agricultural Machineries (MAM) for WMG (part-2):** In the second part (part-2) the specific management and bookkeeping requirements of the chosen options are discussed and practiced with the Management of the WMG and/or the specific sub-group appointed to manage the Mechanization Service. The training provider will undertake two follow-up visits to each of the WMG in order to monitor proper bookkeeping and to provide on-the-job training.

### 3.7.2 Next Quarter Planning (April – June 2015)

#### Component-1: Community Mobilization & Institutional Strengthening

Training Course	Target Participants	Duration	# of Batches/ Participants	Apr – Jun 2015			Remarks
				01	02	03	
1. <b>Refresher Training for Community Organizers</b>	Community Organizers and BWDB Extension Overseer	3 days	02		x		
2. <b>Organization Management Training</b>	WMG and UP Representatives	3 days	18 batches	x	x	x	
3. <b>Financial Management Training for WMG</b>	WMG and UP Representatives	3 days	?			x	

**Component-2: Water Resources Management**

Training Course	Target Participants	Duration	# of Batches/ Participants	Apr – Jun 2015			Remarks
				01	02	03	
1. Training on LCS work (part-2): On the Job Training	LCS	0.5 day	? batch		x		
2. Training on Construction Monitoring and Quality Control	WMG/WMA Members	1 day	? batch		x	x	

**Component-3: Food Security and Agricultural Production**

Training Course	Target Participants	Duration	# of Batches/ Participants	Apr-Jun 2015			Remarks
				01	02	03	
1. FFS Follow Up Workshop	Contact Farmers of phased out FFS	1 day					
2. Training on Carp Nursery Management	Nursery Farmers	5 days (sessions)					
3. Blue Gold Orientation for DoF and DLS Officers	Central and Field Officers	1 day					

**Component-4: Business Development and Private Sector Involvement**

Training Course	Target Participants	Duration	# of Batches/ Participants	Apr – Jun 2015			Remarks
				01	02	03	
1. Management of Agricultural Machineries (MAM)	WMG EC members + Potential members from the WMG	02 days	? batches	x	x	x	Khulna and Patuakhali
2. Finalize Training Module on S&C	WMG Members	02 days	--	x			Khulna and Patuakhali
3. Participate in organizing dry-run on S&C	External Training Team	02 days	01 batch	x			Khulna
4. Piloting of S&C in Khulna and Patuakhali	WMG	02 days	? batches		x	x	Khulna and Patuakhali
5. Organize S&C training at the WMG level	WMG	03 days	? batches			x	

**Project Management & Capacity Building**

Training Course	Target Participants	Duration	# of Batches/ Participants	Apr – Jun 2015			Remarks
				01	02	03	
1. Orientation on Blue Gold Program	UP Members, WMA, DAE, DLS & DoF	01 day	? batches		x	x	
2. Outcome mapping and result sharing workshop	Blue Gold staff	01 day	01 batch		x		
3. Study tour on Flood Control and Drainage Systems in Indonesia	BWDB officials	09 days	01 batch	x			
4. Need based/Quarterly Staff Development Training for all component staff	District and Field Staff	--0--	Khulna & Patuakhali			x	District Level



### 3.8 Communication and Knowledge Management

#### 3.8.1 Status Overview of Activities (January – March 2015)

No.	Planned Key Activities	Completion Schedule	Progress
1	Communication strategy	March	Completed
2	Completing Introductory Video film	January	Completed
3	Blue Gold Mela	February	Organized
4	Printing 2 posters	February	Published
5	Evaluation of Pilot radio program	February	Report to be submitted
6	Vendor selection for 2D animation video	March	Done
7	Producing new English brochure	March	Still in process
8	Updating Facebook and Blue Gold Web content	Throughout the quarter	
9	Photo documentation	Throughout the quarter	

- Video documentation of Blue Gold Mela was made in addition to planned activities for the quarter.

#### 3.8.2 Next Quarter Planning (April – June 2015)

No.	Planned Key Activities	Completion Schedule
1	Evaluation report of Pilot radio program	April
2	Completing 2D animation video	May
3	Updating Facebook and Blue Gold Web content	Regular activity
4	Bangla Newsletter Publication	May/June
5	Prepare success stories	March - June
6	Producing new English brochure	May
7	Photo documentation	Throughout the quarter

### 3.9 Monitoring & Evaluation

#### 3.9.1 Overview of Activities: January-March 2015

The table below gives a general overview of M&E activities carried out in the period January–March 2015.

Table 22: Status of M&E activities

No.	Planned Key Activities	Completion Schedule	Progress
1.	Socio Economic Baseline Survey in nine IPSWAM polders	June 2014	Completed; distributed to respective stakeholders
2.	Outcome Mapping	Throughout program	On-going; completed data collection and analysis followed by implementation methodology, draft Outcome Mapping Analysis report submitted to TL and Int. M&E Expert
3.	Output Monitoring	Throughout program	On-going; completed data analysis and Output Progress Monitoring Report
4.	Blue Gold Logical Framework	November - December 2014	Completed; prepared new version of Logical Framework (LFW).
5.	Observation Monitoring (Process Monitoring)	Throughout program	On-going; regularly field observation, analysis report preparation

Blue Gold's M&E system comprises of the three pillars of Impact Measurement, Outcome Monitoring and Output Monitoring. The process and main results per each pillar are described in the following sections.

### 3.9.2 Impact Measurement:

A final report of Socio Economic Baseline Survey of the nine IPSWAM polders was prepared by the M&E Consultant Mr. Gijs Herpers who was hired to finalise this report, and distributed to relevant persons/stakeholders. The M&E team is planning to start the next baseline survey after more new polders are selected, probably in September/October 2015. The same sampling procedure and survey methodology will be applied as in the first survey. The table below provides some baseline results based on some impact indicators of the Logical Framework.

**Table 23: Results of Socio Economic Baseline Survey based on Impact Indicators of Logical Framework (LFW)**

Ref. No.	Impact Indicators	Project	Khulna	Patuakhali
1.1	% increase in the Progress out of Poverty Index (PPI)	25 %	23.86 %	25.67 %
1.2	>85% of the households do not experience food shortages in any month of the year	75 %	73 %	77 %
1.3	Average household expenditure on housing and education increased by > 20%	TK 12,828	TK 13,773	TK 12,118
1.11.1	>25% of women move outside of the village on their own	83 %	89 %	78 %
1.12.1	20% increase of women earning own cash income by the end of the project through FFS and IGA	21 %	30 %	14 %
3.2.1	Productivity of FFS participants increased:	3.27	2.96	3.50
	1. Rice 8% (in ton/ha)			
	2. High value crops 15% (ton/ha)	0.46	0.20	0.65
	<input type="checkbox"/> Oilseeds	4	5	9
	<input type="checkbox"/> Vegetables	9.87	11.3	8.74
	<input type="checkbox"/> Pulse	7	80	7
		.65	0.89	0.45
	3. Eggs 50% (per household)	11.32	12.34	10.55
	4. Fish 10% (in kg/ha)	4395	5069	3888
	5. Homestead vegetables and fruits 15% (in ton/ha)	11.291	8.408	13.457
	6. At 2 years after rehabilitation the production intensity in new Blue Gold polders is increased by 20%	15 %	24.0%	8.8%
	7. Male and female farmers are more market oriented by selling a larger proportion of their production	80 %	87 %	74 %
3.5.5	Number of businesses has increased with 10%	26 %	23 %	28 %
3.6.1	10% increase in employment by household members	13 %	12 %	13 %
3.6.2	30% of employment increase attributable to women	19 %	26.46 %	14.25 %

#### Notes for interpretation in above table as required:

Ref. No.	Details
1.1	Defined as the chance of falling below the \$1.25 / day poverty line.
1.3	Recommended to be taken out of the logical framework. This could still be measured as an unintended

	side effect of the project but does not fit the core objective of increased incomes and reduced food shortages.
3.2.1.2	Defined as oilseeds, vegetables and pulse based on the number of farmers involved
3.2.1.6	Households that only use single cropping.
3.2.1.7	Defined as % of households selling at least 25% of their production in commercial crops / fisheries / poultry.
3.5.5	Defined as households with at least one business. There is no information available on the number of businesses in the target areas
3.6.1	% of HHs that report that employment is a main source of income
3.6.2	Women in the HH having an income generating activity

### 3.9.3 Outcome Mapping

The Progress Markers Scoring Criteria (i.e. Outcome Journals) of the Boundary Partners were reviewed by Geert Rhebergen, International M&E Expert, COs collected data from their respective WMGs after receiving 4 days practical training on procedures of data collection and Tablet operation. The M&E officers of Khulna and Patuakhali collected data from other boundary partners. After completion of data collection from all boundary partners, the M&E officers transferred all data in Excel from the tablets. Data analysis and interpretation were done by using Excel and in some cases SPSS package. As an example, the outcome mapping results for each Progress Marker of the WMG boundary partner are provided below:

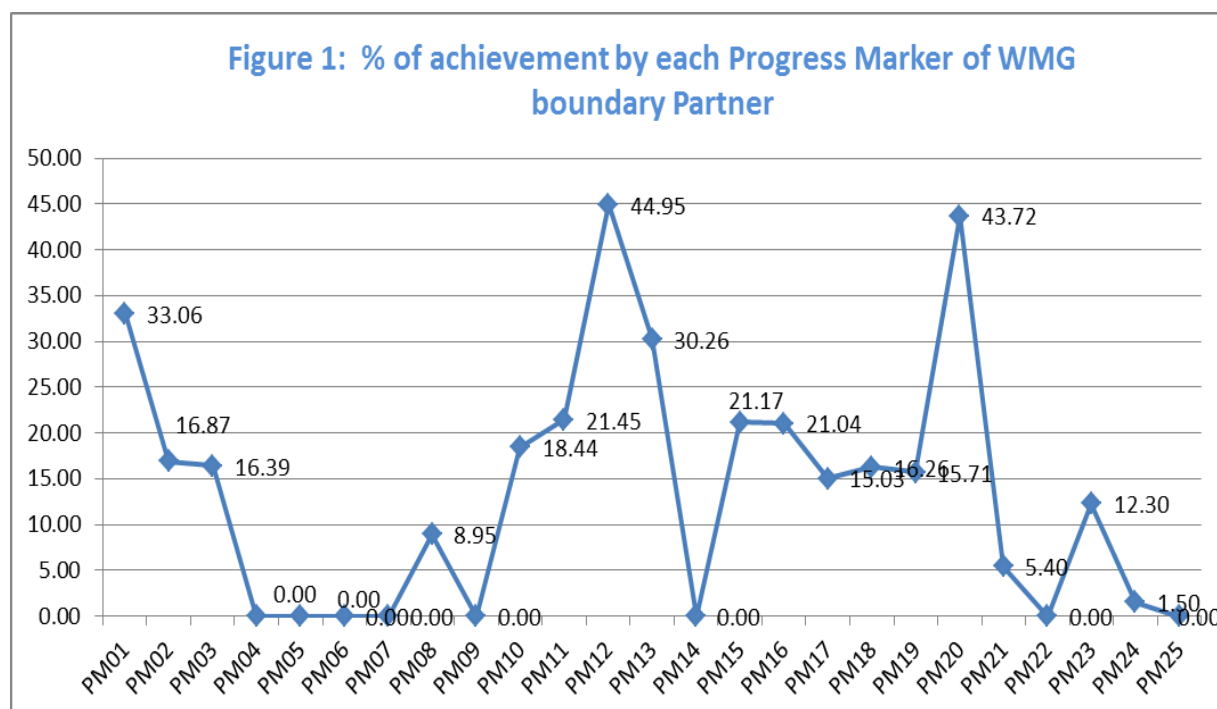
**Table 24: Performance of WMG boundary partner by each Progress Marker of Outcome mapping up to December 2014**

PM Code	Progress Markers	% of achievement	Remarks
<b>PM01</b>	General members are mobilized, have formed WMG and have elected their Executive Committee (Responsibilities include Village Action Plan formulation and implementation; perform maintenance works and establish good water management for the area; conflict resolution; etc.)	33.06	Positively performing
<b>PM02</b>	The community/WMG actively participates in village action plan formulation, which includes enterprise development activities and executes it.	16.87	
<b>PM03</b>	The WMG Executive Committee has elected 4 representatives each (3 male; 1 female) to participate as general member in the WMA, representing all interest groups (such as fishermen, landless, destitute women, etc.). And the WMA is fully functional.	16.39	
<b>PM04</b>	WMA general members elected their WMA executive committee (EC) with at least one woman holding key post and WMA EC members are fully aware of their responsibilities and have capacity to carry out these out. The WMG is informed about the O&M plan.	0.00	Not appropriate timeframe for getting outcome result
<b>PM05</b>	Around each sluice or catchment area, Water Management Associations (WMAs) are established and mobilized/operational (i.e. they are responsible for establishing good water management and routine O&M of the infrastructure of the concerned catchment area.	0.00	Not appropriate timeframe for getting outcome result
<b>PM06</b>	The Executive Committee of each WMA has elected maximum 4 WMA representatives ( 2 male; 2 female) to participate as general member in the Water Management Federation established at polder level, representing all interest groups (such as fishermen, destitute women, etc.). The WMF is established and mobilized as the apex association responsible for Polder Action Plan (PAP) formulation	0.00	Not appropriate timeframe for getting outcome result

	and validation, O&M Agreement and overall routine O&M Plan formulation and implementation.		
<b>PM07</b>	The WMG has been informed of the election of the members of the WMF executive committee (EC) with at least two women holding key posts. The WMF EC members are fully aware of their responsibilities and have capacity to carry these out	0.00	Not appropriate timeframe for getting outcome result
<b>PM08</b>	Monitoring Committees (MCs) are established and mobilized/operational with representatives from WMA, who are knowledgeable on quality control of the construction works.	8.95	
<b>PM09</b>	The WMG, through their representation at WMAs and WMFs participate in formulation and implementation of Polder Action Plan, addressing prioritized needs and problems	0.00	Not appropriate timeframe for getting outcome result
<b>PM10</b>	Based on the outcomes of the needs assessment, Farmer Field Schools are promoted (through FFS facilitator) and farmers show a positive response	18.44	
<b>PM11</b>	WMG is fully operational and well-functioning and actively implementing the village action plan, including enterprise development activities	21.45	
<b>PM12</b>	WMG membership is increasing (target representation of at least 55% of all households).	44.95	Positively increasing
<b>PM13</b>	Increased participation of WMG female members (target at least 40% of all members).	30.26	Positively increasing
<b>PM14</b>	WMG through WMF entered into an agreement on O&M of water management infrastructure with the BWDB.(O&M Agreement)	0.00	Not appropriate timeframe for getting outcome result
<b>PM15</b>	In the WMG, the number of Farmer Field Schools and the number of participants are increasing.	21.17	Positively increasing
<b>PM16</b>	There is increased participation of female farmers in Farmer Field Schools (target 50%).	21.04	
<b>PM17</b>	There is increased diversification of FFSs (rice, fish, vegetable, chicken, homestead gardening) in the WMG.	15.03	
<b>PM18</b>	FFS participants apply and promote the new and improved agricultural techniques in their production cycle	16.26	
<b>PM19</b>	Increased sharing of knowledge between trained farmers and non-trained farmers.	15.71	
<b>PM20</b>	WMGs are registered with BWDB.	43.72	Registration with BWDB is under process during data collection
<b>PM21</b>	WMGs have developed a strategic vision through their Village Action Plan in support of the Polder Development Plan	5.40	
<b>PM22</b>	WMF and WMAs have established partnerships (Cooperation mechanisms, MoU's, contracts) with Local Government Institutions, private institutions, NGO's and other stakeholders.	0.00	Not appropriate timeframe for getting outcome result
<b>PM23</b>	WMG and WMA members are participating in the UP meetings, UDCC meetings and standing committees, Ward and Open Budget meetings, Union Disaster Management Committee (UDMC)	12.30	Positively increasing participation

<b>PM24</b>	FFS participants respond to new elements in the curriculum leading to business diversification (added value) and/or intensification; this includes marketing, storage, processing, improved seeds through new initiatives such as lead farmers, cooperatives, producer groups, formal/informal).	1.50	
<b>PM25</b>	Individual producers, producer groups and/or newly established companies have developed business plans for implementation.	0.00	Not appropriate timeframe for getting outcome result

(NOTE: % calculation for project achievement=total scores achieved/target score \*100)



### 3.9.4 Output Monitoring

The following procedures have been undertaken for regular monitoring of inputs, activities and outputs during this quarter. The excel datasheets have been used by the respective component staff.

**Table 25: Achievements up to March 2015 based on Output Indicators of Logical Framework (LFW)**

Indicators and Targets of LFW	Achievement up to March 2015	Remarks
<b>250 IPSWAM WMGs are existing and operational, and are registered</b>	242	
<b>600 new WMGs are established and operational, and registered</b>	72	3 new polders selected
<b>&gt; 55% of all households are represented as member of the 850 WGMs by the end of the program</b>	56%	314 WMGs of 12 polders
<b>&gt;40% of all WMG members are female</b>	39%	314 WMGs of 12 Polders
<b>&gt;30% of executive committees' membership of WMGs are women</b>	34%	
<b>At least 255 WMGs are performing activities in credits and savings and mechanization services</b>	96	Only performing activities in Savings and Credits

In 45000 ha of IPSWAM polders the water management infrastructure fine-tuned for optimal use	42168	In 9 Polders on-going
25000 ha of polders rehabilitated	20044	In 3 polders on-going
>50% of all earthwork is done by LCS	48%	In 7 polders
40% of LCS labourers are female	39%	In 10 polders
At least 7500 women earning from LCS	4776	In 10 polders
1000 FFSs implemented by DAE and efficiently completed	170	50 FFS running, 120 FFS completed
400 FFS implemented by TA and efficiently completed	264	88 FFS running, 176 FFS completed
Female FFS participants ratio is 50:50	Male 21%, Female 79%	Only TA

### 3.9.5 Blue Gold Logical Framework

The logical framework of Blue Gold program is rephrased or replaced in cases where the existing indicators were found to be not measurable (not SMART) to allow for proper monitoring. Based on revised indicators of logical framework, the output monitoring datasheets and outcome mapping journals were prepared. The Logical Framework will be updated from time to time.

### 3.9.6 Observation Monitoring (Process Monitoring)

The M&E team has started the process monitoring/observation monitoring. The main objective is: to observe the Blue Gold activities which are running or completed to find progress or actions or constraints and/ or whether those activities are implemented as per the guideline of Blue Gold Program. The following findings M&E team have got through attending WMG monthly coordination meetings and visiting/observing FFS farmers' activities:

Working Place	Polder	M&E Observations
Kalai Kishore WMG, Galachipa, Patuakhali	43/2B	<b>Observation of WMG monthly coordination meeting:</b> <ul style="list-style-type: none"> <li>Surprisingly the female members were more vocal than the male members. They (female members) were asking questions about their saving money to the WMG president, but the president didn't answer them acceptably;</li> <li>We observed no systematic and updated records and documents, especially in keeping meeting minutes in regulation khata, writing saving records in scattered white sheet of papers;</li> <li>The members already received the bye-laws but we observed that they are not really familiar with them.</li> </ul>
BCJ (Britti Birala, Chandgarh, Jaliakhali) WMG, Dumuria, Khulna	29	<b>Observation of WMG Monthly Coordination Meeting:</b> <ul style="list-style-type: none"> <li>Secretary of the WMG EC Mr. Zahangir Hossain was very dominating (discussed for 95% time of the meeting);</li> <li>The President of the WMG Mr. Kumaresh Biswas was extremely silent during meeting discussion;</li> <li>Among three, one female member discussed few words, but maximum time they were silent;</li> <li>The rest of members discussed but they got very minimum opportunity to talk.</li> </ul>
Sahas Kumarghata DAE Blue Gold FFS (Phase out), Dumuria, Khulna	29	<b>Observation of Implementing Activity Spot:</b> <ul style="list-style-type: none"> <li>We visited this field when it was already phased out by the DAE, but we didn't have any problem to realize what type crops they cultivated in the field during the crop/vegetable season;</li> <li>The farmers are well informed about insects, fertilizers and cultivating methods;</li> <li>The farmers knowledge that they learned from DTs are well reflected in their own homestead field;</li> <li>During this observation, we observed some male group members as well who are neighbour of farmer Kallyani Kundu and were accompanied with us curiously. We observed that the female farmers are more efficient in</li> </ul>

		<p>sharing experience, active and successful in the field;</p> <ul style="list-style-type: none"> <li>Female farmers were also more responsible than the male farmers in terms of every succession of homestead gardening;</li> <li>Most importantly, with the people who didn't participate in FFS, a high quality of enthusiasm has been created to replicate the FFS activities on their own land.</li> </ul>
<b>Vennabunia DAE Blue Gold FFS of (completed), Batiaghata, Khulna</b>	30	<p><b>Observation of implementing activity spot:</b></p> <ul style="list-style-type: none"> <li>We observed a great interest among farmers in participating FFS;</li> <li>We observed different kinds of vegetables on the dikes of their ponds and their homestead fields;</li> <li>We also observed a good reflection of training results that were provided by DTs in the farmers fields;</li> <li>They (farmers) have gathered knowledge successfully on fertilizing, use of pesticides, and the cultivating process that they learned from FFS.</li> </ul>

### 3.9.7 Next Quarter Planning (April – June 2015)

**Table 26: M&E next quarter planning**

No.	Activities	Timeframe	Responsible Person/s
1	Output Progress Monitoring Report, based on component reports, followed by output indicators of logical framework	April 2015	M&E Expert
2.	Implementation of the Outcome Mapping Monitoring Plan	Semi-Annual	M&E Team
3.	Sharing meeting/ workshop on Outcome Mapping Monitoring results/data, followed by progress markers of the boundary partners	April 2015	International M&E Expert/ M&E Expert
4.	Refine Outcome Mapping progress markers scoring sheets based on Outcome data and comments of Component's and Experts	April- May	M&E Expert and International M&E Expert
5.	Observation Monitoring for supporting to Components, prepare Observation Monitoring Report	April-June.	M&E officers/ M&E Expert
6.	Regular Field visits of M&E Expert for supervision and quality control	April- June	M&E Expert
7.	Regular verify and check of Output Monitoring Data	April-June	M&E Officers

## 3.10 Institutional Strengthening

### 3.10.1 Status Overview of Activities

**Table 27: Status of progress of Institutional Strengthening activities (January - March 2015)**

SL	Planned activities	Subject	Timeframe	Progress
1	Prepared Partnership Strategy of Blue Gold Program	Institutional	-	Completed and circulated as Technical Report TR 12: Partnership Strategy
2	Updating of the draft format for key stakeholders analysis and plan	Institutional	Continues	On going
3	Provided support to Communication Expert on planning and organizing Mela jointly by WMOs and UPs	Institutional	-	2 Mela organized
4	Project orientation for Union Parishad at Polder-2, Satkhira	Institutional	Continues	2 Orientations held
5	Supported and facilitated the International Local Governance Consultant study on the	Institutional	February 2015	Completed and circulated as

	linkage and cooperation between WMOs and UPs and preparation of <u>Source Book</u> on linkage and cooperation between WMOs and UPs			Technical Report TR 13: Engaging Local Government Institutions In Water Management – DRAFT Sourcebook
6	Provided support to Communication Expert on preparation of Posters	Communication	March 2015	Completed
7	Briefed Upazila Parishad regarding cooperation regarding implementation of project activities	Institutional	Continues	Briefing held with 2 UZP Chairmen and UNO
8	Reviewed and provided feedback on the script and rough version of the Blue Gold video documentary	Communication	Need based	On going
9	Reviewed and provided comments on the BAWIN proposal on Water integrity	Institutional	-	Completed
10	Facilitated for enhancing cooperation among BWDB, WMOs and LGIs regarding availability of required land for re-sectioning of embankment and re-excavation of canal	Institutional	Need based	On going
11	Follow-up on deployment of Zonal Planning team of BWDB	Institutional	Continues	On going
12	Follow-up visit to/briefing meeting with UP and UZP	Institutional	Continues	On going
13	Facilitate for inclusion of WMO members in UP Standing Committees, UDMC and UDCC at Budhata UP, Polder-2, Satkhira	Institutional	-	WMO members included in the UP Standing Committees and other Committees
14	Linkage with Horizontal Learning Program (HLP)	Institutional	Continues	On going
15	Linkage with LOGIN	Institutional	Continues	On going

### 3.10.2 Next Quarter Planning (April – June 2015)

- Facilitation for project orientation for Union Parishad (UP)
- Follow-up visit/briefing meeting with UP/UZP to strengthen cooperation among UP, UZP and WMOs
- Follow-up and updating of the Stakeholders Action Plan
- Facilitate to link productive sector and value chain development with Union Parishad
- Follow-up on deployment of Zonal Planning Team of BWDB
- Facilitation for preparation of joint work plan on cooperation by the WMOs and UP through participatory workshop
- Preparation of Polder Development Plans (PDP)
- Support to Communication Expert regarding Radio program, Newsletter, IEC materials development
- Facilitation for enhancing cooperation among BWDB, WMOs and LGIs regarding availability of required land for re-sectioning of embankment and re-excavation of canal
- Assessment of Institutional setting at Polders
- Facilitate to establish linkage of Gender related activities with Union Parishad' regular activities
- Follow-up for review and updating of Gender strategy of BWDB
- Support to Chief Water Management office of BWDB regarding registration of WMOs
- Facilitation for linkage of DRR activities with Union Disaster Management Committee (UDMC) jointly with Environment Expert.
- Facilitation for cooperation with Max Foundation, BRAC Wash, Concern Universal Bangladesh (CUB), Shushilan and others
- Facilitation for linkage and cooperation with Horizontal Learning Program (HLP), LOGIN and other Networks



### 3.10.3 Cooperation with Other Projects

Table 28: Cooperation with Other projects/organizations/Networks

Project/Organization/Networks	Related to project/program	Contact made	Potential for collaboration
<b>Japan International Cooperation Agency (JICA)</b>	Linkage between LGIs and CBOs	Senior Advisor, Local Government	Linkage between WMOs and LGIs
<b>Water and Sanitation Program, World Bank</b>	Horizontal Learning Program	Senior Decentralization Specialist	Cooperation with LGI Network and Mutual learning among WMOs and UPs
<b>PSSWRDP</b>	Participatory Water Management	Project Director and Deputy Team Leader	Role of LGI in infrastructure development
<b>Max Wash</b>	Water and Sanitation	Executive Director	Cooperation among UP, WMOs regarding drinking water and sanitation facilities
<b>HYSAWA Fund</b>	Hygiene Sanitation and Water	Team Leader and Project and Director Program	LGI and Community participation in water and sanitation infrastructure development
<b>BRAC Wash</b>	Water and Sanitation	Field Engineers	Cooperation among UP, WMOs regarding drinking water and sanitation facilities
<b>Union Parishad (UP)</b>	LGI involvement	Chairman, member (female, male) and Secretary	Cooperation regarding implementation of project activities, conflict resolution and sustainability
<b>Upazila Parishad(UZP)</b>	LGI involvement	Chairman, Vice-Chairman (female, male) and UNO	Cooperation regarding implementation of project activities, conflict resolution, linkage of DRR activities with UDMC
<b>CDSP, BWDB</b>	LGI involvement in CDSP	PCD	LGI involvement in PWM
<b>LGED, MoLGRD&amp;C</b>	Local Governance	Deputy Director, Local Government	Cooperation between WMOs and LGIs
<b>World Bank</b>	Governance and service improvement	Governance Consultant	Future potentials of cooperation among WMOs and LGIs
<b>Horizontal Learning Program (HLP)</b>	Peer-learning network of LGIs	Focal Person and Partners	Cooperation among WMOs and LGIs
<b>Local Governance Initiative (LOGIN)</b>	Local Governance Network	SDC Program officer , LOGIN Country Facilitator and other members	Linking with Local Governance Network. Capacity building through experience sharing, exchange of innovative good practices among UPs, WMOs and CBOs

## 4. Main Challenges

### 4.1 Component 1

#### 1 Formation of WMGs at small hydrological units

The Guidelines for Participatory Water Management (GPWM) recommends that WMG will be formed “at the lowest level for each smallest hydrological unit or social unit (Para/Village)”. The Participatory Water Management Rules 2014 (PWMR 2014) suggests that WMG will be formed “at the primary level” but it does not elaborate the characteristics of the primary level. As presented and discussed with BWDB, initial WMGs formed in the new polders considered mainly hydrological basis (common drainage facility used e.g. sluice/khal/outlet/inlet), natural and administrative boundaries, and existing social cohesion. Moreover, decision-making process on identifying WMG boundaries involved series of consultation meetings with polder people, UP/LGI representatives, and BWDB field level staff. Now the directive from the CWM and the PCD is that “WMGs are to be formed based on small hydrological unit”, which means that other factors/considerations will not be observed in forming a WMG. It is a challenging task to form WMGs on the basis of “hydrological unit” only because people in polder areas tend to consider the other factors mentioned. This new directive will also be challenging to implement if the previous participatory/ consultative process in identifying WMG boundaries will be maintained.

#### 2 WMG Registration with BWDB and WMA Formation

There are 6 remaining WMGs not yet registered with BWDB in Patuakhali. Registration of 4 WMGs that have filed their applications had been held up due to pending court cases filed by those who lost in the EC election. The other 2 WMGs have not yet filed their registration application, as follows: 1) Chalitabunia WMG had a slow progress because many of its members (existing and potential) were disappointed when the khal within their area was not included in the first priority of earthworks for implementation under Blue Gold which also happened during IPSWAM; 2) In the case of Purba Sarikkhali WMG, this will be dropped because majority of its members (existing and potential) are residing in an area adjacent to the town proper and they are not interested on water management.

While WMG registration is important in its own right, registration of those WMGs is also important in the context of WMA formation. Registration of all WMGs within a catchment area/WMA boundary is necessary for WMA formation. It is apprehended that, if an attempt is made to form WMA without representation from the un-registered WMGs, even court case may be filed by some contending parties and that may delay WMA formation process for an indefinite period.

#### 3 Cases filed against Blue Gold staff members

The cases filed against Blue Gold staff members by politically motivated WMO members and by NGO Nijera Kori, reported in last Quarterly Report, are still unresolved. On the one hand, it brings mental pressure on the staff, and on the other, it wastes working time.

#### 4 Accomplishment of LCS work within BWDB time frame:

This year LCS work is implemented under the Participatory Water Management Rule-2014. As per the Rules, BWDB makes contract with WMG and then WMG makes another contract with LCS. The status of LCS activities as of 31 March 2015 is as follows:

<i>Districts</i>	<i>No. of LCSs formed</i>	<i>No. of LCSs received training</i>	<i>No. of LCSs received work order</i>	<i>No. of LCSs started work</i>
<b>Patuakhali &amp; Barguna</b>	69	61	45	0
<b>Khulna &amp; Satkhira</b>	82	75	55	22
<b>TOTAL</b>	<b>151</b>	<b>136</b>	<b>100</b>	<b>22</b>

It shows that the progress of LCS activities is very gloomy. First of all, there is a big gap between the numbers of LCSs formed and work order given; it creates frustration among LCS members. Secondly, only a few have actually started working. Now that it has already started raining (and with rain tidal pressure is likely to increase), it will be real challenge for LCSs to complete work, not to mention maintaining quality of work.

### **5 Election of WMA Executive Committees**

One of the challenges in the process of election of Executive Committee (EC) for WMA is to get good leaders elected. It is observed that many local leaders are interested to become members of WMA EC, some of whom are politically motivated. In some cases, even political leaders from outside the polder areas interfere in the elections; they try to get their party-men in the EC. So, sometimes there is conflict among the contending parties, which delays election process.

### **6 Challenges in Mainstreaming Gender**

- Due to the broad range of different activities in the field of Blue Gold, it is a challenge for the gender expert to follow-up on gender issues in all the activities of all components. Key staff in each component should be mainly responsible for integrating gender in their components with support from gender expert when needed
- Gender Training is needed for all the layers of Blue Gold staff along with the third parties (like: BWDB, DAE).
- It is a challenge for us to ensure effective participation of women in the EC of WMOs. The proposed Gender and Leadership Training will help address this
- It is also hard to find women who participate in value chains that require access to land, investment/ money, equipment etc. which also generate good profit. Instead women are mainly involved in value chains which are less commercial. Therefore, there is sometimes less scope to substantially increase the income of women.

## **4.2 Component 2**

- 1 Because of participatory water management rules 2014, formation and registration of WMGs were delayed, which in turn delayed formation and training of LCSs. This might affect overall progress of implementation works in 2014-15.
- 2 Because of different internal causes, like frequent transfer of field XENs or delayed posting of field XENs, work order to LCSs could not be given in time. This delayed the start of LCS works which in turn might affect the overall progress.
- 3 Due to non-availability of land and earth overall quality and progress of work may be hampered.

## **4.3 Component 3**

Several DAE activities had to be cancelled as no funding could be made available. The reasons for this delay are related to earlier Statement of Expenditures (Jan-June 2014 and Jul-Dec 2014) which have not been approved.

## **4.4 Component 4**

The process of Polder Development Planning halted during the third quarter of 2014 and restarted at the end of this reporting period. This process will result in a Value Chain Selection for the respective polder. Besides selecting a crop linked to water resource management and with broad impact

potential, our portfolio approach foresees for value chains contributing to secondary objectives of Blue Gold.

The main challenge remains to link water resource management to present or potential production (agriculture/fisheries) systems on catchment level basis, and subsequently support those value chains whose productivity and profitability stands to benefit from improved water resource management and which will impact most on the economic development of the polder, and in turn on poverty reduction. Failing to establish functional water resource management makes other efforts at the core of Blue Gold largely obsolete.

Besides sustainable water resource management, farmers (men or women) require the capacity to adapt to environmental and ever changing market conditions. Networking is part of our exit strategy and renewed efforts will be undertaken to bring DAE into the MFS programme. Most households being poor, and most productivity improvements demanding higher investments, the present high cost of capital constitutes a critical barrier in bringing the opportunities to fruition. The set back with BCUP is of concern in this respect.

The MFS being a three year involvement to allow producer groups to explore and develop collective efficiencies, is resource demanding. Resource Farmer (RF) training initiatives are aimed at gradually taking over Producer Group Facilitator (PF) roles and responsibilities as part of our exit strategy. We hope this will allow PFs to expand their support to additional producer groups from next year onward. As this will at best allow for a limited expansion, other resources will be required to field more PFs from 2016 onwards in order to support the value chains which aim to exploit improved water resource management.

## 5. Financial Overview

The overall project budget as laid down in the Administrative Agreement (AA) of 20 February 2013 amounts to EUR 57,700,000 including the contribution of the Government of Bangladesh (BWDB and DAE) of EUR 7,855,000.

The following two tables provide an overview of the GoB and GoN (RPA and DPA) contributions and a budget overview of the TA contract at the end of March 2015.

**Table 29: GoB and GoN contributions**

Agency	Financial and TA Contribution			
	GoB Contribution (€ x 1,000)	GoN Contribution		
		RPA (€ x 1,000)	DPA (€ x 1,000)	PA (€ x 1,000)
BWDB	7,499	15,750	33,100	48,850
DAE	355	995	-	995
<b>Total for Blue Gold Program (as per AA)</b>	<b>7,855</b>	<b>16,745</b>	<b>33,100</b>	<b>49,845</b>

\*100 Tk = 1 €

EKN confirmed on 02 March 2015 that FAPAD Audit reports of both BWDB & DAE Components of the Blue Gold Program for the period of 01 December 2013 to 30 June 2014 have been approved by EKN.

**Table 30: Budget Overview 31 March 2015 – TA, Contracted Services & Equipment, Training and Operational Costs**

	Original Budget	Total claimed 31-12-2014	Claimed Q 1, 2015	Total cumulative	Percentage spent
				31-03-2015	%
<b>TA contract</b>					
TA team – Component 1	4,337,926	1,184,882	155,241	1,340,123	31%
TA team – Component 2	2,852,156	698,388	123,739	822,127	29%
TA team – Component 3	3,552,313	764,152	146,761	910,913	26%
TA team – Component 4	2,077,640	512,611	100,299	612,910	30%
Program Management	1,988,418	464,983	84,018	549,001	28%
Equipment	1,169,053	562,777	22,964	585,741	50%
Training	2,456,500	152,460	93,908	246,368	10%
Operational cost	1,272,600	452,424	104,005	556,429	44%
Contracted Services	7,542,000	617,944	169,338	787,282	10%
Water Management Innovation Fund	2,400,000	100,314	6,394	106,708	4%
Productive Sectors Innovation Fund	1,900,000	0	0	0	0%
<b>SUBTOTAL TA contract</b>	<b>31,548,606</b>	<b>5,510,936</b>	<b>1,006,665</b>	<b>6,517,601</b>	<b>21%</b>
GoN Contribution to BWDB	15,750,000	1,216,000	0	1,216,000	8%
GoN Contribution to DAE	995,000	257,000	0	257,000	26%
<b>Total GoN Contribution</b>	<b>48,293,606</b>	<b>6,983,936</b>	<b>1,006,665</b>	<b>7,990,601</b>	<b>17%</b>

## Appendix 1. Staffing Status

### A-1 Blue Gold – Technical Assistance Team staffing as per 31 March 2015

Designation	Name	Total planned input (days)	Inputs upto 31 December 2014 (days)	Input Q1 2015 (days)	Cumulative input (days)	% of time utilized
<b>Component 1</b>						
<b>International experts:</b>						
Long term	Victoria Pineda	1,320	381	49	430	33%
Short term	Kitty Bentvelsen/ Geert Rhebergen	374	180	8	188	50%
<b>National experts:</b>						
<b>Dhaka</b>						
Development Planner/DTL	Alamgir Chowdhury	1,302	383	64	447	34%
Sr. Socio-Economist/DCL	John Marandy	1,302	400	49	449	34%
Sr. Sociologist/Cooperative Expert	Showkat Ara	1,085	216	64	280	26%
Community Organisation Expert	F.M. Shorab Hossain	1,302	432	64	496	38%
Gender Coordinator	Priodarshine Auvi	880	53	57	110	13%
Gender Expert	Khuku Chakrabarty	1,302	320		320	25%
<b>Khulna</b>						
Socio-economist 1, Khulna	M. Jashim Uddin	1,302	391	48	439	34%
Socio-economist 2, Khulna	Ummay Asma Khanam	1,223	328	59	387	32%
Socio-economist 3, Khulna	Md. Nazrul Islam Sarker,	868	52	57	109	13%
<b>Patuakhali</b>						
Socio-economist 4, Patuakhali	Mator Rahman	1,302	396	61	457	35%
Socio-economist 5, Patuakhali	Tahmina Akter	1,223	342	58	400	33%
Socio-economist 6, Patuakhali	Bithika Hazra,	868	53	58	111	13%
<b>Satkhira</b>						
Socio-economist 7, Satkhira	TBN	868	0	0	0	0%
Socio-economist 8, Satkhira	TBN	868	0	0	0	0%

Community Organisers (Khulna 22, Satkhira 08; Patuakhali 20)	TBN	68,138	14,456	2,192	16648	24%
<b>Technical/administrative staff:</b>						
Data Entry Operator (2)		3,472			0	0%
<b>Subtotal TA team</b>		<b>88,999</b>	<b>18,383</b>	<b>2,888</b>	<b>21,271</b>	<b>24%</b>
<b>Component 2</b>						
<b>International experts:</b>						
Long term	Dirk Smits	1,320	369	58	427	32%
Short term	Andrew Jenkins	330	6	0	6	2%
<b>National experts:</b>						
<b>Dhaka</b>						
DCL (Water Resource Management)	Mofazzal Ahmed	1,263	407	57	464	37%
Quantity Survey Engineer	Mahmudur Rahman Aveek	1,164	282	60	342	29%
Reimbursement Engineer	Farzana Rahman Moury	1,085	229	67	296	27%
Quantity Survey Assistant	Jinat Rehana	1,164	284	58	342	29%
Reimbursement Assistant	Tahmina Akter Tunny	1,085	225	60	285	26%
<b>Khulna</b>						
Civil engineer, Khulna	Mainul Islam	1,203	256	59	315	26%
Sr Field QC Engineer 1, Khulna	Azizur Rahman	1,263	410	62	472	37%
Field QC Engineer 2, Khulna	Moshiur Rahman/Abdul Hannan	1,164	401	148	549	47%
Sub-Assistant Engineer, Khulna	Md. Amanullah	1085	190	51	241	22%
ATO CAD Operator, Khulna	Sk. Abdul Alim	1164	290	67	357	31%
Environment Expert/DRR	Kabil Hossain	967	124	55	179	19%
Mechanical Engineer, Patuakhali	S. M. Ahsan Ahmed Bapi	1,164	379	59	438	38%
Irrigation Agronomist, Khulna (3 districts)	Shahar Uddin	195	195		195	100%
Irrigation/drainage engineer, Khulna	Mustafizur Rahman	239	239		239	100%
<b>Patuakhali</b>						
Civil engineer, Patuakhali	Delower Hossain	1,164	259	63	322	28%
Jr Field QC Engineer 1, Patuakhali	Shahidullah	1,164	379	58	437	38%

Jr Field QC Engineer 2, Patuakhali	S.M.Zakir Hossain	1,085	210	56	266	25%
Sub-Assistant Engineer, Patuakhali	Md. Nur Islam	1085	177	56	233	21%
<b>Satkhira</b>						
Civil engineer, Satkhira	S.M. Saiful Islam	1,164	276	65	341	29%
Sub-Assistant Engineer, Khulna (Satkhira)	Md. Sadeque Ali	1085	198	57	255	24%
<b>Subtotal TA team</b>		<b>22,602</b>	<b>5,785</b>	<b>1,216</b>	<b>7,001</b>	<b>31%</b>
<b>Component 3</b>						
<b>International experts:</b>						
Long term	Hein Bijlmakers	1,320	371	46	417	32%
Short term	TBN	330	0	0	0	0%
<b>National experts:</b>						
<b>Dhaka</b>						
Agriculturalist 1/ DCL	Muhammad Ashraf Islam	1,243	359	62	421	34%
Agriculturalist 2	Sumona Rani Das	1,184	276	60	336	28%
Fish Expert	Shamsul Huda	1,184	404	67	471	40%
Livestock Expert	Munir Ahmed	1,263	306	62	368	29%
<b>Khulna</b>						
Agriculturalist, Khulna	Md. Zahangir Alam	1,203	257	54	311	26%
TC/Master Trainer (OFWM Specialist), Khulna	Md. Abdullah Sani	1,203	268	64	332	28%
<b>Patuakhali</b>						
Mechanisation/ Processing Expert 1, Patuakhali	Anayet Hossain	868	379	61	440	51%
Mechanisation/Processing Expert 2	TBN	1,184	0	0	0	0%
Mechanisation/Processing Expert 3 -on farm mech.	TBN	1,184	0	0	0	0%
Master Trainer (Rice & Fish)	Md. Shameem Ahmed Yousuf	1,203	275	57	332	28%
TC/Master Trainer (High-value Cash Crops)	TBN	1,203	0	0	0	0%
Master Trainer (Rice Agronomist)	Md. Alam Hossain	1,203	367	51	418	35%
<b>FFS facilitators (Khulna -10, Patuakhali-13)</b>	TBN	<b>22,805</b>	<b>5,351</b>	<b>1204</b>	<b>6555</b>	<b>29%</b>
<b>Subtotal</b>		<b>38,580</b>	<b>8,613</b>	<b>1,788</b>	<b>10,401</b>	<b>27%</b>
<b>Component 4</b>						
<b>International experts:</b>						
Long term	Karel T'Jonck	660	185	27	212	32%



Short term	Jaap de Heer/TBN	308	23	0	23	7%
<b>National experts:</b>						
<b>Dhaka</b>						
Value Chain Expert/ DCL	Tanvir Islam	1,184	406	57	463	39%
Private Sector Development Expert	A.S.M. Shahidul Haque	1,263	359	61	420	33%
Investment Expert	Md. Anisur Rahman	1,085	248	19	267	25%
Jr. Private Sector Expert	TBN	1,085	0	0	0	0%
<b>Khulna</b>						
Business Dev. Coordinator 1, Khulna	Shusanto Roy	1,184	306	55	361	30%
Business Dev. Coordinator 2, Khulna	Md. Shamim Alom	1085	135	61	196	18%
<b>Patuakhali</b>						
Business Dev. Coordinator 3, Patuakhali	Abdullah Al Mamun	986	275	54	329	33%
Business Dev. Coordinator 4, Patuakhali	Md. Rabiul Alam	1,085	214	61	275	25%
Business Dev. Coordinator 5, Patuakhali	Md. Shaifullah	1085	67	61	128	12%
Jr. Gender/IGA Specialist	Jhorna Begum	1,203	281	59	340	28%
Good Governance	AKM Saifullah	594	0	0	0	0%
<b>Technical/administrative staff:</b>						
Administrative Assistant	TBN	1,203	22	0	22	2%
<b>Subtotal</b>		<b>14010</b>	<b>2,521</b>	<b>515</b>	<b>3,036</b>	<b>22%</b>
<b>Program Management</b>						
<b>International experts:</b>						
Short term	Hero Heering	132	72	11	83	63%
<b>National experts:</b>						
<b>Dhaka</b>						
National Project Coordinator	TBN	1,243	0	0	0	0%
Program Manager	Proteeti Masud	880	53	60	113	13%
Communication Expert	Anis Parvez	1,302	366	56	422	32%
Institutional/Legal Advisor	Aowlad Hossain	1,243	351	56	407	33%
M&E Expert	Shital Krishna Das	1,263	348	61	409	32%
Training Expert	Abul Kashem	1,302	405	63	468	36%
Training Coordinator Dhaka	Khairul Islam	1,243	289	61	350	28%
Disaster Risk Reduction Expert/ Program Manager	Syeda Sajeda Haider	258	258	54	312	100%
<b>Khulna</b>					0	

M&E Officer 2	Nurur Rahman	1,085	225	62	287	26%
<b>Patuakhali</b>						
M&E Officer 1	Zakir Hossain	1,243	274	58	332	27%
Subject matter specialists/Field Training Org.	TBN-Trg Coordinator-3 (K-2,P-1)	8,200	313	189	502	6%
<b>Subtotal</b>		<b>19,394</b>	<b>2,954</b>	<b>731</b>	<b>3,685</b>	<b>19%</b>
<b>Support Staff</b>						
<b>Dhaka</b>						
Operation Manager	Shahanaz Jahan Pushon	213	213	55	268	100%
Finance Manager	AFM Hedayat-UI-AI-Arif	1,282	385	63	448	35%
Asst. Manager- (IT)	Shahabuzzaman	1,263	342	60	402	32%
Office Manager (Dhaka)	Abu Zahir	848	350	60	410	48%
Finance and Administration Officer	Naeem Farhad Islam	1,243	342	57	399	32%
Receptionist	Yesmin Akther	1,302	416	60	476	37%
Secretary	Yasmin Ara Rekha	1,302	367	60	427	33%
<b>Khulna</b>						
Manager/Account Assistant (zonal offices)	Rabiul Alam	1,263	365	61	426	34%
Finance Assistant	Humaira Sultan	1263	149	54	203	16%
<b>Patuakhali</b>						
Office Manager	Md. Moniruzzaman Patwary	1,263	366	63	429	34%
Finance Assistant	Shahabuddin Ahmed	1,263	241	62	303	24%
Data Entry Operator	TBN/ Md. Moniruzzaman	1263	247	60	307	24%
Support staff/office assistant	Mustafa/Uttam Kumar/TBN	3,906	782	61	843	22%
Drivers	TBN (12 drivers)	15,407	2041	666	2707	18%
Messengers/Cleaner	TBN	5,208	1359	136	1495	29%
<b>Subtotal</b>		<b>38,288</b>	<b>7,965</b>	<b>1,578</b>	<b>9,543</b>	<b>25%</b>
<b>TOTAL</b>		<b>221,873</b>	<b>46,221</b>	<b>8,716</b>	<b>54,937</b>	<b>25%</b>

## A-2 Blue Gold – Bangladesh Water Development Board staffing

The staffing situation of the BWDB Central Planning Unit (DP III) and the BWDB Zonal offices on 31 March 2015 is given below. Not all staff mentioned is assigned to the Blue Gold Program yet.

In the zonal offices there is a lack of qualified staff. In the next quarter when preparation of designs and cost estimates should be in full swing, a continued understaffing at zonal level would seriously hamper the implementation of civil works in the polders.

S.N.	Name of the Post	Qty.	Post filled (Y/N)? - Name	Remarks & Comments
<b>Central Planning Cell Dhaka (planned: 19 staff)</b>				
1.	Project Director & Program Coordinating Director (PCD)		Sujoy Chakma	
2.	Chief Agronomist		Md. Enamur Rahman	
3.	Executive Engineer (EE)		Md. Abul Kausar	
4.	Deputy Chief (Fishery)		Md. Rahmat Ali	
5.	Hydraulic Engineer / Sub-Divisional Engineer (SDE)			
6.	Sub-Divisional Engineer (SDE)		Nasrin Akhter Khan	
7.	Assistant Engineer Civil Engineer/ SDE AE		Md. Shahinur Rahman	
8.	Assistant. Chief (Sociology)		Shafiqul Islam	
9.	Assistant. Chief (Economics)		Shahnaz Akter	
10.	Assistant Engineer		Asif Ahmed	
11.	Assistant Engineer		Md. Shariful Alam	
12.	Sub-Assistant Engineer (Civil)/ Estimator		Md. Shalah Uddin	
13.	Draftsman (Gr-A)	2	Mr. Sunil Chandra Majumder  Mr. Md. Anwar Hossain Khan	
14.	Stenographer		Mr. Prasanta Kumar Das	
15.	Draftsman (Gr-A)	2	Mrs. Pervin Mustary  Mst. Soheli Pervin	
16.	LDA/DEO		Md. Rustom Ali	
17.	Tracer		Mr. Md. Ruhul Amin	
18.	Driver	4	Mr. Md. Mazibur Rahman Khan  Mr. Md. Rafiqul Islam  Mr. Md. Abdul Matin  Abdul Aziz	
19.	DMO		Mr. Md. Humayun Kabir	
20.	Guard cum Chowkider		Mr. Md. Nazrul Islam	
21.	Gate Operator		Mofizuddin & Abdul Hamid	
<b>Zonal Planning cell South-Western Zone Khulna (planned 10 staff)</b>				
22.	Executive Engineer (XEN)	2	Mojibur Rahman Division 1  Pijush Karishna Kunda, O&M Division 2;	
23.	Hydraulic Engineer / SDE	2	Pijush Karishna Kunda Division 2;  Deboprotim Hawladar	

			Division 1	
24.	Civil Engineer / Asstt Engineer (AE)	1	Md. Ishak Ali	
25.	Account Clerk	1	Md. Hadisur Rahman	
<b>Zonal Planning cell Southern Zone Barisal (planned 10 staff)</b>				
26.	Executive Engineer (XEN)	3	Probir kumar , O&M (in charge) Division Patuakhali;  Shahidul Islam , O&M Division Barguna	
27.	Hydraulic Engineer/ SDE	3	Md. Abdul Motalib Division Patuakhali;  Shahanawz Talukder WDD Division Kalapara;  Md. Abul Khaier, O&M Division Barguna	
28.	Civil Engineer/ Asstt Engineer (AE)	2	Shahidul Islam, WDD Division Kalapara Nurul Islam, O&M Division Patuakhali	
29.	Quality Control Engineer/ AE	2		
30.	Assistant Chief/ Research Officer (Econ)	1		
31.	Assistant Chief/ Research Officer (Socio)	1		
<b>S.N.</b>	<b>Name of the Post</b>	<b>Qty.</b>	<b>Post filled (Y/N)? - Name</b>	<b>Remarks &amp;Comments</b>
<b>Central Planning Cell Dhaka (planned: 19 staff)</b>				
32.	Project Director & Program Coordinating Director (PCD)		Sujoy Chakma	
33.	Chief Agronomist		Md. Enamur Rahman	
34.	Executive Engineer (EE)		Md. Abul Kausar	
35.	Deputy Chief (Fishery)		Md. Rahmat Ali	
36.	Hydraulic Engineer / Sub-Divisional Engineer (SDE)		Kamruzzaman Khan	
37.	Sub-Divisional Engineer (SDE)		Nasrin Akhter Khan	
38.	Assistant Engineer Civil Engineer/ SDE / AE		Md. Shahinur Rahman	
39.	Assisstant. Chief (Sociology)		Shafiqul Islam	
40.	Assisstant. Chief (Economics)		Shahnaz Akter	
41.	Assistant Engineer		Asif Ahmed	
42.	Assistant Engineer		Md. Shariful Alam -	
43.	Sub-Assistant Engineer (Civil)/ Estimator		Md. Shalah Uddin	
44.	Draftsman (Gr-A)	2	Mr. Sunil Chandra Majumder  Mr. Md. Anwar Hossain Khan	

45.	Stenographer		Mr. Prasanta Kumar Das	
46.	Draftsman (Gr-A)	2	Mrs. Pervin Mustary Mst.  Soheli Pervin	
47.	LDA/DEO		Mr. Md. Salah Uddin Khan	
48.	Tracer		Mr. Md. Ruhul Amin	
49.	Driver	4	Mr. Md. Mazibur Rahman Khan  Mr. Md. Rafiqul Islam Mr. Md. Abdul Matin Abdul Aziz	
50.	DMO		Mr. Md. Humayun Kabir	
51.	Guard cum Chowkider		Mr. Md. Nazrul Islam	
52.	Gate Operator		Mr. Md Osman Ali	
<b>Zonal Planning cell South-Western Zone Khulna (planned 10 staff)</b>				
53.	Executive Engineer (XEN)	2	Md. Muzibur Rahman, O&M Division 2;  Apurba Kumar Baoumik, O&M Division 1	
54.	Hydraulic Engineer / SDE	2	Pijush Karishna Kunda Division 2;  Deboprotim Hawladar Division 1	
55.	Civil Engineer / Asstt Engineer (AE)	1	Md. Ishak Ali	
56.	Account Clerk	1	Md. Hadisur Rahman	
<b>Zonal Planning cell Southern Zone Barisal (planned 10 staff)</b>				
57.	Executive Engineer (XEN)	3	Md. Shafi Uddin, O&M (in charge) Division Patuakhali;  Md. Shafi Uddin, WDD Division Kalapara;  Md Abdul Malek, O&M Division Barguna	
58.	Hydraulic Engineer/ SDE	3	Md. Abdul Motalib Division Patuakhali;  Shahanawz Talukder WDD Division Kalapara;  Md. Abul Khaier, O&M Division Barguna	
59.	Civil Engineer/ Asstt Engineer (AE)	2	Shahidul Islam, WDD Division Kalapara  Nurul Islam, O&M Division Patuakhali	
60.	Quality Control Engineer/ AE	2		
61.	Assistant Chief/ Research Officer (Econ)	1		
62.	Assistant Chief/ Research Officer (Socio)	1		

## Appendix 2. Report Overview

No.	Name	Date
IR	Final Inception Report	31 Mar, 2014
AR	Annual Plan 2014	06 Feb, 2014
AR	Annual Plan 2015	29 April 2015
<b>Quarterly Progress Reports</b>		
QPR 01, 2013	Progress Report 2013, Q2+Q3 (April – September 2013)	10 Dec, 2013
QPR 02-03, 2013	Progress Report 2013, Q4 (October – December 2013)	26 Feb, 2014
QPR 01, 2014	Progress Report 2014, Q1 (January – March 2014)	15 May, 2014
QPR 02, 2014	Progress Report 2014, Q2 (April – June 2014)	04 August 2014
QPR 03, 2014	Progress Report 2014, Q3 (July – September 2014)	17 November 2014
QPR 04, 2014	Progress Report 2014, Q4 (October – December 2014)	15 February 2015
<b>Technical Reports</b>		
TR 01	Proceedings of the Workshop on Blue Gold Draft Inception Report Presentation, 26 June 2013	Sep, 2013
TR 02	Health & Safety Measures	18 Dec, 2013
TR 03	WMO Functionality Assessment in four polders	12 Dec, 2013
TR 04	Introduction to the M&E Manual	17 Dec, 2013
TR 05	Geo information for Blue Gold: Inventory of needs, data collection and roadmap for implementation	01 Dec, 2013
TR 06	Household Survey Report – Polder 22, 30, 43/2D and 43/2F	31Mar, 2013
TR 07	Field Trip Reports 2013	31 Mar, 2014
TR 08	Operational Manual for Output and Outcome Monitoring	April, 2014
TR 09	Water Management Organisations - Comparative Analysis	April, 2014
TR 10	Outcome of WMO functionality assessment, Volume 2 (five polders)	02 September 2014
TR 11	Training Plan 2013-2019	15 January 2015
TR 12	Partnership Strategy 2014-2019 of Blue Gold Program	12 January 2015
TR 13	Engaging Local Government Institutions In Water Management – DRAFT Sourcebook	19 March 2015
TR 14	Baseline Survey Report	31 March 2015
TR 15	Communication Strategy	05 May, 2015
TR 16	Field Trip Reports of 2014	
TR 17	Semi Annual Outcome Monitoring Report	05 May, 2015
<b>Workshop Reports</b>		
	Orientation on Blue Gold Program for DAE Officials Khulna	16 Nov, 2013
<b>Training Reports</b>		
	Training of Trainers Course for FFS Organizers	02-14 Nov, 2013
<b>Field Trip Reports, 2015</b>		
FTR 01	FTR of component 1 in Patuakhali and Khulna Jan 13 to 23 2015	17 May 2015

FTR 02	FTR of component 1 in Patuakhali and Khulna Jan 13 to 23 2015	17 May 2015
FTR 03	FTR of component 1, Gender in Patuakhali and Khulna Jan 26 to 29 2015	17 May 2015
FTR 04	FTR of component 1 in Patuakhali and Khulna Jan 25 to 30 2015	17 May 2015
FTR 05	FTR of component 1 in Khulna Feb 07 to 13 2015	17 May 2015
FTR 06	FTR of component 1 in Patuakhali Feb 07 to 13 2015	17 May 2015
FTR 07	FTR of component 1, Gender in Khulna Feb 22 to 27 2015	17 May 2015
FTR 08	FTR of component 1 in Patuakhali Feb 21 to 27 2015	17 May 2015
FTR 09	FTR of component 1 in Khulna & Patuakhali Mar 7 to 13 2015	17 May 2015
FTR 10	FTR of component 1 in Khulna Feb 21 to 27 2015	17 May 2015
FTR 11	FTR of component 4 in Patuakhali Jan 18 to 23 2015	17 May 2015
FTR 12	FTR of component 4 in Khulna Feb 8 to 13 2015	17 May 2015
FTR 13	FTR of component 4 in Khulna & Patuakhali Feb 21 to 27 2015	17 May 2015
FTR 14	FTR of component 4 in Khulna Apr 18 to 23 2015	17 May 2015
FTR 15	FTR of component 4 in Patuakhali Apr 19 to 23 2015	17 May 2015
FTR 16	FTR of Team Leader in Polders 2, 23, 29 Apr 15 to 16 2015	17 May 2015

## Appendix 3. Mission Report of International Gender Expert October 2014

### 3.1 Objective of the mission

This was the fifth visit of the international gender expert to the Blue Gold Program. The first and second visits, in March-April and June-July 2013, involved the development of the Blue Gold gender approach, also contributing to the inception report. The visit of October – November 2013 aimed at the operationalization of the gender approach into more concrete activities. The mission in March 2014 allowed the participation in key planning meetings (retreat and polder development plan) and involved much work with the new gender expert, who had joined Blue Gold in February 2014. As she resigned in September 2014, again a new gender expert was contracted, who joined Blue Gold at October 12 2014, the same date the international expert arrived.

The main objectives of the October 2014 mission were:

- Orientation of the new Blue Gold national gender expert;
- Conducting a joint field visit; and
- Follow-up on the implementation of the Blue Gold gender strategy.

Annex 1 provides an overview of the itinerary and main activities, including persons met. This report describes the main activities of the international expert during the mission, as well as the activity plan for the new gender expert.

### 3.2 Main activities and issues

#### 3.2.1 Orientation of the new national gender expert and finalizing her ToR

Per October 12 2014 Ms. Priodarshine Auvi started her work as Blue Gold's national gender expert replacing Ms. Kuku Chakraborty, who had resigned. Blue Gold's Gender Strategy was discussed and the modalities and status of its implementation so far. Ms. Priodarshine will support and follow-up on the integration of gender issues in all Blue Gold components, however, the focus of her own active involvement will be on supporting the implementation of gender training and gender in component 1. In particular, she will contribute to raising gender awareness among communities and WMO members, especially to ensure women's active participation in WMOs in the new polders. After having considered positioning Ms. Priodarshine within Blue Gold's Training Team, it was decided that joining the Component 1 team would be more appropriate, but still maintaining a close working relationship with the Training Team. Towards the end of this mission, her ToR was finalized (Annex 2) and a draft work plan for approximately the next 6-8 months prepared (Annex 3). Her official designation will be "Gender coordinator".

### 3.3 Gender training

Gender training was extensively discussed during this mission: (1) by commenting on the draft Training Plan presented by Blue Gold's Training Team; (2) in discussions about the need for gender related training within Component 1; and (3) other gender training issues. These discussions can be summarized as follows:

#### Comments on Blue Gold's Training Plan

- Blue Gold is outsourcing much of its training, including training to WMO representatives, which is necessary considering the envisaged amount of training. This requires that consistency in training content should be supervised closely, which also applies to outsourced gender training and



to gender perspectives that need to be integrated in all training whenever relevant. The Training Unit will closely guide and monitor outsourced training, including curricula development. With support of the gender coordinator the integration of relevant gender issues in all training curricula will be promoted. Moreover, it will also be encouraged that the messages Blue Gold uses in promoting gender equality and women's empowerment are consistent in all training materials.

- For all training courses target groups need to be further defined and should include targets for the proportion of participating men and women (e.g. at least one third women and one third men). Targets will depend on the kind of training and the composition of the target group.
- The Training Team will ensure that all monitoring data on training participants will be gender-disaggregated, including in reporting.

#### **Gender training in collaboration with Component 1**

- Gender and Leadership Training will be provided for selected members of the Executive Committees of WMGs, to start with in the IPSWAM polders, through 3 day training workshops. At the last day of this training, the participants will prepare a gender action plan for their own WMG. Such plans will be relatively simple (e.g. one overhead sheet) summarizing their own intentions on what they want to improve in their own community regarding gender relations<sup>1</sup>.
- Gender Awareness sessions to COs to equip them with skills and knowledge to raise gender awareness among communities and WMG members to achieve women's active participation in WMGs and other Blue Gold activities (especially focusing on the new Blue Gold polders).
- A 1-day women's leadership training for potential women leaders in new polders may be organized based on a needs assessment.

#### **Other gender related training and workshops foreseen for the next semester:**

- Gender orientation workshops for Blue Gold staff, including on Blue Gold's anti-harassment policy.
- Input on social and gender issues for the curriculum for LCS training (in coordination with C2 and Jhorna Begum).

### **3.4 Proposal for vocation training submitted by UCEP**

On the request of Blue Gold's Team Leader and in coordination with the Training Coordinator, the proposal of UCEP for a Technical and Vocational Training Project (TVET) for youth from Blue Gold polders was reviewed to provide general and gender related comments. Main findings:

1. The proposal is not in line with the Project Document, which suggests that UCEP's services will be expanded to rural areas and refers to 500 stipends for a 3 year education (and not 3 months as in the proposal).
2. In its introduction, UCEP refers to its commitment to education rights for girls, but the proposal does not elaborate any gender approach and lacks gender disaggregated data and/or targets. Moreover, it is not clear whether girls will be allowed to participate in training which requires accommodation in dorms.

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<sup>1</sup> Such action plans will reflect their own priorities and can be directly related to Blue Gold's objectives (e.g. to listen carefully when women WMG members speak out or have more women included in important positions in the Executive Committee) but also may be broader in nature (e.g. to ensure no early marriage occur in their own community).

3. The project aims to first provide vocational training to 500 students of Blue Gold polders in 4 pre-determined technical skills and thereafter conduct a feasibility study on demandable trades and skills for any future training. This order should be reversed to ensure that all training provided will be based on demands for skills and trades, addressing opportunities for both boys and girls.
4. The objective of the proposal is to enhance access to vocational training. However, apart from providing training to 500 selected students, there is no evidence that access to vocational training for youth in the polders will be structurally enhanced by this project. The high costs per student (1 lakh BDT) will form a major constraint to any future replication. The presentation of a lump sum per student, instead of specifying actual costs for individual activities and expenses, neither allows assessing whether the costs are justified.

### 3.5 Anti-harassment policy

A first draft of Blue Gold's anti-harassment policy had been developed during the previous mission of the international gender expert. Since then it had been edited and translated into Bangla. During this October mission the policy was finalized, the Bangla translation checked, and the policy was approved by the Team Leader. Workshops to disseminate the anti-harassment policy were planned, including a meeting of the contact persons to discuss procedures in case incidents are reported.

### 3.6 BWDB's Gender Equity Strategy and Action Plan

BWDB's Gender Equity Strategy and Action Plan 2006-2011 (GESAP) was developed with support of IPSWAM and approved by BWDB in December 2006. In 2007 several actions were actually implemented, facilitated by two committees on Gender Equity within BWDB. After the end of IPSWAM, the purposeful implementation of GESAP came to a stop and the committees became inactive. During the visit in November 2013 the Chief Planning of BWDB had been met to discuss the re-activation of implementing the action plan. It had been proposed to review the status of the action plan and recast the plan into a "rapid acceleration plan", better feasible for implementation within a period of a few years. During the visit in March 2014 an informal meeting was held with selected BWDB staff (as supported by the PCD) to discuss the status quo of the implementation of the Action Plan of the GESAP and develop first ideas about priorities.

In September 2014 an Office Order was issued by Mr. Obaidul Islam, Deputy Secretary, BWDB, Dhaka, to reorganize the Gender Equity Committee (Memo no. BWDB (Sec)/Board-2 (Planning-3), dated 02.09.2014. This memo includes the ToR of the Committee as well as the list of the 15 members of the committee. During the visit in October 2014, an approach for reactivating the committee and updating the Gender Action Plan was discussed with Blue Gold's Deputy Team Leader. The involvement of one (or two) senior Bangladeshi gender experts with working experience and/or insight in BWDB's operational structure was considered. The first step would be the preparation of a Concept Note on this approach.

### 3.7 Meeting with Gender and Water Alliance

A meeting was held with Rokeya Khatun to introduce Blue Gold's new national gender expert to the GWA's Bangladesh project (GWAPB) and to exchange information. Main issues discussed:

- In September 2014 GWA had organized a ToT training on Gender and Water, in which Blue Gold's Training Expert (Kashem) had actively participated;
- In May 2014 two DAE staff members, involved in Blue Gold, had participated in GWA gender training. GWA still will follow-up on the extent these DAE staff members are implementing their own gender plan elaborated as part of the gender training.
- GWA is in the process of supporting MaxWASH and SaFaL to strengthen their gender approach.

- Rokeya offered GWA's support to Blue Gold, e.g. for ToT gender training. She informed that another capacity building workshop by the GWAPB would soon be announced. She was requested to do this well ahead in time, to facilitate selection of Blue Gold staff as potential participants.

### 3.8 Meeting with Selima Ahmad, Bangladesh Women Chamber of Commerce & Industry

Ms. Ahmad is the founder and president of BWCCI, registered in Bangladesh under the Ministry of Commerce and affiliated with the Federation of the Bangladesh Chambers of Commerce and Industry (FBCCI). It has Bangladeshi women entrepreneurs as its members / target group, and is promoting a gender friendly private sector and business environment as well as encouraging the participation of grassroots women in economic sectors. Regarding the latter, BWCCI has been providing entrepreneurship and alternative livelihood training to rural women in all districts in Bangladesh, including in Sathkira, Patuakhali and Khulna<sup>2</sup>. BWCCI has a pool of 30 trainers and an office in Khulna. Blue Gold could make use of the services of BWCCI through outsourcing training to them. See also [www.bwcci-bd.org](http://www.bwcci-bd.org). BWCCI's projects are financed by donors as ADB, EU, bilateral donors and GoB.

### 3.9 Research proposal Nice Foundation

The Nice Foundation is an NGO established in 2007 and is based in Daulatpur, near Khulna. Currently it counts with 19 staff members. Nice Foundation received grants from several donors, including from Dutch sources<sup>3</sup>. Its Secretary Mr. Mujibur Rahman was met in Khulna, together with the livestock specialist of Blue Gold. Mr. Rahman presented a first draft of a research proposal on pig rearing by the Kawra community in several Blue Gold polders for possible research funding by Blue Gold. The purpose of the research would be to modernize pig rearing and improve marketing to increase incomes from this sector and empower the Kawra community, where especially women are involved in pig rearing. It was agreed that Nice Foundation would further elaborate the Concept Note, focusing on a limited number of research issues. This research proposal might be potentially relevant for funding under Blue Gold's Innovation Fund (see also discussion with component 3).

### 3.10 Field Visit

The second week of the mission (18-23 October) was dedicated to field visits in Patuakhali and Khulna districts with the national gender expert, joining other Blue Gold colleagues. Objective of the field visit:

- To introduce the new gender coordinator to Blue Gold's field activities and (also for the international expert) to get better acquainted with the realities of field level implementation.
- To get better understanding of gender issues at community / field level, especially as related to Blue Gold, including to identify constraints
- Meet with Blue Gold district staff, including the gender and IGA expert in Patuakhali.

The itinerary of the field visit is included in Annex 1. The main findings from the field visits are summarized in the following box:

<sup>2</sup> I had requested Ms. Ahmad for contact details of BWCCI's Khulna Office, but have not received these up till now.

<sup>3</sup> In 2013 the Nice Foundation was a sub-grantee of the Dutch FLOW Programme through the Global Fund for Women; currently it is implementing research with NWO funding (through the Middle-Sex University, UK).

**Patuakhali:**

Three WMA / WMG meetings were attended. In all meetings men and women were present, women forming on average about a quarter of the attendants. This appears a great achievement. The talking in the meetings, however, was almost only by men; the women were following the discussions but remained silent. It was observed that the staff who were facilitating the meetings tend to enter into discussions with those men who are most vocal and seated in front of the room; as a consequence they may easily lose sight of the women -and of men- who are more in the back. This was illustrated by a woman standing up trying to speak, but remaining unnoticed. In another meeting, when a facilitator did ask the opinion of women, they were shy at first, though ultimately spoke out. In general, in traditional Bangladeshi culture it is not common that women express their opinion. As when some women were asked a question, a man answered on their behalf: *"No, they do not want to talk, they do not have anything to say"*. Blue Gold staff should therefore explicitly create opportunities for women to speak out and encourage male WMO members to take women's arguments seriously. This will also be addressed in the Gender and Leadership training sessions planned for 2015.

Elections of Executive Board members were observed in two WMGs, demonstrating that such elections are lively events, mobilizing the local community and with male and female WMG members actually voting. It was learned that to become a candidate, nomination papers have to be bought, costing between Tk1000 and Tk200, depending on the position. Though the rationale for payment is clear (covering the election costs), it seems that such payments restrict the nomination of poor people and women, who do not have own income or access to financial resources. Other costs for candidates are the payment for the voters' lists and the costs for campaigning. This issue has the attention of component 1 staff.

When a woman is interested in being a candidate, she can only nominate herself with the support of her family. If a male relative is also interested in being nominated, the family tend to support the male candidate and the woman will not nominate herself.

**Khulna:**

In polder 22 the Organizational Management Training of the Executive Committee members of 2 WMGs was observed. The facilitation of this training was outsourced to a Khulna based organisation: Team Theatre School (TTS). Of the about 30 trainees, among whom also potential EC members and one UP member, one third were women. Women and men both participated actively in the training, including in role plays, exercises and presenting group work. Two gender related issues came up: (1) the need / importance to integrate gender (more) explicitly in such training, e.g. addressing the issue of ensuring that both men and women speak out during WMG meetings; (2) the importance of having a gender balanced team of facilitators or trainers, with also female facilitators. The training session facilitated by the young female TTS facilitator (Lupa) was much appreciated by the trainees; female facilitators are also important as role models.

**3.11 Gender Network**

Networking with other gender experts working in similar projects or programs was envisaged in the Inception Report as part of the Blue Gold Gender Approach. A first network meeting on gender in water management and food security was held in November 2013. During this visit a second meeting was organized, but rather low-key and with a limited number of participants. Annex 4 presents the participants, the agenda and issues discussed.

**3.12 Discussions with other Blue Gold components**

Throughout the mission discussions were held with Blue Gold colleagues of other components on gender issues within their components and/or work area.

Below the main issues are summarized which have been discussed with Blue Gold components:

**Component 1:**

- Gender training for COs and for WMGs was discussed / planned.
- Role of the national gender expert within component 1 was discussed, which includes the facilitation of Focus Group Discussions in new polders to raise awareness among men and women about the importance of (also) women's participation in WMOs.
- Joint visits were made to WMG meetings and elections (see 3.10), discussing also relevant gender issues.

**Component 2:**

- Two needs assessment (validation meetings) in polder 43/2B were observed with representatives of Bauriar and Mushuri Kathi WMAs, respectively. As mentioned under 3.10, women were present (about a quarter of the audience), but did not speak out.
- LCS training was discussed: though inclusion of gender related issues seems desirable, the already full curriculum vis-à-vis the short duration of the training does not allow much time for this.

**Component 3:**

- A meeting was held in Khulna, together with Blue Gold's Livestock Specialist, with Mr. Mujibur Rahman of Nice Foundation, to discuss their proposal on improving of pig rearing among Kawra women. Comments were provided on the draft of the proposal (see also 2.8).
- Meeting with the FFS Organizers in Khulna, with a special focus on the impact of women's participation in FFS cycles. First findings seem to demonstrate that the increased knowledge of the women and the resulting increased production (especially poultry and homestead vegetable production) boosts the self-esteem of the women participants. The requirement that FFS participants (both men and women) share their new knowledge with neighbours and in WGM meetings, seem also to increase the status of the concerned women in their community. For further follow-up.

**Component 4:**

- The planned activities on mung bean and sesame were discussed; follow-up will be given on gender issues in these value chains.
- A meeting was held in Patuakhali with Ms. Jhorna Begum, Gender and IGA expert. Selected issues from the discussion:
  - Many WMGs have saving functions (about 90%); about half of them also credit functions. Both men and women take loans: men often take larger loans; women are more sincere in repaying;
  - On LCS: LCS workers are WMG members who are Landless, ultra-poor, day-labourers, widow or destitute. In 2014 most LCS had two months of work (though often working 7 days/week). Workers get about 150 Tk/day as a first payment; a final payment after about 8 months (if no damage resulted). Investing their LCS earnings in IGAs seems not realistic, as many LCS women have pending debts (from shops and/or NGO micro-credit) and/or urgent needs (for house repairs, purchasing clothes or medicines, etc). Instead, they

should be enabled to take WMG loans for starting up income generating activities as poultry, cow or goat rearing.

**Training:** see 2.2

**Environment:**

- In Khulna a meeting was held with the new environmental specialist of Blue Gold, discussing subjects as improved cooking stoves (also a GoB priority); possible composting of water hyacinth as organic fertilizer for homesteads; and DRR volunteers (30-40% female).

**Next mission:**

The international gender expert will follow-up a few issues from the Netherlands, in particular the preparation of a concept note on the update of BWDB's gender action plan. A next mission will be planned in coordination with the national gender expert and the team leader, and may take place in the first quarter of 2015.

**Annexes:**

**Annex 1:** Itinerary Mission of International Gender Expert October 2014

**Annex 2:** ToR for Gender cum Gender Training Coordinator

**Annex 3:** Workplan National Gender Expert as per 11 November 2013

**Annex 4:** Agenda and list of participants of Gender Network Meeting of October 2014

**Annex 1: Itinerary Mission October 2014**

Date	Main activities and people met
12	Meeting new gender expert and with TL; planning and coordination of work, including arranging meetings. Review of recent documents. Discussion on status anti-harassment policy.
13	Meeting with Rokeya Khatun of GWABP; start organization gender network meeting; discussions with new gender expert and several Blue Gold staff.
14	Review training plan and provide comments; Review and discuss ToR gender expert; follow-up on gender network meeting; discussions gender expert and Blue Gold staff; review UNEP proposal and meeting with Selima Ahmad of Bangladesh Women Chamber of Commerce & Industry (BWCCI).
15	Workshop on training plan and TRGs; follow-up on UCEP proposal.
16	Review Blue Gold gender strategy with new gender expert; collect data on proportion of women in WMOs (request EKN); meeting at EKN with Ella de Voogd, Mushfiqua Satiar and Lisa Grooteman discussing issues as Blue Gold's anti-harassment policy.
17	Weekend day
18	Travel Dhaka – Patuakhali with Component 1 and 2 staff
19	Needs assessment (validation meetings) in polder 43/2B: (1) with representatives of Bauriar WMA and (2) with Mushuri Kathi WMA; meeting with Upazilla chairman and UP chairman; assisting in selection of Ad hoc committee for WMG in Kalibari Village. Meeting with Component 1 staff to discuss gender training for WMOs.
20	Attending EC elections for two WMGs (incl. West Mati Wanga); Meeting with Jhorna Begum at Blue Gold Patuakhali Office; start preparation workplan new gender expert; meeting several other Blue Gold staff members of Patuakhali office.
21	Travel Patuakhali – Khulna with Component 3 staff; meeting Environmental Expert Mr. Kabil, discussing issues such as Improved Cooking Stoves (ICS) and gender issues in Climate Change and Disaster Risk Reduction; meeting with FOs, to discuss gender related experiences in FFS cycles; meeting with Sam Husain of PCI's Proshan
22	Attending Organizational Management Training to EC members of 2 WMGs of Polder 22 held in Bigordana village; discussion of selected gender issues in this training; finalizing first draft work plan of gender expert; meeting with Training Team to discuss workplan gender expert; meet Mr. Mujibur Rahman of the Nice Foundation to discuss research options regarding improving pig rearing especially among Kawra women.
23	Travel Khulna – Dhaka with C4 and C3 staff; work on gender section Quarterly report for Q3 2014.
24	Weekend day
25	Meeting Kevin Kamp
26	Meetings with Blue Gold staff (C1, C3); Work with national gender expert, including finalizing ToR; Gender network meeting with 10 participants.
27	Meetings with selected Blue Gold staff members to discuss relevant gender issues; debriefing with TL; finalizing workplan of the national gender expert.

**Annex 2 ToR for Gender Coordinator– Final (version: 27 October 2014)****Position:** Gender Coordinator**Reporting:** Component 1 Leader, Community Mobilization and Institutional Strengthening  
International Gender Expert**Key activities:**

1. Stay updated of the approaches, work plans and activities of the Blue Gold components and inform Blue Gold staff on Blue Gold's gender approach.

2. Assist all Blue Gold components to integrate gender issues into their activities (gender mainstreaming).
3. Support all Blue Gold components where needed to implement “gender mainstreaming” as described in the Gender Approach, and/or adaptation according to changed situations or changes in activities.
4. Prepare in close cooperation with Component 1 staff and the international gender expert Gender Action Plans as part of the Polder Development Plans.
5. Cooperate with the Training Team and the senior sociologist cum cooperative expert of Component 1 in designing and organizing gender related training courses for WMO’s and in developing training materials.
6. Cooperate with the senior Sociologist cum Cooperative Expert in providing guidance to the Zonal Teams in increasing the effective participation of women
7. Support in organizing specific Blue Gold gender training, workshops and/or seminars and integration of gender issues in other Blue Gold training courses;
8. Coordinate with Training Team and/or Zonal Training coordinators in monitoring the implementation of gender related training, gather training data and prepare training reports;
9. Participate in gender network activities liaising with gender experts of similar programs (especially water management and food security), including the ‘Gender and Water Program Bangladesh’ (GWAPB).
10. Follow-up on the gender indicators at output level with the individual components; liaise with Blue Gold M&E team regarding outcome / impact level gender indicators. Participate in qualitative data collection, such as case studies, interviews and/or FGDs, when appropriate.

#### Output:

1. Contribute to the meaningful participation of men and –especially- women in WMOs;
2. Gender Action Plans as part of the Polder Development Plans;
3. Village or WMG level Gender Action Plans (as output of Gender Training to WMG members);
4. Gender Training Modules / curricula for the different levels of gender training to be provided (based on existing training materials, where relevant);
5. Gender related Training Courses, workshops, seminars are organized;
6. Gender related Training Reports and records of training implemented by Blue Gold components;
7. Contribute to collecting evidence of the gender related achievements of Blue Gold.

### Annex 3. Activity plan until mid-2015 for Gender Coordinator, Blue Gold

Version: 27 Oct 2014 (Edited on 11/11/2014)

	Activity	Tentative deadline
1	Finalize anti-harassment policy, and distribute among Blue Gold staff, including covering letter.	November 2014
2	Organize an orientation workshop on Blue Gold Anti- Harassment Policy for all Blue Gold Dhaka staff by Dutch Embassy	December 2014
3	Orientation workshop on Blue Gold Anti- Harassment Policy for support staff of Blue Gold	December 2014
4	Review IPSWAM gender and leadership training module for their usefulness for Blue Gold	December 2014
5	Provide input for the curriculum for LCS training, focusing on social and gender issues, including anti-harassment – in coordination with C2 and also involving Jhorna Begum.	November or December 2014
6	Gender orientation including Blue Gold Anti-harassment policy for Blue Gold staff, Including curriculum development <ul style="list-style-type: none"> <li>- Khulna Blue Gold Staff</li> <li>- Patuakhali Blue Gold Staff</li> </ul>	March 2015



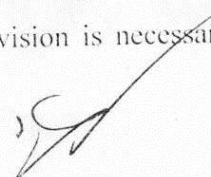
	- FFOs	
7	Gender Awareness session to COs to equip them with skills and knowledge to raise gender awareness among communities/ WMG members as well as identify steps and process focusing on women in the new polder.	December 2014
8	3 days mixed group Gender and Leadership training	Mid 2015
9	1 day women's leadership training for new polder (if situation demands)	
10	Gender orientation and awareness raising for BWDB (DP3), DAE (PD), DLS, DoF consultation with Mr. Kashem	1 <sup>st</sup> Quarter of 2015
11	Support other components with gender mainstreaming, in particular:	
	- Improved Cooking Stoves (ICS) (Kabil / Kim) in particular focusing on mobilizing potential women beneficiaries through Zonal Teams	Based on Planning of Environmental Expert
	- Liaise with M&E team to ensure gender disintegrated data e.g. in Quarterly Report (Proteeti) and (2) follow-up on gender indicators (Shital).	According to need
	- With Training Team and C4: discuss the planning for training on livelihood, IGA, skills etc for LCS and/or WMG women and also involving Jhorna Begum	In coordination with Anis of C4
12	Maintain contacts with gender network	
13	Review Gender action Plans in PDP of P22 and P43/2F, and coordinate with C1 for GAPs of other polders.	When need arises
14	Study tour, exchange visits for WMGs and also for other women, e.g. for learning sharing of economic activities, other projects, women leaders from Blue Gold will visit CDSP etc) in coordination with the other component	Mid 2015
15	Contribute to other training with gender input (either in module, or facilitating a gender session)	Depending on opportunities (and available time)
16	To identify constraints / challenges for women to become an active WMG member and/or EC member (or candidate) + identify solutions	Through FGDs and monthly meeting at field level (continuous)
17	Inclusion gender issues in Savings and Effective Investment / IGAs / Livelihood training/ Skill training (business development) for LCS members and C 4.	
18	Workshop on presenting draft update BWDB Gender Equity Action Plan	

## Appendix 4. Minutes of Meeting of IMSC of 15 January 2015

**Minutes of the 1<sup>st</sup> Meeting of the Inter Ministerial Steering Committee (IMSC) of Blue Gold Program (BWDB Component) held on 15 January 2015 in the conference room of the Ministry of Water Resources, Bangladesh Secretariat, Dhaka.**

The 1<sup>st</sup> meeting of the Inter Ministerial Steering Committee (IMSC) of Blue Gold Program (BWDB Component) was held on 15 January 2015 at the conference room of MoWR, under chairmanship of Dr. Zafar Ahmed Khan, Secretary, Ministry of Water Resources. In an introductory round everybody introduced him/herself, stating name and organization. A list of the participants is shown in annex-A.

2. The Chairperson invited the Project Director to present the context of IMSC meeting of the Blue Gold Program (BWDB Component) and also progress of the project. Mr. Sujoy Chakma, Project Director of Blue Gold Program (BWDB Component) presented a brief on Blue Gold Program including background, objectives, agencies involved, program areas, program components, achievements, physical progress during 2013-14 & 2014-15. He informed the meeting the concept of participatory water management approaches is being implemented in Blue Gold Program. In this regard he raised some important issues and some expectations from IMSC. He explained that the DPP was formulated by following the Program Document which was prepared by the EKN. Regarding physical work of Fine tuning and Rehabilitation works were included in the DPP considering unit rate 100 euro/ha for fine tuning polders and 300 euro/ha for rehabilitation polders. In case of fine tuning polders river erosion and siltation, construction of retired embankment, land acquisition items were not considered and for rehabilitation polders construction of retired embankment and river bank protection works have been estimated insufficient manner and land acquisition item was not considered. He added that the provision for registration of Water Management Organisation (WMO) by Department of Cooperative (DoC) was kept in the DPP. The DPP was approved by ECNEC on 30 July 2013 and Participatory Water Management Rules 2014 has been formulated on 11 February 2014. According to Participatory Water Management Rules 2014, BWDB has mandated to form WMO, registration, auditing & monitoring for efficient water management within the project areas. He also mentioned that Blue Gold Program is being implemented by BWDB & DAE with separate DPP. For coordination, separate IMSC and PMC were formed for BWDB and DAE. It is necessary to form single IMSC and PMC for better coordination. The PD then expressed that the DPP revision is necessary to include those items mentioned above.




3. During presentation, the chairperson wanted to know the physical progress of the project. In reply the PD mentioned that DPP Estimated cost is Tk. 56349.00 lakh, in which GoB contribution is Tk. 7499.00 lakh and GoN contribution (Grant) is Tk. 48850.00 lakh and implementation period is January 2013 to December 2018. The program was included in the RADP during 2013-14. Structural and non structural works are included in the program. The allocation was 4864.00 lakh and expenditure was made 3510.79.00 lakh. The expenditure for physical work was Tk. 299.47 out of 833.00 lakh.
4. Mr. Montu Kumar Biswas, Joint Chief, MoWR inquired that the physical progress was very less and emphasized on utilization of allocated money. In reply the PD said that the money received from GoN in the month of May 2014. Due to delayed placement of fund and rain progress did not achieve upto desired level. The allocation for 2014-15 is 10047.00 lakh out of which provision for physical work is 6595.00 lakh and RADP proposal has been submitted for Tk. 6895.00 lakh out of which provision for physical work is 2368.00 lakh.
5. All preparatory works have been completed and physical works will be started very soon. The PD also informed that 242 Water Management Groups (WMGs) have been formed among them 237 submitted for registration and 222 were registered over the period. In this context, Joint Chief, MoAG, Mr. Manjurul Anwar, inquired that whether the WMGs are formed according to cooperative rules or PWMR 2014. In reply, the PD informed that the WMGs are being formed by following PWMR 2014.
6. Mr. Md. Masud Ahmed, Chief Planning, BWDB informed the background of the Blue Gold Program and emphasized on revision of DPP and he also mentioned that the formation of single IMSC and PMC for Blue Gold Program for better co-ordination.
7. The chairperson asked Ms. Tahmina, PD, BGP (DAE) about the formation of Steering committee & PMC of BGP (DAE component). She replied that separate steering committee and PMC have been formed for BGP (DAE) and there is no member included in the both committee from MoWR and BWDB. Then chairperson has requested to DAE representative to co-opt the member from MoWR and BWDB for both committee.
8. The chairperson has emphasized about the physical progress of the program and requested the PD to come up with work plan of Blue Gold Program in next IMSC meeting which will be held in due time.



9. After a detailed discussion, the following decisions were taken:

- a) Project Director, Blue Gold Program (BWDB Component) will present the work plan of the project in the next IMSC meeting;
- b) Members from MoWR and BWDB should be included in IMSC & PMC of Blue Gold Program (DAE component);
- c) Concurrence of DPP revision will be decided in the next IMSC meeting;
- d) Next IMSC meeting will be held in due time.

10. As there was no other agenda for discussion the meeting ended with a vote of thanks from the Chair.



(Dr. Zafar Ahmed Khan)  
Secretary.

## Appendix 5. Accident Report Until March 2015

No.	Date of Accident	Name of Staff in the Accident, Designation	M/ F	Place of Accident	Type of Vehicle	Brief of the accident	Status of Injury	No. of Staff Injured	Absent Working Day(s)	Remedial Action(s)
1	08/09/2013	Provati Roy, Community Organizer	F	Khulna Polder - 29, Dumuria to Sharafpur Main road	Van	Van was crushed with a vehicle carrying iron rods	Severe leg fracture was hospitalized for 4 days	1		
2	23/09/2014	Yesmin Akter Fatema, Community Organizer	F	Patuakhali	Motorbike	Motorbike slipped and she fell off the bike	Head was damaged severely and was traumatized also. Immediately hospitalized and stayed in hospital for 13 days.	1	33	Need to put helmet while riding on a motor bike
3	24/10/2014	Kumares Chandra Dam, Community Organiser	M	Khulna (Gobra, Narail)	Easybike	Fell from easy bike	RTA; Hospitalized for 4 days	1	18	
4		Alamgir Chowdhury, Deputy Team Leader	M	Dhaka, Mojheel Office	NA	He was using the lift to go ground floor and the doors of the lift was open but the lift was not there. He was about to fall from 8th floor.	Mentally traumatized			Motijheel Lift needs to be repaired.
5	26/10/2014	Abul Kashem, Training Expert	M	Khulna	Motorbike		Injured in legs and hands and took first aids	1		
6	03/11/2014	Md. Abdul Jabber, FO	M	Mohishkata, Barguna	Motorcycle	Fell from motor bike	Finger crack and hospitalised for 6dys	1	2	

9	05/11/2013	Dirk Smits, Mofazzal Ahmed, Alamgir Chowdhury, Azizur Rahman, TL, DTL,CL,DCL	M	Khulna	Easy Bike	In Strike day. In the morning DS, AC, MA and Azizur Rahman left for polder 31 part in Batiaghata Upazilla by Easy bike and motor bike. On the way to hotel. The team met an accident when their easy bike hit face to face with two motorbikes. Both the drivers of the auto rickshaw and motorbike were severely injured.	Nobody was injured	None	NA	Easy bike are not safe to use
10	15/01/2015	Roksana Parvin, Community Organiser	F	Polder 30, Khulna	Hired Motor Bike	She travelled to Boyarvanga Middle & Aushkhali WMGs by hired Motor Bike, for assisting & monitoring progress of enlistment of LCS groups . After finishing her work she was going to Titukhali Partitukhali WMG for collecting information. After reaching to Titukhali bazar, suddenly a child (Age 03) cross the road running, and the Motor Bike failed to stop and knocked the child. The child was injured seriously. Roksana Parvin dropped from the Motor Bike and slipped few feet's on the carpeting road. The Motor Bike also got a hit from back side by a Nosimon (Rural motorized vehicle).	Injured her lip and face seriously, both knees, palm, little & thumb finger	1		Wearing helmet

11	09/02/2015	A.K.M. Matiur Rahman Chowdhury, Community Organiser	M	43/2F	Official Motor Bike		Hospitalized	1		
12	10/02/2015	Abul Basar, FO	M	Patuakhali	Motor Bike		Got injury in his legs and hand, instantly Hospitalized.	1		