

Mainstreaming Agro-biodiversity Conservation into the Agricultural Production Systems of Ethiopia

12 months annual work plan/ January – December 2012

Country: Ethiopia

GEF Theme: Mainstreaming Agro-biodiversity Conservation into the Agricultural Production Systems of Ethiopia

Expected CP Outcome(s): Enhanced conservation of the natural resources base by 2014

Program Period: 2011-2015

Output Title: **Mainstreaming Agro-biodiversity Conservation into the Agricultural Production Systems of Ethiopia**

Atlas Code: 00060226

Project No. 00075747

Duration January-December 2012

Estimated 12 Months Budget USD 1,160,000

- Government USD/in-kind/400000
- Annual UNDP/GEF allocation USD 1,160,000

Total: USD 1,160,000

Narrative

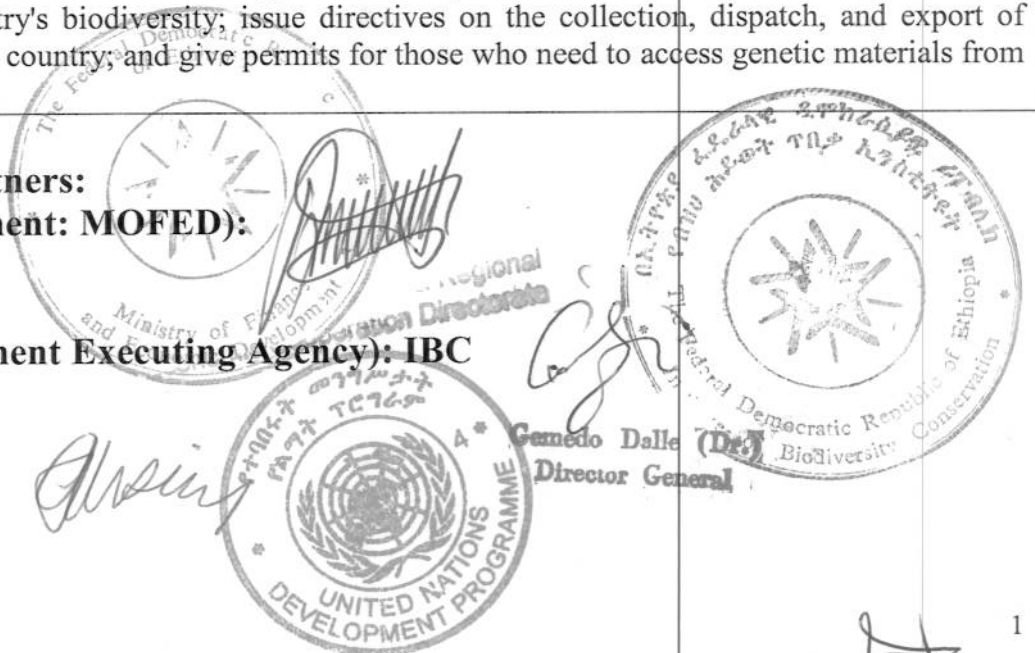
Institute of Biodiversity Conservation: The Institute of Biodiversity Conservation (IBC) is the lead technical institution responsible for the conservation and sustainable utilization of the country's biodiversity resources, including agro-biodiversity. IBC, as re-constituted by Proclamation No 381 of 2004, has the objective to ensure the proper conservation and sustainable utilization of the country's biodiversity resources. In line with this, IBC has the powers to, among other things, initiate policy and legislative proposals on the conservation of biodiversity; explore and survey the diversity and distribution of the country's biodiversity resources; ensure the conservation of the country's biodiversity using in situ and ex situ methods; develop a strategy for the conservation of species threatened by extinction; formulate policy ideas that promote processes that enhance the existence of biodiversity and control processes that threaten biodiversity; develop systems and technical standards for the conservation of the country's biodiversity; issue directives on the collection, dispatch, and export of genetic materials from the country; and give permits for those who need to access genetic materials from the country.

Implementation Partners:

Agreed by (Government: MOFED):

Agreed By (Government Executing Agency): IBC

Agreed By UNDP



1

Mainstreaming Agro-biodiversity Conservation into the Agricultural Production Systems of Ethiopia

Annual Work Plan

Expected CP Outcome(s): Enhanced conservation of the natural resources base by 2014

Outcomes CP /Indicators

By 2013, Conservation of agro-biodiversity, including crop wild relatives into the Agricultural Production systems of Ethiopia; comprehensive agro-biodiversity friendly policies developed and approved to promote agro-biodiversity friendly production practices; facilitate the formation of a comprehensive agro-biodiversity strategy; farmers provided with knowledge based extension technology to promote farmers varieties; strategy adopted for successful commercialization of underutilized species; information and communication systems in placed; project coordination units/management units at federal and local levels established and become functional; steering committees at all levels established; awareness at all government institutions created; staffs and local consultants recruited and the project implementation progressed while agro-biodiversity mainstreaming into farmers and conservation of biodiversity.

Expected outcomes/Indicator(s)

Expected CP outcome(s): Enhanced conservation of the natural resources base by 2014

Expected CPAP Output (s):

- (1) National strategies, policies and action plans which integrate the environmental provisions of the MGDS are implemented in meaningful partnerships with civil society and with effective coordination of development partners.
- (2) At least two programmes that meaningfully inter-relate poverty reduction and environmental management are prepared with national partners, approved and under implementation.
- (3) Development of business-led solutions for sustainable resource management and poverty reduction.
- (4) One MDG-based integrated rural development programme implemented in at least 2 districts contributing to improved livelihoods and increased incomes of the poor.

Expected CP outcomes

Outcome 1: Enabling policy and institutional framework supporting in situ conservation of agro-biodiversity and crop wild relatives.

Outcome 2: Markets provide incentives for farmer uptake of agro-biodiversity friendly practices, particularly for wild Arabica coffee, enset, teff and durum wheat.

Outcome 3: Crop Wild Relatives and farmer varieties of wild Arabica coffee, durum wheat, enset and teff are conserved in in-situ gene banks and on-farm conservation sites.

Outcome 4: Project effectively managed and outcomes and impacts delivered within time and budget.

Expected CP Output(s)

Output 1.1: Comprehensive agro-biodiversity friendly policies developed and approved to promote Agro-biodiversity friendly production practices:

Output 1.2: The National Extension Service providing farmers with knowledge based extension technology to promote farmer varieties (and conservation of agro-biodiversity within the current production systems

Output 1.3 (co-finance): Adaptive capacity increased:

Output 1.4: An effective M&E for assessing conservation status of agro-biodiversity at community level.

Output 2.1: Supply of agro-biodiversity products increased through improved quality, efficiency of production and special marketing channels:

Output 2.2: International and national demand for 4 agro-biodiversity friendly products increased (Shade coffee, durum wheat, teff, enset):

Output 2.3 Incomes from trading agro-biodiversity friendly products maintained (secured):

Output 3.1: Four in-situ gene banks and on farm conservation sites established.

Output 3.2 Institutional and operational capacities to manage 4 in situ gene banks and on-farm conservation

Output 3.3(Co-finance and in conjunction with the developing concept for GEF 5) -- PES for reduced **or** avoided deforestation & forest degradation, and improved forest restoration developed and implemented:

Output 4:1 The technical services of institutions with credible capacity to provide technical assistance with many of the technical outcomes

Output 4:2 Site level project management unites established and furnished

Output 4:3 Conduct inception workshops; prepare periodic reports;

Output 4:4 Communication facilities established

Output 4:5 Provide supplies.

**Title of the Project: Mainstreaming Agro-biodiversity Conservation into Agricultural Production Systems of Ethiopia
2012 Annual Work plan -Period: (January 2012 - December 2012)**

Implementing Partner: Government of Ethiopia

Atlas Code: 00060226

Project No. 00075747

Project Financer: UNDP-GEF

Focal Area: Biodiversity

National Plan

Outcomes and outputs	Planned Activities	Time Frame 2012				Responsible party	Budget / Atlas code	Budget Description	Amount Total (US\$)
		1	2	3	4				
Outcome 1. Enabling policy and institutional framework supporting in situ conservation of agrobiodiversity and crop relatives									
Output 1.1: Comprehensive agro-biodiversity friendly policies developed and approved to promote Agro-biodiversity friendly production practices:									
Indicator:	Five policy documents reviewed and agrobiodiversity friendly principles generated								
Baseline:	Currently agrobiodiversity friendly policies are scattered inadequate								
Target:	At least five policy documents reviewed and three agrobiodiversity friendly principles generated								
Activity 1.	Review the existing policy and institutional framework with the participation of key stakeholders	X				International Consultant, IBC and Woreda	71400	Contractual services – company	30000
	Procurement of Information technology equipment						72800	Information technology equipment	500
							71600	Travel	3000
	Procurement of other supplies						72500	Supplies	1000

Activity 2.	Conduct four workshops one at National and three at regional levels to facilitate participatory generation of recommendations to address gaps in policy and overlaps in institutional mandates for agrobiodiversity conservation	X			Consultant, IBC and Woreda	71400	Contractual services – individual	12000
	Procurement of Information technology equipment					72800	Information technology equipment	2000
	Procurement of other supplies					71600	Travel	5300
Activity 3.	Organize four workshops for influential community members and government officials at national, regional and Woreda levels for dissemination the results as well as advocating and adoption of the recommendations	X			IBC and Woreda	71400	Contractual services – individual	13000
	Procurement of Information technology equipment					72800	Information technology equipment	1000
	Procurement of other supplies					71600	Travel	5900
Activity 4.	Review the existing local level by-laws on agrobiodiversity conservation in four Woredas with the participation of key stakeholders		X		IBC and Woreda	72500	Supplies	500
	Procurement of other supplies					71400	Contractual services – individuals	12000
	Procurement of supplies					71600	Travel	2900
Activity 5.	Formulation of four local level by-laws on agrobiodiversity and strengthen the traditional natural resources management strategies on agrobiodiversity friendly practices		X		IBC and Woreda	72500	Supplies	3400
	Procurement of other supplies					71400	Contractual services – individuals	12000
						71600	Travel	2900
						72500	Supplies	100

Activity 6.	Organize national conference on agrobiodiversity conservation and its sustainable use	X				IBC and Biological Society of Ethiopia	71400	Contractual services company	-	15000
Activity 7.	Organize forum for public awareness on agrobiodiversity	X			X	IBC and Media	71400	Contractual services company	-	10000
	Procurement of Information technology equipment						72800	Information technology equipment		1000
	Procurement of other supplies						71600	Travel		3000
							72500	Supplies		5000
Output 1.2: The National Extension Service providing farmers with knowledge based extension technology to promote farmer varieties (and conservation of agro-biodiversity within the current production systems):										
Indicator:	Extension package for four farmers crop varieties prepared and research on increasing productivity of two farmer varieties conducted									
Baseline:	There are no extension package for farmers varieties									
Target:	At least four extension package development for farmers varieties prepared and research on increasing productivity of two farmer varieties conducted									
Activity 1.	Conduct one meeting to discuss with MOA	X				IBC & MOA				
Activity 2.	MOU prepared and signed between IBC and MOA. Output 1.2 transfer to MOA /Establishment of Task Force for the preparation of TOR, recruitment of national consultant and reviewing the consultants output.	X				IBC & MOA				

Activity 3.	Four National Extension Packages prepared to promote farmer varieties and conservation of agro-biodiversity within the current production systems		X	X	MOA, IBC, and Woreda	71400	Contractual services company	-	35000
Activity 4.	Organize two national conference in collaboration with Crop Science, Horticulture Society, EIAR and MOA to facilitate linkages between extension service and research institutions, particularly those that deal with forest Arabica coffee, enset, teff and durum wheat (for updated information on agronomy, disease and pest control, processing, etc.)		X	X	IBC, Crop Science, Horticulture society, EIAR and MOA	71400	Contractual services company	-	8000
Output 1.3 Adaptive capacity increased									
Indicator:	Formulation of the strategy to increase adaptive capacity to climate change in four project sites initiated								
Baseline:	There is no strategy to increase adaptive capacity to climate change								
Target:	At least formulation of strategy to increase adaptive capacity to climate change initiated in four sites								
Activity 1.	Conduct one meeting to discuss with MOA/CRGE Focal Person	X			IBC & MOA				
Activity 2.	MOU prepared and signed between IBC and MOA. Output 1.3 transfer to MOA /Establishment of Task Force for the preparation of TOR, recruitment of national consultant and reviewing the consultants output.	X			IBC & MOA	71400	Contractual services individuals	-	1000
Activity 3.	Facilitate formulation of a strategy to build the adaptive capacity of the country to conserve agrobiodiversity in the long term in the face of a changing climate	X	X	X	MoA, IBC, EPA, Regions, CSOs, farmers groups, Universities, EIAR, Media, National Metrology Agency	71400	Contractual services company	-	10000

Indicator:	Farmers associations in four pilot areas established									
Baseline:	There are limited farmers associations working on agrobiodiversity products									
Target:	At least four farmers associations established for agrobiodiversity products									
Activity 1.	Conduct four awareness raising meetings and identify volunteer farmers to facilitate formation of farmer associations/ strengthen the existing farmers associations (for each crop/four sites)	X	X	Woreda PCU, Stakeholders & IBC	71400	Contractual services – company	20000			
					71600	Travel	1500			
					72500	Supplies	1000			
Activity 2.	Procurement of other supplies				71400	Contractual services – company	30000			
	Facilitate formation of four farmer associations/ strengthen the existing farmers associations for production, processing, transportation and marketing (for each crop/four sites)	X	X	Woreda PCU and Stakeholders						
					71600	Travel	1500			
	Procurement of furniture and equipment				72200	Equipment and furniture	5000			
	Procurement of other supplies				72500	Supplies	2000			
	Procurement of Information technology equipment				72800	Information technology equipment	5000			
Activity 3.	Prepare by-laws to facilitate formation of farmer associations/ strengthen the existing farmers associations (for each crop/four sites)	X	X	Woreda PCU and Stakeholders	71400	Contractual services – company	5000			
					71200	Local consultants	3000			
					71600	Travel	1000			
					72500	Supplies	1000			
Activity 4.	Procurement of other supplies									
	Prepare TOR for the assessment of farmers capacity	X		IBC, Woreda PCU and Stakeholders						

Activity 5.	Asses the capacity of farmer associations production, processing, transportation and marketing (for each crop).	X		IBC, Woreda PCU and Stakeholders	71400	Contractual services – company	10000
					71200	Local consultants	3000
					71600	Travel	1000
Activity 6.	Built the capacity of farmers association on production and processing for each crops based on need assessed	X	X	IBC, Woreda PCU and Stakeholders	71400	Contractual services – company	30000
	Procurement of other supplies				71600	Travel	1000
	Procurement of Information technology equipment				72500	Supplies	3000
					72800	Information technology equipment	1500
Activity 7.	Built the capacity of farmers association on transportation and marketing for each crops based on need assessed	X	X	IBC, Woreda PCU and Stakeholders	71400	Contractual services – company	20000
	Procurement of Information technology equipment				71600	Travel	1000
					72800	Information technology equipment	2000
Output 2.2: International and national demand for 4 agrobiodiversity friendly products increased (Shade coffee, durum wheat, teff, enset):							
Indicator:	International and national demand for 4 agrobiodiversity friendly products increased						
Baseline:	There is limited international and national demand for agrobiodiversity friendly products						
Target:	At least the demand of 4 agrobiodiversity friendly products increased internationally and nationally						

Activity 1.	Review the existing marketing strategy through the participation of key stakeholders	X				IBC and Consultant	71200	International consultant	40000
							71400	Contractual services-individuals	30000
Activity 2.	Organize four workshops one at National and three at regional levels to facilitate participatory generation of recommendations to address gaps in marketing strategy for four farmers varieties (coffee, durum wheat, teff and enset)	X				IBC and Consultant	71600 71200	Travel Contractual services – company	1000 20000
							71400	Contractual services – company	
							71600	Travel	1000
							72500	Supplies	1000
Activity 3.	Procurement of other supplies Identification of specialized products of four farmers varieties (coffee, durum wheat, teff and enset)		X			IBC and Consultant	71400	Contractual services – company	15000
Activity 4.	Participate in two International fair to promote specialized products of four farmers varieties (coffee, durum wheat, tef and enset)			X		IBC and Woreda	71400	Contractual services – company	10000
							71600	Travel	10000
Activity 5.	Dissemination of agro-biodiversity products at international level			X		IBC, through all possible means	71400	Contractual services – company	35000
Activity 7.	Execute four national awareness raising campaigns to promote specialized products of four farmers varieties (coffee, durum wheat, teff and enset)			X		IBC and Woreda	71400	Contractual services – company	25000
Output 2.3: Incomes from trading agrobiodiversity friendly products maintained (secured):									
Indicator:	Farmers income increased from certified forest coffee trading								

Baseline:	The current income generated from forest coffee trading is low												
Target:	Forest coffee certified												
Activity 1.	Acquire coffee certification standard and identify certifying company		X		IBC & UNDP		71400		Contractual services – company		1000		
Activity 2.	Sign contract agreement with certifying company		X		IBC & UNDP		71400		Contractual services – company		1000		
Activity 3.	Hire consultant to fulfill the certification standard as per the agreement signed and prepare farmers training manual		X		Consultant, Woreda, IBC & UNDP		71200		Local consultants		8000		
Activity 4.	Train farmers association to build their capacities to full fill coffee certification standard		X	X	IBC and Woreda		71400		Contractual services – company		5000		
							71600		Travel		1000		
							72200		Equipment and furniture		5000		
	Procurement of other supplies						72500		Supplies		2000		
	Procurement of Information technology equipment						72800		Information technology equipment		1500		
Activity 5.	Facilitate market linkage for farmers association			X	IBC and Woreda		71400		Contractual services – company		15000		
Activity 6.	Conduct discussion between farmers association and credit association to create credit link			X	Woreda and IBC		71200		Local consultants		6000		
Subtotal											380000		
Outcome 3. Crop wild relatives and framers are conserved in in situ gene banks and on-farm conservation sites.													
Output 3.1: Four in situ and on farm conservation sites established													
Indicator:	Four in situ/on farm conservation sites establishment initiated												

Activity 7.	Re-introduction of teff and durum wheat local varieties back into agricultural production systems;		X	X	X	IBC, Woreda & stakeholders	71400	Contractual services company	-	15000
	Procurement of other supplies						71600	Travel		1000
Activity 8.	Select site and acquire land for establishment of one Enset Field Gene Bank	X		X		IBC, Woreda & stakeholders	72500	Supplies		1000
	Procurement of other supplies						71600	Travel		100
Activity 9.	Conduct collection of enset clones and plant in Enset Field Gene Bank	X		X		IBC, Woreda & stakeholders	72500	Supplies		400
Activity 10.	Sign MOU with EIAR to facilitate participatory plant breeding to complement on farm conservation of farmer varieties through development of new varieties	X				IBC, Woreda & EIAR				
Activity 11.	Undertake participatory plant breeding to complement on farm conservation of farmer varieties through development of new varieties and increasing productivity		X	X	X	EIAR, IBC, Universities, Woreda	71400	Contractual services company	-	25000
Output 3.2 Institutional and operational capacities to manage four in situ and on-farm conservation sites in place:										
Indicator:	Development of four capacity building programs initiated									
Baseline:	The current institutional and operational capacity to manage in situ and on farm conservation sites are weak									
Target:	Development of at least four capacity building programs initiated									

Activity 1.	Conduct an assessment of mandate and capacity gaps for the local and national level management of the in situ conservation sites (in conjunction with outcome 1)	X				IBC, Woreda & Consultant	71200	International consultants	10000
							71600	Travel	400
Activity 2.	Procurement of other supplies On job training for 12 staff to build the capacity at different levels of government structures on mainstreaming of agro-biodiversity into development and agricultural plans.		X			IBC and Woreda	72500	Supplies	100
							71400	Contractual services - company	10000
Activity 3.	South-South experience sharing		X			IBC and Woreda	71600	Travel	1000
Activity 4.	Participate and disseminate issues on rich agrobiodiversity conservation on the international conferences of Rio Conventions			X		IBC	71400	Contractual services - company	15000
Activity 5.	Organize experience exchange visits for farmers in different Woreda	X				IBC and wereda	71400	Contractual services - company	10000
Activity 6	Organize awareness raising trainings at site level for woreda officials, experts, development agents	X	X	X		IBC and wereda	71600	Travel	3000
							71400	Contractual services - company	5000
	Procurement of other supplies						71600	Travel	500
							72500	Supplies	500
Output 3.3 (Co-finance and in conjunction with the developing concept for GEF 5) -- PES for reduced or avoided deforestation & forest degradation, and improved forest restoration developed and implemented:									
Indicator:	Reduced deforestation and forest degradation and improved forest restoration at Yayo project site initiated								
Baseline:	High rate of deforestation and forest degradation								
Target:	Reduced deforestation and forest								

Activity 5.	Four project steering committee meeting conducted in each Woreda	X	X	X	X	Woreda	71400	Contractual services individuals	-	800
	Procurement of other supplies						72500	Supplies		200
Activity 6.	Two project steering committee meeting conducted	X			X	IBC	71400	Contractual services individuals	-	1000
							71600	Travel		1000
	Procurement of other supplies						72500	Supplies		1000
Activity 7.	Knowledge management and documentation (1%)						71400	Contractual services individuals	-	11600
Activity 8.	Audit service			X			71400	Contractual services individuals	-	11600
	Miscellaneous (10%)						74500			116000
Subtotal										252200
Grand Total*										1160000