

## Promoting Autonomous Adaptation at the Community level in Ethiopia Six Months Work Plan (June-Dec 2012)

Country: Ethiopia

UNDAF Thematic Area: Economic Growth and Risk Reduction –Climate Change and Environmental Sustainability

Expected UNDAF Outcome (s): By 2015, the governance systems, use of technologies and practices, and financing mechanisms that promote low carbon climate-resilient economy and society are improved at all levels

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Estimated Annual Budget: \$ 248,362

LDCF: \$248,362

Government Contribution: \$ 22,470

UNDP Contribution: \$ 70,000

Program Period: 2012-June 2014

Program Component:

Output Title: Promoting autonomous adaptation at community level

Project ID: (Atlas Code): 75762

**Narrative:**

This project will tackle adaptation planning at all sub-national levels by building capacity for sub national integrated adaptation planning at Regional, district and local levels. The project also deals with implementation of adaptation actions in both urban and rural environments, which offer valuable experience for replication of the project's outcomes in both rural and urban Ethiopia.

The project will help Ethiopian communities adapt by providing them with the tools needed for anticipatory and autonomous adaptation (i.e. climate risk information, financing, insurance, technical support) and by providing capacity development for planning authorities to include routinely climate risks into their planning processes, which will consequently enable the provision of appropriate levels of support to communities to help communities adapt.

The project will target eight Kebeles from four Woredas in four Regions (Benishangul-Gumuz, Oromiya, Tigray and Gambella - and at a sub-national level by working with Addis Ababa City administration.

This Project shall be implemented by the Environmental Protection Authority of the Federal Democratic Republic of Ethiopia in partnership with UNDP. Wereda offices responsible for environmental management and protection within the selected weredas of the four regional states will be the major partners for implementing the project through a NEX modality.

The project will be implemented in four (4) years during the period 2012-2014. The Total budget of the project is \$5,967,405.

**Implementation Partners:**

Agreed by (Government): MOFED: \_\_\_\_\_

Agreed By (Government Executing Agency): EPA \_\_\_\_\_

Agreed By UNDP \_\_\_\_\_



Promoting Autonomous adaptation at the Community Level in Ethiopia : Six Months Work Plan (July-December,2012)

Outcomes, Indicators, Targets & Outputs	Planned Activities	Time Frame 2012 With budget		Responsible Party	Budget	
		Q3	Q4		Budget Description	Amount Total (US\$)
<b>Outcome 1.</b>	Institutional capacities for coordinated climate-resilient planning and investment strengthened.					
<b>Indicator 1:</b>	Number and type of targeted institutions with increased adaptive capacity to minimize exposure to climate vulnerability.					
<b>Indicator 2:</b>	Capacity perception index, disaggregated by gender.					
<b>Indicator 3:</b>	Adaptation actions implemented in national/sub-national development frameworks					
<b>Baseline :</b>	Capacity for climate-related analysis and forward planning is limited at sub-national level with an average CCA capacity score of 1.26 across the 5 functional areas of : <ul style="list-style-type: none"> <li>• Multi-stakeholder dialogue;</li> <li>• Situation analysis, vision casting and mandate;</li> <li>• Policy and strategy formulation;</li> <li>• Budget, Manage and Implement;</li> <li>• Monitoring and Evaluation</li> </ul>					
<b>Targets:</b>	<ul style="list-style-type: none"> <li>• By end of Project, 4 Woreda and 1 Regional task teams have been trained in and use climate related vulnerability and risk assessments in an integrated area-based planning approach,</li> <li>• Average CCA capacity score in the 4 Woreda and 1 Regional level is 3 for both men and women.</li> </ul>					
<b>Output 1.1:</b>	<i>Institutional and human technical capacity to support climate risk management within 8 Kebeles and 1 city administration developed, by training of development agents and planning officers.</i>					
	<p><b>Activity 1.1.1:</b> Establish joint federal, four regional and local task teams in the four rural Woredas from the following sectors: health, agriculture, livestock, natural resources, water, environment and energy. <del>Woreda</del> administration, planning officials, microenterprises, Microfinance medias, and Development Agents.</p>	-	16,428	FEPA/REPA/AA EPA/AACA	71300: \$12,000 (for PMU) 72400: \$ 3428 72500: \$ 1000	16,428



Budget to be provided for PMUs (Project Manag...

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Outcomes, Indicators, Targets & Outputs	Planned Activities	Time Frame 2012 With budget		Responsible Party	Budget Description	Amount Total (US\$)
		Q3	Q4			
	<p><b>Activity 1.1.2:</b> Establish task teams in Addis Ababa City Administration comprised of sectors: health, agriculture, livestock, natural resources, water, environment and energy, Woreda administration planning officials and Development Agents</p> <p><b>Activity 1.1.3:</b> Develop guidelines, methods and templates including on impact projection, vulnerability assessment, prioritization of response measures, implementation and monitoring performance that can be used for the purpose of creating or enhancing capacity of the participating entities to pursue a climate resilient economic development trajectory</p> <p><b>Activity 1.1.4:</b> Customization or tailoring of the developed guidelines, methods and templates including on impact projection, vulnerability assessment, prioritization of response measures, implementation and monitoring performance to the specific needs of the participating entities</p> <p><b>Activity 1.1.5:</b> Assess current capacity of participating entities and identify their capacity gaps to plan and implement the customized technical instruments to act in accordance with the technical, policy and institutional requirements set in connection with building a climate resilient economy.</p>	528		AAEPA/AACA	72400: \$528	528
		6,624		FEPA/REPA/ AAEPA	71300 \$4,624 72200 \$2,000	6,624
			5,350	EPA/REPA/ AAEPA	72400 \$ 5,350	5,350
		6,520		EPA/REPA/ AAEPA	71300: \$6,520	6,520



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Outcomes, Indicators, Targets & Outputs	Planned Activities	Time Frame 2012 With budget		Responsible Party	Budget Description	Amount Total (US\$)
		Q3	Q4			
	<p><b>Activity 1.1.10:</b> Provide capacity building support to participating entities on market development :</p> <ul style="list-style-type: none"> <li>• innovative ways to enhance commercial investment in a climate resilient economy</li> <li>• increasing market demand for green goods or services</li> </ul>	-	6000	EPA/REPA/	75700: \$4500 72400: \$1500	6,000
	<p><b>Activity 1.1.11:</b> Support participating entities on facilitated access to and leveraging other finance:</p> <ul style="list-style-type: none"> <li>• standardizing support agreements</li> <li>• providing training for financial institutions,</li> <li>• improving capacity for leveraging finance</li> </ul>	-	5,500	EPA/REPA/	75700: \$4500 72400: \$1000	5,500
	<p><b>Activity 1.1.12:</b> Information collection to build CREGE on the following sectors in Addis Ababa:</p> <ul style="list-style-type: none"> <li>• Energy, Cities/buildings, infrastructure, urban green space; transport vulnerabilities and pollution, drainage and flood hazard management, soil and water conservation.</li> <li>• In the rural Kebele, additional hydrological and wider catchment land and water use.</li> </ul>	5000		FEPA / AAEPA/AACA	71300: \$5,000	5000
	<b>Sub Total</b>					<b>51,950</b>

**Output 1.2. Information on climate change impacts prepared and disseminated to decision makers and public in the target areas**



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Outcomes, Indicators, Targets & Outputs	Planned Activities	Time Frame 2012 With budget		Responsible Party	Budget Description	Amount Total (US\$)
		Q3	Q4			
	<p><b>Activity 1.2.1:</b> Conduct workshop to decision makers and public to</p> <ul style="list-style-type: none"> <li>• Introduce the territorial climate resilient planning</li> <li>• Reach shared vision and commitment of eligible entities</li> <li>• Institutional task identified and agreed</li> </ul>	5,500	-	FEPA /Regional EPAs	75700: \$5000	5,000
	<b>Sub total</b>					<b>5,000</b>
<b>Output 1.4. Integrated climate change response investment plans that will be useful for climate proofing, proactive response measures and coping with disaster risk management are developed at 1 regional level and 8 kebeles.</b>						
	<p><b>Activity 1.4.1:</b> Provide support to Addis Ababa city administration to identify adaptation opportunities and priorities as part of the process of capacity development for integrated climate change investment planning, which could serve as a demonstration of city adaptation planning to other urban centers in Ethiopia.</p>	5,000	3,856	FEPA/AAEPA/ AACA	71300: \$8,856	8,856
<b>Subtotal</b>	<b>Outcome1 total</b>					<b>8,856</b>
						<b>65,806</b>
<b>Outcome 2: Access to technologies and practices that improve the range and efficiency of adaptation options improved</b>						
<b>Indicator 1: % of farmers adopting adaptation technologies, by technology type, disaggregated by gender.</b>						



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Outcomes, Indicators, Targets & Outputs	Planned Activities	Time Frame 2012 With budget		Responsible Party	Budget Description	Amount Total (US\$)
		Q3	Q4			
<b>Indicator 2.1: Strengthened capacity of extension agents to transfer appropriate adaptation technologies by capacity score</b>						
<p><b>Baseline:</b> - Farmers (83% male-headed, 17% female-headed) currently constrained by limited access to and knowledge of adaptation techniques and practices.</p> <p>- Currently there is only anecdotal evidence of capacity to transfer adaptation technologies score average 1.4</p> <p><b>Targets End of Project:</b> - By the end of the project, 5000 subsistence farmers (83% male-headed, 17% female-headed) have been trained in and tested climate change resilience building techniques and practices, of which 35% of both male and female headed farming households have adopted them permanently;</p> <p>- By the end of the project 5 project task teams from 4 Woreda and 1 Regional administration have the capacity to transfer adaptation technologies with capacity score of 3</p>						
<b>Output 2.1. Training in innovative adaptation techniques and practices for priority sectors provided.</b>						
	Activity 2.1.1: Establish community organizations and green enterprises at each of the eight Kebele sites with respect to the various interventions	-	20,694	EPA/REPAs/ Regional WaEB	<sup>2</sup> 71300: \$12,000 (for PMU) 71600: \$8,694	20,694
	Activity 2.1.2: Engage with researchers and practitioners experts from EIAR, EBA, ERHA and EAEDPC for capacity building for applying and adapting adaptation approaches for targeted farmers.		2,000	EPA/MOA	72500: \$ 2,000	2,000
	Activity 2.1.3: Provide training for Addis Ababa City administration experts and planners on:					
	1. Climate change impact assessment;					
		4,347	4,347	FEPA/AEEPA/ AACAA	75700: \$8,694	8,694

Budget to be paid for PMUs (Project M...)



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Outcomes, Indicators, Targets & Outputs	Planned Activities	Time Frame 2012 With budget		Responsible Party	Budget Description	Amount Total (US\$)
		Q3	Q4			
	<ol style="list-style-type: none"> <li>2. Identification of vulnerable sectors and undertaking vulnerability assessment;</li> <li>3. Assessment of adaptive capacity of vulnerable communities and owners of vulnerable infrastructural establishments;</li> <li>4. Identification and prioritization of the most appropriate response measures; and</li> <li>5. Preparation of portfolio of good practices and technologies required for the implementation of response measures</li> <li>6. Impact assessment of response measures in order to address possible maladaptation</li> </ol>					31,388
	<b>Sub total</b>					

**Output 2.2 Innovative adaptation techniques and practices that enhance climate change resilience and improve adaptive capacity are identified and piloted for the 8 Kebeles**

Activity 2.2.1: Based on positive feasibility analyses, Kebele Supervisors and DAs as well as Woreda project task teams will support the community associations and green enterprises to identify and prepare the location and the underlying activities to be implemented	15,166	FEPA/Regional EPAs/MoA	71300: \$10,000 71600: \$5,166	15,166
Activity 2.2.2: Lead by the Woreda task teams (set up in Output 1.1) and with support from experts, undertake participatory feasibility assessments of the identified adaptation activities and preparation of project	15166	FEPA/Regional EPAs/MoA	71300: \$10,000 71600: \$5,166	15,166



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Outcomes, Indicators, Targets & Outputs	Planned Activities	Time Frame 2012 With budget		Responsible Party	Budget		
		Q3	Q4		Budget Description	Amount Total (US\$)	
	proposals.						
	<b>Subtotal</b>						<b>30,332</b>
<b>Output 2.3 Innovative adaptation techniques and practices that enhance sub-national climate change resilience and improve adaptive capacity are piloted in Addis Ababa</b>							
	Activity 2.3.1: Support Addis Ababa City with relevant expertise for the integrated climate resilient initiative; identify sites for the implementation of pilot projects, prioritize and implement intervention areas including catchment management.	17,000		AAEPA/ AACCA	71300: \$17,000		17,000
	<b>Subtotal</b>						<b>17,000</b>
	<b>Outcome2 total</b>						<b>78,720</b>
<b>Outcome 3: Capacity for community-based climate change adaptation improved.</b>							
<b>Indicator 1:</b> - % of targeted population covered by innovative insurance mechanisms, disaggregated by gender.							
- Increase in climate resilient agricultural productivity in the target areas							
<b>Baseline:</b> - Informal coping strategies are in use in target areas, no formal financial risk reducing/insurance approaches yet in place due to lack of meteorological and hazard information in target areas							
- Very limited capacity for applying climate resilient agriculture							
<b>Targets End of Project:</b> - By the end of the project at least 25% of the men and 25% of the women in the target communities are using innovative mechanisms to insure against the inherent uncertainty of climate change ;							
-By the end of the project, climate resilient agricultural production has increased by 12.5% in target areas compared to baseline (1/ha maize) and for adjusted for rainfall.							
<b>Output 3.1. Capacity strengthening of sector ministries and local Government staff to use downscaled forecast information in weather-</b>							





Outcomes, Indicators, Targets & Outputs	Planned Activities	Time Frame 2012 With budget		Responsible Party	Budget	
		Q3	Q4		Budget Description	Amount Total (US\$)
		<b>sensitive support for community adaptation undertaken.</b>				
	Activity 3.1.1: Support NMA to plan the provision of support to eligible entities in the eight pilot Kebeles to use climate information for planning and weather information for short-term decision-making.		5,000	FEPA/NMA	75700: \$5,000	5,000
	Activity 3.1.2: NMA will produce downscaled model techniques (to the extent possible) and provide mentoring support for the task teams in the pilot Woredas to be able to understand and use the model available.		8,800	NMA/Regional EPAs	71300: \$8,800	8,800
	Activity 3.1.3: With specialist technical assistance, the Ministry responsible for the communication, in cooperation with NMA will assess the role of mobile phone technologies for the provision of short range weather and hazard information to reach farmers and DAs.		6,600	EPA/ Ministry of communication	71300: \$6,600	6,600
	Activity 3.1.4: NMA and Addis Ababa City Administration collaborate to analyze weather information requirements for disaster risk management, infrastructure needs, and how (in what formats) that data can be provided in.		6,600	AAEPA/NMA/ AACA	71300: \$6,600	6,600



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Outcomes, Indicators, Targets & Outputs	Planned Activities	Time Frame 2012 With budget		Responsible Party	Budget	
		Q3	Q4		Budget Description	Amount Total (US\$)
	<b>Activity 3.1.5:</b> EPA, NMA with UNCDF identify and engage micro-insurance service providers introduce a weather index insurance scheme.		6,600	EPA/NMA	71300: \$6,600	6,600
	<b>Activity 3.1.7:</b> NMA will be resourced and provided capacity building to utilize the meteorological stations and to undertake training of community organizations, small scale enterprises and development agents so that they can interpret and use the weather information provided.		8,800	EPA/NMA	71300: \$8,800	8,800
	<b>Subtotal</b>					<b>42,400</b>

**Output 3.2 Community weather information systems established via Woreda.net to enable access to real time agro-meteorological information.**

	<b>Activity 3.2.1:</b> NMA and Woreda.net service providers will assess the compatibility of existing data for replication on the Woreda.net data software platforms.	7,000		NMA/Regional EPAs/Regional IT offices	71300: \$ 8,800	8,800
	<b>Activity 3.2.2:</b> Data sharing and quality protocols and agreements will be agreed between the relevant parties (EPA, NMA, Woreda.net) and the data uploaded onto the Woreda.net system.		10,116	EPA/NMA	71300: \$ 10,116	10,116
	<b>Subtotal</b>					<b>18,916</b>



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Outcomes, Indicators, Targets & Outputs	Planned Activities	Time Frame 2012 With budget		Responsible Party	Budget	
		Q3	Q4		Budget Description	Amount Total (US\$)
<b>Output 3.3 Risk reducing finance and insurance mechanisms tested</b>						
	<b>Activity 3.3.1:</b> Assess current disaster risk insurance in place for Addis Ababa and how climate change risk management can be built into current plans. The findings will be integrated into the Addis Ababa integrated climate resilient and green development plan.	6,600		AAEPA/EPA/ AACAA	71300: \$ 6,600	6,600
	<b>Activity 3.3.2</b> Undertake a joint review, with farmers, of formal and informal financial risk management, the cost to farmers (social and financial premiums) and risk-return assessment of different current and potential approaches (approaches piloted should not increase indebtedness, create non-repayment risks etc.)	14,800		EPA/REPAS/ RBoFEDs	71300: \$8,800 71600: \$6,000	14,800
	<b>Sub total</b>					<b>21,400</b>
<b>Output 3.4: Climate change information centers to extend lessons and share climate information to Kebeles and sub-cities in the target areas and Woreda.net used as a portal to share ideas and generate momentum for expansion/replication of initiatives between Woredas.</b>						
	<b>Activity 3.4.1:</b> At national level in collaboration with the relevant Minister for information, develop an outline of information dissemination plan by the Federal EPA which will be completed at Woreda level with locally	12,000		EPA/ Ministry of communication	71300: 12,000	12,000



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Outcomes, Indicators, Targets & Outputs	Planned Activities	Time Frame 2012 With budget		Responsible Party	Budget Description	Amount Total (US\$)
		Q3	Q4			
	specific requirements.					
	<b>Activity 3.4.2:</b> Develop a climate change information centre at the two target Kebeles and centrally at the Woreda level where local weather information, information on climate change and green growth, adaptation techniques and practices is provided. Federal EPA will support by providing relevant information such as best practices, adaptation tools, packages and technical manuals.	9,120		EPA/ Ministry of communication	71300: \$6,600 71600: \$2,520	9,120
	<b>Subtotal</b>					<b>21,120</b>
	<b>Outcome3 total</b>					<b>103,836</b>

**<sup>3</sup> Project Management: Administrative Activities (Office arrangement, Staffing and systems setup/ installment)**

<b>1. Office Setup:</b>						
<b>Activity 1.1 :</b> Undertake discussion on office location and size with EPA and UNDP						
<b>Activity 1.2:</b> Supplies, Communication and travel						
<b>Activity 1.3: Miscellaneous</b>						



<sup>4</sup> The budget for this outcome is earmarked in outcome 2 above.

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Outcomes, Indicators, Targets & Outputs	Planned Activities	Time Frame 2012 With budget		Responsible Party	Budget		
		Q3	Q4		Budget Description	Amount Total (US\$)	
	<b>2. Staffing (Manning)</b>						
	<b>Activity 2.1 :</b> Contracting Project Manager and salary						
	<b>Activity 2.2 :</b> Contracting Administrations and Finance Assistance and salary						
	<b>Activity 2.3</b> Contracting four community site officers						
	<b>Activity 2.4:</b> Contracting four community site finance officers						
	<b>Activity 2.5:</b> Support the project site offices on staffing, fulfilling the office requirements and system installation and assure compatibility for the implementation of the project plan						
	<b>Activity 2.6:</b> Create Awareness to the project staff accordingly						
	<b>Sub total</b>						
	<b>3. Systems Setup/installment</b>						
	<b>Activity 3.1 :</b> Develop operational Guidelines and procedures for procurement, carrying handling and delivery of material						
	<b>Activity 3.2 :</b> Create Awareness to the project staff accordingly						
	<b>Activity 3.3 :</b> Based on the national and UNDP procedural guidelines, develop operational Guidelines and procedures on collection and disbursement of cash, recording, sorting and summarizing and reporting of						



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Outcomes, Indicators, Targets & Outputs	Planned Activities	Time Frame 2012 With budget		Responsible Party	Budget Description	Amount Total (US\$)
		Q3	Q4			
	financial matters for internal and external users.					
	<b>Activity 3.4:</b> Create Awareness on the UNDP procedural guidelines, develop operational Guidelines and procedures on collection and disbursement of cash, recording, sorting and summarizing and reporting of financial matters for internal and external users.					
	<i>Subtotal</i>					
<b>Monitoring, Learning, Adaptive Feedback &amp; Evaluation</b>						
	<b>Activity 1 :</b> Organize programme steering and technical committee meetings					
	<b>Activity 4 :</b> Coordinate preparation of annual work plan					
	<b>Activity 8:</b> Undertake Joint M&E Visit					
	<b>Knowledge management, documentation 1%</b>					
	<i>Sub Total</i>					
<b>Project Management and M&amp;E Total</b>						
	<b>Grand Total</b>					<b>248,362</b>



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