

CLIMATE CHANGE ADAPTATION BULLETIN

A Quarterly Update of Activities

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Empowered lives.
Resilient nations.

This bulletin is produced by the UNDP-GEF Unit of UNDP's Environment and Energy Group. It provides an overview of UNDP-GEF's support to countries to affect policy and institutional change for climate change adaptation at the national, sub-national and community levels. It includes updates on a range of topics including the status of on-going projects, new project approvals, performance indicators, project impacts and results, and noteworthy announcements.

To contribute to future editions of the newsletter, please write to: adaptation@undp.org

Adaptation Practitioners Days – ‘What is Adaptation in Practice?’

Contributed by: [Chibulu Luo](#), Global Environment Facility

Scheduled in parallel with the eighteenth meeting of the Conference of Parties (COP 18), on 1-2 December 2012, Adaptation Practitioners Days (APD) brought together Adaptation Practitioners who shared experiences about concrete adaptation actions from the field, and provided answers for the question, “what is adaptation in practice?”. It featured a number of presentations that showcased experiences on the ground which were gained from over 10 years of innovative adaptation financing through the Least Developed Countries Fund (LDCF) and Special Climate Change Fund (SCCF). Combined, the two funds have financed over US\$680 million for more than 160 projects in vulnerable LDCs and developing countries. (continued on p. 2)

Note: Past Adaptation Bulletins have focused on Europe ([Issue 10](#)), Asia Pacific ([Issue 9](#)), and Africa ([Issue 8](#)). Stories from the Latin America/Caribbean and Arab States regions will be featured in 2013. For Issue 11, we are pleased to share two stories from the UN Climate Change Conference in Doha.

Best Wishes for the New Year!

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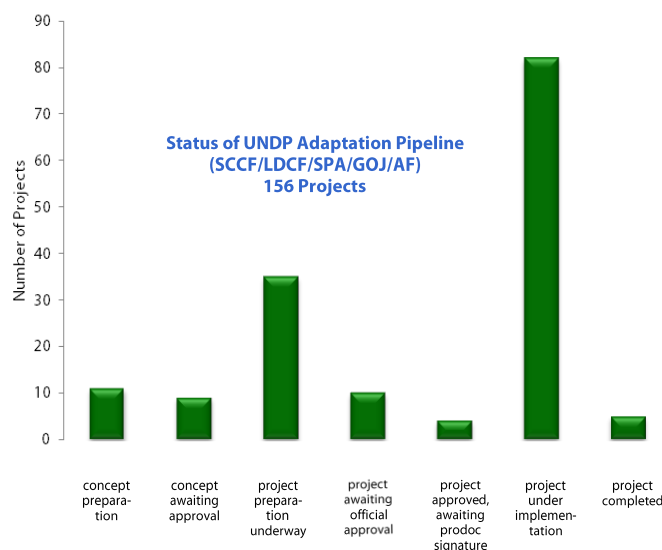
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Quick Glance at UNDP's Adaptation Portfolio (Dec'12)



(Continued from page 1) - *Adaptation Practitioners Day*



Photo: IISD

The first day's events included a high-level opening with the Chief Executive Officer of the Global Environment Facility, Dr. Naoko Ishii and other high-level representatives from UNDP, UNFCCC, World Bank (WB), FAO, the Subsidiary Body for Scientific and Technological Advice, the Least Developed Countries Group, and the Governments of Germany, Tuvalu and Gambia; followed by parallel sessions on Adaptation in Africa and the Middle East, and Asia. In her introductory remarks, Dr. Ishii stressed the need for transformational change on a global scale to address adaptation to climate change, which is now an urgent development priority. She called on participants to focus on lessons from the experiences shared by Practitioners that will foster and enable innovation for adaptation. Panel representatives also highlighted the need for "joined-up" action to scale up adaptation financing, integrated adaptation and development objectives, and shared successful best practices to help communities adapt.

During the parallel sessions, Practitioners from Africa, the Middle East and Asia presented their experiences of implementing adaptation in several countries in their regions. They provided concrete examples of how the funds were being used on the ground – namely by developing drought and flood resilient crops, building effective early-warning systems, promoting community-based adaptation, and strengthening activities in integrated watershed and coastal zone management. Projects were wide-ranging; one Practitioner from Ethiopia highlighted results from the UNDP-supported district-level pilot that has resulted in improved weather communication to farmers in the northeastern region. In Morocco, objectives of the country's WB-supported agricultural and water development strategy known as "Plan Maroc Vert" were outlined; and in Bangladesh, a UNDP-supported project on community-based adaptation, aimed at enhancing resilience in the country's poorest communities, was illustrated.

On the second day, presentations focused on adaptation activities being undertaken to reduce climate risks in vulnerable sectors such as disaster risk and coastal zone management, health, food security and water resources management. As a side event, the award-winning film "Revealed: The Himalayan Meltdown" (click [here](#) to view the trailer), produced by Arrowhead Films and UNDP, was screened. Projects varied from designing catastrophe risk insurances schemes in South Eastern Europe, mangrove replanting in Small Island Developing States, to improving resilience in food production systems. There were engaging discussions and active sharing of lessons learned among the participants.

The APD event was held at the Ezdan Hotel and Suites in Doha, Qatar, and was facilitated by the Global Environmental Facility (GEF) in collaboration with the Secretariat of the United Nations Framework Convention on Climate Change (UNFCCC), and under the sponsorship of the Governments of Germany, the Gambia and Tuvalu.

To view photos from this 2-day event, please visit the following links from the IISD website:

- [Photos - Day 1](#)
- [Photos - Day 2](#)

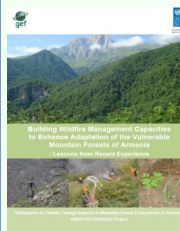
Featured Resources

New Blog Launched on Climate Information and Early Warning Systems Initiatives in Africa



In the second quarter of 2012, UNDP and GEF, in partnership with eleven countries across Africa (Benin, Burkina Faso, Ethiopia, Gambia, Liberia, Malawi, Sao Tome and Principe, Sierra Leone, Tanzania, Uganda, Zambia), embarked on a programme to strengthen countries' climate information and early warning systems (EWS) for decision-making, as reported in [Issue 9](#) of the Adaptation Bulletin. The initiatives under this programme aim to generate effective EWS in eleven of the most vulnerable countries in Africa by integrating climate risk knowledge, monitoring and predicting, information dissemination and building national and community response capabilities to act effectively. The [UNDP-EWS Africa Blog](#) was launched to provide updates on the development of these initiatives. Currently, readers can find information on inception workshops that have taken place over the past several months.

Building Wildfire Management Capacities to Enhance Adaptation of the Vulnerable Mountain Forests of Armenia—Lessons from Recent Experience



This publication was prepared as part of the initiative, "Adaptation to Climate Change Impacts in Mountain Forest Ecosystems of Armenia", financed by the GEF's Strategic Priority on Adaptation and supported by UNDP. It provides background on the unique mountain forests of Armenia, the wildfire situation, and examples of impacts achieved through this initiative. Impacts include building early-response capacities of forest managers, strengthening institutional cooperation, addressing the root causes of fires, and incorporating climate change risks into forest management. The publication can be downloaded via this [link](#).

Namibia Wins Momentum for Change Award at COP18

Contributed by: *Annalisa Jose and Charles Nyandiga, UNDP/CBA*



Photo: Creative Entrepreneurs Solutions, Namibia

Namibia, along with eight other countries, won the Momentum for Change Award at the 18th UN Climate Change Conference (COP18) in Doha, Qatar. Namibia was given the award for implementing the UNDP-supported and GEF-financed project, "Approaching community adaptation to climate change holistically by using multiple coping strategies". The six strategies are implemented in local communities in the five northern regions of Namibia.

For additional information on the Momentum for Change Initiative, please visit the following links: [Momentum for Change Initiative](#) on the UNFCCC website; [UNFCCC Press Release](#); [Momentum for Change](#) on facebook.

(Continued from page 2) - *Namibia Wins Momentum for Change Award*

About the project

Through this community-based adaptation (CBA) project, communities pilot the implementation of six interlinked coping strategies to climate change vulnerability. Project activities focus on awareness-building interventions for climate change, coping strategies and nutritional needs, as well as social mobilization of community members. A participatory approach is used throughout the project cycle – during project planning and development, implementation of activities, and resource mapping. Self Help Groups (SHGs) were formed at the beginning of and during the project allowing community members to take charge of their own development, savings, and lending. In addition, gender mainstreaming and social inclusion approaches are used to ensure that everyone's needs are met and all concerns are addressed, especially for marginalized groups.

Among the various strategies of this project is the innovation and use of the EzyStoves, a revolutionary wood-burning stove developed by local users and the Swedish company Ergonomidesign. It replaces cooking over an open fire, reduces harmful smoke, decreases deforestation, and drastically reduces carbon dioxide emissions. The initiative is a response to communities' concerns over alarmingly high rates of deforestation and increasing respiratory illnesses due to the widespread practice of cooking over open fires. Because EzyStove is fuel-efficient, it lessens women's burdens by reducing fuel wood consumption by two thirds, while simultaneously cutting back toxic emissions by 60 to 80 percent. Users have also reported cleaner cooking environments when using EzyStove since it vastly reduces smoke and soot emissions. The EzyStove greatly contributes to and enhances women's roles in the community since they will now have more time to attend to other daily and more urgent family matters. Namibia's Environmental Investment Fund, a semi-autonomous government agency, is funding a pilot project to bring EzyStove to Katutura - the densely populated township on the outskirts of Windhoek.

The project has also applied a distinct method of Namibia-specific conservation agriculture (CONTILL) to the region. In June 2010 the Siya SHG's first harvest for pearl millet, a staple food in Namibia, increased from an average of 70kg to 570kg per hectare. In addition, the Siya group generated cash income from its maize harvest, and is planning to sell cooking oil extracted from the sunflower harvest. Through the use of CONTILL, food shortages have been lessened and income generating opportunities have grown.

Recognizing that today's youth are tomorrow's leaders, the project's sustainable practices are being integrated into school curricula to ensure wider impacts throughout the country. Children learn about climate change and its impacts, conservation agriculture, soil improvement techniques and micro drip irrigation of vegetables.

The project also aims to influence policy at the local and national level. Upon visiting a project site in 2011, His Excellency Hifikepunye Pohamba, the President of the Republic of Namibia, was impressed with the work carried out by local participants and stated that the projects have the potential to be among the most promising agricultural/adaptation initiatives in the country. The project has been discussed in the Namibian national assembly and is expected to influence government approaches to land management in northern Namibia.

Lessons learned and sustainable adaptive practices have been replicated by neighboring communities as well as other government institutions and NGOs.

Recent Concept/Project Approvals

<u>Country & Project Title</u>	<u>Source of Funds</u>	<u>Concept or Project</u>	<u>Approval Date</u>
Burundi: Community disaster risk management in Burundi	LDCF	Concept	Oct-12
Equatorial Guinea: National Adaptation Programme of Action (NAPA)	LDCF	Concept	Nov-12
Gambia: Strengthening Climate Services and EWS for Climate Resilient Development and Adap-	LDCF	Concept	Oct-12
Malawi: Implementing urgent adaptation priorities through strengthened decentralized and	LDCF	Concept	Nov-12
Mali: Strengthening the resilience of Women producer group's and vulnerable commu-	LDCF	Concept	Dec-12
Sudan: Climate risk finance for sustainable and climate resilient rainfed farming and pas-	LDCF	Concept	Sep-12
Tunisia: Introducing innovative coastal adaptation practices in Tunisia to address threats of sea	LDCF	Concept	Oct-12
Vanuatu: Adaptation to Climate Change in the Coastal Zone in Vanuatu	LDCF	Concept	Nov-12

Acronyms

AF	Adaptation Fund
AFB SEC	Adaptation Fund Board Secretariat
AusAID	Australian Agency for International Development
BMU	Germany's Federal Ministry for the Environment, Nature Conservation, and Nuclear Safety
CBA	Community-Based Adaptation
FAO	Food and Agriculture Organization
GEF	Global Environment Facility
GEF SEC	Global Environment Facility Secretariat
GOJ	Government of Japan
LDCF	Least Developed Countries Fund
NGO	Non-governmental Organization
SCCF	Special Climate Change Fund
SPA	GEF Trust Fund's Strategic Priority on Adaptation
UNFCCC	United Nations Framework Convention on Climate Change

Status of UNDP-supported Adaptation Initiatives

REGION	COUNTRY	SOURCE OF FUNDS	GRANT (US\$M)	REGION	COUNTRY	SOURCE OF FUNDS	GRANT (US\$M)	REGION	COUNTRY	SOURCE OF FUNDS	GRANT (US\$M)
1. CONCEPT PREPARATION <i>(by Country with UNDP support)</i>				3. PROJECT PREPARATION UNDERWAY - cont'd <i>(by Country with UNDP support)</i>				6. PROJECT UNDER IMPLEMENTATION - cont'd <i>(by Country with UNDP support)</i>			
Africa	Benin (2)	LDCF	9.00	Latin America and Caribbean	Grenada	BMU	1.94	Africa	Mauritius (2)	AF/GOJ	11.39
	Burundi	LDCF	5.00		Pacific	Samoa	LDCF		1.95	Mozambique (3)	GOJ/LDCF/SCCF
	Guinea Bissau	LDCF	5.00	Solomon Islands		LDCF	6.85		Namibia	GOJ	2.98
	Senegal	LDCF	4.31	Tuvalu		LDCF	4.20		Niger (2)	GOJ/LDCF	6.50
	Zambia	LDCF	6.00	Vanuatu		LDCF	8.03		Nigeria	GOJ	5.48
Arab States	Djibouti	LDCF	5.00	4. PROJECT AWAITING OFFICIAL APPROVAL <i>(by GEFSEC or AFB SEC)</i>					Regional - West Africa Shoreline (5 countries)	SPA	3.30
Asia	Myanmar	LDCF	4.00	Africa	Ghana	AF	7.64		Rwanda	GOJ/LDCF	4.92
Latin America and Caribbean	Costa Rica	AF	TBD		Asia	Mali	AF		7.86	Sao Tome & Principe	GOJ
	Suriname	AF	4.61	Seychelles		AF	5.95		Senegal	GOJ	3.00
Pacific	Kiribati	LDCF	4.43	Europe and Central Asia	Lao	LDCF	4.70		South Africa	SCCF	3.54
2. CONCEPT AWAITING APPROVAL <i>(by GEFSEC or AFB)</i>					Latin America and Caribbean	Nepal	LDCF	6.30	Swaziland	SCCF	1.67
Africa	Angola	LDCF	8.20	Pacific		Uzbekistan	AF	5.08	Tanzania	GOJ	2.91
	Central African Repub-	LDCF	2.78		Asia	Cuba	AF	5.59	Zambia	LDCF	3.80
	Dem. Rep. of Congo	LDCF	4.50	Europe and Central Asia		El Salvador	AF	5.00	Djibouti	AF	4.29
	Lesotho	LDCF	8.36		Latin America and Caribbean	Fiji	AF	5.28	Egypt	SCCF	4.00
	Sao Tome and Principe	LDCF	4.00	Pacific		Tonga	AF	5.98	Morocco	GOJ	2.98
Arab States	Yemen	LDCF	4.92		5. PROJECT APPROVED, AWAITING PROJECT DOCUMENT SIGNATURE <i>(by UNDP and Country)</i>				Somalia	LDCF	0.20
Asia	Timor Leste	LDCF	7.35	Asia	Indonesia	SCCF	5.00	Sudan	LDCF	3.30	
Latin America	Suriname	SCCF	4.51		Latin America and Caribbean	Myanmar	AF	7.29	Tunisia	GOJ	2.98
3. PROJECT PREPARATION UNDERWAY <i>(by Country with UNDP support)</i>				Latin America and Caribbean		Vietnam	SCCF	1.40	Bangladesh	LDCF	3.30
Africa	Benin	LDCF	4.00		Asia	Guatemala	AF	5.00	Bhutan	LDCF	3.46
	Burkina Faso (2)	LDCF	11.00	6. PROJECT UNDER IMPLEMENTATION <i>(by Country with UNDP Support)</i>				Cambodia	LDCF	1.85	
	Burundi	LDCF	8.72	Africa	Benin	LDCF	3.41	India	SPA	0.20	
	Comoros	LDCF	8.99		Burkina Faso (2)	GOJ/LDCF	5.81	Lao	LDCF	4.45	
	Equatorial Guinea	LDCF	0.20		Cameroon	GOJ	3.00	Maldives (3)	AF/LDCF	14.42	
	Ethiopia	LDCF	4.90		Cape Verde	LDCF	3.00	Mongolia	AF	5.07	
	Gambia (2)	LDCF	11.90		Comoros	LDCF	2.62	Pakistan	AF	3.60	
	Guinea	LDCF	3.72		Congo	GOJ	2.98	Thailand	SCCF	0.87	
	Liberia	LDCF	6.73		Dem. Rep. of Congo	LDCF	3.00	Europe and Central Asia	Albania	SPA	0.98
	Malawi (3)	GOJ/LDCF	13.82		Eritrea	AF	6.01		Armenia	SPA	0.90
Mali	BMU	3.95	Ethiopia (3)		GOJ/LDCF/SCCF	9.21	Azerbaijan		SCCF	2.70	
Niger	LDCF	3.75	Gabon		GOJ	2.47	Georgia	AF	4.90		
Sao Tome and Principe	LDCF	4.00	Ghana	GOJ/SCCF	4.43	Tajikistan	SPA	0.95			
Sierra Leone (2)	LDCF	6.94	Guinea	LDCF	2.97	Turkmenistan	AF	2.70			
Tanzania	LDCF	4.00	Guinea Bissau	LDCF	4.00	Global	Community-based Adaptation (10 Countries)	SPA	4.53		
Uganda	LDCF	4.00	Kenya (2)	GOJ/SCCF	6.47		CC & Health (with WHO) (7 Countries)	SCCF	4.50		
Zambia	LDCF	4.00	Lesotho	GOJ	2.98		Colombia	AF	7.85		
Arab States	Sudan	LDCF	5.70	Liberia (2)	LDCF	5.28	Ecuador	SCCF	3.00		
	Tunisia	SCCF	5.50	Malawi	GOJ	3.88	Haiti	LDCF	3.50		
Asia	Bangladesh	LDCF	5.65	Mali	LDCF	2.34	Honduras	AF	5.18		
	Bhutan	LDCF	11.49	8. PROJECT COMPLETED				Nicaragua	AF	5.70	
	Philippines	SCCF	1.05	Africa	Namibia	SPA	0.96	Uruguay	SPA	0.98	
	Sri Lanka	SCCF	3.12		Tanzania	SCCF	1.00	Pacific	Cook Islands	AF	4.96
Timor Leste	LDCF	4.60	Europe and Central Asia	Hungary	SPA	0.99	Papua New Guinea		AF	6.02	
				Global	Adaptation Learning Mechanism	SPA	0.72		Regional (13 Pacific Islands)	AusAID/SCCF	20.98
									Samoa (3)	AF/LDCF	12.45
								Solomon Islands	AF	5.10	
								Tuvalu (2)	AusAID/LDCF	4.37	



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