

Information submitted by United Nations organizations and other institutions on capacity-building activities undertaken between September 2011 and December 2011

Table 1
Activities in support of institutional capacity-building

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
Direct Access Support Programme	The overall objective of this project is to build the institutional capacities of developing countries to directly access existing and upcoming climate financing resources such as the Adaptation Fund, and the Green Climate Fund (GCF)	1 February 2011 to 2013, Mexico, Peru, Costa Rica, Namibia, Mozambique, Uganda, Indonesia	United Nations Environment Programme (UNEP), United Nations Development Programme (UNDP), Climate and Development Knowledge Network (CDKN)	USD 220,000 (Norway and Sweden, Department for International Development, through CDKN)	
Workshop on strengthening capacities to increase finance for sustainable land management (SLM) projects through climate change financing mechanisms in South East Asia	Knowledge sharing and capacity-building technical training to strengthen national capacities ensuring sustained adequate investment flows in SLM to benefit South East Asian populations living in degraded landscapes, through increasing co-financing from climate change related financing mechanisms	29 August–1 September 2011, Laos	Food and Agriculture Organization (FAO), Global Mechanism (GM), European Commission (EC), International Fund for Agricultural Development (IFAD)		< http://www.fao.org/investments/investment-centre-and-climate-change/abouttheinitiative/workshop-in-south-east-asia/en/ >
National Climate Finance Institutions Support Programme (NCFISP)	Helping countries get ready to access, absorb, and manage international climate finance. The programme helps national climate finance institutions become “Fit for the Funds” through the exchange of knowledge, experience, and best practices.	January 2011 to December 2012, Bangladesh, Cambodia, Indonesia, Maldives, Nepal, Philippines,	UNEP	USD 3,000,000 (from the German Federal Ministry for the Environment, Nature	< www.fs-unesp-centre.org >

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	Climate finance institutions in an early stage of development, especially those in Least Developed Countries (LDCs), receive a range of practical services to develop technical know-how, innovative financing approaches and joint pilot projects	South Pacific Regional Environment Programme, Viet Nam, Chile, Colombia, Dominican Republic, El Salvador, Ecuador, Guyana, Mexico, Peru, Benin, Botswana, Burkina Faso, Ghana, Mali, Morocco, South Africa, Uganda, Zimbabwe		Conservation and Nuclear Safety in the framework of the International Climate Initiative (ICI)	
Climate Change Capacity Building Programme for Iraq	The programme aims at supporting Iraq in addressing climate change challenges and starting the implementation of the UNFCCC and the Kyoto Protocol. The project goals are: (i) building broader support and understanding for climate change by raising awareness and strengthening the role of the Ministry of Environment as the UNFCCC focal point; (ii) supporting the government's ongoing assessments (national communications, climate change strategy, etc.) and consultative processes; (iii) supporting pilot, on-the-ground, activities; (iv) adapting economic sectors to climate change and; (v) mitigating the emissions	2010 to 2013, Iraq	UNEP, Ministry of Environment Ministry of Oil, Ministry of Water Resources, Ministry of Agriculture	USD 750,000 (UNDP, GEF)	

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	of GHGs				
UNDP, UNEP, World Bank (WB) National Implementing Entity (NIE) Support Programme	Supports countries wishing to attain NIE accreditation to the Adaptation Fund (AF). Provides a menu of services from which countries can choose depending on their national situation and priorities, to develop the capacity of national institutions for climate-related decision making and management of climate financing resources from the AF in the short-term, and any other fund including the Green Climate Fund in the long-term	Ongoing, global	UNDP, UNEP, WB		
Caribbean Community Climate Change Centre (CCCCC) institutional strengthening and capacity development	To enhance capacity through an online course, e-SIAC, of practitioners from the meteorological, agricultural and hydrological services to analyze historical climatic records and produce reports that contribute to economical and social development. As well as refurbish automatic weather monitoring systems at Caribbean Agriculture Research and Development Institute locations in the Caribbean	July 2010 to April 2012, Caribbean	United Nations Institute for Training and Research (UNITAR), CCCCC		< http://www.c3d-unitar.org/ >
Direct Access Support Programme	The overall objective of this project is to build the institutional capacities of developing countries to directly access existing and upcoming climate financing resources such as the Adaptation Fund, and the GCF	February 2011 to 2013, Mexico, Peru, Costa Rica, Namibia, Mozambique, Uganda, Indonesia	UNEP, UNDP, CDKN		
African Dialogue on Climate Change Finance and	To identify lessons learned from the development aid experience; strengthen knowledge sharing across countries on the	21–23 September 2011, Kenya, Africa	ADB, OECD, UNDP, UNEP, UNITAR, UN		< http://www.oecd.org/document/34/0,3746,en_2649_34421_48456610 >

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Development Effectiveness	management of climate related finance; and exchange experience on country level preparations for managing scaled-up climate finance in the coming years		CC:Learn Partners		_1_1_1_1,00.html>

Table 2
Capacity-building activities in support of enhancement and/or creation of an enabling environment

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
Least Developed Countries Fund (LDCF), Special Climate Change Fund (SCCF), Strategic Priority on Adaptation (SPA), Adaptation Fund (AF), AusAID, Government of Germany (BMU)	Supports countries to establish enabling environments, carry out pilot demonstrations and strengthen technical and institutional capacity required to design, finance, implement and monitor long-term and cost-effective adaptation policies and measures. The United Nations Development Programme (UNDP) supports more than 80 countries to adapt to climate change through grant funding from the LDCF, SCCF, SPA, AF, Government of Australia, Government of Germany	Ongoing, global	Global Environment Facility (GEF), Adaptation Fund, UNFCCC, Government of Australia, Government of Germany, UNDP	USD 320,000,000 (grant funds)	< http://www.undp.org/cimatestrategies/climatestrategies_adaptation.shtml >
Strengthening the resilience of post-conflict recovery and development to climate change risks in Sri Lanka	To increase the resilience of communities to climate change-induced hazards through integration of climate-smart policies and actions into development planning and budgeting, including in the reconstruction and	29 September 2011, Sri Lanka	UNDP	USD 600,000 (Special Climate Change Fund)	

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	rehabilitation programmes in the Northern Province and Eastern Province				
Central Asian Climate Risk Management Programme	Strengthens climate-related disaster risk reduction and adaptive capacity in central Asia, promotes early action and provides the foundation for long-term investment to increase resilience to climate-related impacts across the region, builds institutional frameworks and technical capacity to manage climate change risks and opportunities, implements climate change adaptation interventions in priority sectors, disseminates knowledge on how to incorporate climate change knowledge and risks into development processes at national, sub-national and local levels, develops tools and approaches to sharing knowledge on adjusting national development processes to fully incorporate climate-related risks and opportunities, synthesising and further developing knowledge on glacial melting in Central Asia	March 2010 to December 2014, Turkmenistan, Tajikistan, Kazakhstan, Uzbekistan, Kyrgyzstan	UNDP	USD 12,000,000	< http://www.facebook.com/Climate.Risk.Management >
Territorial Approach to Climate Change (TACC) Facility and Down to Earth: TACC project	The TACC Facility embedded within the Down to Earth: TACC project develops the capacity of sub-national governments in low-income countries to create conditions that reduce perceived investment risks and access	Ongoing, Colombia, Senegal, Uganda and Uruguay; and will soon be launched in Peru and Nigeria.	UNDP, European Commission (EC)	USD 5,400,000	< http://www.beta.undp.org/content/undp/en/home/ourwork/environmentandenergy/focus_areas/climate_strategies/undp_projects_thatcontribu

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	new sources of environmental finance for addressing climate change, and prepare Green Low-Emission and Climate-Resilient Development Strategies (Green LECRDS) in line with overall development plans				tetogreenlecrds/national_sub-nationalstrategies.html
National Capacity Self-Assessments (NCSA) and cross-cutting capacity development programmes	NCSA provided support to 146 developing countries and economies in transition to identify their individual, institutional, and systemic capacities needed to meet obligations under the Rio Conventions. With funding from the GEF, UNDP works with 40+ countries to develop and implement cross-cutting capacity development projects that builds on the NCSA and provides targeted support to strengthen underlying capacities to meet Rio Convention objectives	Ongoing, global	UNDP and United Nations Environment Programme (UNEP) with funding from GEF Trust Fund	USD 44,700,000 (NCSAs), USD 9,590,000 (CCCD)	< http://ncsa.undp.org > < http://www.undp.org/climatestrategies/climatestrategies_capacity_development.shtml >

Table 3

Capacity-building activities in support of national communications

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
National Communications Support Programme (NCSP)	Provides technical and policy support to 140 Non-Annex I Parties for the preparation of their national communications to the UNFCCC. The NCSP organizes regional workshops	2005 to 2012, global	United Nations Development Programme (UNDP), United Nations	USD 4,400,000 (Global Environment Facility (GEF) Trust Fund and	< http://ncsp.undp.org >

Capacity-building activities in support of national communications

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	for training, information and knowledge exchange on greenhouse gas inventories, supports mitigation analysis and vulnerability and adaptation assessments, prepares technical reviews of draft communications reports, and guidance materials.		Environment Programme (UNEP)	co-finance from the United States of America, Switzerland and Australia)	
National Communications Support Programme	The project aims to provide financial and technical support for the preparation of national communications (NCs) to the UNFCCC in 38 non-Annex I Parties, that have completed preparation of their current national communications. The projects seek to strengthen the information base and institutional capacity of the national institutions involved in the development of national communications in order to integrate climate change priorities into development strategies and relevant sector programs. The project will ensure that countries that have completed preparation of their current NCs have expedited access to financial resources for preparation of their subsequent National Communications. It will also ensure continuity in the strengthening of national capacities and institutional mechanisms for the preparation of National	April 2004 to June 2012, Afghanistan, Angola, Bahrain, Cameroon, Central African Republic, Comoros, Côte d'Ivoire, Djibouti, Democratic People's Republic of Korea, Democratic Republic of the Congo, Equatorial Guinea, Fiji, Gambia, Guinea, Haiti, Kenya, Lesotho, Liberia, Madagascar, Mauritania, Mauritius, Republic of Moldova , Mongolia, Mozambique, Myanmar, Nepal, Niue, Pakistan, Palau, Rwanda, Senegal,	UNEP and 38 national governments (executing agencies)	USD 16,145,000 (GEF grant)	< http://unfccc.int/national_reports/non-annex_i_natcom/items/2716.php > < http://ncsp.undp.org > < http://www.unep.org/climatechange/readywillingandable/home.aspx >

Capacity-building activities in support of national communications

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
	Communications by building on previous achievements and addressing gaps	South Africa, United Republic of Tanzania, Turkmenistan, Uganda, Uzbekistan, Viet Nam and Zimbabwe.			
National Communications Framework Convention on Climate Change	The project aims to provide financial and technical support for the preparation of NCs to the UNFCCC in 20 non-Annex I Parties that have completed preparation of their current national communications. The projects seek to strengthen the information base and institutional capacity of the national institutions involved in the development of national communications in order to integrate climate change priorities into development strategies and relevant sector programs. The project will ensure that countries that have completed preparation of their current NCs have expedited access to financial resources for preparation of their subsequent National Communications. It will also ensure continuity in the strengthening of national capacities and institutional mechanisms for the preparation of National Communications by building on previous achievements and addressing gaps	May 2010 to April 2014, Guinea-Bissau, Côte d'Ivoire, Democratic Republic of the Congo, Gambia, Ghana, Kuwait, Madagascar, Maldives, Mauritania, Mauritius, Republic of Moldova, Mongolia, Niue, Rwanda, Senegal, Kyrgyzstan, United Republic of Tanzania, Turkmenistan, Uzbekistan and Viet Nam.	UNEP, UNDP and 20 national governments (executing agencies)	USD 10,000,000 (GEF grants) and USD 1,680,000 (expected total government in-kind contribution determined on a country by country basis)	<p><http://unfccc.int/national_reports/non-annex_i_natcom/items/2716.php></p> <p><http://ncsp.undp.org></p> <p><http://www.unep.org/climatechange/readiness/index.html></p>

Capacity-building activities in support of national communications

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CGE hands-on training workshop for the Africa region on vulnerability and adaptation assessment	To build the capacity of national experts in non-Annex I countries in preparing national communications by introducing them to recent science and various tools and methodologies available for vulnerability and adaptation assessment which is reported under the Convention as part of the national communications	7–11 November 2011, Nairobi, Kenya	UNFCCC, UNEP, NCSP	Finland, NCSP, EU	< http://unfccc.int/national_reports/non-annex_i_natcom/training_material/methodological_documents/items/349.php >
Umbrella Programme for National Communication to the UNFCCC	Strengthening of national capacities and institutional mechanisms for the preparation of National Communications by building on previous achievements and addressing gaps	16 September 2011, global	UNEP, 22 national governments	USD 11,000,000 (GEF Trust Fund)	
Third national communication to the UNFCCC	To assist the government of Colombia in strengthening its capacity to design public policies including mitigation and adaptation measures and evaluate the environmental, social and economic impacts of their implementation	21 September 2011, Colombia	UNDP, Institute of Hydrology, Meteorology and Environmental Studies	USD 350,913 (GEF Trust Fund)	
Second national communication to the UNFCCC	To assist Serbia in the preparation of its second national communication (SNC) for the implementation of its obligations under the UNFCCC	Serbia	UNDP, ministries of Environment, Mining and Spatial Planning	USD 500,000 (GEF Trust Fund)	

Table 4
Capacity-building activities in support of national climate change programmes

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
Support to develop low-emission development strategies (LEDS)	Support to five countries to develop low-emission development strategies	2010 to 2012, Eastern Europe and Commonwealth of Independent States (CIS)	United Nations Development Programme (UNDP)		
16th Session of the Committee For Inland Fisheries and Aquaculture of Africa (CIFAA): Climate change effects and adoption of strategies for inland fisheries and aquaculture in Africa	To discuss the need for a CIFAA climate change strategy in inland fisheries and aquaculture	Ongoing, Mozambique	CIFAA, FAO in collaboration with the Government of Mozambique		
The Climate Policy 2012 Programme - Low Emissions and Climate Resilient Development Strategies (LECRDS)	This strategic initiative aims at assisting 19 countries in preparing LECRDS and to raise awareness about the linkages between planning and financing processes to national policies toward the post-2012 climate change regime	September 2008 to December 2012, Regional (Latin America, Ibero-American countries)	UNDP, United Nations Economic Commission for Latin America and the Caribbean (UNECLAC), Inter-American Development Bank (IDB)		

Table 5
Capacity-building activities in support of greenhouse gas inventories

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
Intergovernmental Panel on Climate Change (IPCC) guidelines	The IPCC provides guidelines to help Parties to the UNFCCC prepare their national greenhouse gas inventories	Ongoing, all	IPCC		
Emission Factor Database (EFDB)	EFDB is meant to be a recognised library, where users can find emission factors and other parameters with background documentation or technical references that can be used for estimating greenhouse gas emissions and removals	Ongoing, all	IPCC		
Image and geospatial data processing, organized and delivered by the Forest Monitoring Team of Food and Agriculture Organization (FAO) Forestry Department.	Developing technical capacity of the professionals of the five pilot countries of the FAO-FIN Programme and facilitating the networking and interaction between professionals	Ongoing, Italy	FAO, National Forest Inventories		< http://www.fao.org/forestry/nfma/en/ >
The second UNFCCC inventory review training course	The purpose is to provide training to newly nominated experts for the annual reviews of national GHG inventories reports of Annex I countries. The secretariat is mandated to develop and implement the training programmes under the Convention and the Kyoto Protocol for experts. Only certified experts can participate in expert review teams	5 September–26 October 2011, participating countries included Bhutan, Burundi, Egypt, Georgia, Israel, Morocco, Pakistan, Sudan, Thailand, Venezuela	The Ministry for Resources and Rural Affairs of the Government of the Republic of Malta	USD 46,086	

Capacity-building activities in support of greenhouse gas inventories

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Computable general equilibrium (CGE) hands-on training workshop on national greenhouse gas inventory for the Latin America and Caribbean region	To provide training to experts from the Latin America and Caribbean region using updated CGE training materials with a view to improving the preparation of the national GHG inventories, which are reported under the Convention as part of the national communications	9–13 September 2011, Santiago, Chile	UNFCCC, National Communications Support Programme (NCSP), Intergovernmental Panel on Climate Change (IPCC), Task Force on National Greenhouse Gas Inventories, Technical Support Unit (TFI-TSU)		< http://unfccc.int/national_reports/non-annex_i_natcom/training_material/methodological_documents/items/349.php >

Table 6
Capacity-building activities in support of greenhouse gas inventories

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
Publication of the Special Report on Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation	The report aims to become a resource for decision makers to prepare more effectively for managing the risks of these events	2009 to November 2011, all	Intergovernmental Panel on Climate Change (IPCC), but also was a proposal of United Nations International Strategy for Disaster Reduction (UNISDR)		
National Adaptation Programmes of Action (NAPA)	Funded by the UNFCCC's Least Developed Countries Fund (LDCF), managed by the Global Environment Facility (GEF), the programme provides a process to identify priority	2002 to 2011, global	UNDP, United Nations Environment Programme (UNEP)	USD 6,200,000 (GEF Least Developed Countries Fund)	< http://ncsa.undp.org/http://www.undp.org/climatestrategies/climate_strategies_capacity_development.shtml >

Capacity-building activities in support of greenhouse gas inventories

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	activities that respond to urgent and immediate needs of LDCs. United Nations Development Programme (UNDP) supported 31 LDCs with the preparation of their NAPAs				
Support to climate change vulnerability and impact assessment (VIA)	Support to climate change VIA aims at helping governments, municipalities and other partners to develop the skills for conducting integrated environmental assessments. Activities under the programme include: (i) technological and methodological support for the conduction of environment and climate change outlooks; (ii) development of the International Energy Agency (IEA) Community Platform, which contains a collection of simple training, educational and guidance materials on topics like climate change vulnerability assessments; (iii) development of a collection of training materials on climate change, and; (iv) development of a compilation of environmental datasets freely available at the GEO Data Portal	Ongoing, global, among others: Amazonia, Haiti, Kenya, Rwanda, Sri Lanka, Uganda, Peru, Bolivia, Mongolia, Papua New Guinea, Ecuador and Thailand	UNEP, GRID-Arendal, United Nations Institute for Training and Research (UNITAR), International Institute for Sustainable Development (IISD), Cuban Centre for World Economy Studies	USD 2,500,000 (Environment Fund and Norway, from participating countries and municipalities)	www.unep.org/mentor or www.unep.org/ieacp . <geodata.grid.unep.ch>
Climate change impacts, adaptation and climate information services	To train national counterparts on the impacts of climate variability and climate change on Lesotho's natural resources, agriculture, livestock,	Ongoing, Lesotho	Ministries of agriculture and food security, forestry and land reclamation and natural		

Capacity-building activities in support of greenhouse gas inventories

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	livelihoods and food security and to provide an overview of the activities, outcomes, lessons and experiences from the pilot community projects		resources, Lesotho Meteorological Services		
Climate change impacts, adaptation and climate information services	To share lessons learned from the United Nations Joint Programme project in Nepal	30 September 2011	The Ministry of Agriculture and Cooperatives, UNDP, FAO		
The Africa Adaptation Programme	The USD 92.1 million programme assists 20 African countries to incorporate climate change risks into national development processes and develop the national and local capacities needed to design, finance, implement, monitor and adjust long-term integrated and cost-effective adaptation policies	December 2008 to December 2012, Africa	UNDP, United Nations Industrial Development Organization (UNIDO), United Nations Children's Fund (UNICEF), United Nations World Food Programme (WFP)	USD 92,100,000 (Government of Japan)	
Environnement et Développement du Tiers Monde (ENDA-TM) institutional strengthening and capacity development	To promote knowledge sharing through ENDA's Indigenous Knowledge Bank, and enhance capacity of local communities, non-governmental organizations (NGOs), researchers and policy-makers, to identify adaptation options	September 2011 to December 2012, Senegal, Africa	UNITAR, ENDA-TM		< http://www.c3d-unitar.org/ >
Organization of the joint Subsidiary Body for Scientific and Technological Advice (SBSTA) and Subsidiary Body for	Provide the relevant information and advice emerging from the implementation of Nairobi work programme to the SBI. To highlight the scientific, technical and socio-economic aspects of impacts,	November 2011, Durban, South Africa	Parties, Nairobi work programme partner organizations		<FCCC/SBSTA/2011/CRP.1>

Capacity-building activities in support of greenhouse gas inventories

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Implementation (SBI) in-session workshop to consider the outcomes of the Nairobi work programme	vulnerability and adaptation to climate change most relevant to the SBI				
Development of a Community-based Risk Screening Tool - Adaptation and Livelihoods (CRiSTAL) Forest Toolkit	To develop and field-test the CRiSTAL-Forest approach and toolkit among national and sub-national practitioners and collect recommendations regarding its improvement	September 2011 to December 2012, Africa	UNITAR, Center for International Forestry Research (CIFOR), International Institute for Sustainable Development (IISD)		< http://www.c3d-unitar.org/ >
Climate Change Adaptation & Development Initiative (CC DARE)	Using small funds for small-scale and short-term activities, the CC DARE programme provides timely, flexible and targeted actions for the implementation of national priorities for climate change adaptation in Sub-Saharan Africa and Small Island Developing States. The flexibility of the CC DARE Programme approach results in the diversification of adaptation actions across the multi-sectoral and thematic areas, as well as across actors as a result of engaging different types of actors in both the public and private sectors. Besides expanding the range of intervening actions, the co-benefit of the diversification of the implemented actions includes the enhancement of resilience of the national adaptation	2008 to 2012, Sub-Saharan Africa and Small Island States	UNDP, UNEP, Risoe Centre on Energy, Danish International Development Agency (Danida)	USD 802,500	< http://www.ccdare.org >

Capacity-building activities in support of greenhouse gas inventories

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	strategy to future climate change impacts				
Organization of the UNFCCC expert meeting on challenges and gaps in the implementation of risk management approaches to the adverse effects of climate change	Share information on the current practices, approaches and institutional frameworks for different stages of managing climate-related risks at different levels, sectors and regions in order to identify region-specific gaps and challenges as well as those related to risk management cycle, and to enhance understanding on a possible range of options to address various climate-related risks that countries are facing	10–12 October 2011, Lima, Peru	Parties, NWP partner organizations, other relevant organizations and stakeholders		< http://unfccc.int/6094.php >
Centre International de Formation des Acteurs Locaux (CIFAL Jeju): Enhancing Safety and Security: Reducing Vulnerabilities and Building Resilience to Natural Hazards	To increase awareness on human security and environmental security in the region; identify key challenges in disaster mitigation; and recognize good practices to reduce vulnerability and build resilience to natural hazards at the local level	7–9 September 2011, Republic of Korea	UNITAR, CIFAL Jeju		< www.cifaljeju.org >
Community-based adaptation and implementation of climate change mainstreaming tools	To enhance the capacity of various stakeholders in Banjul, Gambia & Matam District Senegal to use community-based tools and methods for vulnerability assessments and the development of adaptation and mitigation strategies that support decision-making	September 2011 to December 2012, Africa	UNITAR, ENDA TM, Stockholm Environment Institute (SEI), Munasinghe Institute for Development		< http://www.c3d-unitar.org/ >

Capacity-building activities in support of greenhouse gas inventories

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Adaptation of Small-scale Agriculture Production	To increase the resilience of small scale agriculture to climate change impact by promoting climate-proofed investments for agriculture-based development, as well as by enhancing the resilience of agricultural productivity under increased climate variability	4 November 2011, Lesotho	IFAD	USD 4,113,500 (Least Developed Countries Fund)	
Fifth NWP Focal Point Forum	To identify opportunities for mutual learning and collaboration to advance adaptation actions	November 2011, Durban, South Africa	Parties, NWP partner organizations		< http://unfccc.int/4300.php >
Adaptation Knowledge Platform (AKP)	The specific purpose of the Platform is to establish a regionally and nationally owned mechanism that facilitates the integration of climate change adaptation into national and regional economic and development policies, processes and plans, strengthen linkages between adaptation and the sustainable development agenda in the region, and enhance institutional and research capacity, in collaboration with a wide range of national and regional partners	2009 to 2012 (current phase), Viet Nam, Thailand, Bhutan, Bangladesh, Cambodia, Nepal, China, Indonesia, Lao PDR, Myanmar, Malaysia, Sri Lanka, Philippines	UNEP, SEI, RRC.AP	SEK 20,000,000 (Sida, funds go directly to partners)	< http://www.asiapacificadapt.net >
Adaptation to climate impacts in water regulation and supply for the area of Chingaza-Sumapaz-Guerrero	To strengthen the hydrological buffering and regulation capacity of the upper watershed of Chingaza-Sumapaz-Guerrero that supplies drinking water to the Bogota metropolitan area and the adjoining rural municipalities	29 September 2011, Colombia	IADB, local government (Regional Environmental Agency CAR)	USD 550,000 (Special Climate Change Fund)	

Table 7
Capacity-building activities in support of implementation of adaptation measures

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
Several outreach events on Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation (SREX) in various regions	To communicate findings of the report and help decision makers to prepare more effectively for managing the risks of these events	Ongoing, various	Intergovernmental Panel on Climate Change (IPCC)	Government of Norway is contributing	
Institutional capacity building for the transition from reactive to proactive disaster risk reduction (DRR) in agriculture	Enhancing capacities for proactive DRR; and for linking DRR and climate change adaptation aspects in the field work of extension workers	Ongoing, Philippines, Togo	Food and Agriculture Organization of the United Nations (FAO), Dept of Agriculture, national agricultural universities; Philippine Atmospheric, Geophysical and Astronomical Services Administration, Togo: Ministry of Environment and Forest Resources, Ministry of Agriculture, Livestock and Fisheries, NGOs		
Capacity Building for Climate Risk Management in Eastern Europe and CIS Project	The project assists the countries of the region to improve their knowledge of costs of climate change impacts and available policy options for adaptation. Also, it enhances capacities of the United Nations Development	April 2008 to December 2013, Eastern Europe and CIS	UNDP	USD 1,353,560	

Capacity-building activities in support of implementation of adaptation measures

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
	Programme (UNDP) country offices of the region to address country adaptation needs and catalyze financial resources for adaptation activities. Finally, the project supports local level climate risk management in the region				
Communities Programme	Supports community-driven projects to pilot practices at the local level primarily in the areas of biodiversity conservation and sustainable land management, including a growing portfolio of community based climate risk management initiatives	2008 to 2013, global	UNDP with funding from GEF, GEF Small Grants Programme, United Nations Volunteers (UNV), Australian Government Overseas Aid Program (AusAID), Government of Japan, Government of Switzerland	USD 4,500,000 (USD 2,200,000 co-financing)	< www.undp-adaptation.org/project/cba >
Local solutions for the challenge of unemployment and food-insecurity based on adaptation to climate change.	This project was initiated under the CC DARE programme. Its goal was to build the capacity of local farming communities to make sustainable use of their rehabilitated natural resources and for unemployed and landless youth to develop viable businesses based on bee-keeping for honey and wax production. As a result of this project, 600 unemployed youths have been trained in climate change	September–December 2011, Ethiopia	UNEP, UNDP, Institute for Sustainable Development-Ethiopia, Ethiopian Environmental Protection Agency	USD 49,700 (Danida, MoFA)	< www.ccdare.org >

Capacity-building activities in support of implementation of adaptation measures

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
	adaptation activities; and 400 farmer training colleges strengthened for provision of services to farmers with main outcome being increased capacity and opportunities for rural communities in dealing with climate change and food security issues				
Adaptation measures to climate change through increased water and nutrient use efficiency for increased crop productivity and environmental health	This project, as part of the CC DARE programme, was designed to enhance livelihoods and food security through increased nutrient- and water-use efficiency for increased crop productivity. Through the project UNEP helped the National Agricultural Research Organization develop an efficient system for collecting, recording and analysing agro-meteorological information, such as rainfall amounts and patterns. Surveys were also conducted to capture farmers' perceptions of climate change and indigenous knowledge used to adapt to it. This enabled the organization to strengthen its knowledge about the uncertainties and risks faced by farmers and establish pilot projects to help them learn how to adapt	September–December 2011, Uganda	UNEP, UNDP, National Agricultural Research Laboratory	USD 160,500 (Danida, MoFA)	< www.ccdare.org > < http://www.unep.org/climatechange/readywillingandable/home.aspx >

Capacity-building activities in support of implementation of adaptation measures

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
Adaptation measures to climate change through increased water and nutrient use efficiency for increased crop productivity and environmental health	Introducing ecosystem-based adaptation practices for sustainable use of natural resources	September–December 2011, Mozambique	UNEP, UNDP, Ministry for the Coordination of Environmental Affairs, Centre for Sustainable Development of Coastal Zones, Ministry for the Coordination of Environmental Affairs	USD 60,200	< www.ccdare.org > < unep.org/climatechange/readywillingandable/home.aspx >
Improving smallholder livelihoods through woodlots management: adaptation to climate variability and change in Makete, United Republic of Tanzania.	Improving smallholder livelihoods through woodlots management	September–December 2011, United Republic of Tanzania	UNEP, UNDP, Sokoine University	USD 99,800	< www.ccdare.org >
Integrating climate change adaptation in agriculture and natural resource management in Malawi	Integrating climate change adaptation in agriculture and natural resource management	September–December 2011, Malawi	UNEP, UNDP, Coordination Union for the Rehabilitation of the Environment	USD 65,900	< www.ccdare.org >
Implementing NAPA priority interventions to build resilience in the most vulnerable coastal zones in Djibouti	The project aims at addressing the impacts of climate change on coastal ecosystems and communities by implementing a set of urgent measures that will strengthen the capacity to predict future changes, while helping local populations to adapt through the adoption of soft measures for	June 2010 to July 2014, Rwanda	UNEP, Government of Djibouti, Ministry of Urbanism, Habitat, Environment, and Land Use Planning (MUHEAT)	USD 2,405,000 (GEF)	< http://gefonline.org/projectDetailsSQL.cfm?projectId=3408 >

Capacity-building activities in support of implementation of adaptation measures

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
	more sustainable production methods, particularly in the areas of water management, agriculture, fisheries and tourism. The project will be implemented in two of Djibouti's most marginalized and poverty-stricken regions				
Reducing vulnerability to climate change by establishing early warning and disaster preparedness systems and support for integrated watershed management in flood-prone areas in Rwanda	In accordance with the top two priorities identified in Rwanda's NAPA, the overall objective of this project is to reduce the vulnerability of the Gishwati ecosystems and its associated Nile-Congo crest watersheds, and the people that derive their livelihoods from it, to increased floods and droughts due to climate change. The project approach is to promote and demonstrate adaptation adjustments to Integrated Watershed Management practices and, by increasing the capacity to detect climate patterns and to develop responses to them to minimize the risk of adverse impacts over the short and longer term	June 2010 to July 2014, Rwanda	UNEP	USD 6,610,000 (GEF)	< http://gefonline.org/projectDetailsSQL.cfm?projID=3838 >
Strengthening the management of natural resources and facilitating	Initiated under the CC DARE programme, and implemented in the impoverished Blantyre North area, the goal of this project was	September–December 2011, Malawi	UNEP, UNDP, Ministries of Environment and Natural Resources, Forestry Research	USD 57,200 (Danida, MoFA)	< www.ccdare.org >

Capacity-building activities in support of implementation of adaptation measures

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
conservation agriculture in the impoverished Blantyre North area as a way of enhancing communities' resilience to climate change adaptation	to enhance communities' resilience to climate change adaptation through the strengthening of natural resources management and the facilitation of agriculture conservation agriculture. Specific targets included: (i) to increase farmland under conservation agriculture in Blantyre north; (ii) to promote tree planting, sustainable management and conservation of trees and forests in Blantyre north area; (iii) To strengthen local village institutions to better manage natural resources and build resilience to climate change; (iv) to mitigate the effects of climate change through improved forest management and governance and; (v) to develop linkages to carbon markets for ecosystem services delivery		Institute of Malawi		
Effective and responsive island-level governance to secure and diversify climate resilient marine-based coastal livelihoods and enhance climate hazard response capacity	To strengthen resilience of island communities to climate change variability and risks through participatory island-level planning, budgeting and execution and community-led investments	23 November 2011, Tuvalu	UNDP, Ministry of Home Affairs and Rural Development	USD 2,000,000 (Least Developed Countries Fund)	

Capacity-building activities in support of implementation of adaptation measures

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
Integrating community-based adaptation into afforestation and reforestation programmes in Bangladesh	To reduce vulnerability of communities to the adverse impacts of climate change through participative design, community-based management and diversification of afforestation and reforestation programmes	23 December 2011, Bangladesh	UNDP, Ministry of Environment of Forest, through the “Poverty Reduction through Social Afforestation” programme	USD 640,000 (Least Developed Countries Fund)	
Climate resilient coastal protection and management	To strengthen the resilience of coastal ecosystems and communities to the adverse impacts of climate change by creating conducive institutional policy and practice frameworks for mainstreaming climate change considerations into coastal protection and shoreline management	19 September 2011, India	Asian Development Bank (ADB), local government (State of Maharashtra, State of Karnataka)	USD 498,182 (Special Climate Change Fund)	
Climate change adaptation to reduce land degradation in fragile micro-watersheds located in the municipalities of Texistepeque and Candelaria de la Frontera	To mainstream climate change adaptation and disaster risk reduction into fragile micro-watershed management plans	29 September 2011, El Salvador	FAO, Ministry of Agriculture and Livestock	USD 200,000 (Multi Trust Funds)	
Climate resilience through conservation agriculture	To enhance the adaptive capacity of rural farmers through sustainable agricultural approaches	21 September 2011, Republic of Moldova	IFAD	USD 900,000 (Special Climate Change Fund)	

Capacity-building activities in support of implementation of adaptation measures

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
Adapting Agriculture Production in Togo (ADAPT)	To lessen the impact of climate change on vulnerable rural groups, as well as on natural resources critical for sustaining agricultural production and increase food security	6 September 2011, Togo	IFAD, government of Togo	USD 680,546 (Least Developed Countries Fund)	
Competitiveness and Sustainable Rural Development Project in the Northern Zone (Northern Horizons-GEF)	To increase the climate resilience of agricultural productive chains in three departments of Northern Honduras, protecting smallholder farmers and its productions from the impacts of climate variability	29 September 2011, Honduras	IFAD, government of Honduras	USD 750,000 (Special Climate Change Fund)	
Strengthening farmers communities livelihoods resilience against climate changes in the Guinean prefectures of Gaoual, Koundara and Mali	To strengthen adaptive capacities of vulnerable populations in the prefectures of Gaoual, Koundara and Mali (GKM) to the additional risks posed by the increased intensity and frequency of drought	7 December 2011, Guinea	UNDP, Government of Guinea	USD 3,531,364 (Least Developed Countries Fund)	
MENA- Desert Ecosystems and Livelihoods Program (MENA-DELP)	To contribute to the enhancement of livelihoods in desert ecosystems by harnessing their value in an environmentally and socially sustainable manner, so that the flow of desert goods and services can be optimized	28 October 2011, regional	World Bank, Ministry of Land Planning and Environment (Algeria), Egyptian Environmental Affairs Agency (Egypt), Badia Restoration Program (Ministry of Environment) (Jordan), Ministry of Agriculture and Maritime Fisheries	USD 4,862,736 (Multi Trust Funds)	

Capacity-building activities in support of implementation of adaptation measures

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
			(Morocco), Ministry of Land Planning and Environment (Algeria)		
Shire Natural Ecosystems Management Project	To develop a strategic planning and development framework for the Shire River Basin and support targeted investments to improve land and water resources management, and associated ecological services and livelihoods in the Basin	20 September 2011, Malawi	World Bank, Government of Malawi, local communities	USD 382,000 (Multi Trust Funds)	
Strengthening the resilience of small scale rural infrastructure and local government systems to climatic variability and risk	To design and implement small scale rural infrastructure through participatory approaches and strengthen local governance systems, reflecting the needs of communities vulnerable to increasing climate risks	15 November 2011, Timor Leste	UNDP, Ministry of Economy and Development, local government	USD 880,000 (Least Developed Countries Fund)	
Enhancing the resilience of tourism-reliant communities to climate change risks	To increase the resilience of the tourism sector of Samoa through mainstreaming climate risks into tourism-related policy processes and adaptation actions in coastal communities and tourism operators	2 December 2011, Samoa	UNDP, Government of Samoa, targeted communities	USD 1,415,000 (Least Developed Countries Fund)	
Building adaptive capacity to catalyze active public and private sector participation to manage the exposure	To enhance adaptive capacity of decision-makers in the public and private sector involved in water provision to plan for and respond to climate change risks on water resources	20 December 2011, Sierra Leone	UNDP, Sierra Leone Environmental Protection Agency (SLEPA), local councils	USD 800,000 (Least Developed Countries Fund)	

Capacity-building activities in support of implementation of adaptation measures

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and sensitivity of water supply services to climate change in Sierra Leone					
Greater Mekong Subregion Forests and Biodiversity Program	To increase investments and improve the management and climate resilience of high priority forest biodiversity conservation landscapes including protected area systems of the Greater Mekong Subregion recognizing the pressures on these landscapes from development and climate change	7 October 2011, regional, Asia	ADB/World Bank, Government of Thailand, Government of Lao PDR, Government of Cambodia, Government of Viet Nam	USD 2,246,932 (Multi Trust Funds)	

Table 8
Capacity-building activities in support of assessment for implementation of mitigation options

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
Various training workshops around the Ex-Act Tool (for ex-ante assessment of carbon balance of projects and policies)	To increase the integration of climate change mitigation into agricultural policies	October–December 2011, Rome (FAO), October and November Kenya and United Republic of Tanzania, October Uruguay, October Chile, November France, November	Food and Agriculture Organization of the United Nations (FAO)		< http://www.fao.org/tc/exact/events/en/ >

Capacity-building activities in support of assessment for implementation of mitigation options

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
		Sweden, December Ongoing, Niger, Tunisia, Turkey			
Global Environment Facility (GEF) Small Grants Programme (SGP) mitigation portfolio	Since July 2011, SGP conducted regional workshops for its National Coordinators, where special guidance was given on climate change targets, priorities and best practices. The workshops also allowed the National Coordinators to share knowledge on the lessons learned and best practices from their portfolios, including climate change	Ongoing, global	GEF Small Grants Programme, United Nations Development Programme (UNDP)	Since July 2011 SGP approved 70 new grants on climate change mitigation for a total amount of USD 2,265,038	< http://sgp.undp.org/ >
Energy Research Center University of Cape Town (ERC-UCT) institutional strengthening and capacity development	To build knowledge and capacity of young South Africans to pursue careers in the field of climate change through internship and bursary programmes. As well as increase knowledge and capacity of stakeholders from developing countries to analyze and develop mitigation options using the Mitigation Toolkit	September 2011 to December 2012, South Africa	United Nations Institute for Training and Research (UNITAR), ERC-UCT		< http://www.c3d-unitar.org/ >
The UN Collaborative Programme on Reducing Emissions from Deforestation and Forest Degradation (UN-REDD)	UN-REDD is a USD 118.2 million programme that supports the capacity of national governments to prepare and implement national REDD strategies with the active involvement of all stakeholders, including indigenous peoples and	Ongoing, global	UNDP, United Nations Environment Programme (UNEP), FAO	USD 42,000,000 (UNDP)	< www.un-redd.net/ >

Capacity-building activities in support of assessment for implementation of mitigation options

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
	other forest-dependent communities. Guided by principles of country ownership and leadership, the Programme provides technical advice on ways to address deforestation and forest degradation, methods and tools for measuring and monitoring greenhouse gas emissions and forest carbon flows. It promotes REDD financing as an opportunity to develop low-carbon growth and helps countries access financial and technical support				
EU-UNDP Low Emission Capacity Building Programme: A global initiative to support NAMA, LEDS, and measuring, reporting, and verification (MRV)	The programme objective is to build public and private sector capacity on LEDS, MRV, and NAMA, including the identification of mitigation actions in the private sector. Twenty-five countries are currently participating in this programme	Ongoing, global	EC, BMU, Government of Australia	USD 28,500,000	< http://www.lowemissiondevelopment.org/ >
Elaboration of preliminary national environmental and social standards for REDD+ in Democratic Republic of the Congo (DRC)	As part of the larger UN-REDD programme, the project aims at developing preliminary social and environmental standards for REDD+ activities in DRC. REDD+ safeguards are needed to identify the opportunities arising from protecting and conserving forests, like the creation of jobs in	January 2011 to June 2012, Democratic Republic of the Congo	UNEP, UNEP World Conservation Monitoring Centre (UNEP-WCMC), UNDP, Réseau Ressources Naturelles (RRN), Coordination Nationale, REDD, Ministry of the	USD 31,400 (Related work to test the standards in pilot projects in three Districts in DRC)	< http://www.unredd.org/ > http://www.unep.org/climatechange/readyyoungandable/home.aspx >

Capacity-building activities in support of assessment for implementation of mitigation options

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
	the forest sector through ecotourism or the direction of financial resources to low carbon options, and to manage risks such as loss of rights to customary lands, natural forests and access of forest dependent communities to forest resources. The project provides support to develop a rigorous and participatory methodology to develop a draft set of standards based on current frameworks with expertise, with information collected by testing of the standards within REDD+ pilot projects, and with researchers working on indicators and data needs at the local level		Environment, Nature Conservation and Tourism, DRC		
en.lighten initiative (Global Market Transformation for Efficient Lighting)	The en.lighten initiative has been established to accelerate global market transformation to environmentally sustainable lighting technologies by developing a coordinated global strategy and providing technical support for the phase-out of inefficient lighting. The project works in close partnership with highly qualified experts specialized in energy efficiency and lighting, including manufacturers of energy- efficient	2009 to 2013, Uruguay, Paraguay, Guatemala, El Salvador, Honduras, Costa Rica, Panama, Nicaragua, Belize, Bolivia, Chile, Algeria, Morocco, Tunisia, Egypt, Sudan, Iraq, Yemen, Jordan, Lebanon, Palestine, UAE, Philippines, Tonga, Dominican Republic	UNEP, GEF, Philips Lighting, OSRAM and The National Lighting Test Centre	USD 20,000,000 (GEF Trust Fund, UNEP, OSRAM, Philips, NLTC)	< http://www.enlighten-initiative.org/portal/Home/tabid/56373/Default.aspx >

Capacity-building activities in support of assessment for implementation of mitigation options

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
	lamps, to provide a global “open space” for exchange of information among all stakeholders and support the implementation of specific market transformation country programs. Countries will work in the development of efficient lighting transition strategies that meet the 2016 global phase-out target				
African regional workshop to share best practices and lessons learned in establishing national institutions to facilitate implementation of nationally appropriate mitigation actions (NAMAs)	To facilitate sharing of experiences, lessons learned and best practices, among African countries, in setting up of national institutions for coordination, identification, development and implementation of NAMAs. Draw upon experiences of multi-lateral and bilateral agencies and other organizations in providing support for the preparation and implementation of mitigation actions in developing countries, particularly in Africa, including facilitating implementation of sector specific mitigation actions. Assess what steps, including support, are required to assist countries in piloting the implementation of NAMAs	3–4 November 2011, Nairobi, Kenya	Organized by UNFCCC and UNEP; 36 African country Parties; other participants: Mexico, Japan and bilateral and multilateral donors namely, AFDB, UNEP Risoe, United Nations Economic Commission for Africa’s ACPC (African Climate Policy Centre) and Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)		< http://www.transport2012.org/transport-climate-change-news/2011-11-15,nama-workshop-nairobi.htm >

Capacity-building activities in support of assessment for implementation of mitigation options

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
UN-REDD Programme providing national capacity building support to target countries	The objective of this project is to analyze processes, policies, institutions and strategies required at the national level to benefit from a future international regime for REDD+ as a cost effective and significant climate mitigation option	January 2009 to November 2012, Cambodia, Democratic Republic of the Congo, Ecuador, Indonesia, Panama, Paraguay, Nigeria, United Republic of Tanzania, Viet Nam, Zambia	FAO, UNDP and UNEP, as well as coordinating ministries and institutions in the countries mentioned	USD 118,000,000 (from Norway and other donors)	< http://www.un-redd.org/ >
Hebei Energy Efficiency Improvement and Emission Reduction Project	Reduce GHG emissions through building capacity of Energy Service Companies, banks, and measurement and verification agents to mobilize financing for energy efficiency and emission reduction projects	15 September 2011, China	ADB, Hebei Provincial Government	USD 1,500,000 (GEF Trust Fund)	
Strengthening management effectiveness and generating multiple environmental benefits within and around protected areas in Zambia	To ensure that the biodiversity and carbon sinks of Zambia – particularly critical forest landscapes in selected protected areas (including core national parks and buffer game management areas) – are better protected from threats through improved management effectiveness at the institutional level; sustainable forestry	22 September 2011, Zambia	UNDP, Ministry of Tourism, Environment and Natural Resources, Zambia Wildlife Authority, Forestry Department, Ministry of Energy and Water Development	USD 6,339,687 (GEF Trust Fund)	

Capacity-building activities in support of assessment for implementation of mitigation options

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
	management practices and integrated land use planning at the local level; and application of appropriate low-carbon, biomass-energy technologies				
Promotion of the use of agrofuels from the production and use of Jatropha oil in Mali	Develop and promote a sustainable model for the production and use of Jatropha oil at the national level	1 November 2011 to 31 October 2015, Mali	UNDP, Ministry of Energy, Ministry of Agriculture	USD 1,712,200 (GEF Trust Fund)	
Lighting One Million Lives in Liberia	To support the development of sustainable energy supplies and services in Liberia	15 September 2011	World Bank, Rural and Renewable Energy Agency of Liberia	USD 200,000 (GEF Trust Fund)	
Regional workshop on forests, rangelands and climate change in the Near East region	A two-and-a-half day workshop was held with a focus on prioritizing issues and exploring regional cooperation related to climate change, forests and rangelands for the Near East region is being organized by FAO, the FAO Finland Partnership Programme and the GIZ Regional project	20–22 September 2011, Egypt	FAO, the FAO Finland Partnership Programme and the GIZ Regional project		< http://neareast.fao.org/Pages/Events.aspx?I=0&DId=0&CIId=0&lang=EN&CMSId=52&id=844 >
Global Fuel Economy Initiative	The project aims to support countries globally to develop policies aimed at increasing the efficiency of their car fleet - with an overall goal of doubling the global vehicle fleet economy from 8l/100km today to 4l/100 km by 2050. The project's core activities	Ongoing, Indonesia, Kenya, Chile and Ethiopia	UNEP, IEA, International Transport Forum/OECD and FIA Foundation	USD 3,000,000 (GEF)	< http://www.globalfueleconomy.org/Pages/Homepage.aspx >

Capacity-building activities in support of assessment for implementation of mitigation options

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
	include: (i) data development and analysis of fuel economy potentials by country and region; (ii) support for national and regional policy-making efforts; (iii) outreach and awareness raising to stakeholders (e.g. vehicle manufacturers)				
Share the Road Initiative	The project aims to support countries/cities develop policies that integrate non-motorised facilities as part of road investments. In countries of implementation, the project aims to: (i) encourage development of government policy that promotes the balanced distribution of investments across a variety of transport modes, private motor vehicles, public transport, and walking and cycling, (ii) promote development of action plans with goals and timelines for improving investment in walking and cycling road infrastructure, to be well-integrated with public transport developments and; (iii) support demonstration projects serving as examples of shared, sustainable roads, which result in a variety of benefits in environment, safety and overall mobility	Ongoing, Kenya, Uganda, Rwanda, Burundi	UNEP	USD 200,000 (FIA Foundation and Government of the Netherlands)	http://www.uneep.org/transport/sharetheroad/

Capacity-building activities in support of assessment for implementation of mitigation options

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
Facilitating Implementation and Readiness for Mitigation (FIRM)	Helping countries to strengthen their low carbon development strategies and develop Nationally Appropriate Mitigation Actions. Building on the TNA process, UNEP is helping 6 countries to (i) develop a national low carbon development framework and identify NAMA priorities, and (ii) eliminate general and specific non-financial barriers at country level for the implementation of country identified pilot NAMAs	August 2011 to December 2013, Costa Rica, Ethiopia, Ghana, Indonesia, Morocco, Senegal, Viet Nam, Mexico and South Africa	UNEP Risoe Centre, ministries of environment and natural resources, energy, planning, technologies, research centers, regional centers	USD 7,500,000	
CIFAL Jeju: Low-Carbon City: Green Growth for Local Governments in the Asia-Pacific Region	To increase knowledge and awareness on green growth strategy and low-carbon urban developments in the region. To identify key challenges and recognize best practices and lessons learned to implement green growth strategy and policy measures towards the low-carbon city at the local level. To have specific action plans for local implementation and follow-up of lessons learned	12–14 October and 9–11 November 2011, Republic of Korea	UNITAR, CIFAL Jeju		< www.cifaljeju.org >
CIFAL Kuala Lumpur: Solid Waste Management in Asian Cities - Managing GHG Emissions	To exchange good practices, lessons learned, and green solid waste management service models, technologies, for improved urban waste	17–19 October 2011, Malaysia	UNITAR, CIFAL Kuala Lumpur		< http://www.unitar.org >

Capacity-building activities in support of assessment for implementation of mitigation options

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
	management in the Asia-Pacific region. To develop partnerships between cities, private sector, governments and other actors for greener solid waste management service models in municipalities across the region				
Supporting countries to increase benefits and reduce risks from REDD+	REDD+ can deliver multiple benefits, including climate change mitigation, social and ecosystem-based benefits. There are also social and environmental risks. For example, REDD+ could conserve forest areas that host important biodiversity. But if forest conservation measures limit local access to important forest resources, there is a social risk. Understanding these potential risks and benefits is of major importance to plan for successful implementation of REDD+. UNEP through its World Conservation Monitoring Centre (UNEP-WCMC) provides training and support to countries to increase understanding of these issues, develop appropriate tools and guidance, and integrate multiple benefits considerations into national REDD+ planning.. In the latter half of 2011, this work has	2010 to 2012, Ecuador, Paraguay, DRC, Indonesia	UNEP Department of Environmental Policy Implementation (UNEP DEPI), UNEP-WCMC, UNEP-ROLAC, Ecuador: Ministry of the Environment of Ecuador, Paraguay: Ministry of Environment, Paraguay, National Forestry Institute, Coordination for Indigenous Peoples' Self- Determination, DRC: Ministry of the Environment, Nature Conservation and Tourism, Satellite Observatory of Central African Forests Indonesia: Ministry of Forestry, Directorate General Forest	Period 1 Sept to 30 Nov 2011 : USD 119,069 / USD 615,069 (UN-REDD Global Programme funds, all funds on multiple benefits)	http://www.un-redd.org/Multiple_Benefits/tabid/1016/Default.aspx http://www.unep.org/climatechange/readywillingandable/home.aspx

Capacity-building activities in support of assessment for implementation of mitigation options

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
	all been on behalf of the UN-REDD Programme		Planning, Central Sulawesi Office of Forest Planning (BPKH), Central Sulawesi Forest Service, Tadulako University		
Fifth operational phase of the GEF Small Grants Program in Brazil	Conservation of the Cerrado and Caatinga biomes of Brazil through community initiatives on sustainable resource use, and actions that maintain or enhance carbon stocks and increase areas under sustainable land management	15 September 2011, Brazil	UNDP	USD 285,000 (GEF Trust Fund)	

Table 9
Capacity-building activities in support of research and systematic observation

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
Joint Task Force to investigate the potential of using submarine telecommunications cables for ocean and climate monitoring and disaster warning	Develop a strategy and roadmap that could lead to enabling the availability of submarine repeaters equipped with scientific sensors for climate monitoring and disaster risk reduction	8–9 September 2011, Geneva, Switzerland	International Telecommunication Union (ITU), World Meteorological Organization (WMO), United Nations Educational, Scientific and Cultural		< http://www.itu.int/ITU-T/climatechange/gsw/201102/programme.html >

Capacity-building activities in support of research and systematic observation

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
			Organization (UNESCO), International Oceanographic Commission (IOC)		
UNFCCC side event: Updates from climate change science - special focus: Africa	Provide latest findings and information from climate change research activities in Africa by scientists and experts involved in international and regional climate change research, especially from Africa	2 December 2011, Durban, South Africa	Met Office Hadley Centre; University of the Witwatersrand, Johannesburg, South Africa IGBP; START's African Climate Change Fellowship Program (ACCFP)		< http://unfccc.int/3461.php >
UNFCCC side event: Funding for climate observations	Illustrate requirements for meeting climate observation needs and outline current funding approaches of climate observations in developing countries, including in the context of the Global Environment Facility (GEF), the GCOS and others. Share examples and lessons learned from ongoing observation-related projects and activities. Discuss existing needs and options to further strengthen the funding for climate observations in developing countries	1 December 2011, Durban, South Africa	Global Climate Observing System (GCOS), GEF, UNDP		<FCCC/SBI/2011/INF.10> < http://unfccc.int/3462.php >

Table 10

Capacity-building activities in support of development and transfer of technology

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
Support countries in conducting technology needs assessments (TNA)	To identify and prioritize through country-driven participatory processes, technologies that can contribute to mitigation and adaptation goals of the participant countries, while meeting their national sustainable development goals and priorities. To identify barriers hindering the acquisition, deployment, and diffusion of prioritized technologies. To develop Technology Action Plans (TAP) specifying activities and enabling frameworks to overcome the barriers and facilitate the transfer, adoption, and diffusion of selected technologies in the participant countries	Ongoing, 36 countries in Africa, Asia and Eastern Europe and Latin America and the Caribbean	Global Environment Facility (GEF), United Nations Development Programme (UNDP), United Nations Environment Programme (UNEP), Risoe Centre, UNFCCC		< http://tech-action.org >
Solar Chill development, testing and technology transfer outreach	To commercialize and transfer the Solar Chill vaccine refrigerator (Solar Chill A) and to begin the process of commercializing and transferring the Solar Chill household and light commercial refrigerator (Solar Chill B)	23 September 2011, global	UNEP	USD 880,000 (GEF Trust Fund)	
Addressing barriers to the adoption of improved charcoal production technologies and sustainable land management practices	To secure multiple environmental benefits by addressing the twin challenges of unsustainable utilisation of biomass for charcoal and poor land management practices common in Uganda's woodlands via	23 September 2011, Uganda	UNDP Uganda, Ministry of Energy and Mineral Development, National Agricultural Research Organisation, Uganda National	USD 2,301,200 (GEF Trust Fund)	

Capacity-building activities in support of development and transfer of technology

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
through an integrated approach	technology transfer and fuel switch; improved data collection and carbon monitoring; and promotion of sustainable land management and sustainable forest management practices		Council of Science and Technology		
Updating and maintenance of the technology transfer information clearinghouse (TT:CLEAR)	The secretariat developed the technology transfer information clearing house with a view to improve the flow of, access to and quality of information relating to the development and transfer of environmentally sound technologies under Article 4.5 of the Convention and to contribute to a more efficient use of available resources by achieving synergy with other ongoing efforts	Ongoing, global	UNFCCC		< http://unfccc.int/ttclear/jsp/index.jsp >
First meeting of the Technology Executive Committee (TEC)	Some of the functions of the TEC are to: (a) Provide an overview of technological needs and analysis of policy and technical issues related to the development and transfer of technologies for mitigation and adaptation; (b) Consider and recommend actions to promote technology development and transfer, in order to accelerate action on mitigation and adaptation; (c) Recommend guidance on policies and programme priorities related to technology development and	1–3 September 2011, global	UNFCCC		< http://unfccc.int/ttclear/jsp/TECMeeting.jsp >

Capacity-building activities in support of development and transfer of technology

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
	transfer with special consideration given to the least developed country Parties				
Regional Gateway for Technology Transfer and Climate Change Action	Helping to coordinate Latin American countries' adaptation and mitigation efforts, and where necessary, offering additional capacity building activities and advisory services support. Some of the project objectives are to: (i) strengthen the mobilization and sharing of knowledge on climate change issues related to the entire technology cycle from technology development, to technology transfer and deployment for both climate change adaptation and mitigation throughout the region by building associated capacity of key regional, sub-regional and national institutions; (ii) build climate resilience of vulnerable human and ecological systems in the region through integrating adaptation options into national planning processes and building associated capacity of key regional and national institutions	2011 to 2013, Antigua & Barbuda, Argentina, Bahamas, Barbados, Belize, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, Grenada, Guatemala, Guyana, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, Uruguay, Venezuela	UNEP, ministries of environment	USD 7,200,000 (Spain, Norway)	< https://sites.google.com/a/unep-rolac.org/regatta-beta/ >
Promoting low-carbon transport in India	The project has two main objectives and components: creating an enabling policy environment at a national level for building a	2010 to 2013, India	UNEP, UNEP Risoe Centre, Indian Institute of Management, Ahmedabad; Indian	USD 2,700,000 (from German government)	< www.unep.org/transport/lowcarbon >

Capacity-building activities in support of development and transfer of technology

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
	sustainable transport system, and increasing cities' capacity to improve mobility while lowering carbon dioxide (CO ₂) emissions. These goals are being achieved through two key interventions: the development of a national action plan for low-carbon transport and the design of low-carbon mobility plans for up to four cities across India		Institute of Technology, Delhi and Center for Environmental Planning and Technology (CEPT) University		
Prosol Industrial	Accelerating the penetration of solar water heating in Tunisia's industrial sector. Under the Mediterranean Investment Facility (MIF), designed to boost the development and testing of different options to increase available financing for renewable energy and energy efficiency systems, the Prosol Industrial project aims to design an effective financing mechanism that will overcome investment barriers for the diffusion of solar thermal technologies in the industrial sector	2010 to 2014, Tunisia	UNEP, Italian Ministry of Environment Land and Sea (IMELS), National Agency for Energy Conservation (ANME)	USD 670,000 (IMELS)	< http://www.climatefinanceoptions.org/cfo/node/34 >
Prosol Elec	The Prosol Elec project aims at installing a total capacity of 1,500 kW allowing 1000 households to get their electricity from the sun. Prosol Elec differs from other support programs by targeting an important policy change, setting a regulatory	2010 to 2014, Tunisia	UNEP, IMELS, ANME	USD 1,200,000	< http://www.climatefinanceoptions.org/cfo/node/34 >

Capacity-building activities in support of development and transfer of technology

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
	and incentive framework that authorize residential, industrial, agricultural and tertiary sectors to generate electricity for their own use from the photovoltaic while enjoying the right to sell surplus of electrical energy produced to the electricity state utility, and set up a 30% capital cost subsidy				
Egysol	The Egysol project is encouraging the hotel sector to install solar water heating (SWH) systems through a combination of subsidies (25% capital cost subsidy and maintenance program for the SWH installations over five years)	2010 to 2014, Egypt	UNEP, IMELS, National Renewable Energy Authority (NREA)	USD 600,000 (IMELS)	< http://www.nrea.gov.eg/english1.html >
Montesol	The Montesol project for residential sector is allowing local banks to finance SWH end-users through preferential terms such as direct subsidies and low-interest loans and thus activate the SWH market. These incentives will permit end-users to spread the cost of equipment over up to seven years	2011 to 2014, Montenegro	UNEP, IMELS, Montenegrin Ministry of Economy	USD 17,000 (IMELS)	< http://www.climatefinanceoptions.org/cfo/node/282/ >

Capacity-building activities in support of development and transfer of technology

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
Solar water heating market transformation and strengthening initiative	The goal of the project is to accelerate global commercialization and market transformation of solar water heating, thereby reducing the current use of electricity and fossil fuels for hot water preparation. The concrete targets of the project are: (i) installation of an additional 3 million square meters of SWH panels, (ii) sustainable growth of solar water heating markets at the minimum annual rate of 20%, and a cumulative, and (iii) direct GHG reduction of 14.9 million tons of CO ₂ over 15 years	January 2009 to August 2013, global project supporting 6 countries in the first phase, with more to follow in next phase. Supported countries: Albania, Algeria, Chile, India, Lebanon, and Mexico	UNEP	USD 200,000,000 (GEF)	< http://www.gefonline.org/projectDetailsSQL.cfm?projID=2939 >
Prosol Tertiary	The Prosol Tertiary project provides an opportunity for private institutions belonging to the tertiary sector (hotels, clinics, sports centers, etc.) to benefit from a range of incentives to access solar water heating	2008 to 2014, Tunisia	UNEP, IMELS, ANME	USD 1,030,000 (IMELS)	< http://www.climatefinanceoptions.org/cfo/node/34 >
Prosol Residential	The Prosol Residential project aims at accelerating the penetration of solar water heating in Tunisia by targeting domestic financial institutions. Through a temporary interest rate subsidy (phased out 18 months after inception), Prosol significantly lowered financing cost for installation by end-users. Loans contracted through local financial	Ongoing, Tunisia	IMELS, ANME, Tunisian electricity state utility (STEG)	USD 2,500,000 (IMELS), USD 73,000,000 (local banks)	< http://www.climatefinanceoptions.org/cfo/node/34 >

Capacity-building activities in support of development and transfer of technology

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
	institutions could be repaid through utility bills				
Sustainable Agriculture and Climate Change Mitigation Project	Promote the use of renewable energy for the provision of rural energy services and improve flows of agroecosystem services to sustain livelihoods of local communities in Uzbekistan	15 September 2011, Uzbekistan	World Bank, Ministry of Agriculture	USD 2,699,000 (GEF Trust Fund)	
Technology Needs Assessments (TNAs)	Through its TNA project, UNEP is helping 36 countries, first, to undertake their TNA, identifying the most urgent and impactful technologies they need for adaptation and mitigation and analyzing the actual market and trade barriers that hinder their transfer, and second to carry out an assessment of their policy, institutional and finance options to overcome these barriers, and come out with needed actions in their countries, also referred as a National Technology Action Plan (TAP). Capacity of participating country agencies is being built through a succession of training workshops, the preparation and dissemination of guidebooks, as well as technical assistance/training visits by project staff to the countries	2009 to 2013, Côte d'Ivoire, Ethiopia, Kenya, Ghana, Mali, Morocco, Mauritius, Rwanda, Senegal, Sudan, Zambia, Azerbaijan, Bangladesh, Bhutan, Cambodia, Georgia, Indonesia, Kazakhstan, Laos, Lebanon, Republic of Moldova, Mongolia, Nepal, Sri Lanka, Thailand, Viet Nam, Argentina, Bolivia, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Peru	UNEP, UNIDO, UNDP, DGEF, UNFCCC, World Bank, ministries of environment and natural resources, energy, planning, technologies, research centers, regional centers	USD 11,000,000 (GEF Trust Fund and TMA-Norway)	< http://uneprisoe.org/TNA/index.htm www.tech-action.org ; www.climatetechwiki.org > < http://www.unep.org/climatechange/readywillingandable/home.aspx >

Capacity-building activities in support of development and transfer of technology

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
African Rural Energy Enterprise Development (AREED)	The AREED II programme is a follow-up of the AREED I programme (2000-2007). It operates in Africa to develop new sustainable energy enterprises that use clean, efficient, and renewable energy technologies. AREED II delivers enterprise development services coupled with early-stage financial cost-sharing to help rural energy initiatives, and supports enterprises in leveraging additional financing from local banks and microfinance institutions for rural people to access modern energy equipment and services. It also helps local and national government agencies develop policies that enable social enterprises to provide energy services in rural areas	2007 to 2012, Ghana, Mali, Senegal, United Republic of Tanzania, Zambia	UNEP, Enda Energy, Senegal; Kumasi Institute of Technology and Environment (KITE), Ghana; Mali-Folkecenter (MFC), Mali, Centre for Energy, Environment & Engineering Zambia Ltd, Zambia; United Republic of Tanzania Traditional Energy Development and Environment Organization, United Republic of Tanzania and Swedish International Development Cooperation Agency (Sida)	USD 2,400,000 (Sida)	< http://www.ared.org/ >
Capacity-building in development of policy framework for promotion of low-carbon emission societies in Central Asia	The overall objective is to strengthen the institutional capacities of relevant stakeholders in Central Asia for addressing barriers to, and facilitating the diffusion of cleaner energy technologies, through a) stronger national institutions and improved national level networking, and higher levels of awareness on climate change; b) reduction in	2009 to 2013, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan	UNEP, Inter-State Sustainable Development Commission, and Regional Resource Center - Asia and the Pacific	USD 400,000 for Phase I (Government of Korea) and USD 840,000 for Phase II (Government of Korea)	

Capacity-building activities in support of development and transfer of technology

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
	barriers for the uptake of cleaner energy technologies and services; c) development of markets for energy efficient technologies				

Table 11
Capacity-building activities in support of improved decision-making

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
Strategic initiative to address climate change in least developed countries (LDCs), 'Boots on the Ground'	Provides technical and policy support to 26 countries, including 23 LDCs, across three key areas: 1) assistance to the international climate negotiations; 2) capacity building to access and implement climate finance; and 3) effectively integrating climate change into a country's national plans, policies and strategies to ensure development is both low-emission and climate resilient	January 2010 to December 2013, global	United Nations Development Programme (UNDP)	USD 2,500,000 (for 2011)	< http://www.beta.undp.org/content/undp/en/home/librarypage/environment-energy/climate_change/capacity_development/flyer_for_boots_onthegroundstrategicinitiative.html >
Support for efficient participation in climate change negotiations	Support to 20 countries in Eastern Europe and Commonwealth of Independent States (CIS) region to participate more efficiently in international climate change negotiations by developing publications on the current state of climate change negotiations,	2011, Eastern Europe and CIS	UNDP		< www.europeandcis.undp.org/environment/LED >

Capacity-building activities in support of improved decision-making

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
	negotiation guidelines in different languages, trainings and providing technical advice and expertise				
UNDP's capacity development for policy makers to address climate change	Supports 19 countries to increase national capacity to co-ordinate ministerial and stakeholder views on climate change, leading to enhanced participation in the UNFCCC process. In 15 countries, assessments of the investment and financial flows required to address climate change in key sectors have been undertaken. This process lends support for long-term climate change planning and priority setting within an inter-ministerial setting and provides a better understanding of the magnitude and intensity of national efforts needed to tackle climate change	May 2008 to June 2012, global	UNDP	USD 6,000,000	< www.undpcc.org >
Negotiating climate change finance	To facilitate international negotiations, public sector work, and diplomatic engagement in relation to financing climate change through multilateral negotiation and collaboration	24 October–18 November 2011, online, global	United Nations Institute for Training and Research (UNITAR)		< http://www.unitar.org/ >

Capacity-building activities in support of improved decision-making

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
Training workshop on climate change diplomacy in Malawi	To prepare representatives from Malawi to effectively participate and engage in the United Nations Climate Change Conference, Durban, December 2011	15–17 November 2011, Malawi	UNITAR		< http://www.unitar.org/ >
Workshop on climate change diplomacy	To help diplomats to enhance their performance as conference delegates at climate change negotiations	16–18 November 2011, South Africa	UNITAR		< http://www.unitar.org/ >
Workshop on multilateral conference diplomacy and green diplomacy	To allow officials from the Ministry of Foreign Affairs of Myanmar to consolidate skills and tools in multilateral diplomacy and negotiation, with a particular focus on climate change negotiations and green diplomacy	5–9 September 2011, Thailand	UNITAR		< http://www.unitar.org/ >
Climate change diplomacy e-learning course	To facilitate international negotiations, public sector work, and diplomatic engagement in relation to climate change through an enhanced understanding of its science, international policy framework, and the key negotiation issues pertinent to a post-2012 agreement	12 September–5 November 2011, online, global	UNITAR		< http://www.unitar.org/ >
Workshop on environmental negotiations and climate change diplomacy	To equip delegates with the skills and knowledge to perform efficiently in negotiations related to environmental sustainability and climate change	20–21 October 2011, United States	UNITAR		< http://www.unitar.org/ >

Capacity-building activities in support of improved decision-making

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
Workshop on climate change diplomacy	To train staff of the United Arab Emirates Government on skills and tools in multilateral diplomacy and negotiations, with a particular focus on climate change	23–27 October 2011, United Arab Emirates	UNITAR		< http://www.unitar.org/ >
Southeast Asia Knowledge Network of Climate Change Offices (SEAN-CC).	SEAN-CC aims at strengthening the capacities of the Southeast Asian Climate Change offices to (i) contribute to the UNFCCC negotiations and discuss high profile topics, and (ii) support their country's integrated responses to climate change challenges with an emphasis on priority sectors of their choice	January 2009 to December 2013, Viet Nam, Thailand, Cambodia, Indonesia, Lao PDR, Myanmar, Malaysia, Philippines, Brunei, Singapore	United Nations Environment Programme (UNEP), national climate change offices, other government actors/ministries involved in climate change issues, ASEAN secretariat and related bodies, International Institute for Energy Conservation (IIEC), ICA	USD 6,000,000 (MoFA Finland)	< http://www.unep.org/climatechange/mitigation/sean-cc/ >
Munasinghe Institute for Sustainable Development (MIND) institutional strengthening and capacity development	To build capacity of Sri Lankan stakeholders in government, civil society and business to mainstream climate change adaptation and mitigation responses into sustainable development strategy	September 2011 to December 2012, Sri Lanka	UNITAR, MIND		< http://www.c3d-unitar.org/ >

Table 12
Capacity-building activities in support of the clean development mechanism (CDM)

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
Stakeholder consultation workshop on standardized baseline under the CDM	This workshop was organized as response to a CMP 6 mandate to the Executive Board (EB) of the CDM. This capacity development workshop aimed to enhance the understanding of standardized baselines by the participants with the view to facilitate the access of under-represented regions and sectors to the CDM	4–5 September 2011, Kathmandu, Nepal	UNFCCC	All the funding was provided by UNFCCC	
First regional meeting of the CDM Designated National Authority (DNA) Forum meeting for Asia and the Pacific	The purpose was to organise the First Regional meeting of the CDM DNA Forum meeting for Asia and the Pacific in order to carry out the capacity development of the DNAs from Asia and the Pacific	5–6 September 2011, Kathmandu, Nepal	UNFCCC	All the funding was provided by UNFCCC	
Workshop on enhancing the regional distribution of CDM projects in Asia and the Pacific	The purpose of the workshop was to carry out the capacity development in order to enhance the Regional Distribution of CDM Projects in Asia and the Pacific	6–7 September 2011, Kathmandu, Nepal	UNFCCC, Asian Development Bank (ADB) and IGES	UNFCCC was a funding and a resource partner	

Capacity-building activities in support of the clean development mechanism (CDM)

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
Support to DNA establishment and operationalization	In Bosnia and Herzegovina, UNDP Regional Resource Center (RRC) provides capacity building support in 2011 for development and adoption of national rules and procedures for CDM approval. Training on how to apply the procedures for the DNA members was conducted. As a result a pipeline of CDM project was created and one was approved and submitted to UNFCCC CDM EB	2011, Bosnia and Herzegovina	United Nations Development Programme (UNDP)	USD 20,000	< http://www.undp.org/en/projects/project.php >
UNDP Millennium Development Goals (MDG) Carbon Facility	Provides a one-stop shop for the technical development of CDM projects in under-represented developing countries and regions. Carbon finance training workshops have been held in all regions, and knowledge-sharing tools and instruments developed	Ongoing, global	UNDP	USD 7,000,000	< www.mdgcarbonfacility.org >
Capacity development for the African, Caribbean and Pacific Capacity Development for the Clean Development Mechanism (CD4CDM) project	The goal of the Project is to enable to identify, design, approve, finance, implement and monitor CDM projects that both address their sustainable development priorities and offer cost-effective options for carbon credit buyers. Activities emphasize the development of a national CDM portfolio of projects	March 2010 to February 2013, Angola, Botswana, Ivory Coast, Malawi, Nigeria, Rwanda, São Tomé and Príncipe, Belize, Cuba, Trinidad and Tobago, Fiji, Samoa, Tonga, and Vanuatu	UNEP Risoe Centre, AUC, Caribbean Community (CARICOM) Secretariat, Secretariat of the Pacific Regional Environment		< http://www.acp-cd4cdm.org/ > < http://www.unep.org/climatechange/readywillingandable/home.aspx >

Capacity-building activities in support of the clean development mechanism (CDM)

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
	that can be marketed in international carbon events (such as Carbon Expo) and posted on the website of each country's DNA		Programme (SPREP), and regional centres of excellence and local public and private entities		
African Carbon Asset Development (ACAD)	ACAD facility has been designed to break down the barriers that are keeping Africa from developing a robust carbon market, addressing the costs and risks associated to the early to mid-stages of project development as well as engaging with financial institutions to improve their ability to identify, appraise and transact viable carbon opportunities	2009 to 2011, Africa	UNEP, UNEP Risoe Centre, Standard Bank	1,584,359 Euro (BMU)	< http://www.acadfacility.com/ < http://www.unep.org/climatechange/readywillingandable/home.aspx >
Carbon Finance for Agriculture, Silviculture, Conservation and Action against Deforestation (CASCADE)	This programme aims at enhancing expertise to generate carbon credits in land use, land use change and forestry as well as bioenergy activities in Sub-Saharan African countries through a learning by doing approach in which local developers are given the opportunity to develop and prepare project idea notes, carbon finance documents, and/or project design documents through direct technical assistance and capacity building to pilot projects	2007 to December 2011, Benin, Cameroon, the Democratic Republic of the Congo, Gabon, Madagascar, Mali, and Senegal	UNEP and UNEP Risoe Centre, in partnership with the French Agricultural Research for Development (CIRAD), ONF International, Environmental Resources Management (ERM) and Winrock International.	2,300,000 Euro (Fonds Français pour l'Environnement Mondial (FFEM))	< http://cascade-africa.org/ > < http://www.unep.org/climatechange/readywillingandable/home.aspx >

Table 13
Needs arising out of the implementation of Article 4, paragraphs 8 and 9, of the Convention

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
Publication entitled “Best practices and lessons learned in addressing adaptation in the least developed countries through the national adaptation programme of action process, volume 1,” and associated online platform for sharing best practices and lessons learned as part of the least developed countries (LDC) Portal	To share best practices and lessons learned in the least developed countries through the national adaptation programmes of action process	Ongoing, Bonn, Germany	UNFCCC		<FCCC/GEN/263 E COPY 1 ENG> < http://unfccc.int/resource/docs/publications/ldc_publication_bbl_2011.pdf > < http://unfccc.int/ldc >

Table 14
Capacity-building through education, training and public awareness

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding (USD)</i>	<i>Activity report or web link for further information</i>
Intergovernmental Panel on Climate Change (IPCC) Scholarship Programme	The goal of the programme is to provide new opportunities to young people in developing countries to study and contribute to the field of climate change. Selected scholars receive funding for their PhD studies	Ongoing, Least Developed Countries (several)			

Capacity-building through education, training and public awareness

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding (USD)</i>	<i>Activity report or web link for further information</i>
Ecosystem-based adaptation calendar	Raise awareness on ecosystem-based adaptation activities undertaken on impacts, vulnerability and adaptation in relation to the Nairobi work programme	Ongoing, Bonn, Germany	Nairobi work programme partner organizations and other adaptation stakeholders involved with ecosystem based adaptation activities, 19 organizations in total		< http://unfccc.int/5854.php >
Youth and United Nations Global Alliance (YUNGA) education programme on climate change	For children and youth, climate change mitigation and adaptation action and promoting youth participation at the negotiation process	2010 to 2011, Italy	Food and Agriculture Organization of the United Nations (FAO) in coordination with other UN agencies and youth organizations, especially World Association of Girl Guides and Girl Scouts (WAGGGS)		< www.fao.org/climatechange/youth/en/ >
The One UN Knowledge Platform on Climate Finance	Aims at providing comprehensive guidance on financial options available for climate action in developing countries. Users find information on where to access the wide range of funds available	Ongoing, global	UNDP convening agency with the World Bank	USD 200,000 (UNDP), USD 700,000 (World Bank)	< www.climatefinanceoptions.org >

Capacity-building through education, training and public awareness

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding (USD)</i>	<i>Activity report or web link for further information</i>
	from multilateral and bilateral institution, as well as public and private sources				
Regional capacity built towards establishment of cadre of experts on gender and climate change in Asia and Africa	UNDP is preparing a cadre of experts that can provide technical support to governments to integrate social and gender considerations in proposals for funding from the new climate change finance mechanisms. With the view to ensuring that adaptation policy and programmes addresses the needs of poor women and men equitably	2009 to 2014, Africa and Asia	United Nations Development Programme (UNDP)	2,600,000 Euro	< http://www.beta.undp.org/content/undp/en/home/librarypage/womens-empowerment/gender_and_environment/gender_and_climatechange-africa.html >
UN CC:Learn/One UN Training Service Platform on Climate Change	To foster information sharing on climate change learning and support countries in tasking a strategic approach to human resource, learning and skills development	November 2011 to June 2013, global	To date, 32 UN agencies are collaborating in UN CC:Learn		< http://www.uncclearn.org/ >
National UN CC:Learn pilot project in Benin	To strengthen human resource capacities in Benin through a strategic approach to climate change learning and skills development	November 2011 to May 2013, Benin	United Nations Institute for Training and Research (UNITAR), UN CC:Learn Partners		< http://www.uncclearn.org >

Capacity-building through education, training and public awareness

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding (USD)</i>	<i>Activity report or web link for further information</i>
National UN CC:Learn pilot project in the Dominican Republic	To strengthen human resource capacities in Dominican Republic through a strategic approach to climate change learning and skills development	November 2011 to May 2013, Dominican Republic	UNITAR, UN CC:Learn Partners		< http://www.uncclearn.org >
National UN CC:Learn pilot project in Uganda	To strengthen human resource capacities in Uganda through a strategic approach to climate change learning and skills development	December 2011 to June 2013, Uganda	UNITAR, UN CC:Learn Partners		< http://www.uncclearn.org >
Strengthening Human Resources and Skills to Address Climate Change: A One Day COP 17/CMP 7 Workshop to Support Implementation of Article 6 of the UNFCCC	To take stock of Article 6 implementation; foster a dialogue among UN CC:Learn pilot countries; and present perspectives of international development partners	4 December 2011, South Africa	UNITAR, UN CC:Learn Partners, UNFCCC		< http://www.uncclearn.org >
UNFCCC media training - CDM	Capacity development on CDM and climate change among African radio journalists	27 November to 8 December 2011, South Africa	UNFCCC	UNFCCC	< http://unfccc.int/press/media_outreach/items/6549.php >
Secretariat of the Pacific Regional Environment Programme (SPREP) institutional strengthening and capacity development	To enhance the capacity of scholars, practitioners and policymakers in the Pacific to write and publish articles to inform the policy making process on climate change	September 2011 to December 2012, Asia and the Pacific	UNITAR, SPREP		< http://www.c3d-unitar.org/ >

Capacity-building through education, training and public awareness

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding (USD)</i>	<i>Activity report or web link for further information</i>
Outreach activities following the release of the IPCC Special Report on Renewable Energy Sources and Climate Change Mitigation (SRREN)	In this report the IPCC assesses the potential of renewable energy technologies to contribute to securing future global energy supply and to mitigating climate change. The outreach events are intended to provide various audiences (particularly policymakers and the academic community worldwide) with key findings from this report	Ongoing, Mexico (9 September 2011 in Mexico City and 18–19 October 2011 in Tijuana); Guatemala (10–12 October 2011 in Antigua)	Ibero-American Network of National Offices on Climate Change		
FAO Consultative Group on International Agricultural Research (CGIAR) Program on Climate Change, Agriculture and Food Security (CCAFS)	To address gender issues in climate-smart agriculture	4–6 October 2011, Italy	FAO		< http://www.fao.org/climatechange/micca/72532/en/ >
Media workshop on climate change in the lead-up to COP 17/CMP 7	To inform journalists from the African region about the current international climate change negotiations and national and regional climate change initiatives	26 October 2011, South Africa	UNFCCC, United Nations Information Centres (UNIC), UNITAR, Department of International Relations and Cooperation of South Africa		< http://www.unitar.org/ >

Table 15

Capacity-building activities in support of information and networking

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and institutions involved</i>	<i>Funding</i>	<i>Activity report or web link for further information</i>
The Task Group on Data and Scenario Support for Impact and Climate Analysis (TGICA)	TGICA facilitates distribution and application of climate change related data and scenarios	Ongoing, all	Intergovernmental Panel on Climate Change (IPCC)		
Dynamic Coalition on Internet and Climate Change (4th meeting)	Establishment of a network of public and private organizations to improve the environmental impact of the Internet, seeking new ways to apply Internet for reducing GHG emissions worldwide, to enabling the transformation of key economic sectors	30 September 2011, Nairobi, Kenya	International Telecommunication Union (ITU), plus other 51 members of the coalition.		< http://www.itu.int/themes/climate/dc/index.html >
Nairobi work programme (NWP) Private Sector Initiative database of adaptation activities undertaken by the private sector	Raise awareness on activities undertaken by private sector organisations on impacts, vulnerability and adaptation under the Nairobi work programme	Ongoing, all	Nairobi work programme partner organizations engaged with the NWP Private Sector Initiative, as well as other private sector organizations involved with adaptation activities, 79 organizations in total		< http://unfccc.int/6547.php >
Maintenance and update of the adaptation knowledge platforms available on the NWP webpages	To provide user-friendly access to information on NWP partners, adaptation actions they are undertaking and adaptation experts as well as provide links to resources on adaptation practices	Ongoing, Bonn, Germany	UNFCCC		< http://unfccc.int/5135.php >

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	maintained by the secretariat and the NWP partner organizations				
Support of community on exchanging of adaptation information on facebook (Adaptation exchange on facebook)	Provide a collective space for dialogue on adaptation to climate change across all sectors, levels, scales, and stages of adaptation planning and implementation	Ongoing, Bonn, Germany	UNFCCC		< http://www.facebook.com/The.Adaptation.Exchange >
Establishment of an online database on ecosystem-based adaptation case studies	Provides case studies of ecosystem-based adaptation approaches across several sectors	Ongoing, Bonn, Germany	NWP partner organizations and relevant stakeholders		< http://unfccc.int/6227.php >
Cap-Net	The United Nations Development Programme's (UNDP) network for capacity building in integrated water resources management, including addressing the implications of climate change. It also links local capacity building networks around the world with each other and with international organizations and thematic networks	Ongoing, global	UNDP		< www.cap-net.org >
Development of the global climate change adaptation network (GAN) and the regional networks in Asia-Pacific (APAN) and Latin-America and the Caribbean (REGATTA)	To meet the increasing needs (both immediate and long-term) of developing countries for adaptation data, knowledge, technology and policy support. The GAN was developed as a light umbrella structure for the regional networks, linking them together and providing them with	Ongoing, global	United Nations Environment Programme (UNEP), Stockholm Environment Institute (SEI) UNDP, UNFCCC, World Bank, and World	GAN did not yet receive any marked funding. Funding provided by the Spanish government to the Regatta network (USD 4,500,000). Funding provided	< http://www.apan-gan.net/ >

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	technical support, and to provide global-level knowledge-sharing services. The regional networks APAN and REGATTA have been established and are fully operational, delivering knowledge-sharing and technical advisory services		Meteorological Organization (WMO) will be key partners in the development of the Global Adaptation Network. Key thematic international organizations include IIED, ILTER, CGIAR with regional partners IGES, ICIMOD, ADB, AfDB, OSS, ATPS etc).	by Sweden and Japan for the APAN	
Climate Systems Analysis Group, University of Cape Town (CSAG-UCT) institutional strengthening and capacity development	To strengthen the capacity of CSAG Winter School participants to navigate the Climate Information Portal, to produce, analyze and interpret climate information and data	September 2011 to December 2012, Africa	United Nations Institute for Training and Research (UNITAR), CSAG-UCT		< http://www.c3d-unitar.org/ >
Symposium on Progressing the Climate Agenda through Green Information Communications Technologies (ICT) Standards	The symposium focused on the issue of ICT standards, the environment and climate change in Asia, and the needs of countries and especially developing countries in the region. Topics discussed included methodologies for the assessment	19 September 2011, Seoul, Korea	ITU, Korea Communications Commission		< http://www.itu.int/ITU-T/worksem/climatechange/201109/index.html >

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	of the environmental impact of ICT, e-waste, cost-effective ICT technologies, challenges and opportunities in the transition to a green and resource efficient economy and the role of standards in mitigation and adaptation to climate change				
ITU Green Standards Week	To raise awareness of the importance and opportunities of using ICT standards to build a green economy	5 September 2011, Rome, Italy	ITU and Telecom Italia		< http://www.itu.int/ITU-T/climatechange/gsw/201102/index.html >
The Solar and Wind Energy Resource Assessment (SWERA) project	The SWERA Programme provides easy access to high quality renewable energy resource information and data to users all around the world. Its goal is to help facilitate renewable energy policy and investment by making high quality information freely available to key user groups. SWERA products include Geographic Information Systems (GIS) and time series data, along with links to energy optimization tools needed to apply these data. For more than a decade, the programme has worked closely with international technical agencies and local environmental players to help governments in	2011, among others: USA, Cuba, Guatemala, El Salvador, Honduras, Nicaragua, Brazil, Ghana, Kenya, Ethiopia, South-Africa, Nepal, China and Bangladesh.	UNEP, UNEP, Risoe Center, National Renewable Energy Laboratory (NREL), German Aerospace Center (DLR), IEA, National Aeronautics and Space Administration (NASA)	USD 3,000,000 (GEF and German government)	< swera.unep.net >

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	developing countries collect data and prepare solar and wind maps				
Development of the Climate Information Portal (CIP)	To develop CIP into an operational and user friendly portal for regional and local climate change information and data analysis	September 2011 to December 2012, global	UNITAR, UCT (Climate System Analysis Group)		< http://www.c3d-unitar.org/ >
Advanced development of the CIP portal and weADAPT platform	To enhance capacity of staff from CIFOR and ENDA TM to use both the weADAPT and CIP portals to plan and implement climate change adaptation projects, and improve the two portals based on user feed-back and experience	September 2011 to December 2012, global	UNITAR, Stockholm Environment Institute (SEI), Oxford Center for International Forestry Research (CIFOR), ENDA TM		< http://www.c3d-unitar.org/ >
ITU Telecom 2011 - Ministerial Round Table on ICTs and Climate Change	Highlighting the role of ICT in reducing, monitoring, and responding to the effects of climate change	26 October 2011, Switzerland	ITU		< www.itu.int/climate >
Workshop on green ICTs and innovation	Showcasing country experiences, best practices and new ICT technologies that can promote the transition towards a green economy	30 September 2011, Nairobi, Kenya	ITU, Organisation for Economic Co-operation and Development (OECD), Microsoft, IDRC, UNEP, EBU, Ministry of Information and Communication Technology, Uganda		< http://www.itu.int/themes/climate/dc/2011workshop.html >

Capacity-building activities in support of information and networking

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ITU green app challenge (2011 edition)	Innovation competition to gather proposals of applications to would help combat climate change. Topics of interest for this challenge included: mitigation of climate change through energy efficiency in sectors such as smart buildings, intelligent transportation systems, smart homes, etc; community engagement; eco-design; monitoring climate change; measurement of GHG emissions; adaptation to climate change	April–September 2011	ITU, Telefónica, Research in Motion		< http://www.itu.int/ITU-T/climatechange/greenict/201109/index.html >
Application of the action impact matrix (AIM) tool for climate change mainstreaming	To enhance capacity of officials in South Africa and Sri-Lanka to use and apply the AIM methodology for climate change adaptation planning, and develop case studies, on how to integrate climate change into national sustainable development strategies	September 2011 to December 2012, Asia and the Pacific, Africa	UNITAR, Energy Research Center University of Cape Town (ERC-UCT), MIND		< http://www.c3d-unitar.org/ >