



**United Nations Environment Programme
Regional Office for Latin America and the Caribbean**

UNITED NATIONS ENVIRONMENT PROGRAMME
PROGRAMME DES NATIONS UNIES POUR L'ENVIRONNEMENT

**Sixteenth Meeting of the Forum of
Ministers of the Environment of
Latin America and the Caribbean**

**Santo Domingo, Dominican Republic
27th January to 1st February 2008**

A. PREPARATORY MEETING OF EXPERTS
27th to 29th January 2008

Distribution:

Limited

UNEP/LAC-IGWG.XVI/7/Rev.1

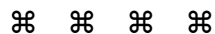
Friday 21st December, 2007

Original: Spanish

Regional Action Plan (RAP) 2006-2007 of the Forum of Ministers of the Environment of Latin America and the Caribbean

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I. Regional and International Context

- 1.** With a view to implementing the decisions made at the WSSD and continuing to apply Program 21, ten years following its adoption, the Johannesburg Plan of Implementation (JPOI) was adopted at the Summit.
- 2.** Among other initiatives, the Johannesburg Plan of Implementation included the Latin American and Caribbean Initiative for Sustainable Development (ILAC), adopted by Latin American and Caribbean countries at the First Extraordinary Meeting of the Forum of Ministers of the Environment held in Johannesburg, South Africa, on August 31, 2002.
- 3.** ILAC expressly recognizes the importance of regional and sub-regional processes aimed at sustainable development in Latin America and the Caribbean and responds to the need to practically implement the Johannesburg Plan at the regional level. At the same time, it reflects the region's particularities, visions and goals.
- 4.** ILAC is a regional action strategy aimed at strengthening the Forum of Latin American and Caribbean Ministers of the Environment, a political platform characterized by transversal and trans-sectorial environmental policies. At the same time, it offers regional authorities a space for reflection, where they can make decisions aimed at protecting the environment and contributing to sustainable development.

II. ILAC Implementation Strategy

- 5.** In response to the mandate issued by the Seventh Inter-Sessional Committee of the Forum of Ministers of the Environment, held in Sao Paulo, Brazil, in May 2002, Inter-agency Technical Committee (ITC) members (UNEP, ECLAC, World Bank, IDB and UNDP) identified the mechanisms needed to set ILAC in motion and to comprehensively and periodically evaluate its implementation.
- 6.** The Regional Action Plan (RAP) for the 2004-2005 period was adopted at the Fourteenth Meeting of the Forum of Ministers (Panama City, Panama; 20th to 25th November, 2003) on the basis of discussions among ITC members and countries in the region during at the meeting of the Forum's Inter-Sessional Committee.
- 7.** The 2006-2007 RAP was approved at the Fifteenth Meeting of the Forum (Caracas, Bolivarian Republic of Venezuela; 31st October to 4th November, 2005). This Plan was completed at the First Meeting of the ITC of 2006, held in Isla de Margarita, Bolivarian Republic of Venezuela, in March 2006.
- 8.** During the inter-sessional period, ITC members engaged in extensive exchanges. These began as informal consultations in Mexico City in September 2006, which continued at the First Meeting of the ITC of 2007 (Caracas, Bolivarian Republic of Venezuela; March 2007). During these exchanges, the need to give PAR a new format and content, five years after the adoption of ILAC, was discussed. This proposal was adopted as one of the recommendations of the High-Level Government Experts Meeting (Panama City, Panama; 30th and 31st August, 2007).

9. Information on activities undertaken by ITC members, which see the participation of Latin American and Caribbean countries, has made a part of the framework of RAP activities for the 2006-2007 period.

10. The Forum of Ministers of the Environment of Latin America and the Caribbean and ITC members share in the conviction that ILAC and the Regional Action Plan (RAP), as instruments operating in the new conditions created by the Johannesburg Conference, must be aimed at organizing priorities such that these complement each other coherently and harmoniously, with a view to contributing to the protection of the environment and sustainable development in our Region.

III. Structure and Implementation for the Regional Action Plan (RAP) 2006–2007

11. The RAP encompasses eight items (of 25 items prioritized by ILAC), for which it demands the immediate attention of the ITC for the 2006–2007 period, namely:

- a) Access to genetic resources and equitable sharing of benefits;
- b) Water Resources Management in Latin America and the Caribbean;
- c) Human Settlements in Latin America and the Caribbean;
- d) Renewable Energy;
- e) Trade and Environment;
- f) Economic Instruments and Fiscal Policy;
- g) Climate Change;
- h) Environmental Indicators.

12. These items were selected in recognition of their significance, the opportunity to make progress at the regional level they afforded and their strategic importance in connection with the fulfilment of the Millennium Development Goals and the Johannesburg Plan of Implementation. Similarly, the need to contribute to and harmonize actions under the selected items, such as water, sanitation and human settlements, was considered. These actions coincide with the first stage of the multi-annual work programme of the Commission on Sustainable Development (CSD), stemming from Johannesburg.

13. The items related to capacity-building, transfer of technologies, environmental awareness raising, sustainable development ethics and the broadening of regional cooperation are trans-sectorial items which give 2006-2007 activities an added value. This ought to be considered when the prioritized actions that the region as a whole will focus on in the next four years, beginning with the 2007-2008 RAP, are discussed.

Countries responsible for the topic: Ecuador ⁽¹⁾ , Mexico					
A. Access to Genetic Resources and Equitable Distribution of Benefits					
ILAC Guiding Goal	Actions for implementation	Johannesburg Goals	Activities	Focal Points, partners and timetable	Implementation Status
	<p>i) Adopt regulatory frameworks for access to genetic resources as well as for the fair and equitable sharing of the benefits arising out of the utilization of genetic resources, compatible with the Convention on Biological Diversity.</p>	<p>Promote the implementation of and subsequent work on the 2001 Bonn Guidelines on the Access to Genetic Resources and Fair and Equitable Sharing of the Benefits Arising out of their Utilization as input to support the CBD Parties in the development of measures related to these topics.</p> <p>Negotiate, within the framework of the CBD, an international system to promote the fair and equitable sharing of benefits arising from the utilization of genetic resources Promote the technical and financial support for developing nations and countries with economies in transition in their efforts to develop and implement sui generis systems with the final objective of conserving and sustainable using of biodiversity.</p>	<p>Implementation of the UNEP Initiative on access to genetic resources and the fair and equitable sharing of benefits arising out of their utilization, including its component of capacity building as well as the following:</p> <ul style="list-style-type: none"> - Provide technical assistance to the countries of the region, at their request, to give them advisory services in the formulation of legislation in the theme (for example, Grenada and Dominica). - Compile existing national and subregional legislation - Hold workshops to exchange experiences related to the current state of the regulatory frameworks and their effective enforcement. <p>Include technical and financial support components for the use and conservation of genetic resources in conformity with the Convention on Biological Diversity.</p> <p>Strengthen the institutional capacities of the countries for the enforcement of and compliance with legal and international mandates in the matter:</p>	<p>UNEP 2006-2007</p> <p>UNEP 2006-2007</p> <p>World Bank 2006-2007</p> <p>World Bank 2006-2007</p>	<p>Support provided to Grenada for the development of sectorial legislation.</p> <p>In progress.</p>

⁽¹⁾ Coordinating country.

Countries responsible for the topic: <u>Ecuador</u> ⁽¹⁾ , Mexico				
A. Access to Genetic Resources and Equitable Distribution of Benefits				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, partners and timetable	Implementation Status
Actions for implementation		<ul style="list-style-type: none"> - Provide technical assistance to the countries of the region at their request to provide advisory services in formulating, reviewing or adapting the legislation necessary to fulfill pertinent regional and international agreements to which they are parties. 	UNEP 2006-2007	Support to the Dominican Republic for the development of legislation on Biotechnology. Support to Panama in the implementation of the regulation on access to genetic resources and intellectual property.
		<ul style="list-style-type: none"> - Workshops to assess compliance of selected multilateral environmental agreements and identify obstacles and options to promote full compliance. - Technical cooperation for the implementation of UNEPs Guidelines on Compliance and Enforcement of Multilateral Environmental Agreements and the UNEP Manual for the Application of the Guidelines. - Harmonization of reports among biodiversity related conventions. 	UNEP 2006-2007	Development of Biodiversity-related MEAs Synergic Implementation Project in four LAC countries (Colombia, Nicaragua, Trinidad and Tobago and Uruguay).
	Recognize the rights of indigenous and local communities –the owners of traditional knowledge, innovations and practices– and develop and implement mechanisms to distribute benefits, under terms mutually agreed upon, by the use of the above-mentioned traditional knowledge, innovations and practices.	<ul style="list-style-type: none"> Hold regional and subregional workshops to examine the possibility of adopting harmonized national or subregional systems or a common regional position in relation to the negotiation of an international system and the negotiations on Article 8 (j) of the Convention on Biological Diversity. 	UNEP 2006-2007	

Countries responsible for the topic: Ecuador ⁽¹⁾ , Mexico				
A. Access to Genetic Resources and Equitable Distribution of Benefits				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, partners and timetable	Implementation Status
Actions for implementation		<p>Regional and sub-regional workshops and seminars on the issue of ABS and traditional knowledge in the identification of priorities and demands of the region and on its optimum positioning in the process of negotiation of an international regime on ABS.</p> <p>Support sub-regional agreements and strengthen their environmental agenda, emphasizing priority themes, such as environmental goods and services and biodiversity strategies.</p> <ul style="list-style-type: none"> - MERCOSUR Biodiversity strategy; - Advisory services to Andean countries for the identification of challenges and opportunities related to international markets for genetic resources. Technical cooperation approved in support to CAN. 	<p>UNEP 2006-2007</p> <p>UNEP 2006-2007</p> <p>IDB 2006</p>	<p>A meeting of the ABS Working Group of the Forum of Ministers (decisions 2 and 8 of the Fifteenth Meeting) was held in preparation for the meetings of the Ad-hoc Open-ended Working Group on Access to Genetic Resources of the CDB to negotiate the international regime (Paipa, Colombia; 20 and 21 September, 2007).</p> <p>Technical cooperation in approval process.</p>

Countries responsible for the topic: <u>Ecuador</u> ⁽¹⁾ , Mexico				
A. Access to Genetic Resources and Equitable Distribution of Benefits				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, partners and timetable	Implementation Status
Actions for implementation		<p>The Organization of the Treaty for Amazonian Cooperation will carry out joint activities with the countries that comprise the Amazon basin, with the support of IDB resources aimed at improving knowledge and information on biodiversity and generating local and regional benefits arising from environmental goods and services associated with biodiversity. Activities initiated in October 2005.</p> <p>Projects aimed at environmentally sustainable development that includes components important to the protection of biodiversity.</p> <p>Sustainable tourism revolving around protected wilderness areas (Costa Rica). The programme will finance the consolidation of ecotourism products and services in and around selected and protected areas and, at the same time, will strengthen conservation activities and economic opportunities for neighboring communities.</p> <p>Promote the participation of indigenous and local communities and groups in the processes of developing policies and making decisions related to the use of their traditional knowledge. In order to strengthen synergy and mutual</p>	<p>IDB 2005-2008</p> <p>IDB 2006</p> <p>IDB 2006-2007.</p> <p>ITC Agencies 2006-2007</p>	<p>Technical Cooperation in progress, with activities and regional studies coordinated by ACTO.</p> <p>The IDB has financed the programmes for 2006 for investment loans including biodiversity components and the handling of natural resources in the amount of approximately US\$700 million.</p> <p>A loan to Costa Rica for US\$20 million was approved in December 2006. The loan is pending approval in the Legislative Assembly of Costa Rica. Implementation will be carried out ending of 2007 or the beginning of 2008.</p> <p>In the Meeting of the Working Group on Genetic Resources of the Forum of Ministers (Paipa, Colombia; 20-21 September 2007) Members of Indigenous Communities took part in this meeting, and their presentation, was included in the Meeting Report.</p>

Countries responsible for the topic: Ecuador ⁽¹⁾ , Mexico				
A. Access to Genetic Resources and Equitable Distribution of Benefits				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, partners and timetable	Implementation Status
Actions for implementation	support, promote discussions concerning the relationship between the CBD and the agreements on international trade and intellectual property rights (WTO/TRIPS).	Development of activities with government entities, including local governments, parliaments, judicial powers and civil society, to build awareness in the theme, including: Project of Capacity Building for Communities for the Conservation of Biological Diversity and Sustainable Use of Natural Resources.	UNEP 2006-2007	Activities implemented through the Programme of Environmental Legislation and the Global Environment Citizenship Project, according to the following details: Memorandum of Understanding has been signed between SEMARNAT/CECADESU and CONABIO – Mexican Biological Corridor. This phase of the project was completed with ten training workshops for both sustainable development projects in CBM's priority areas. Negotiation completed with CONABIO and SEMARNAT for project expansion.
		- Workshops in the framework of the regular and special meetings of the Commission on Environment and Tourism of the Latin American Parliament regarding multilateral environmental agreements. - Capacity building for judges and attorneys-general at the subregional and national level in the field of environmental law.	UNEP 2006-2007	Sub regional Workshop in Buenos Aires, Mexico, Lima and Havana, in the frame of the project of Global Environmental Citizenship GEF-GEC. Last sub regional workshop for 2007 programmed in Montevideo, Uruguay. Co-organization and support to carry out capacity building activities for judicial sector on environmental topics: Peru (January 2006) 10 and 11 International Congress on Environmental Law (Sao Paulo Brazil, May 2006 and May 2007), Congress on Environmental Law for Portuguese speaking countries (Brazil, 2006) Fifth and Sixth Latin-American Encounter (Salta, Argentina, August 2006 and August 2007) Fifth and Sixth International Encounter (Mexico, October 2006 and October 2007)

Countries responsible for the topic: Ecuador ⁽¹⁾ , Mexico				
A. Access to Genetic Resources and Equitable Distribution of Benefits				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, partners and timetable	Implementation Status
Actions for implementation				Support to the creation of the Mexican Magistrate Association Pro Environmental Justice. Support to the creation of a Network for Ibero American Environmental Judiciary System
		<ul style="list-style-type: none"> - Conduct annual regional training programmes in environmental law and policy, including diverse themes linked to biodiversity and aimed at officials of the three branches of government and of local governments, as well as representatives of civil society - Promote projects for capacity building in the fields of legislation, policy, and negotiation of contracts for access to and participation in the benefits as well protection and recognition of traditional knowledge and genetically modified organisms; 	UNEP 2006-2007	The Third Latin American Regional Programme on Environmental Law and Policies in Buenos Aires (June 2006) and the Fourth Programme held in San Salvador (July 2007).
		<ul style="list-style-type: none"> "Capacity building for the implementation of a regional framework for benefit access and distribution in the countries of the Andean Community" – Regional. 	UNEP-GEF 2006-2007	The PDF-A is in its final stages, the confirmation of the countries (Bolivia, Colombia, Ecuador, Peru and Venezuela) in respect to their participation in the project has not been received so far.
		Develop national, sub-regional and regional inventories of marine and land genetic resources;	UNEP 2006-2007	

Countries responsible for the topic: Ecuador ⁽¹⁾ , Mexico				
A. Access to Genetic Resources and Equitable Distribution of Benefits				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, partners and timetable	Implementation Status
Actions for implementation		Latin America and the Caribbean Natural Protected Areas Conference (Bariiloche, Argentina)	UNEP 2006-2007	The Congress was held from September 30 to October 6 of 2007. Support was given to the publication on protected areas in Latin America: "Protected Areas in Latin America – From Santa Marta 1997 to Bariiloche 2007" A contribution was made to the National Organizing Committee of the Congress.
		Technical Support for the Mesoamerican Congress on Protected Areas	UNEP 2006-2007	The Second Mesoamerican Congress on Protected Areas took place in Panama City from April 24 to April 28 2006, and also some preliminary contacts were made with the Mexican component of the Mesoamerican Biological Corridor to organize the 3 rd Congress that will be held in Merida, Yucatan, in 2008.
		Coordination meetings and workshops of the Mesoamerican Biological Corridor	UNEP 2006-2007	In December 2006, the closing meeting of the CBM's Board of Trustees was held. Coordination continues through the Central American Environment and Development Commission (CCAD, in Spanish) to support the Initiative of the Mesoamerican Biological Corridor. UNEP continues coordinating the development of activities for 2007 jointly with the CBM's Mexican component.
		Technical Support to the meetings of the Cocos-Galapagos Marine Corridor	UNEP 2006-2007	UNEP provides technical support to the Secretariat of the Marine Corridor, which will be transferred to Panama in 2008.
		Technical Support to the Development of the Great Inca Trail Project	UNEP 2006-2007	
		Integrated Management of the Montecristo Trinational Protected Area (Guatemala, Honduras and El Salvador).	IDB 2006-2007	A GEF operation was approved at the end of 2006 for US\$3.5 million. It is expected to begin in 2007

Countries responsible for the topic: <u>Ecuador</u> ⁽¹⁾ , Mexico				
A. Access to Genetic Resources and Equitable Distribution of Benefits				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, partners and timetable	Implementation Status
Actions for implementation		Improvement in the effectiveness of the management of the Maya Biosphere Reserve (Guatemala)	IDB 2006-2007	A loan from IDB for US\$30 million was approved at the end of 2006, to be used by the Environment and Natural Resources Ministry. This operation will be complemented by GEF financing, that has been recently approved
		Sustainability of Protected Areas	UNDP/GEF 2006-2007	
		Project on Knowledge and Use of Biodiversity in the Cocos Island Marine Conservation Area, Costa Rica	UNDP/GEF 2006-2007	
		Project on a Conservation System for the Western Meseta of Guatemala	UNDP/GEF 2006-2007	
		Project on Conservation of Biodiversity in the Sierra Gorda Biosphere Reserve in Mexico	UNDP/GEF 2006-2007	
		Project on Conservation of coastal marine and forest biodiversity on the South Pacific coast of Nicaragua: building public and private partnerships for conservation	UNDP/GEF 2006-2007	
		Project for establishing a programme for the consolidation of the Mesoamerican Biological Corridor	UNDP/GEF 2006-2007	Project execution was completed in December 2006.
		Project for expanding and catalyzing the sustainability of the National System of Conservation Areas of Costa Rica	UNDP/GEF 2006-2007	

ILAC Guiding Goal A. Access to Genetic Resources and Equitable Distribution of Benefits Countries responsible for the topic: <u>Ecuador</u> ⁽¹⁾ , Mexico				
Actions for implementation	Johannesburg Goals	Activities	Focal Points, partners and timetable	Implementation Status
		<p>Project being formulated: Strengthening of park management and the financial sustainability of the National System of Protected Areas of the Dominican Republic</p> <p>GEF Project in preparation in Belize: Integration of the management of protected and scenic areas of the Golden Stream basin to develop a model for the integrated management of various protected areas that could be replicated in other areas of the country and help to define a national strategy. A basic component of this management plan is the generation of sustainable livelihood options for the communities in the area.</p> <p>GEF project in Suriname: Conservation of important forest ecosystems in the bioregion of the Guyana shelf of Suriname, which would be an initial strategic step towards developing a programming approach to conservation through work in two areas of great importance, the Central Suriname Nature Reserve and the Sipaliwini Nature Reserve in the south of the country.</p>	<p>UNDP/GEF 2006-2007</p> <p>UNDP/GEF 2006-2007</p> <p>UNDP/GEF 2006-2007</p>	

Countries responsible for the topic: <u>Ecuador</u> ⁽¹⁾ , Mexico				
A. Access to Genetic Resources and Equitable Distribution of Benefits				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, partners and timetable	Implementation Status
Actions for implementation				
		<p>Make biodiversity protection a cross-cutting activity in productive landscapes.</p> <p>National projects supporting the integration of conservationist principles in the productive sectors and landscapes in Venezuela, Colombia, Bolivia, Brazil and Central America.</p> <p>Biosafety</p> <p>Project on Capacity-building for the implementation of the Cartagena Protocol on Biosafety, Mexico.</p> <p>Enabling activities in biodiversity: National Strategies, Action Plans, Reports to the CBD.</p> <p>More than seven countries of the Caribbean are taking steps to prepare the Third Report on Biological Diversity, both in the framework of the global management skills programme (MPS) managed by UNDP, and projects added on to the enabling activities.</p> <p>National and regional projects supporting the consolidation and sustainability of national systems of protected areas in Colombia, Dominican Republic, Ecuador, Nicaragua, Paraguay, Panama, Peru and Uruguay</p> <p>- Bases for a biodiversity strategy of the IDB.</p>	<p>UNDP/GEF 2006-2007</p> <p>UNDP/GEF 2006-2007</p> <p>UNDP/GEF 2006-2007</p> <p>UNDP/GEF 2006-2007</p> <p>IDB 2006-2007</p>	<p>Preparations have been completed for 2006 and 2007 and approval from the Directorate and launching is pending for 2008.</p>

Countries responsible for the topic: Ecuador ⁽¹⁾ , Mexico				
A. Access to Genetic Resources and Equitable Distribution of Benefits				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, partners and timetable	Implementation Status
Actions for implementation		<p>- Increase the quality and quantity of the information of countries in the region on biodiversity as well as its institutional capacity in order to share it through the Inter-American Biodiversity Information Network (IABIN)</p> <p>Biodiversity Conservation in the Andean Paramo (Colombia, Ecuador, Peru and Venezuela)</p>	<p>WB, OAS 2004-2005</p>	<p>The hemisphere-wide Network IABIN, with 34 member countries has substantially consolidated this year and so it is established as regional leader in proposing and promoting biological information standards (www.iabin.net). Particularly topics regarding specimens, species, ecosystems, protected areas, pollinators, and invasive species, they present very interesting products and facilitate the use of biological information in decision making.</p> <p>Project under implementation.</p> <p>Workshop for the preparation of Andean Ecosystems maps of the Northern Andean Region and Construction Center. This includes the support and participation of 6 national agencies of the countries involved (one per country except for Peru, where they are two institutions) Quito Ecuador; 27 and 29 August 2007.</p> <p>Research Workshop on environmental services that generate mountain ecosystems in Northern and Central Andes.</p> <p>Identification of water research priorities that apply to the management and conservation of Andean Paramo (Merida, Mexico; February 2007).</p>

Countries responsible for the topic: Ecuador ⁽¹⁾ , Mexico				
A. Access to Genetic Resources and Equitable Distribution of Benefits				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, partners and timetable	Implementation Status
Actions for implementation				Two regional events are planned to be carried out between October and November: identification of research priorities in the payment for environmental services and capacity building for monitoring of climate change effects on biological diversity in highlands and mountains
		"Decentralized Program for Medium Donations"	UNEP /FMAM	Project under implementation.
		"Improved Certification Schemes for the Sustainable Management of Tropical Forests"	UNEP /FMAM	Project under implementation.
		Biodiversity Conservation in the Andean Paramo (Colombia, Ecuador, Peru and Venezuela)	UNEP /FMAM	Project under implementation.

Countries responsible for the topic: <u>Mexico</u> ⁽²⁾ , <u>Nicaragua</u> , <u>Colombia</u>				
B. Water Resources				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and timetable	Implementation Status
Actions for Implementation WATER SUPPLY i) Improve technology to increase the efficiency of industrial and agricultural water use, and of household consumption	Reduce by half –by the year 2015– the proportion of the world population without access to drinking water or basic sanitation services	Approval of new projects and implementation of approved projects geared toward increasing the coverage of drinking water and water resource management in the countries of the region	WB, IDB 2006-2007	Brazil Proaqua/Semi-Arid: It was finalized on December 21 2006. It contributed directly to substantial progress in its 10 beneficiary states. Plans, studies projects and 42 infrastructure jobs were financed for the benefit of a population of 2 million inhabitants in the northeastern part of Brazil. The second stage of this project was recently approved, with additional financing for US\$50 million. The IDB has launched a Water Initiative in 2007 to increase sector financing and improve the level of coverage.
		Carrying out studies and providing technical assistance for the improvement of water use efficiency and its integrated management	WB, IDB, GEF 2006-2007	Annexes II and III of this report includes detailed information on the progress of projects in diverse countries of the region
		Three regional conferences to discuss new opportunities for financing drinking water and sanitation projects to support the countries in achieving the millennium goals and those of the Johannesburg Plan of Implementation	IDB, UNEP, ECLAC, UNDP through country offices 2006	The IDB has supported 3 regional water conferences, including one directed to journalists. In the IDB Governors Assembly in Guatemala, March 2007, a new Water Initiative was launched.

⁽²⁾ Underlined countries: coordinating countries.

Countries responsible for the topic: Mexico ⁽²⁾ , Nicaragua, Colombia				
B. Water Resources				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and timetable	Implementation Status
Actions for Implementation		Participation in and contributions to the Fourth World Water Forum (Mexico)	IDB, UNEP, UNDP 2006	In the framework of the IV Global Water Forum, UNEP organized symposiums, round tables, and magisterial conferences and training workshops based on "The Hydroscope" manual were organized and a stand with information materials was mounted and kept during the event. The IDB has contributed to the preparation of specific studies
i) Introduce modern technologies for the desalinization of seawater ii) Integrate the management of coastal aquifers to prevent saline intrusion		Approval of new projects and implementation of approved projects aimed at increasing the coverage of drinking water and water resource management in Brazil.	UN Country Team Brazil (Inter-Agency action in the scope of UNDAF). 2006-2007	
WATER POLLUTION		Approval of new projects and implementation of approved projects aimed towards increasing sanitation coverage and wastewater treatment in countries of the region	IDB 2004-2006	In 2006 IDB approved US\$400 million in loans for drinking water projects and sanitation in all the region
i) Expand the coverage of drinking water and wastewater management services	By the year 2015, reduce in half the world population that does not have access to drinking water or basic sanitation services	Norte Grande Water Resources Management (Argentina). The Programme would have the following components: (i) Irrigation and drainage systems; (ii) Drinking water and sanitation systems in low-income communities; (iii) Water regulation works. Private Investment Schemes for Irrigation and Drainage (Colombia).	IDB 2006-2007	A loan for US\$240 million was approved in January 2007

Countries responsible for the topic: Mexico ⁽²⁾ , Nicaragua, Colombia				
B. Water Resources				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and timetable	Implementation Status
Actions for Implementation		Workshop on regional waste water management for the North East Pacific Action Plan. Center of Knowledge and Environmental Care of Cuenca del Plata (Del Plata Watershed)	UNEP/ROLAC 2006-2007 UNEP, 2006-2007 Binational Itaipu, Itaipu Technological Park and the Network's Focal Points of the Ministries of the Environment of the countries of the Del Plata Basin (Argentina, Bolivia, Brazil, Paraguay, Uruguay) IDB 2006-2007	The workshop was held in San José, Costa Rica in August 2006 The Center was established in November 2006 and started activities in 2007, training program included.
WATERSHED MANAGEMENT		Integrated Water Resources Management (Peru)	IDB 2006-2007	Political Reform Loan for US\$200 million, presented before the Loan Committee. Approval was expected in April 2007
i. Improve and strengthen institutional capacity for integrated watershed and basin management, inter alia, through the establishment of hydrographic basin committees with the participation of all sub-national government levels, civil society, the private sector and all the actors involved.		Integrated water resources management strategy, pilot case "Integrated Management Program for El Pantanal Basin and the Major Basin of Río Paraguay" – Brazil	IDB 2006 UNEP-GEF 2006-2007	Water Resources Strategies supported in Costa Rica, Bolivia and Brazil in 2006 Full Size Project (FSP). After six years, the project was completed in 2006. The Action Plan was completed and the project concept will be applied to the following phase for the implementation of the Action Plan.

Countries responsible for the topic: Mexico ⁽²⁾ , Nicaragua, Colombia				
B. Water Resources				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and timetable	Implementation Status
Actions for Implementation		"Integrated Management of land-based activities in the lands of the San Francisco Basin" – Brazil	UNEP -GEF 2006-2007	The Full Size Project (FSP) was completed in June 2006. The Action Plan was completed and approved. The project concept was applied to an MSP through which the Action Plan will be implemented. It is still under revision by the Secretariat of the GEF. Co-financing of US\$3 million dollars expected.
		"Strategic Action Program for the Binational Basin of Rio Bermejo" – Argentina, Bolivia	UNEP -GEF 2006-2007	The PDF-B started in 1995 and included a problem diagnosis and the development of an Action Plan. It is currently under its second phase and the Action Plan is under implementation. One of the activities for this second phase is the assurance of additional funds to implement actions not financed by GEF.
		"Integrated and Sustainable Management of Transborder Water Resources in the Amazonas River" – Regional	UNEP -GEF 2006-2007.	The PDF-B was started in June 2006 and began operations in October 2006. The Full Size Project (FSP) is scheduled for preparation by late 2007.
		"Formulation of the Strategic Action Program for the Integrated Management of Water Resources and the Sustainable Development of the San Juan Basin and its Coastal Zone" – Costa Rica, Nicaragua	UNEP -GEF 2006-2007	The PDF-B was completed; it encompassed problem diagnosis and the development of the Action Plan. The development of the large-scale project is being attempted; however, there are still not the necessary means since the results of the PDF-B have been inconsistent in the different countries.

Countries responsible for the topic: Mexico ⁽²⁾ , Nicaragua, Colombia				
B. Water Resources				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and timetable	Implementation Status
Actions for Implementation		<p>"Formulation of a Water Resource Management Framework for the Del Plata Basin" – Regional</p> <p>"Integrated management of coastal zones of basins in small insular developing States of the Caribbean"</p> <p>"Regional Program for Action and Demonstration of Sustainable Alternatives for DDT Use-free Malaria Vector Control in Mexico and Central America"</p> <p>"Integrated Management Program for the El Pantanal Basin and the Major Basin of Rio Paraguay" – Brazil</p> <p>Risk Management for the Sustainability of Coastal Aquifers in the Small Islands Developing States in the Caribbean - Regional</p> <p>"Integrated Management Programme of the El Pantanal Basin and the Superior Basin of the Paraguay River" Brazil</p>	<p>UNEP -GEF 2006-2007</p> <p>UNEP -GEF 2006-2007.</p> <p>UNEP /GEF</p> <p>UNEP -GEF 2006-2007</p> <p>UNEP-GEF 2006-2007</p> <p>UNEP-GEF 2006-2007</p>	<p>The PDF-B was completed. The large-scale project is now being attempted, for which a US\$7 million fund is being sought from GEF to implement the Action Plan.</p> <p>The PDF-B was completed. Implementation of the large-scale project (FSP) began in June 2006 and is expected to be completed in five years.</p> <p>The FSP is being implemented in Brazil, Mexico and Cameroon.</p> <p>Full Size Project (FSP). After six years, the project was scheduled for completion by late 2006. The Action plan was completed and the project concept will be applied to the second phase for the implementation of the Action Plan.</p> <p>The PDF-B was sent to the GEF Secretariat for its approval. After comments about the project, the definition of pilot sites for the implementation of the project is pending. This should be established in coordination with the Secretariat.</p> <p>Full Size Project (FSP). After six years, the project was programmed to be completed at the end of 2006. The Action Plan was finalized the project concept will be applied to the following phase to implement the Action Plan</p>

Countries responsible for the topic: Mexico ⁽²⁾ , Nicaragua, Colombia				
B. Water Resources				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and timetable	Implementation Status
Actions for Implementation		<p>"Integrated Management of land-based activities in the San Francisco Basin" – Brazil</p> <p>"Strategic Action Programme for the Binational Basin of the Rio Bermejo" – Argentina, Bolivia</p> <p>"Integrated and Sustainable Management of Transboundary Water Resources of the Amazon River" – Regional</p> <p>"Formulation of the Strategic Action Programme for Integrated Water Resources Management and Sustainable Development of the San Juan Basin and its Coastal Area" – Costa Rica, Nicaragua</p>	<p>UNEP-GEF 2006-2007</p> <p>UNEP-GEF 2006-2007</p> <p>UNEP-GEF 2006-2007.</p> <p>UNEP-GEF 2006-2007</p>	<p>The Full Size Project (FSP) was completed in June 2006. The Action Plan completed and approved. The project concept was applied to a MSP through which the Action Plan will be implemented. The GEF Secretariat is still in review of the project. A co-financing for US\$3 million is expected.</p> <p>The Second Phase and the Action Plan are being implemented. One of the activities of this second phase is to secure additional funds to implement actions that are not financed by GEF.</p> <p>PDF-B began in June 2006 and the starting of operations was programmed to start in October 2006. The Full Size Project (FSP) will be prepared at the end of 2007.</p> <p>The PDF-B in which the problem diagnostic was made and the Plan of Action was developed has ended. The development of the full size plan is being requested; however the necessary means for implementation are not yet available because the results of PDF-B in the different countries have been uneven.</p>

Countries responsible for the topic: Mexico ⁽²⁾ , Nicaragua, Colombia				
B. Water Resources				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and timetable	Implementation Status
Actions for Implementation		"Formulation of a Water Resources Management Framework for the Plate River Basin" – Regional	UNEP-GEF 2006-2007	The PDF-B project was completed, and now the view is towards applying the full size project (FSP) for which the obtainment of US\$7 million from GEF is needed to implement the Action Plan.
		"Sustainable Land Management in the Basin of the Mopan-Belize River" – Belize, Guatemala	UNEP-GEF 2006-2007	The project concept was approved in January of 2006 to enter into the portfolio, however due to lack of resources, the PDF-B will be financed with resources from GEF-IV
		"Sustainable Land Management in the basins that flow into the Gulf of Fonseca" – El Salvador, Honduras and Nicaragua	UNEP-GEF 2006-2007	The project concept was approved in January 2006 to enter the portfolio, however, due to lack of resources, the PDF-B will be financed with resources from GEF IV
		"Integrated Watershed Coastal Area Management (IWCAM) in the Small Island Developing States of the Caribbean"	UNEP/GEF 2006-2007.	The PDF-B was completed. The implementation of the full size project (FSP) began in June 2006 and it is expected to end in 5 years.
		Implementation of Project: "Securing Water Resources through Watershed Rehabilitation In Grenada in the Post Ivan Era"	UNEP/EU 2006-2007	

Countries responsible for the topic: Mexico ⁽²⁾ , Nicaragua, Colombia				
B. Water Resources				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and timetable	Implementation Status
Actions for Implementation		<p>GEF Project in the Dominican Republic: Demonstration of Sustainable Land Management in the Upper System of the Sabana Yegua Basin, which will strengthen policy frameworks and national and local capacities while, at the same time, developing financial mechanisms to ensure management. It will also provide an important model for integrated watershed management that incorporates both environmental and socio-economic aspects.</p> <p>Regional GEF Project in Argentina and Uruguay, Environmental Protection of the Río de la Plata and Its Maritime Front: Pollution prevention and control and habitat restoration. Programme for the integrated management of the Río de la Plata basin and its maritime front, based on a Transboundary Diagnostic Analysis and the preparation of a Strategic Action Programme.</p> <p>1) Project promoting the integrated management of ecosystems and natural resources in Honduras</p> <p>2) Project for integrated management of ecosystems in three priority ecoregions, Mexico</p> <p>3) Project on capacity building for a sustainable land management programme in Nicaragua</p> <p>4) Project on a capacity.-building programme for sustainable land management in Guatemala</p>	<p>UNDP/GEF 2006-2007</p> <p>UNDP/GEF 2006-2007</p> <p>UNDP/GEF 2006-2007</p> <p>UNDP/GEF 2006-2007</p>	

Countries responsible for the topic: Mexico ⁽²⁾ , Nicaragua, Colombia					
B. Water Resources					
ILAC Guiding Goal	Actions for Implementation	Johannesburg Goals	Activities	Focal Points, Partners and timetable	Implementation Status
			<p>5) Project on micro-basin management in Mexico</p> <p>6) Project being formulated to support the programme of sustainable management for the restoration, rehabilitation and conservation of ecosystems in Arco Seco, Sabana Veraguense and Cerro Punta, in Panama.</p>	UNDP/GEF 2006-2007	
		By 2005, develop integrated management systems for water resources and plans for the efficient use of water	Implementation of Guarani water Project (Argentina, Brazil, Paraguay)	WB, OAS 2006-2007	Main contracts for implementation are finalized. Consciousness of the population in the Guarani region has been established; knowledge on resource extension have been generated, information on wells and exploitation levels have been gathered, digital maps of Guarani have been produced; some activities are being carried out in 4 pilot regions (two are transboundary); institutional reinforcement that benefited water resources public agencies, universities, NGOs and other civil society organizations; recently the preparation of the Strategic Action Plan was initiated.
			Integrated management of the maritime and coastal area of the Samaná Region (Dominican Republic)	IDB 2006-2007	Design and preparation of IDB Loan, plus GEF operation proposal completed. Approval is expected for 2007.
	MARINE AND COASTAL MANAGEMENT AND RESOURCES				
	i) Implement action plans for the integrated management of coastal and coastal ecosystem resources, particularly focusing on the Small Island Developing States (SIDS)	By 2012, facilitate the use of tools such as the elimination of destructive fishing practices, the establishment of protected marine areas and closed season systems to favor			

Countries responsible for the topic: Mexico ⁽²⁾ , Nicaragua, Colombia				
B. Water Resources				
ILAC Guiding Goal				
Actions for Implementation	Johannesburg Goals	Activities	Focal Points, Partners and timetable	Implementation Status
	<p>the proper use of coastal zones, watershed planning, and the integrated management of marine coastal areas in key sectors</p> <p>Make progress in the implementation of the Global Plan of Action for the Protection of the Marine Environment from Land-based Activities.</p> <p>Reduce, prevent, and control waste and pollution, as well as their impact on health by adopting initiatives designed to apply the GPA in SIDS.</p>	<p>Integrated management of the Gulf of Fonseca ecosystem (El Salvador, Honduras and Nicaragua)</p> <p>"Reduce the drainage of pesticides into the Caribbean Sea" – Regional</p> <p>Development of national programmes of action for the protection of the marine environment from land-based pollutants.</p> <p>Regional GEF project, Integrated Watershed and Coastal Area Management in the small island developing States (SIDS) of the Caribbean, implemented together with UNEP. Seek to strengthen the capacity of the countries in this area in order to achieve sustainable management of water resources and ecosystems, based on recognition of the links between basins and coastal areas of the SIDS. In addition to strengthening regional coordination and cooperation, it is developing nine demonstration projects that address strategic themes such as water resources conservation and management, wastewater management and treatment, and land-use planning and management (Bahamas, Cuba, Dominican Republic, Jamaica, Saint Kitts, Saint Lucia, and Trinidad and Tobago).</p>	<p>IDB 2006-2007</p> <p>UNEP-GEF 2006-2007</p> <p>UNEP 2006-2007</p> <p>UNDP-GEF 2006-2007</p>	<p>Design and preparation of IDB Loan, plus GEF operation proposal completed. Approval is expected for 2007.</p> <p>In 2006 activities have been organized at a sub-regional level in Central America and at a national level in Costa Rica, Panama and Honduras, it is expected to continue in 2007 with national workshops.</p>

Countries responsible for the topic: Mexico ⁽²⁾ , Nicaragua, Colombia					
B. Water Resources					
ILAC Guiding Goal	Actions for Implementation	Johannesburg Goals	Activities	Focal Points, Partners and timetable	Implementation Status
	<p>i) Adopt a comprehensive and integrated approach to the management of the Caribbean Sea through the development of a comprehensive strategy for its protection and management</p>	<p>Accelerate national and regional implementation of the Barbados Programme of Action, with appropriate financial resources, transfer of rational environmental technologies and assistance in capacity building. Carry out a widespread review of said implementation in 2006.</p>	<p>Regional GEF Project, Haiti and Dominican Republic, integrated management of the Rio Artibonito river basin, aimed at applying the Transboundary Diagnostic Analysis (TDA)-Strategic Action Programme (SAP) methodology to solve problems of land degradation and inappropriate water resources management.</p> <p>Implementation of a programme on the physical alteration and destruction of habitats in the Caribbean</p> <p>Implementation of several projects in the Caribbean focused on the prevention and mitigation of natural disasters, including activities in Saint Lucia, Saint Kitts and Nevis, Dominica and Grenada, among others.</p>	<p>UNDP-GEF 2006-2007</p> <p>UNEP 2006-2007</p> <p>World Bank 2006-2007</p>	<p>Dominica, Saint Lucia and Saint Vincent and the Grenadines: Implementation of the adaptation measures in coastal zones. Project effective from February 1 2007. The project is going to back up supporting infrastructure in the coast of Saint Lucia, desalinization of water in Saint Vincent and adaptation measures for the ecosystem of the coast in Dominica</p> <p>See Annex III to this document.</p> <p>Establishing adaptation to climate change in CARICOM. Project in implementation. It will incorporate considerations on public policies.</p>

Countries responsible for the topic: <u>Mexico</u> ⁽²⁾ , <u>Nicaragua</u> , <u>Colombia</u>					
B. Water Resources					
ILAC Guiding Goal	Actions for Implementation	Johannesburg Goals	Activities	Focal Points, Partners and timetable	Implementation Status
					Honduras: Mitigation of Natural Disasters <u>Objective:</u> improve the capacity of reducing vulnerability to natural disasters on a municipal level through: development of capacity at a national level for assistance to local governments; promoting the reduction of vulnerability in municipalities of high risk zones. <u>Status of Implementation</u> : 95%

Countries responsible for the topic:
Cuba⁽³⁾, Mexico, Paraguay, Trinidad and Tobago, Uruguay

C. Human Settlements

ILAC Guiding Goal		Countries responsible for the topic: Cuba ⁽³⁾ , Mexico, Paraguay, Trinidad and Tobago, Uruguay		
Actions for Implementation	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
	<p>LAND USE</p> <p>i) Implement land use plans and policies based on a sustainable development focus</p>		<p>Culmination of the first phase of the GEO City projects (Havana, Santiago, Buenos Aires, Bogotá, Mexico, Rio de Janeiro and Manaus) of integrated environmental assessments of cities</p> <p>Organization and implementation of the second phase of the GEO cities projects in twenty cities of Latin America and the Caribbean, making comprehensive environmental assessments. São Paulo -GEO Report, initiated in December 2005</p> <p>National Projects in Argentina, Venezuela, Nicaragua, Guatemala and the Dominican Republic supporting sustainable land management.</p> <p>GEO Cities Project – São Lourenço da Serra, Santo André</p> <p>GEO Cities Pilot in Brazil – Beberibe, Ponta Porã, Piranhas and Maraba</p>	<p>UNEP, HABITAT, WB 2006-2007</p> <p>UNEP, HABITAT, WB 2006-2007</p> <p>UNDP/GEF 2006-2007</p> <p>UNEP, State Government, NGO 2006-2007</p> <p>UNEP, HABITAT 2006</p>

³ Coordinating country.

<p style="text-align: center;">Countries responsible for the topic: Cuba⁽³⁾, Mexico, Paraguay, Trinidad and Tobago, Uruguay</p> <p style="text-align: center;">C. Human Settlements</p>				
ILAC Guiding Goal				
Actions for Implementation	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
		<p>Preparation and implementation of strategies to strengthen the capacity of cities to conduct comprehensive environmental assessments and monitor the state of the urban environment.</p> <p>Sub-regional workshop on building codes for the Caribbean.</p>	<p>UNEP, HABITAT, WB 2006-2007</p>	
		<p>Prepare and disseminate a Guide for national and local authorities on Healthy Housing.</p>	<p>UNEP/ROLAC 2006-2007</p> <p>ECLAC -Habitat PAHO 2006-2007</p>	<p>MOU under Jamaica's consideration since October 2006</p> <p>This initiative arises from the meeting of MINURVI in 2003 in Bolivia and it is based on the regional initiative for healthy housing that ECLAC is part of, and it is collaborating with PAHO for its preparation</p>
		<p>Disseminate and keep updating the Pro-Poor Urban Interactive Agenda.</p>	<p>ECLAC - MINURVI</p>	<p>ECLAC acts as Technical Secretariat for MINURVI and in the meeting held in Montevideo Uruguay in September of last year, presented two documents about access to Urban land and financing mechanisms for Housing for low income sectors. The next meeting of MINURVI in 2007 will be held in Santiago de Chile.</p>
		<p>Exchange of information on good practices on the issue of municipal waste management between Brazil, Portugal and Nicaragua.</p>	<p>UNEP 2006-2007</p>	<p>Mission by the Authorities of Managua and outlining municipalities to Mexico to exchange experiences with the handling of integrated municipal waste, including visits to plastic and glass recycling plants in October 2006.</p>

<p align="center">Countries responsible for the topic: Cuba⁽³⁾, Mexico, Paraguay, Trinidad and Tobago, Uruguay</p> <p align="center">C. Human Settlements</p>				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
Actions for Implementation		<p>Implementation Partnership Initiative on Land Degradation and Sustainable Land Management in Caribbean SIDS:</p> <ul style="list-style-type: none"> - Elaboration of Action Plans - Establishment of a Regional/Sub-regional Platform for the implementation of the UNCCD, including the building of complementarities with other MEAs - Elaboration of integrated Sub-regional Action Plans (SRAP) - Development of Methods and Tools for Monitoring and measuring land degradation - Training, Research, Capacity Development and Policy Analysis - South-South Cooperation - Targeted GEF Interventions 	<p>UNEP, WB, UNCCD 2006-2007</p> <p>UNEP, WB UNCCD</p> <p>UNEP, WB, UNCCD</p> <p>UNEP, WB, UNCCD</p> <p>UNEP, WB, UNCCD</p> <p>UNEP, WB, UNCCD</p> <p>UNEP, WB, UNCCD</p> <p>UNEP, WB, UNCCD</p> <p>UNEP, WB, UNCCD</p> <p>UNEP, WB, UNCCD</p>	
	i) Incorporate instruments for risk management in land use plans		<p>Incorporation of an environmental ethic in the networks of environmental authorities of cities in Latin America and the Caribbean</p> <p>Elaboration of a project to support the application of a National Action Plan in Brazil for the combat against desertification</p>	<p>WB, PAHO 2006-2007</p> <p>UNEP, UNDP, Government of Brazil 2006-2007</p> <p>Establishing adaptation to climate change in CARICOM. Project under Implementation. It will incorporate climate considerations in public policies. Status of Implementation: 54%</p>

Countries responsible for the topic: Brazil ⁽⁴⁾ , Barbados, Chile, Honduras				
D. Renewable Energy				
ILAC Guiding Goal				
Actions for implementation	Johannesburg Goals	Activities	Focal Points. Partners and Timetable	Implementation Status
i) Implement in the region the use of at least 10% of the renewable energy of the total energy percentage in the region for 2010	Increase: a) access to modern energy services; b) energy efficiency; and c) the use of renewable energy	Implementation of projects that support the introduction of cleaner production, with special emphasis on the use of renewable energy Fund for the Sustainable Energy and Climate Change Initiative	UNEP, WB 2006-2007 IDB 2006-2007	More detailed information on projects implementation of the World Bank is available in Annex III to this report. IDB has approved a fund of US\$20 million to support several renewable energy initiatives, energy efficiency and climate change in the region.
		Viability of "biomass-derived ethanol" as fuel for the transport sector, in support of the Energy Ministry of Mexico Joint efforts of IDB, GTZ, the countries of the region, and training centres to reduce barriers to financing for new renewable energy projects.	IDB 2006-2007 IDB 2006-2008	Analytical Studies are being prepared within the framework of cooperation with GTZ Analytical Studies are being prepared within the framework of cooperation with GTZ
	Promote interaction among the different energy management centers of excellence in order to attain sustainable development	Promotion and dissemination of methodologies and instruments on sustainable production and consumption among governments, industrial sectors and civil society	UNEP 2006-2007	A Sub-regional meeting of government experts in production and sustainable consumption in the Andean Community was held in Peru on August 2006. The participants received training and exchanged experiences in regards to subjects like the Youth in favor of Change and sustainable public purchasing.

⁽⁴⁾ Coordinating country.

**Countries responsible for the topic:
Brazil⁽⁴⁾, Barbados, Chile, Honduras**

D. Renewable Energy

ILAC Guiding Goal	Countries responsible for the topic: Brazil⁽⁴⁾, Barbados, Chile, Honduras			
Actions for implementation	Johannesburg Goals	Activities	Focal Points. Partners and Timetable	Implementation Status
	Take steps to mobilize the supply of financial resources, technology transfer, capacity development and dissemination of appropriate technologies	Promotion of the use of renewable sources of energy in rural areas to benefit the poorest population	UNEP, UNDP 2006-2007	
		"Generation and distribution of renewable energy based on modern energy services" – Cuba	UNEP-GEF 2006-2007	This project began in 2005 and it focuses on renewable energy in Isla de la Juventud (Island of Youth). A wind farm of 1.5 MW was installed and a biomass gasification plant of 3 MW is being planned. Activities for capacity building and technology transfer are being prepared and coordinated by CITMA/GEPROP and UNIDO in Cuba.
		"Eastern Caribbean Geothermal Development Project"	UNEP-GEF 2006-2007	The project proposal has not been sent to the GEF Secretariat and the continuation of the proposal has not been confirmed.
		Identify legal, institutional and political obstacles in the design and implementation of renewable energy projects in the Caribbean and Central America	UNDP-GEF 2006-2007	
		Project on rural electrification and renewable energy through a participatory citizen process in Bolivia	UNDP-GEF 2006-2007	
		Removal of barriers to rural electrification with renewable energy in Chile	UNDP-GEF 2006-2007	
		Electrification with renewable energy in Costa Rica	UNDP-GEF 2006-2007	

Countries responsible for the topic:
Brazil⁽⁴⁾, Barbados, Chile, Honduras

D. Renewable Energy

ILAC Guiding Goal	Countries responsible for the topic: Brazil ⁽⁴⁾ , Barbados, Chile, Honduras			
Actions for implementation	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
		<p>Removal of barriers to the use of renewable energy in Galapagos, Ecuador</p> <p>Productive uses of renewable energy in Guatemala</p> <p>Renewable energy development programme in the Caribbean</p> <p>Action Plan to remove large-scale barriers for the implementation of wind energy in Mexico</p> <p>Productive uses of small-scale hydroelectricity in Nicaragua</p> <p>Rural photovoltaic electricity in Peru</p> <p>Promote the use of renewable energy through the removal of barriers and the reduction of implementation costs in Haiti</p> <p>Renewable energy system in the Peruvian Amazon region</p> <p>Generation of renewable energy through sugarcane in Brazil</p> <p>Removal of large-scale barriers to the commercial implementation of renewable energy in Uruguay</p>	<p>UNDP-GEF 2006-2007</p> <p>UNDP-GEF 2006-2007</p> <p>UNDP-GEF 2006-2007</p> <p>UNDP-GEF 2006-2007</p> <p>UNDP-GEF 2006-2007</p> <p>UNDP-GEF 2006-2007</p> <p>UNDP-GEF 2006-2007</p> <p>UNDP-GEF 2006-2007</p> <p>UNDP-GEF 2006-2007</p>	

Countries responsible for the topic:
Brazil⁽⁴⁾, Barbados, Chile, Honduras

D. Renewable Energy

ILAC Guiding Goal	Countries responsible for the topic: Brazil⁽⁴⁾, Barbados, Chile, Honduras			
Actions for implementation	Johannesburg Goals	Activities	Focal Points. Partners and Timetable	Implementation Status
	<p>Develop and disseminate alternative energy technologies so that renewable energy might play a more significant role in the general use of energy, improving energy efficiency and offering more reliability on advanced energy technologies</p> <p>Strengthen institutions or national and regional energy agreements to increase regional and international cooperation on the topic of energy in relation to sustainable development, especially to assist developing nations in their internal efforts to provide reliable, accessible, economically feasible, socially acceptable energy services as well as services that protect the environment of all sectors of the population</p> <p>Take action to gradually eliminate subsidies in this area that inhibit sustainable development</p> <p>Encourage governments to improve the operation of national energy markets so that they back up sustainable development, overcome tariff barriers, and improve their accessibility, bearing in mind that policy should be decided by each country</p>	<p>Support the countries of the region in the study, development and implementation of renewable energy, following up on projects such as the Solar and Wind Energy Survey Assessment (SWERA).</p> <p>Promotion of the participation of regional centers of the Global Network of Renewable Energy Centers</p>	<p>UNEP 2006</p> <p>UNEP, Governments of the region 2006-2007</p>	
		<p>Joint research with GTZ on challenges and opportunities to increase the use of renewable energy and energy efficiency in the countries of Latin America and the Caribbean in the framework of regional integration.</p>	<p>IDB 2005-2008</p>	<p>Activities in progress in the framework of the IDB/GTZ agreement</p> <p>In November 2006, the IDB launched an Initiative for Sustainable Energy and Climate Change with a proposal for the creation of a special fund.</p>

<p style="text-align: center;">E. Trade and the Environment</p> <p style="text-align: center;">Countries responsible for the topic: <u>Peru</u>⁽⁵⁾, <u>Argentina</u>, <u>Jamaica</u>, <u>Chile</u>, <u>Mexico</u></p>				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
<p>Actions for Implementation</p> <p>Raise the level of competitiveness of the productive structures of the countries of the region to foster an appropriate insertion into the world economy⁽⁶⁾</p>	<p>Continue to improve the mutual support of trade, the environment and development in order to attain sustainable development through actions at all levels</p>	<p>Promotion of programmes for training and exchanging experiences on trade and the environment in coordination with the ITC agencies, emphasizing issues on negotiation capabilities (within the context of free trade negotiations and latter phases), impact analysis and environmental systems, including the comprehensive assessment and impact analysis of trade agreements and programmes, as well as multilateral environmental regulations and environmental agreements and the valuation of environmental goods and services.</p> <p>Advocate the preparation of a distance course on trade, environment and sustainability in cooperation with the ITC.</p>	<p>IDB, UNEP, ECLAC, UNCTAD, WB, IISD 2006-2007</p>	<p>Implementation Status: Links between commerce and the environment were analyzed within the Country Environmental Analysis framework of Guatemala and El Salvador.</p> <p>Technical cooperation from IDB for the Central American Commission on Environment and Development is in progress</p>
			<p>ECLAC, UNDP, UNEP 2006</p>	<p>Execution pending.</p>

⁽⁵⁾ Coordinating country.

⁽⁶⁾ Note: This goal on Trade and the Environment was identified at ILAC III, Operational Guidelines, 9b.vi.

Countries responsible for the topic: Peru ⁽⁵⁾ , Argentina, Jamaica, Chile, Mexico				
E. Trade and the Environment				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
Actions for Implementation		<p>Development of activities and events to generate and channel demands for training on facilitate access to financial resources.</p> <p>Coordinate events among agencies at the level of environmental trade or economy authorities.</p> <p>Foster interest in finance ministries to incorporate environmental themes in financing applications.</p> <p>Conduct studies on the cost of environmental degradation with a view to redefining environmental priorities, particularly in reference to the environmental implications of free trade agreements and the expansion of infrastructure (Guatemala, Honduras, El Salvador, Nicaragua and Panama).</p> <p>Promotion of sustainable production and of the trade in products resulting from sustainable practices, with emphasis on the work of small rural producers through training workshops, product exhibits, awareness campaigns, and national and regional fairs to link supply and demand.</p>	<p>UNEP, ECLAC, UNDP, Ministries 2006-2007</p> <p>WB 2006-2007</p> <p>UNEP, Governments of the region 2006-2007</p>	<p>Subregional Workshops:</p> <ul style="list-style-type: none"> - Sustainable Development and international Trade for Small and Medium Size Businesses. Montevideo, Uruguay, March 2007. - International Trade, investments and intellectual property. San Jose, Costa Rica, may 2006. - Sustainable Development in the framework of new trade rules. Santiago de Chile, July 2007 <p>Studies were made in El Salvador, Guatemala, Colombia and Peru within their Country Environmental Analysis. The same type of study is beginning in Honduras and Argentina and it is expected to conduct similar analyses in Nicaragua and Panama in the 2008 fiscal year.</p> <p>The project on sustainable bio trade in Dominican Republic is in phase of internal consultations in UNEP and contacts have been made with Dominican authorities on the subject.</p>

<p style="text-align: center;">Countries responsible for the topic: Peru⁽⁵⁾, Argentina, Jamaica, Chile, Mexico</p>				
E. Trade and the Environment				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
Actions for Implementation		<p>Capacity building and training in agro ecology, agro forestry and sustainable agriculture.</p> <p>Technical advice to Governments of the Region to implement the task force on micro, small and medium enterprises, launched during the second expert's meeting of the Marrakech Process.</p> <p>Establishment of new Cleaner Production and Consumption Information Centers in the Caribbean region in collaboration with the Caribbean Environment and Institute (CEHI) and in Centro America.</p> <p>Design and formulation of a national strategy on sustainable production and consumption in Argentina.</p>	<p>UNEP 2006-2007</p> <p>UNEP 2006-2007</p> <p>UNEP 2006-2007</p> <p>UNEP 2006-2007</p>	<p>Two capacity building courses on Agro forestry for sustainable Development were carried out in the Autonomous University of Chapingo/Environment Training Network (ETN); Congress on Agroecology, ETN (Colombia). A distance learning course was on Agro ecology, agro forestry and sustainable agriculture prepared in Chapingo University to be launched in 2008</p> <p>Round Table on sustainable production and consumption in Brazil foreseen during 2007.</p> <p>Creation of a Sub regional Information Center for Cleaner Production and Sustainable Consumption in Nicaragua for Central America with the support of CCAD.</p> <p>A MOU with the Caribbean Environment and Health Institute-CEHI for the creation of a sub regional Center for the Caribbean in Saint Lucia was signed and the Center began operations in October 2007</p> <p>Draft of the strategy prepared during the second semester of 2006</p>

Countries responsible for the topic: Peru⁽⁵⁾, Argentina, Jamaica, Chile, Mexico					
E. Trade and the Environment					
ILAC Guiding Goal	Actions for Implementation	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
			<p>Project on sustainable consumption and production funded by the United Nations Development Account</p>	<p>UNEP 2006-2007</p>	<p>Sub-regional Meeting of experts in Production and Sustainable Consumption (Peru, August 2006). Sustainable Center on Production and Sustainable Consumption (October 2007) Regional Meeting of Government Experts in Production and Consumption (Brazil, October 2007) Support to the participation of Small and Medium Size Businesses in Expo Ambiente Mesoamericana with CCAD (El Salvador, October 2007). Capacity Building for Micro entrepreneurs of the subregion and government representatives in cleaner production, clean technologies and eco design with CCAD (El Salvador October 2007).</p>
			<p>Support the ministries of the environment so that they lead governmental institutions in the promotion of policies and practices of green purchases</p>	<p>UNEP 2006-2007</p>	<p>Life Cycle Analysis(LCA) for paper and energy consumption for printers in Mexico has been completed A proposal for public sustainable purchasing in Argentina was approved. It will be formalized through a MOU. The continuation of these initiatives in both countries will be formalized with the signing of a MoU.</p>

Countries responsible for the topic:
Peru⁽⁵⁾, Argentina, Jamaica, Chile, Mexico

E. Trade and the Environment

ILAC Guiding Goal	E. Trade and the Environment			
Actions for Implementation	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
		<p>Promotion of sustainable tourism practices with an emphasis on the reduction of water and energy consumption; minimization of environmental impacts. Incorporation of local communities in the planning, implementation and sharing of the benefits of tourist activities through:</p> <ul style="list-style-type: none"> - dissemination of the Galapagos Declaration and the Amazon River; - manuals on best practices; - exchange of experiences; - promotion of regulatory frameworks; - training of local parties <p>Third Ibero-American Meeting of Tourism and Environment Ministers in Aruba</p> <p>Evaluation of the potential for the development of sustainable tourism in two areas in Dominican Republic</p>	<p>UNEP 2006-2007</p> <p>UNEP 2006-2007</p> <p>UNEP 2006-2007</p>	<p>Discussion with the Caribbean States Association to explore modalities in cooperation with the tourist sector.</p> <p>Draft of a Memorandum of Understanding in consideration of UNEP. Support for the Sustainable Tourism Area of DTIE.</p> <p>Cooperation Agreement between the Ministry of Tourism and Environment signed in January 2007. UNEP will support the implementation of the Action Plan with a national workshop (first semester of 2007)</p>

Countries responsible for the topic: Peru ⁽⁵⁾ , Argentina, Jamaica, Chile, Mexico				
E. Trade and the Environment				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
Actions for Implementation		<p>Support for financing bio-businesses and support for a Development Activities Market in the Andean Region – Regional</p> <p>Implementation of the South-South Cooperation Programme in Trade and Environment. Emphasis will be placed in a number of themes inter alia:</p> <ul style="list-style-type: none"> - Environment assessment of trade policies - Trade and Environment goods and services - Environment and Trade in context of regional trade agreements (FTAA) - Biodiversity and trade including relationships between TRIPs and the Biological Diversity Convention CDB - Production process methods (PPM) - Implementation of Integrated Assessment and Planning pilot methodology in South American countries. 	<p>UNEP-GEF 2006-2007</p> <p>UNEP 2006-2007</p> <p>UNEP 2006-2007</p> <p>UNEP 2006-2007</p>	<p>PDF-B activities have been completed and the MSP is being prepared to be submitted to the GEF Sec in the first meeting of the Council in 2008. The endorsement for the three countries was obtained from the three countries Colombia, Ecuador, Peru. The proposal for the Full Size Project was programmed to be presented at the end of 2006</p>

Countries responsible for the topic:
Peru⁽⁵⁾, Argentina, Jamaica, Chile, Mexico

E. Trade and the Environment

ILAC Guiding Goal	E. Trade and the Environment			
Actions for Implementation	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
		<p>Conduct studies, based on GEO methodology, on trade agreements and sub- regional integration.</p> <p>EGS preparatory meetings to WTO.</p> <p>Promotion of sub-regional capacity building programmes oriented so as to strengthen sub-regional participation in global fora.</p>	<p>UNEP 2006-2007</p> <hr/> <p>UNEP 2006-2007</p> <hr/> <p>UNEP, UNCTAD 2006-2007</p>	

**Countries responsible for the topic:
Chile^(*), Ecuador, Mexico**

F. Financial Instruments and Fiscal Policy

ILAC Guiding Goal			
Actions for implementation	Johannesburg Goals	Activities	Focal Points, Partners and Timetable
<p>i) Establish a system of economic incentives for productive and industrial projects that conserve natural resources and energy, and reduce the final disposal of effluents that are dumped into the water, soil and air</p>	<p>Support the successful conclusion of the program in the Doha Declaration and the implementation of the Monterrey Consensus, putting the needs and interests of developing nations at the core of respective work programs, including the improvement of market access to products of interest to developing countries</p>	<p>Promotion of the principles of corporate responsibility based on the approach of the Global Compact, with special attention to the contribution of financial institutions and ethic funds to sustainable development.</p> <p>Development of payment systems for environmental services</p> <p>Memorandum of Understanding between UNEP and Caixa Economica Federal (Brazil Public Bank)</p>	<p>UNEP 2006-2007</p> <p>UNEP 2006-2007</p>
<p>Actively promote corporate responsibility, based on the Rio Principles (13)</p>	<p>Actively promote corporate responsibility, based on the Rio Principles (13)</p>	<p>Workshops on fiscal policy and the environment and, in cooperation with ECLAC, regional seminars on fiscal policy and environment.</p> <p>Institutional strengthening of environmental governance in Panama, Costa Rica, Paraguay..</p> <p>Implementation of environmental requirements for free trade (Chile)</p> <p>A series of NGO seminars on environmental aspects of operational priorities (regional)</p>	<p>WB 2006-2007</p> <p>IDB 2006-2007</p> <p>IDB 2006-2007</p> <p>IDB 2006-2007</p>

^(*) Coordinating country.

Countries responsible for the topic: <u>Chile</u> ⁽⁷⁾ , Ecuador, Mexico				
F. Financial Instruments and Fiscal Policy				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
Actions for implementation		Fifth meeting of the Environmental Network of Regional Dialogue on Policy: environmental goods and services	IBD 2006-2007	Three sub-regional meetings were held in Peru, Costa Rica and Argentina, as well as a general one in Washington D.C.
		Promotion of programmes for capacity building and exchanging experiences on sustainable corporate management, emphasizing issues on negotiation capabilities and inclusion of environmental risk in decision-making process	UNEP 2006-2007	
		Workshop on fiscal policy and the environment.	ECLAC UNDP	A meeting that UNDP has convened on 7-8 December 2007 in Panama to Evaluate the Regional Cooperation Framework of that agency is still pending. ECLAC is also invited to the meeting
		Establishment of incentives for the conservation of ecosystemic services with global significance in Argentina	UNEP/GEF 2006-2007	A capacity building workshop for the presentation of the FSP to GEF took place in Resistencia, Argentina

<p style="text-align: center;">Countries responsible for the topic: Chile⁽⁷⁾, Ecuador, Mexico</p> <p style="text-align: center;">F. Financial Instruments and Fiscal Policy</p>				
ILAC Guiding Goal				
Actions for implementation	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
			ECLAC 2006-2007	<p>The workshop "Environmental Economy an Coordination of Public Policies took place in collaboration with UNDP, In Brasilia, Brazil in May 2007</p> <p>Seminar on environmental Governance and Strategies for growth and poverty alleviation in Haiti organized by UNDP (Port au Prince August 2007)</p> <p>Workshop for capacity building on Methodology for the economic, social and environmental evaluation of damages caused by natural disasters</p>

Countries responsible for the topic: Panama ⁽⁸⁾ , Chile, Ecuador, Paraguay, Belize				
G. Climate Change				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
Actions for Implementation AIR POLLUTION i) Reduce the concentration of pollutant emissions in the air	Implement sustainable transportation strategies aiming at increasing energy efficiency, reducing pollution, traffic congestion, and greenhouse gas emissions, consequently reducing their adverse effects on health and the environment	Continued introduction of cleaner production practices into industrial sectors with the objective of limiting pollutant emissions and improving energy efficiency Projects to improve urban transport in cities such as Santiago and Mexico City. Regional dialogue on urban transport: a workshop will be organized to study better practices in urban transport in the Andean region. Preparation and implementation of Prototype Carbon Fund projects to combat climate change in countries such as Chile, Costa Rica and Colombia	UNEP, local Governments WB 2006-2007 WB 2006-2007 WB 2006-2007	Distance learning course on cleaner production and sustainable consumption completed in cooperation of the National Polytechnic Institute of Mexico and the Mexican Center for cleaner production. Fourteen participants from Argentina, Bolivia, Colombia, Ecuador, Mexico, Paraguay and Peru, completed the course in December 2006 The "Forum for global atmospheric contamination" project was approved and will begin in September 2007 See Annex III to the present document See Annex III to the present document. See Annex III to the present document

⁽⁸⁾ Coordinating country.

Countries responsible for the topic: Panama⁽⁸⁾, Chile, Ecuador, Paraguay, Belize			
G. Climate Change			
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and Timetable
Actions for Implementation			Implementation Status
		<p>Support for the Clean Air Initiative to foster the exchange of information and technical assistance to cities of Latin America and the Caribbean (i.e. Mexico City, Lima, Santiago, Sao Paulo, Buenos Aires)</p> <p>Promotion of environmentally sustainable means of transport in medium-sized cities in Chile</p> <p>Promotion of environmentally sustainable means of transport in Managua, the capital city of Nicaragua</p> <p>Promotion of environmentally sustainable means of transport in the city of Valencia, Venezuela</p> <p>Project to reduce greenhouse gases (GHGs) through bicycle transport in the city of Quito, Ecuador</p> <p>Project to reduce GHGs through bicycle transport in the most pertinent urban areas in El Salvador</p> <p>Regional project for energy efficiency in Central America (Costa Rica, Guatemala, El Salvador, Panama, Nicaragua, Honduras)</p>	<p>WB 2006-2007</p> <p>UNDP-GEF 2006-2007</p> <p>UNDP-GEF 2006-2007</p> <p>UNDP-GEF 2006-2007</p> <p>UNDP-GEF 2006-2007</p> <p>UNDP-GEF 2006-2007</p> <p>UNDP-GEF 2006-2007</p> <p>UNDP-GEF 2006-2007</p>
			<p>See Annex III to this document</p>

<p>Countries responsible for the topic: Panama⁽⁶⁾, Chile, Ecuador, Paraguay, Belize</p> <p>G. Climate Change</p>				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
<p>Actions for Implementation</p>	<p>Promote international, regional and national cooperation to reduce air pollution, including transboundary air pollution, acid deposits and ozone depletion, taking into account the Rio principles, which include the concept that given that countries have contributed in different ways to global environmental degradation, they have common but differentiated responsibilities, adopting measures at all levels</p>	<p>Regional project in the Southern Cone: Capacity-building for removing barriers to the cost-effective development and implementation of energy efficiency standards and labeling</p> <p>Regional project in the Andean countries: Capacity-building to remove barriers to the cost-effective development and implementation of energy efficiency standards and labeling</p> <p>Country assistance targeting both public and private sectors in the development of capacities to meet and sustain compliance with the Montreal Protocol on Ozone depleting Substances including: - Refrigerant, management plans</p>	<p>UNDP-GEF 2006-2007</p> <p>UNDP-GEF 2006-2007</p> <p>UNEP, WB, UNDP 2006-2007</p>	<p>Refrigerant management Plans in progress (around 50%) in Ecuador. Completion in 2009</p> <p>In the plan of refrigerant management and total elimination of CFC, UNEP has developed the components of no investments in the following countries, having reached 80% of the goal for the period: Barbados, Belize, Dominica, Grenada, Guyana, Haiti, Saint Kitts and Nevis, Saint Vincent and the Grenadines, Suriname. El Salvador, Guatemala, Honduras, Nicaragua, Panama. Argentina, Chile, Paraguay, Peru. Institutional strengthening Project in Chile (transferred to UNDP in March 2007) and Ecuador (it is expected to be renewed in March 2008).</p>

Countries responsible for the topic: <u>Panama</u>⁽⁸⁾, Chile, Ecuador, Paraguay, Belize				
G. Climate Change				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
Actions for Implementation		<ul style="list-style-type: none"> - Institutional strengthening projects 		<p>UNEP has implemented 22 institutional strengthening projects in Latin America and the Caribbean to support the implementation of the Montreal Protocol. These countries are: Antigua and Barbuda, Bahamas, Barbados, Belize, Bolivia, Dominica, El Salvador, Grenada, Guyana, Guatemala, Haiti, Honduras, Jamaica, Nicaragua, Panama, Paraguay, Peru, Dominican Republic, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines and Suriname.</p>
		<ul style="list-style-type: none"> - Workshops on alternatives to phase out methyl bromide in soil fumigation in Central America 		<p>Two methyl bromide phase-out workshops were held in Ecuador in 2006 and another one took place in June 2007.</p> <p>In 2006 UNEP organized in Antigua, Guatemala an International Workshop on alternatives to methyl-bromide in the production of melon. Representatives of Costa Rica, Guatemala, Honduras and Mexico, and, representatives of United Nations and the Government of the United States of America and Spain, participated in this workshop.</p>

<p style="text-align: center;">Countries responsible for the topic: <u>Panama</u>⁽⁶⁾, Chile, Ecuador, Paraguay, Belize</p> <p style="text-align: center;">G. Climate Change</p>				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
<p style="text-align: center;">Actions for Implementation</p>		<p>- Joint meeting of Ozone Officers and custom Officers in Central America, Caribbean, Andean and MERCOSUR.</p> <p>- Substantive support to the establishment of the Caribbean Refrigeration Association Meeting to discuss CFC alternatives</p>		<p>In 2007, UNEP carried out in San Jose Costa Rica, a sub regional Workshop of one day and a half with the participation of experts of the Technical Options on Methyl Bromide of the Montreal Protocol. The purpose is to update the knowledge on alternatives among government workers and production companies.</p> <p>Periodical Meetings among ozone Officers and customs workers. Other than the internal meetings in the countries, among ozone officers in 2006 UNEP organized a sub regional workshop for Latin America in Honduras. In the Caribbean sub region UNEP planned to carry out a workshop in St Lucia in may 2007 with the purpose of coordinating joint actions in the prevention of Illegal drugs and ozone depleting substances. The second joint workshop will be held in Caracas Bolivarian Republic</p> <p>In order to pursue the implementation of the Association of Refrigerant Technician for the Caribbean to discuss CFC alternatives, four Memorandum of understanding were signed with UNEP and the following governments: Saint Kitts and Nevis, Dominica, Grenada, and St. Vincent</p>

<p style="text-align: center;">Countries responsible for the topic: <u>Panama</u>⁽⁸⁾, Chile, Ecuador, Paraguay, Belize</p> <p style="text-align: center;">G. Climate Change</p>				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
Actions for Implementation		<p>- Meetings of the Ozone Officers Network.</p> <p>Technical assistance for the phase out of selected solvents (Carbon tetra chloride and tri-chloro-ethane).</p>		<p>In the biennium 2006-2007 UNEP has organized two annual subregional meetings English Speaking Caribbean Officers and two others for Latin American workers.</p> <p>Completed in 2006 in Argentina and Mexico</p> <p>Projects for the closing of production of CFC's in Argentina and Venezuela will be completed in 2007.</p> <p>The aerosol industry sector in Ecuador closed in 2006.</p> <p>The elimination of substances that affect the ozone layer in industrial and hospital sterilization processes in Mexico was completed in 2006 with its consumption eliminated at 100%.</p>
		<p>Conduct studies on the cost of environmental degradation with a view to redefining environmental priorities, particularly in reference to the links between health and environment – GEO Health.</p>	<p>WB, UNEP, 2006-2007</p>	<p>Studies were carried out in El Salvador, Guatemala, Colombia and Peru within their Country Environmental Analysis. The same type of study is being initiated in Honduras and Argentina and similar analyses are expected to be conducted in Nicaragua and Panama at the end of the 2008 fiscal year.</p>
		<p>Organization of 30 sub-regional workshops on the four GEF themes, 6 for each of the Environmental Citizenship's Network.</p>	<p>UNEP, IUCN-South, CLAI, CI, AMARC-ALER, PARLATINO, IULA 2006-2007</p>	

Countries responsible for the topic:
Panama⁽⁸⁾, Chile, Ecuador, Paraguay, Belize

G. Climate Change

ILAC Guiding Goal	Countries responsible for the topic: <u>Panama</u> ⁽⁸⁾ , Chile, Ecuador, Paraguay, Belize			
Actions for Implementation	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
<p>VULNERABILITY TO MAN-MADE DISASTERS AND THOSE CAUSED BY NATURAL PHENOMENA</p> <p>i) Implement and strengthen regional cooperation mechanisms for risk management, and mitigation of man made disasters, as well as those caused by natural phenomena, including the design of a regional early warning system and establishment of immediate response groups.</p>		<p>Elaboration of demonstration campaigns in the seven countries participating in the Environmental Citizenship Project.</p> <p>Finalization of a sub-regional study on climate change adaptation in the Caribbean.</p> <p>Substantive support to the organization of an experts meeting on climate change and tropical glaciers.</p>	<p>UNEP, Argentina, Costa Rica, Cuba, Chile, Ecuador, Mexico, Peru 2006-2007</p> <p>UNEP 2006-2007</p> <p>UNEP, CAN 2006-2007</p>	
		<p>Promotion of the implementation of APELL methodology for the prevention of industrial accidents and the creation of awareness in local communities, with special emphasis on the mining, transportation and chemical substance sectors.</p>	<p>UNEP 2006-2007</p>	<p>Letter of Commitment between UNEP, UNDP, CONAM, MINEM (Ministry for Energy and Mining) and Businesses and Entities interested in Peru was signed in September 2006.</p> <p>First meeting to implement the pilot Project in the mining sector of APELL and Social Corporate Responsibility was programmed in Peru for April 2007.</p>
			<p>Follow-up of the reports on climate change impacts in the Caribbean.</p> <p>Continue incorporating the theme of adaptation to climate change in national development strategies (Central America, Cuba and Mexico).</p> <p>Incorporation of climate change risk management, adaptation and mitigation in the English-speaking Caribbean.</p>	<p>UNEP 2006-2007</p> <p>UNDP/GEF 2006-2007</p> <p>UNDP 2006-2007</p>

Countries responsible for the topic: Panama⁽⁸⁾, Chile, Ecuador, Paraguay, Belize				
G. Climate Change				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
		<p>Incorporation of climate change risk management, adaptation and mitigation in the Andean countries.</p> <p>"Investigation of the impacts of climate change on mid-latitude glaciers in the south".</p>	<p>UNDP 2006-2007</p> <p>UNEP-GEF 2006-2007</p>	<p>The PDF-A was concluded during the third trimester of 2007. The MSP is being prepared'.</p> <p>International Symposium on Earth and volcanic ice interactions, Reykjavik, Iceland 19-23 June 2006.</p> <p>A capacity building workshop for the preparation of the MSP from 16 to 18 October 2006 in Valdivia Chile.</p> <p>Chilean Meeting for Antarctic Research and Latin American Symposium on Antarctic research. Concepcion, Chile 16-18 August 2006.</p> <p>Regional Reconstructions on climate variation in South America during the Late Holocene. Malargue, Argentina, 3-8 October 2006.</p> <p>Seminar entitled "Without petroleum and gas, but with ideas", took place in Santiago, Chile on 7 October 2006.</p> <p>Workshop/Seminar "Third Meeting on the Preparation of the Action Plan for the National Strategy on Climate Change" held on 22 November 2006.</p>

<p>Countries responsible for the topic: Panama⁽⁶⁾, Chile, Ecuador, Paraguay, Belize</p> <p>G. Climate Change</p>				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
Actions for Implementation				
		<p>Preparation and implementation of projects on adaptation to climate change in the Caribbean.</p>	<p>WB, OAS 2006-2007</p>	<p>The PDF-B activities are about to be completed. The proposal for the full size project was programmed to be presented at the end of 2006.</p> <p>An expert workshop on Tropical glaciers will be held in the Andean sub-region and a related document will be published during 2007. A MOU is being amended and it is under consideration of UNEP.</p>
		<p>Generation of opportunities for Clean Development Mechanism projects (Bolivia).</p> <p>Action Plan on GHG Mitigation and Carbon Credits (Regional).</p>	<p>IDB 2006-2007</p> <p>IDB 2006-2007</p>	<p>Establishing adaptation to climate change in CARICOM. Project under implementation. Will incorporate climate consideration in public policies. Implementation Status: 54%.</p> <p>Technical cooperation from Switzerland was approved for Bolivia in 2006. In progress.</p> <p>Actions are being prepared for 2007 in the implementation of the Initiative for Sustainable Energy and Climate Change framework approved by the IDB Directorate in February 2007.</p>
		<p>Assistance in facing emergencies caused by climate change in the Caribbean (subregional).</p>	<p>IDB 2006-2007</p>	<p>Actions are being prepared for 2007 in the implementation of the Initiative for Sustainable Energy and Climate Change framework approved by the IDB Directorate in February 2007.</p>

Countries responsible for the topic: Panama⁽⁸⁾, Chile, Ecuador, Paraguay, Belize			
G. Climate Change			
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and Timetable
Actions for Implementation			Implementation Status
		<p>Implementation of natural disaster prevention and mitigation projects such as those related to climate change, principally in countries such as Argentina, (flooding) and Mexico (institutional strengthening), as well as Central America and the Caribbean, and particularly the preparation of a project for the implementation of adaptation measures in coastal areas (SPACC).</p>	<p>Mexico: adaptation measures for wetlands in the Gulf of Mexico. Under preparation.</p> <p>Regional Projects</p> <p><i>Regional Project for adaptation to the climate change impacts.</i> Under execution. Third year.</p> <p>Regional Project in los Andes (Bolivia, Ecuador, Peru): <i>Adaptation to the rapid recession of the glaciers.</i> Under preparation.</p> <p>SPACC. Support efforts of Dominica, Saint Lucia and Saint Vincent and the Grenadines to implement adaptation measures. Project was approved in August 2006 and initiated its implementation.</p> <p><i>Implementation of adaptation measures for coastal ecosystems of great biological relevance.</i> Under preparation.</p>
		<p>National Disaster Prevention and Risk Management Programme (Dominican Republic).</p>	<p>A loan for US\$5 million was approved in December 2006.</p>
		<p>Preventive Management of Natural Risks (Bahamas).</p>	<p>A loan for US\$5 million was approved in December 2005.</p>
		<p>Early Warning and Natural Risk Management System (Ecuador).</p>	<p>A loan for US\$5 million was approved in December 2006.</p>
		<p>Disaster risk analysis by country (Jamaica, Peru, El Salvador and Bolivia).</p>	<p>Evaluations started in 2006 in four countries are in progress.</p>
		<p>Sixth meeting of the Disaster Risk Management Network of the Regional Dialogue on Policy.</p>	<p>Carried out in April 2005 in Washington D.C.</p>

Countries responsible for the topic: <u>Panama</u> ⁽⁶⁾ , Chile, Ecuador, Paraguay, Belize				
G. Climate Change				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
Actions for Implementation		Subregional meetings of the Disaster Risk Management Network of the Regional Dialogue on Policy.	IDB 2006-2007	The Caribbean sub-regional meeting was held in Barbados in June 2006. The Andean sub-regional meeting was held in Bolivia in October 2006.
		Institutional Support for the establishment of the Caribbean Community Climate Change Centre (CCCCC).	UNEP/CCCCC 2006-2007	
		Implementation of project "Strengthening the scientific basis for Climate Change related issues in Brazil".	UNEP, UNDP, National Government 2006-2007	

<p style="text-align: center;">Countries responsible for the topic: Argentina, Belize, Brazil Colombia, Dominican Republic, El Salvador, Mexico, Nicaragua, Panama, Peru, Saint Lucia</p> <p style="text-align: center;">H. Environmental Indicators</p>					
ILAC Guiding Goal	Actions for Implementation	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
	<p>ASSESSMENT AND INDICATORS</p> <p>i) Develop and implement an evaluation process to follow up on the achievement of objectives of sustainable development including the results of the Johannesburg Action Plan, adopting indicator systems of sustainability, at a national and regional level that responds to the social, economical and political issues of the region.</p>	<p>Encourage the initiatives carried out by countries on sustainable development indicators at a national level, including the integration of voluntary gender mainstreaming, and national conditions and priorities.</p>	<p>Contribution to Latin America and the Caribbean for the elaboration of GEO 4.</p> <hr/> <p>Carry out assessments employing the GEO methodology at the regional, subregional, national and municipal levels: - Regional: GEO LAC 2007.</p>	<p>UNEP 2006</p> <hr/> <p>UNEP, governments of the region 2006-2007</p>	<p>The Report is concluded and will be launched at global level on 25 October 2007. The launching in the region will take place in Mexico City, Lima, Santiago and Port au Spain. During the process there were three regional consultations, and one global consultation in Cuba on the subject of scenarios. Almost 150 people between authors, government experts and other institutions.</p> <hr/> <p>The first meeting of the GEO-LAC process took place during 10-12 September of 2007 in Panama, Panama. The sub regional reports GEO MERCOSUR (were carried out in two consultations, one in Chile, and the other in Paraguay, in January and July 2006) and it is under preparation as well as GEO Andino.</p>

<p>Countries responsible for the topic: Argentina, Belize, Brazil Colombia, Dominican Republic, El Salvador, Mexico, Nicaragua, Panama, Peru, Saint Lucia</p>				
<p>H. Environmental Indicators</p>				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
<p>Actions for Implementation</p>		<ul style="list-style-type: none"> - Subregional GEO for MERCOSUR and Andean countries among others. - National: implementation of the revised GEO manual for Capacity Building ("GEO Resource Book) in at least 8 countries. - Municipal GEO for Minas Gerais and Bahia in Brazil among others. <p>Finalization of the GEO National Reports for Argentina, Haiti, Peru, and Venezuela.</p>		<p>From 13 to 15 June 2007 a workshop on regional capacity building on the revised GEO Resource Book in Panama, Panama. In September 2006, the report GEO Chile 2005 was published and between 2006 and 2007, 9 national GEO reports have been started (Barbados, Belize, Chile, Cuba, Dominican Republic, Ecuador, Haiti, Uruguay, and Venezuela) and they will be completed between 2007 and 2009. The reports of Geo Argentina and GEO Peru have been completed.</p> <p>As for GEO Cities reports, the following have been published between 2006 and September 2007:</p> <ul style="list-style-type: none"> GEO GAM Costa Rica (April 2006) GEO San Miguel de Tucumán (May 2007) GEO Santo Domingo (May 2007) GEO Panama City (September 2007)

<p style="text-align: center;">Countries responsible for the topic: Argentina, Belize, Brazil Colombia, Dominican Republic, El Salvador, Mexico, Nicaragua, Panama, Peru, Saint Lucia</p> <p style="text-align: center;">H. Environmental Indicators</p>				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
Actions for Implementation				<p>In their final stage of design and printing, and scheduled for launching in the coming months are:</p> <p>GEO Cienfuegos (Cuba) GEO Holguín (Cuba) GEO Santa Clara (Cuba) GEO Esmeraldas (Ecuador) GEO San Salvador (El Salvador)</p> <p>In Brazil, the technical stage of GEO Cities reports has been completed in: Barabá, Beberibe, Piranhas and Ponta Porá. The team is now working on the design and printing thereof.</p> <p>Between 2006 and 2007 the following new GEO Cities processes have begun: GEO Cobija (2006) GEO El Alto (2006) GEO Cartagena (2006) GEO Georgetown (2006) GEO Córdoba (2007) GEO Canelones (2007) GEO Colonia (2007) GEO Puerto Montt (2007)</p>

<p>Countries responsible for the topic: Argentina, Belize, Brazil Colombia, Dominican Republic, El Salvador, Mexico, Nicaragua, Panama, Peru, Saint Lucia</p> <p>H. Environmental Indicators</p>				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
<p>Actions for Implementation</p>		<p>Specialized Application of GEO methodology.</p> <p>Preparation of GEO Amazonia Production of GEO Scenarios for Central America.</p> <p>Preparation of GEO Brazil series (Forests and Water).</p>	<p>UNEP, governments of the region and special support from GEO CCs 2006-2007</p>	<p>The GEO Amazonia report is under implementation. Two workshops for main actors were carried out in February and May 2006.</p> <p>In November of 2006, a meeting took place in San Salvador under the production of GEO Scenarios for Central America where some draft scenarios will be prepared.</p>
		<p>Strengthening data aspect of the GEO Cities in LAC - capacity building for urban environmental Statistics and indicators.</p> <p>Implementation of the GEO for Youth assessment and capacity building activities.</p>	<p>UNEP/ROLAC 2006-2007</p> <p>UNEP, non-governmental partners, governments of the region 2006-2007</p>	<p>The GEO Youth Cuba report was published in October of 2006. The GEO Youth National for Brazil (Oct. 2007), Chile (Dec 2007), Colombia (Dec 2007) and Caribbean sub region; also soon to be published is the GEO Youth Methodology for Latin America and the Caribbean. The GEO Youths for Ecuador and Panama are at advanced levels. Under preparation are GEO Youth Mexico City and GEO Youth Morelos. GEO Youth Paraguay and GEO MERCOSUR will start soon.</p>

<p align="center">Countries responsible for the topic: Argentina, Belize, Brazil Colombia, Dominican Republic, El Salvador, Mexico, Nicaragua, Panama, Peru, Saint Lucia</p> <p align="center">H. Environmental Indicators</p>			
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and Timetable
Actions for Implementation			Implementation Status
		<p>Implementation of pilot projects for testing the draft integrated assessment methodology for health and environment and for assessing the impacts of environmental problems on health (GEO Health); and regional assessment of environment and health in LAC:</p> <ul style="list-style-type: none"> - Pilot projects in three areas to finalize the methodology (Argentina and Brazil). - Fund raising for carrying out GEO Health in LAC. - Pilot Projects at three different sites to end the methodology (Argentina and Brazil). <p>Support to Millennium Development Goals National Reporting.</p>	<p>UNEP, PAHO, Governments of the Region, technical partners 2006-2007</p>
			<p>UNEP, UNDP, ECLAC 2006-2007</p>
			<p>UNEP-ECLAC work meeting about the complementary indicators of MDG 7 (Santiago, Chile; November 2006).</p> <p>Workshop on indicators for sustainable development. Bogota Colombia June 2007. This workshop was carried out with support from the World Bank.</p> <p>Study for the Evaluation of development strategies to obtain the MDG. In the case of Chile, the study was carried out with UNDP.</p>

Countries responsible for the topic:
Argentina, Belize, Brazil Colombia, Dominican Republic,
El Salvador, Mexico, Nicaragua, Panama, Peru, Saint Lucia

H. Environmental Indicators

ILAC Guiding Goal	<p>Countries responsible for the topic: Argentina, Belize, Brazil Colombia, Dominican Republic, El Salvador, Mexico, Nicaragua, Panama, Peru, Saint Lucia</p> <h2>H. Environmental Indicators</h2>			
Actions for Implementation	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
	<p>Promote work on indicators, in accordance with paragraph 3 of Decision 9/4 of the Commission on Sustainable Development.</p>	<p>Continue with the revision and monitoring of ILAC indicators.</p> <ul style="list-style-type: none"> - Finalize the methodology sheets for all 38 approved indicators. - Support towards national application of ILAC indicators upon request (Argentina, Cuba, El Salvador, Peru, Saint Lucia, Colombia, etc.). By 2007 at least 15 countries would be completed the application of ILAC indicators at the national level. - Develop methodology sheets for the 12 new indicators proposed. - Strengthen the network of national focal points of ILAC. <p>Conduct a study on indicators used by the LAC countries.</p> <p>Support to the Technical Assessment Committee on geospatial information and observation of the earth that has been created with the support of the Forum of ministers of Latin America.</p>	<p>UNEP Costa Rica, Governments of the region 2006-2007</p> <p>UNEP, ECLAC, Government of Costa Rica 2006-2007</p> <p>UNEP, ECLAC, Government of Costa Rica 2006-2007</p>	<p>The Working Group on Environmental Indicators, met in Panama on 4 and 5 July of 2007. The progress made with the indicators was reviewed and the corresponding methodology. Out of 49 indicators, 11 of them have their methodology sheets finalized. All others are under discussion between members of the Working Group.</p> <p>Through CATHALAC, Panama has undertaken the coordination for the preparation process of the proposal of the work of the Technical Assessment Committee created by the Forum within the GTIA. The first meeting was organized in 2006 and another on 6 July 2007 where the work plan and the ILAC thematic areas was revised every participating agency will participate in the preparation of the methodology sheets.</p>

<p style="text-align: center;">Countries responsible for the topic: Argentina, Belize, Brazil Colombia, Dominican Republic, El Salvador, Mexico, Nicaragua, Panama, Peru, Saint Lucia</p> <p style="text-align: center;">H. Environmental Indicators</p>				
ILAC Guiding Goal				
Actions for Implementation	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
		<p>Continue with the construction of the GEO LAC Data Portal.</p> <p>Achieve a consensus among the national focal points about the services that should be offered by the regional portal.</p> <p>Collaborate and start the integration of existing initiatives of environmental information such as the Meso American Environment Information System (SIAM), SERVIR, among others.</p>	<p>UNEP, ECLAC, Government of Costa Rica 2006-2007</p>	<p>In July 2007, with the cooperation of CATHALAC, a process was started intended to reestablish the on-line data portal, some of which functions are already in operations.</p> <p>During the meeting of the Working Group on Environmental Indicators held in July 2007, the possibility was discussed of integrating the portal with SERVIR, and to make the portal's platform adaptable to national platforms apt for sub-national segregations.</p>
		<p>Continue with the efforts to institutionalize the activities on environmental information in all countries in LAC with support of the Interagency Technical Committee of the Forum of Ministers.</p>	<p>UNEP, ECLAC, Costa Rica Government, Governments of the Region 2006-2007</p>	<p>See Footnote (9) .</p>

(9) Most of these activities have been as an example in the framework of the ECLAC Collaboration Agreement. The formulation of the Sirea project has been carried out jointly and it is in the stage of searching for financing to meet the petition of the Forum

This year the second expert meeting was held in ECLAC branch in Santiago to deal with the topic on indicators, highlighting the analysis of indicators complementary to the seventh Objective of the Millennium Goals to Guarantee Environment Sustainability. As a result of the workshop, a proposal was prepared that will be submitted for consideration of the LAC countries

A workshop for Sustainable Development indicators was held in the city of Aguascalientes Mexico in October, jointly with INEGI with the participation of 84 students of diverse Mexican government dependencies.

In December 2006, a workshop was held on the Distance Learning course on Basis for Urban sustainable Environment Management in Panama together with the UNEP Cities Network, held by municipal public officials of Central America.

In regards to natural disasters, ECLAC Mexico has prepared methodological guides for the evolution of ex and post natural disasters.

<p>Countries responsible for the topic: Argentina, Belize, Brazil Colombia, Dominican Republic, El Salvador, Mexico, Nicaragua, Panama, Peru, Saint Lucia</p> <p>H. Environmental Indicators</p>				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
<p>Actions for Implementation</p>		<p>Implementation of the UNEP-ECLAC Framework Cooperation Agreement in the field of environmental information and statistics.</p> <ul style="list-style-type: none"> - Finalize the proposal of a SIREA project to strengthen capacities and promote collection and harmonisation of data and indicators at the national level. - Formulate a strategic plan for the implementation of SIREA and the construction of national capacities. - Collect national data and indicators for the use of the Forum. <p>Support to the Advisory Group on geo-spatial information that has been established to support the LAC Forum of Ministers.</p>	<p>UNEP and ECLAC 2006-2007</p> <p>UNEP, Costa Rica, Panama, technical partners 2006-2007</p>	

<p align="center">Countries responsible for the topic: Argentina, Belize, Brazil Colombia, Dominican Republic, El Salvador, Mexico, Nicaragua, Panama, Peru, Saint Lucia</p> <p align="center">H. Environmental Indicators</p>				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
Actions for Implementation		<p>Development of the network for training in the analysis and use of satellite information and other geospatial and georeferential applications, which is necessary to strengthen South-South cooperation:</p> <ul style="list-style-type: none"> * Develop a platform to share satellite and geospatial information among countries through expert institutions with the capacities to use and manage such type of information. * Create a network of centres with technical capacities to manage geospatial and satellite information. * Strengthen the mechanisms for access to the information. * Establish mechanisms to share processed information. * Develop and publish an Atlas of Regional Environmental Change in LAC. <p>Continued organization of meetings of experts and training workshops/courses on environmental indicators.</p>	<p>UNEP and Panama, technical partners 2006-2007</p>	<p>In its work program, the TAC has included training activities for the preparation and use of satellite information and other geospatial applications within a South-South cooperation frame among regional countries.</p> <p>A meeting was called upon with representatives of the Advisory Technical Committee on geospatial information and land observation (Panama City, Panama; October 15 and 16, 2007) with a view to setting up a platform for exchanging data and agreeing on exchange standards.</p> <p>The TAC stands as a core of a network of centers having technical capacities to manage satellite and geospatial information.</p> <p>A meeting was held with the representatives of the Advisory Technical Committee to develop a Regional Atlas on Environmental Change, in ALC in Panama, scheduled for October 17-18 of 2007.</p>
			<p>ECLAC, WB, SIDA 2006-2007</p>	

<p>Countries responsible for the topic: Argentina, Belize, Brazil Colombia, Dominican Republic, El Salvador, Mexico, Nicaragua, Panama, Peru, Saint Lucia</p> <p>H. Environmental Indicators</p>				
ILAC Guiding Goal	Johannesburg Goals	Activities	Focal Points, Partners and Timetable	Implementation Status
<p>Actions for Implementation</p> <p>VULNERABILITY AND RISK MANAGEMENT</p> <p>i) Refine and application of vulnerability indicators</p> <p>ii) Incorporation of indicators to the national development plans</p> <p>Methodology for natural disasters assessment</p>			ECLAC Mexico.	

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Annex I

UNEP/ROLAC activities related to Environmental Education and Capacity-Building issues

Activity	Status
Development of a work plan and the operational structure of the Latin American and Caribbean Environmental Education Program (PLACEA)	UNEP-backed development of the Andean – Amazonian Environmental Communication and Education Plan (PANACEA)
Elaboration of prototypes of environment-related educational texts for use in basic formal education	The texts have been written and their design completed. These will be sent out for printing in October 2007 and will be submitted at the next meeting of the Forum of Ministers of the Environment
Establishment of the Knowledge and Socio-Environmental Care Center of the Plata Basin, in cooperation with Itaipú Binacional, the Itaipú Technology Park and the Ministries of the Environment of the Plata Basin countries	The center was officially established in November 2006 and began operations in 2007. A participative training program has been designed and will be offered in 2008 – 2009
Training courses and workshops for teachers and educators of formal and informal educational systems. Development of the UNEP – CTERA environment-related distance education course	Completion pending
National, regional and sub-regional congresses on environment-related education	Support for and participation in the 5 th Latin American EA Congress held in Brazil on April 2006. EA seminars and gatherings, organized as part of the Decade of Education for Sustainable Development, in Colombia, Guatemala, Mexico, Peru and Uruguay
Technical support and assistance for the creation of post-graduate courses on the environment and development	Assistance in the development of a distance course on the ecological economy of water (UNAM, Mexico)
Establishment of a network of universities and post-graduate courses on the environment and sustainable development	Steps taken at the 5 th Latin American EA Congress (April 2006) and the 4 th Seminar on the University and the Environment (Environment-related Training Network, Colombia, October 2007)
Workshops on education and training for the community	Community training project aimed at the conservation of biodiversity and sustainable natural resource management completed (UNEP/SERMARNAT/CONAIBO), Renegotiation and extension of the project
Four sub-regional (MERCOSUR, Central America, Andean region and the Caribbean) and one national (Haiti) workshop on environment-related journalism and communication for sustainable development and new information technologies	The workshops were offered in Lima, Mexico City, Montevideo, Panama City and La Paz. The workshop in Haiti will be offered in November
Training and journalism courses in Central American schools, as part of the UNEP Radio Project, in cooperation with UNIFEM Mexico	A workshop on the environment, gender and communication, aimed at women employed by NGOs in Central America and Mexico, was offered
University courses on environment-related journalism in Central America and Mexico	A diploma course on journalism and the environment was offered in cooperation with the Universidad Iberoamericana (Mexico)

Activity	Status
Training courses for operators of the Latin American and Caribbean Network of Environment-related Video Libraries	Scheduled for November 2007
Establishment, at the sub-regional level, of the environment network for young people in Latin America and the Caribbean	Four sub-regional workshops were offered under project TUNZA in Lima, Montevideo, Panama City and Guyana
Four sub-regional workshops on access to justice in environment-related matters	A Meso-American and South Cone workshop were offered. A Memorandum of Understanding for the organization of Caribbean workshop was signed with the De West Indies University. Four Parlatino workshops were offered as part of the Global Environmental Citizenship Project (Buenos Aires, Mexico, Lima and Havana)
Third Regional Latin American and First Caribbean Environment-related Training Program	
Distance courses on cleaner production methods and sustainable consumption, based on the training program for increasing the capacity of UNEP's cleanest production centers	
Training of extensive protected area coordinators in Latin America and the Caribbean	

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Annex II

World Bank Report on the Progress regarding the Execution of Projects for the Implementation of Studies and Technical Assistance for the Improvement of Efficient Water Use and Management

Country	Title of Project	Objectives	Implementation
Argentina	Infrastructure in Buenos Aires	(Among others): to improve accessibility to drinking water and sanitation for the poor population	11%
	Water Sector Reform	To support the water sector reform and sanitation in Argentina by promoting efficiency in finance operations in water utility offices, support the establishment of solid regulation frames for the sector, deal with universal and environment issues related to the sector.	100%
Brazil¹⁰	Sustainable Brasilia	(Among others): to improve the quality of water in two main rivers of the Brasilia region	Starting.
	Betim Municipality	(Among others): to protect water resources in the Betim river basin and expand related urban infrastructure.	40%
	PROSANEAR	To obtain distribution of integrated drinking water services and sanitation through local government agencies.	43%
	Programme to Modernize the Sanitation Sector (PMSS)	To increase the efficiency of the drinking water sector and sanitation, reinforce regulations and promote participation of private initiative.	40%
Chile	Infrastructure for Territorial Development	(Among others): to finance the rehabilitation of the infrastructure that provides drinking water and sanitation in rural poor zones.	5%
Colombia	Cartagena Drinking water supply and Sanitation	To improve drinking water supply and sanitation services in the poor population, mainly by expanding the service coverage, facilitate the cleaning of water in the Cartagena region; improve sustainability of water supply services and sanitation.	65%

⁽¹⁰⁾ Currently a national study is being financing for the development of policies and strategies for integrated water services and sanitation in urban and peripheral poor zones.

Country	Title of Project	Objectives	Implementation
	Water Sector Reform	To support the water sector reform by promoting private sector participation; expanding the water service and sanitation coverage; facilitating accessibility to water services and sanitation for the poor population.	67%
	Infrastructure and Water Management and Sanitation in La Guajira	To improve the quality of water services and sanitation in urban and peri-urban areas of la Guajira, towards the supply to 100% of the population.	Under preparation
	Support for the Water and Sanitation Sector	To improve the supply of water and sanitation in Colombia in a sustainable and financially efficient manner, by subsidies on investments for coverage expansion and improvement of the quality of services in poor areas.	9%
	Investments for Sustainable Development	(Among others) To incorporate environmental consideration in sector policies that result in high costs and environment degradation; implementation of policies for integrated management of water resources	38%
Dominican Republic	Water Infrastructure and Sanitation in Tourist Regions	To support the development and implementation of water services and sanitation; increase the management quality, efficiency and sustainability of water services and sanitation.	Under Preparation
Guyana	Consolidation of the Water Sector	To support the universal access to drinking water, especially for the poor population, help the consolidation of modernization and reform of the water sector.	11%
Haiti	Water Supply and Sanitation in Rural Areas	To increase the access to water services and sanitation in rural communities.	Starting operations.
Honduras	Rural infrastructure	To improve access, quality and sustainability of infrastructure services (water, among others) to rural poor communities; government capacity building to supply services according to local demand.	7%
Mexico	Technical Assistance programme to Improve the efficiency of the Drinking Water Sector and Sanitation	-Training on processes for acquisition of multilateral institutions -Meetings have been held with new authorities of CONAGUA, after presidential elections in 2006. The new authorities confirmed that they are going to use resources from the project to promote some of the priorities of the water sector in the new government.	

Country	Title of Project	Objectives	Implementation
Panama	Water Supply and Sanitation in poor Communities	To improve access to water services and sanitation with investments and development of sector policies.	Under preparation
Peru	Water Rehabilitation and Management in Lima	To rehabilitate the existing water and sanitation system, expand the water supply service and sanitation in the poor region of Pueblos Jovenes; promote the conservation of water, support legal and institutional reform in the water sector, improve efficiency and quality of services of SEPADAL (Drinking Water and Sewer Services of Lima).	The project disbursed a foreseen amount, financing US\$150 million on work and services. To complement the work, an additional loan for US\$20 million was approved. <u>From the additional part about 21% is completed.</u>
Peru	National Supply of Water and Sanitation in Rural Areas	To increase the coverage and sustainable use of water services and sanitation in rural areas and small cities, while adopting hygienic practices and operation and maintenance training.	18%
Saint Lucia	Improvement of infrastructure for Water supply	To alleviate insufficient water supply in the north region of the country, with investments in infrastructure, invest in infrastructure to guarantee the economical sustainability of the system and promoting the participation of the private sector in joint collaboration of the government.	60%

Annex III

Status of Implementation of the World Bank projects in Latin America and the Caribbean (2006-2007)

Section B. Water Resources

I. Water Supply

1. Actions for implementation: improve technology to increase the efficiency of industrial and agricultural water use, and of household consumption.

Carrying out studies and providing technical assistance for the improvement of water use efficiency and its integrated management.

- Extend coverage

Argentina

Infrastructure project for Buenos Aires province. Objective: relieve poverty and contribute to social equity through modifications to the provincial infrastructure.

Brazil

*Work with local agencies on provision of drinking-water and sanitation services under the **PROSANEAR national programme** addressing the needs of low-income groups.

*"**Environmentally-sustainable Brasilia**" project. Objective: reduce the inequalities and ensure water quality so as to meet the needs of Brasilia's Federal District and metropolitan area.

Colombia

***Project covering drinking-water supply**, sanitation and environmental management in Cartagena: extend service coverage to the city's poorest citizens.

***Water-sector reform support project.** Objective: extend service coverage to the lowest-income groups in the participating boroughs.

***Project relating to infrastructure and management of water and sanitation services** in La Guajira. Objective: improve service quality in La Guajira's urban districts and suburbs.

Guyana

***Water-sector consolidation project.** Objective: promote universal, safe and convenient access to water for the entire population of Guyana, especially its poorest sections.

Haiti

***Rural water-supply and sanitation project.** Objective: increase access to and use of drinking water and basic sanitation services among the participating communities.

Panama

***Project covering water supply** and sanitation for low-income communities.

Peru

***National water-supply and sanitation project.** Objective: increase coverage and sustainable use of water-supply and sanitation services, especially in rural areas and among small communities.

***Rehabilitation and management of the water-supply system in Lima.** Objective: extend coverage of water-supply and sanitation services to those living in Lima's suburbs.

Saint Lucia

***Project to improve the water-supply infrastructure.** Objective: relieve the water shortage prevailing in the north of the country.

- Efficiency and Quality Improvement

Brazil

***Water-sector modernization project.** Objective: efficient operation in the drinking water and basic sanitation sectors.

***Project covering management of water supply and coastal pollution in Espirito Santo state.** Objective: improve management of water supply and coastal pollution by the state agency Agua de Espirito Santo (CESAN). Extend service coverage.

Colombia

***Support project in the water-supply and sanitation sector.** Objective: improve service provision on an efficient and financially-sustainable basis.

***Project covering drinking-water supply and sanitation services in rural areas and small urban settlements.** Objective: increase coverage and encourage efficient use of water-supply and sanitation services.

Honduras

***Water-supply and sanitation sector modernization project.** Objective: improve water-supply and sanitation services in terms of sustainability, efficiency and reliability.

Mexico

***Project for integrated modernization of irrigation.** Supports the Mexican government's adoption of a new model for increasing the competitiveness of irrigation in agriculture and efficient use of water for irrigation in both irrigation districts and irrigation units.

***The 'México Agua Programática' project.** This is now in its third stage. The end product will be a set of policy tools designed to facilitate the Mexican government's new administrative reforms.

Peru

***Irrigation sub-sector project.** Objective: contribute to increasing production and raising productivity in irrigation agriculture on the Peruvian coast, with a view to improving the quality of life of farmers whose situation is declining into poverty

2. Carrying out studies and providing technical assistance for the improvement of water use efficiency and its integrated management

Annex II of this report includes detailed information on the progress of projects in diverse countries of the region.

Brazil

***Projects: Integrated management of CEARA water resources; federal management of water resources.** Objective: promote rational, sustainable use and participative management of Brazil's water resources, especially in the north-east.

Mexico

***Water sector strategy.** Objective: analyze the political, institutional and regulatory restrictions affecting participation by private investors in municipal water-supply and sanitation services in urban areas. Review the effectiveness of the Mexican government's current programmes for modernizing the sector.

***Technical support project for water-supply and sanitation sector modernization.** Objective: develop tools and instruments for encouraging local authorities to improve the financial sustainability and efficiency of water-supply and sanitation services.

Uruguay

***Technical support for modernizing public services.** Objective: improve the efficiency, sustainability and accessibility of services, based on policies and legislative frameworks, private-sector participation, intensified competition between service providers, promotion of a business-oriented approach to service provision, ensuring access to the service by the most vulnerable sections of the population and greater financial efficiency and sustainability in the sector.

Marine and Coastal Management and Resources

Execution of a project on change and physical destruction of habitat in the Caribbean region. Implementation of various projects in the Caribbean focused on prevention and mitigation of natural disasters, including operations in Saint Lucia, Saint Kitts and Nevis, Dominica and Grenada, among others.

Haiti

***Recovery from emergencies and disaster management.** Objective: strengthen national capacity for management of risks associated with natural disasters; improve response to the emergencies generated. Reduce the vulnerability of communities by identifying risks and defining mitigation measures.

Honduras

***Mitigation of the effects of natural disasters.** Objective: improved capability for reducing vulnerability to natural disasters as borough level, involving capacity-building at national level for providing assistance to local governments, and promoting measures to reduce vulnerability of boroughs in high-risk areas. Stage of implementation: 95%.

Nicaragua

***Reduction in vulnerability to natural disasters.** Objective: improve ability to cope with natural disasters by strengthening institutional disaster-management capacity at national level, building capacity for mitigating the effects of such events at national level, promoting awareness of and forethought for natural disasters, building local capacity for managing emergencies, and implementing disaster reduction and mitigation measures at local level. Stage of implementation: 82%.

Saint Lucia

***Reduce the vulnerability of the country to hurricanes, floods and similar natural phenomena by investing in risk-management activities.** Objective: strengthened infrastructure for resisting the impact of natural disasters; greater response capability in the event of any natural disaster. Strengthen the institutional capacity of the agencies and ministries involved in the management of disasters.

Regional

***CGCED (Consultative Group for Caribbean Economic Development) - Management of natural disasters in the Caribbean.** Objective: A comprehensive framework for management of natural disasters in the Caribbean, for presentation to the next meeting of the CGCED.

***Strategy for natural-disaster risk management and reduction in Central America.** Probability analysis of risks to identify strategic risks and formulate risk-reduction strategies.

Section D. Renewable energy

1. Implement in the region the use of at least 10% of the renewable energy of the total energy percentage in the region for 2010

Implementation of projects that support the introduction of cleaner production, with special emphasis on the use of renewable energy (UNEP, WB; 2006-2007)

Argentina, Brasil, Colombia, México y Uruguay

***Projects for landfill gas (LFG) extraction and burn systems.** Objective: Improve final disposal of solid urban waste, involving extraction and burning of methane from landfill gas. Stage of implementation: Except in the case of Uruguay, the projects are at the preparatory stage; the project in Uruguay is being implemented.

Argentina

***Renewable energy in the rural market.** Objectives include: sustainable provision of energy services to non-interconnected rural communities using renewable-energy systems; promotion of wind-power systems for energy supply to homes; greater knowledge of applications of renewable-energy systems and promotion of their adoption.

Bolivia

***Decentralized energy for universal access.** Objective: implement agreements for household solar energy systems, developed under another Bank project in 9 Bolivian departments.

***Support for small-scale, non-interconnected energy suppliers.** Technical support programme; enhance, diversify and expand access to energy in rural areas.

Brasil

***PLANTAR project, Minas Gerais state.** While the project's objective is to reduce carbon emissions, it is to be implemented by replacing fossil fuel with renewable energy.

***Sugarcane bagasse co-generation project.** Objective: replace electricity generated by thermal plants with energy from sugarcane bagasse and other renewable sources.

***Co-generación of timber waste at Lages.** Objective: replace electricity generated by thermal plants with energy from renewable sources such as timber waste at certain processing plants, and other suitable wastes, in Santa Catarina state.

***Biodiesel study.** Evaluation as an input to policy-making of the economics of producing and using biodiesel.

Chile

***Generation of renewable hydroelectric energy.** Hornitos Project; Quilleco Hydroelectric Project.

Colombia

***Jepirachi Project.** Wind-power generation of 19.5 MW electricity.

***Environmental services at Río Amoyá.** Hydroelectric generation of 90 MW electricity; profits to be reinvested in conservation of the upper part of the basin at Páramos de las Hermosas, and in a social investment programme.

***Review of the regulatory framework for renewable energy.** Contribute to formulation of a national regulatory framework to include various initiatives for cost-effective development of renewable energy sources.

***Identification of policies for renewable energy sources.** ESMAP (Energy Sector Management Assistance Program). Support Colombian government initiatives to evaluate and frame policies addressing the obstacles to use of non-conventional renewable energy sources.

Ecuador

***Hydroelectric projects.** There are currently three private hydroelectric plants, at Abanico, Sabanilla and Sibimbe, providing 50.8 MW of installed capacity, which avoid emission of greenhouse gases.

Honduras

***La Esperanza hydroelectric project.** Objective: improve access, quality and sustainability of energy services by means of electrification projects in non-interconnected areas.

Mexico

***Hybrid solar-thermal energy plant.** Objective: demonstrate and promote replication of generating systems based on integrated solar combined-cycle systems.

***Development of a large-scale renewable-energy project.** Objective: remove the present obstacles to development of renewable-energy technologies and markets for these.

***Waste management.** Planned generation of 9 MW electricity for supply to the Nuevo León community, from construction of a landfill gas (LFG) extraction and burn plant.

***Energy security and climate change.** The project defines and evaluates energy security and its relation to policies concerned with climate change in Mexico, including questions of energy diversification, energy efficiency and renewable energy.

Nicaragua

***Electrification in non-interconnected rural areas ('PERZA').** Objective: support the provision of electricity-supply services on sustainable bases and strengthen institutional capacity for implementing the rural electrification strategy, by formulating and implementing a strategy and implementing public/private electrification mechanisms in various pilot sites in non-interconnected areas.

***Improvement of small-scale electricity supply.** Technical support for three areas: A) Biomass - develop technologies and markets for generating energy from biomass sources; B) Hydroelectric energy; C) Solar power (photovoltaic) for remote users.

Peru

***Ponchos hydroelectric project.** Development of small private hydroelectric projects.

***Projects: Rural electrification, Santa Rosa hydroelectric scheme, small-scale hydroelectric generation.** Objective: use renewable sources for energy supply in rural areas; reduce emissions of greenhouse gases.

***Recovery of landfill gas (LFG).** Objective: meet the energy requirements of the Huycoloro community, involving construction of an LFG extraction and burn plant.

Section G. Climate Change

1. Reduce the concentration of pollutant emissions in the air

Projects to improve urban transport in cities such as Santiago and Mexico City.

Argentina

***Buenos Aires urban transport project.** Formulation of a strategy for urban transport in the city's larger metropolitan areas. The project was approved in March 2007.

Brazil

***Fortaleza Metropolitan Transport project.** Improve the quality of this city's urban transport, based on: development of the regional transport coordination commission; rehabilitation of the 'West' metro line; transfer of the STU/FOR system from the federal to the state government; and increased private-sector participation in the operation and management of the Metrofor system

***Line 4 of the Sao Paulo metro.** Improve the quality and long-term sustainability of the urban transport system by constructing Line 4. The project is being implemented.

Chile

***Sustainable transport and air quality in Santiago.** Promote a changeover to more efficient and less polluting means of transport and adoption of the transport-sector measures needed to reduce greenhouse gases. The project has been underway since 2003. 73% of the budget has been spent to date.

Colombia

***Integrated transport systems.** Objective: Develop Bus Rapid Transport Systems (BRTSs) in large towns and the cities; improve access to the system by the poor sections of the population by providing parallel services and tariff integration; build capacity at national level for framing integrated transport policies. Stage of implementation: 75%.

Mexico

***Bus Rapid Transport System in Insurgentes, Mexico City (Metrobus).** This is a Carbon Finance project which contributes to reducing vehicle emissions in Mexico City's metropolitan areas by establishing a first mass-transport corridor in Avenida Insurgente, accompanied by the relevant traffic-management arrangements.

Perú

***Transport in Lima.** Objective: Improve economic productivity and quality of life in Lima by facilitating mobility and access to an efficient, reliable, cleaner and safer transport system. The project's funding sources included the Global Environment Facility, given that it specifically addresses reduction of greenhouse gases

Preparation and implementation of Prototype Carbon Fund projects to combat climate change in countries such as Chile, Costa Rica and Colombia

Bolivia

***Project of Capture of Methane on Waste Waters.** Under implementation.

Colombia

***Jepirachi wind power project.** Underway since 2003.

- ***Río Amoyá environmental services Project.** Under construction.
- ***Furatena energy efficiency in agroindustry.** The ERPA (emission reduction purchase agreement) was signed in fiscal year 2007; being implemented.
- ***Reduction of greenhouse gases in water treatment at Río Frío.** Under construction.
- ***Carbon sequestration and protection of threatened species at San Nicolás.** The project was approved in fiscal year 2007 and is currently being implemented.
- ***Carbon sequestration in the Sabana Caribeña. Approved** in the fiscal year 2007.
- ***Project for landfill gas (LFG) extraction and burn at Cartagena.** At the preparatory stage.
- ***National integrated adaptation project.** Currently in its second year of implementation.

Chile

- ***Carbon Finance.**
- ***Composting in Santiago** (*sustainable waste management*). In operation.

Mexico

- ***Project for adaptation to the impact of climate change in the Gulf of Mexico's wetlands.** At the preparatory stage.
- ***Project for extraction of methane from landfill gas.** In operation since 2002.
- ***Solid-waste management project.** As a result of the earlier project, an ERPA was signed and it is planned to expand the generating plant.
- *Various activities under preparation in Colombia, Mexico and Trinidad and Tobago.

Support for the Clean Air Initiative to foster the exchange of information and technical assistance to cities of Latin America and the Caribbean (i.e. Mexico City, Lima, Santiago, Sao Paulo, Buenos Aires)

Clean Air Institute

*The Clean Air Institute was established in July 2006 to manage and coordinate the Clean Air Initiative in cities of Latin America. Breakthrough Technologies (BTI) is housing the Institute and Sergio Sánchez is coordinating efforts. Mario Molina (Nobel prize winner) and Alan Lloyd (former Chairman of the Air Resources Board of the State of California, in addition to other personalities, agreed to participate as technical advisers to the Institute.

Study on Vulnerability to Air Pollution in Latin America

- *Objectives: to provide a rapid review of the capacity of the largest urban centres in the region to monitor air quality; to indicate the vulnerability to air pollution in more than 100 urban centres in Latin America. State of Execution: 100% completed.
- *The Institute received financial support from the Hewlett Foundation to prepare a multi-annual business plan and to attract new donors. The Institute is involved in the preparation and execution of the GEF Regional Project on Urban Transport and Air Quality and will help to coordinate efforts in different cities, analyse impacts and assist in supervising the project.