



NEPA's Projects Inventory

September 30, 2006

NEPA's PROJECTS INVENTORY

The work of the Agency has been significantly enhanced through the continued support of **donor funding** such as that provided by the United States of America International Development (USAID), Canadian International Development Agency (CIDA), the Inter-American Development Bank (IDB) and the United Nations Development Programme (UNDP). The NEPA projectizes some activities within its operations in a bid to enhance capacity building of the Agency and other affiliated Agencies and Ministries. The projects have contributed significantly to the process of environmental protection, physical planning, enforcement, education and training.

CURRENT PROJECTS					
	PROJECT NAME & PMU INFORMATION	PROJECT DURATION	PROJECT BUDGET	COMPONENTS/ACTIVITIES	STATUS
1	PHASE-OUT OF OZONE DEPLETING SUBSTANCES Programme Manager: <i>Ms. Nicol Walker</i> Administrative Assistant: <i>Mrs. Carole Miles</i> Support Staff: <i>Ms Claudette Edwards</i>	EXTENDED TO DECEMBER 2006	UNDP- US\$140,000.00 <i>(INITIAL)</i>	A. Terminal phase out management plan (TPMP) for CFCs – retrofit replacement programme	<ul style="list-style-type: none"> • Monitoring of Phase Out programmes for CFCs conducted in collaboration with relevant Government agencies ongoing • Programme to retrofit/replace CFC-based equipment implemented. Meetings are ongoing with prospective applicants for the incentive award to retrofit or replace equipment. • Several applications have been received for financial incentive and awards approved. • Workshops held to provide information
		April 2006	Environment Canada – US\$62,749.00	B. Methyl bromide phase out project	<ul style="list-style-type: none"> • The alternative to methyl bromide, ECO2FUME, was registered by the Pesticides Control Authority (Jamaica) • Contribution agreement signed by Jamaica and Canada • International Consultant contracted • Funds received from EC to commence project activities
		Feb. 1997-Feb. 2006 (Extended to Feb. 2008)	GOJ – US\$1,480 UNEP – US\$60,000	C. Institutional strengthening for the implementation of the Montreal Protocol Project in Jamaica	<ul style="list-style-type: none"> • Institutional Strengthening for the implementation of the Montreal Protocol Project ongoing. • On-going Public Education Programme Performance Reports submitted to UNEP. <i>Reports include International Ozone Day celebrations, Radio and TV interviews conducted, newspaper feature printed and exhibitions mounted.</i>
		?	Environment Canada	D. Terminal phase out management plan (TPMP) for CFCs – good practices in Refrigeration	<ul style="list-style-type: none"> • One hundred and fifty (150) refrigeration technicians trained • Code of Good Practice for Refrigeration Technicians published. Distribution to technicians ongoing. • Assistance received to purchase equipment for

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	PHASE-OUT OF OZONE DEPLETING SUBSTANCES PROGRAMME <i>CONT'D</i>				<p>the commercial, industrial & domestic refrigeration and air conditioning sector. All recovery and recovery/recycling machines have been assigned.</p> <ul style="list-style-type: none"> • Consultant preparing report no use of all equipment donated
		Completed		E. Regional Halon Project	<ul style="list-style-type: none"> • Public Education Component for the Regional Halon Bank Management Plan Component completed. Booklets and CDs on Halon management produced and distributed to twelve (12) regional Ozone Units, UNEP and Environment Canada • Consultant hired to update Halon Inventory undertaken in 2000.
		2004- Sept. 2006	UNDP – US\$25,000	F. Technical assistance umbrella project for phase out of ODS sterilants and solvents	<ul style="list-style-type: none"> • Project for the Formulation of the Solvent Sectoral Phase-out Plan Successfully completed and implemented. • Consultant hired to carry out activities under the Project to phase out ODS sterilant and solvent • Meeting with sterilant stakeholders conducted • Two reports received from Consultant on the solvent and sterilant sectors • Public Awareness materials developed and distributed • Project ended in September 2006
2	<p>DEVELOPMENT ORDERS Project Objective: Preparation of Provisional Portland Parish Development Order and Provisional Trelawny Parish Development Order</p> <p>FUNDED BY: GOJ</p> <p>PROJECT MANAGER: <i>MS. JACQUELIN STEVENS</i></p> <p>SENIOR PLANNER: <i>MR. COLIN POWELL</i></p> <p>ADMINISTRATIVE ASSISTANT: <i>MS. JENNIFER MARTELLS</i></p>	November 2005 to May 2007 (19 months)	J\$73,892,582.50	<p>Amongst the major outputs of the project are:</p> <p>(i) Maps illustrating property ownership, existing land use, areas susceptible to flooding & landslides, settlement nodes and their urban limits, areas subject to development pressure, environmentally sensitive sites/ areas, committed urban lands, areas subject to mining/quarrying, infrastructure, heritage sites and areas of interest or scenic beauty and proposed zoning etc. in each parish</p> <p>(ii) A report of the finding and analysis of the research on the various sector studies for each parish.</p> <p>(iii) Draft development plans for growth centers in each parish.</p> <p>(iv) A report on the land use survey and preliminary land requirements.</p>	<ul style="list-style-type: none"> ▪ MOUs signed between NEPA and the Trelawny and Portland Parish Councils ▪ Technical Working Group formed. This group is to provide technical guidance to the project ▪ Report on Community Animation and Public Participation Design (CAPP) completed ▪ Secondary data collected for Portland and Trelawny Development Orders. Additional information for thematic areas still being received from relevant agencies ▪ Draft Parish Profiles prepared and reviewed for both parishes ▪ Land Use survey activity completed for both parishes. Input of data 95% completed for Portland and 30% completed for Trelawny ▪ Community participatory activities continue in

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				(v) Planning policies for areas outside growth centres in both parishes (vi) Draft provisional Parish Development order for each parish.	both parishes. The visions/comments from the community will be incorporated into the Development Order <ul style="list-style-type: none"> ▪ DOP personnel and personnel from Parish councils to be trained in GIS. This skill will be incorporated with map making techniques to produce the final land use maps and the maps to be used in the Development Order
3	ENVIRONMENTAL ACTION PROGRAMME EXTENSION (ENACT) Goal: To institutionalize sustainable development initiatives among key organizations and stakeholder groups Funded by: CIDA/GOJ Programme Manager: <i>Novlette Douglas</i> Component Heads: <i>Elizabeth Emanuel</i> <i>Gina Sanguinetti Phillips</i>	June 2004 – March 2007	CIDA – CD\$800,000 over two years (approx J\$40,000,000) GOJ – Approx. J\$11.2 million for year 1 and an anticipated J\$13 million for year 2	Greening of Government <ul style="list-style-type: none"> • Strategic Environmental Assessment • Environmental Stewardship • Environmental awareness and training in the public sector Strengthening NEPA <ul style="list-style-type: none"> • Continued Strengthening of linkages among MLGCDS, NEPA and the Local Planning Authorities • Capacity Development for compliance and enforcement • Modernization of legislative framework 	<ul style="list-style-type: none"> • Draft of the GOJ Environmental Stewardship Policy developed • SEA Policy approved by Cabinet in June 2005 • MIND contracted to conduct training in Environmental Stewardship and SEA • Ongoing delivery of environmental training at institutions including CASE and MIND (over 3,000 persons). • Incorporating environmental issues into MIND's core courses <ul style="list-style-type: none"> • Two Web Servers and Licence and Maintenance software procured to enhance NEPA's AMANDA applications management system • Supported stakeholder consultations on draft wastewater and sludge regulations • Multi-Agency Enforcement Strategy being developed • Multi-Agency Enforcement Forum established and functioning for KSA • 22 cohorts of police and other GOJ enforcement officers (over 640 persons) trained in environmental enforcement and compliance • 5 sets of enforcement and training materials developed • Supported NEPA to complete the environment and planning chapters of the Development and Investment Manual for Jamaica • MLGE and NEPA/ENACT/CIDA to sign off on MOU for implementing revision of legislative framework

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ENACT Extension <i>cont'd</i>			Local Sustainable Development Planning <ul style="list-style-type: none"> • National Initiatives supporting an enabling environment for LSDP • Education and Training to Build LSDP Capacity • Portland LSDP Implementation • Kingston & St. Andrew Development Strategy 	<ul style="list-style-type: none"> • KSA SD Plan document finalized and 150 copies printed. • Continued preparation of the LSDP training curriculum for implementation by May. • Draft Stakeholder Analysis conducted to support the National Sustainable Development Framework • Terms of reference being developed for the public consultations in Portland that will be supported by ENACT as part of the Portland and Trelawny Development Order Project at NEPA • Two computers used by planners in NEPA to prepare the KSA SD Plan were transferred to the KSAC
			Environmental Education for Sustainable Development <ul style="list-style-type: none"> • National Environmental Education Committee (NEEC) Institutionalization • Public Awareness Strategy • EESD in the Formal Education Sector 	<ul style="list-style-type: none"> • A national database on EE resources and skills being developed. • The NEEC public awareness campaign on burning being designed based on the Knowledge-Attitudes-Practice research conducted. • A syllabus for a JBTE elective course in Environmental Education for Primary student teachers being developed. • Regional Conference on Education for Sustainable Development held to launch the UN Decade of Education for Sustainable Development in the Caribbean • NEEC Executive meetings being held every two months; NEEC general meetings being held twice per year.
			Environmental Management in the Private Sector <ul style="list-style-type: none"> • Partnership, Training, Documentation • Support for Environmental Management in the Private Sector 	<ul style="list-style-type: none"> • Working with the Jamaica Manufacturers' Association to involve 8 private sector companies in the environmental management systems project. • Study Tour to Canada focusing on environmental management systems being planned • 60-hour online course, "Environmental Management for Business Leaders" being conducted through MIND. • Trade and Environment Conference convened • Newsletters and newspaper supplements produced

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	ENACT Extension <i>cont'd</i>				<ul style="list-style-type: none"> Developed Energy Management Position Paper – “Exploring Issues and Opportunities for Improving the Competitiveness of Jamaica’s Manufacturing Sector through Energy Management.”
4	NORTH COAST HIGHWAY IMPROVEMENT PROJECT Funded by: IDB/CDB/GOJ ENVIRONMENTAL CONSULTANT: <i>MARK RICHARDS</i>	June 2002-2006 (NEPA Component)	IDB – US\$245,000 GOJ – US\$ 64,000 CDB – US\$60,000	<ul style="list-style-type: none"> Institutional Strengthening of the NEPA in the areas of Environmental Monitoring/ Environmental Management 	Training offered in Environmental Monitoring/ Environmental Management
				<ul style="list-style-type: none"> A Management Plan for the Protected Area The development of regulations for the protected area 	TOR's prepared
				<ul style="list-style-type: none"> An Operational Procedures and Guidelines Manual for monitoring road construction and rehabilitation projects 	Draft Document prepared
				<ul style="list-style-type: none"> Environmental Monitoring Reports for each segment of the project 	Reports produced monthly
				<ul style="list-style-type: none"> An environmental Monitoring Unit for highway construction projects located within the formal structure of the NRCA 	Unit established
5	INTEGRATED ASSESSMENT OF TRADE-RELATED POLICIES IN THE AGRICULTURAL SECTOR FUNDED BY: UNEP/GOJ PROJECT CONSULTANTS: <i>INSTITUTE FOR SUSTAINABLE DEVELOPMENT</i>	October 2006 to April 2008	UNEP – \$64,000	Training and Review Workshops	<ul style="list-style-type: none"> MOU between NEPA and the Institute for Sustainable Development being prepared
				Integrated National Policy and Action Plan	
6	INTEGRATED WATERSHED AND COASTAL AREA MANAGEMENT (IWCAM) FUNDED BY: UNEP-CAR/GOJ PROJECT MANAGER:	October 2006 to October 2009	UNEP-CAR/RCU US\$601,000 GOJ US\$629,340	1. Capture of Best Lessons and Practices for formulation of a model Watershed Area Management Mechanism (WAMM)	<ul style="list-style-type: none"> Project in the Initiation Phase
				2. Capture of pertinent information necessary for the formulation of a WAMM through participatory process	
				3. Development of a model Watershed Area Management Mechanism (WAMM)	
				4. Implementation of model WAMM in Eastern	

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				Portland Area 5. Implementation of programmes to remove barriers and resolve threats 6. Identification of transfer and replication mechanisms	

EXTERNALLY MANAGED PROJECTS IN WHICH NEPA HAS AN INTEREST

	PROJECT NAME & PMU INFORMATION	PROJECT DURATION	PROJECT BUDGET	COMPONENTS/ACTIVITIES	STATUS
6	<p>RURAL ENTERPRISE, AGRICULTURE AND COMMUNITY TOURISM (REACT)</p> <p>GOJ COUNTERPARTS: MINISTRY OF AGRICULTURE & LANDS/MINISTRY OF TOURISM, ENTERTAINMENT AND CULTURE/ /NEPA</p> <p>FUNDED BY: USAID-JAMAICA/GOJ</p> <p>IMPLEMENTATION CONTRACTORS: PA GOVERNMENT SERVICES AND FINTRAC (REACT PROJECT OFFICE)</p>	2005-2009 (4 years)		<p>Year 1</p> <ul style="list-style-type: none"> ▪ Transferring good agricultural practices and technologies to small horticulture and poultry farmers ▪ Facilitating linkages between small between small farmers and market end-users ▪ Building alliances with public and private sector agribusiness service providers ▪ Commercializing community-based cottage industries ▪ Developing nature and cultural heritage tourism attractions ▪ Supporting sustainable tourism destination management <hr/> <p>Years 2-4</p> <p><u>Primary Zones of Influence (Proactive)</u></p> <ul style="list-style-type: none"> ▪ Identify threats to biological diversity ▪ Determine source of threats ▪ Develop activities that mitigate threats ▪ Monitor impact and results of project activities <p><u>Secondary Zones of Influence (Reactive)</u></p> <ul style="list-style-type: none"> ▪ Review opportunities presented by potential partners ▪ Determine biological significance of area(s) ▪ Identify role for REACT in agriculture and tourism enterprise development ▪ Prepare joint implementation and monitoring agreements with partners 	<ul style="list-style-type: none"> ▪ Joint REACT and Jamaican Business Development Corporation Training Workshops for Paper Making using Banana Fiber held. Twenty-seven (27) persons trained. ▪ REACT/TPDCo to revisit Tourism Enterprises Operating Practices on Black River in a bid to devise a strategy to implement a “code of conduct” for operators of safari tours on the Black River and implement sustainable operating practices. ▪ REACT artisans (St. Helena’s Women’s group) attended a workshop specifically designed for crafts persons who were interested in making specialized craft items geared towards Cricket World Cup 2007. ▪ The South Coast Resort Board to establish and environmental code of conduct and to sign a Memorandum of Agreement (MOA) with stakeholders and the REACT Project. ▪ The REACT Project in collaboration with the Manchester Parish Development Committee (PDC) and the South Coast Resort Board are making a submission to NEPA for Protected Area Status for both the Essex Valley and Mile Gully Development Areas. ▪ REACT promoted Green House Technology at the Denbigh Agricultural Show in August 2006 ▪ The REACT project is building the capacity of the Rural Agricultural Development Authority (RADA) to transfer technical know-how, skills and services to farming enterprises based on USAID experience. ▪ REACT is assisting Farmers to increase their produce yields by introducing techniques such as drip irrigation, raised beds, fertigation and integrated pest management.

PROJECTS IN THE PIPELINE					
	PROJECT NAME & PMU INFORMATION	PROJECT DURATION	PROJECT BUDGET	COMPONENTS/ACTIVITIES	STATUS
1	PROTECTED AREAS LAND MANAGEMENT (PALM)		USAID – US\$3,836,068.00	1. Improved Management of Ecosystems	Project in <u>Initiation</u> Phase
			GOJ – US\$2,706,800.00	2. Institutional Capacity to Manage Natural Assets	
				3. Environmentally Sustainable Rural Enterprises	
				4. Project Monitoring and Evaluation	
				5. Project Management Unit	
2	INCORPORATING NATURAL RESOURCE EVALUATION TOOLS INTO ENVIRONMENTAL IMPACT ASSESSMENT PROCEDURES	PDFA: 3 Months <i>(to prepare project proposal)</i>	UNDP – US\$29,750.00	Preparation of a project proposal for a Medium Sized Project (MSP) to incorporate natural resource valuation tools into EIA procedures	Project proposal prepared and submitted to GEF for consideration
			GOJ – US\$5,000.00		
			PROPOSED BUDGET US\$500,000		

IMMEDIATE PAST PROJECTS

GENERAL INFORMATION	COMPONENTS/ACTIVITIES	TASKS ACCOMPLISHED
MANGROVE REPLANTING IN KINGSTON HARBOUR June 2002 – March 2004 Intl. Dev. Research Centre - IOI – Costa Rica - US\$16,834	<ul style="list-style-type: none"> ▪ To plant two (2) kilometres of mangroves along the coastline of the Kingston Harbour 	Project completed with the planting of mangrove seedlings.
	<ul style="list-style-type: none"> ▪ Develop, implement and document an approach and methodology for sustainable mangrove replanting in Jamaica 	
NATIONAL BIOSAFETY PROJECT Nov. 2002 – April 2004 UNEP/GEF – US\$ 127,036 GOJ – US\$64,579	Surveys: The NPC conducted survey on existing use of biotechnology that is one component of the Biotechnology/ Biosafety survey. The decision was taken to hire consultants to conduct the Conventional Safety and General Science components and the Legislation survey.	All surveys completed.
	Stakeholders List:	Prepared
	Public Awareness Material: Posters, brochures and other collateral material designed, which will serve to inform the discrete stakeholder groups.	Brochures completed
	Training	Training in Risk Assessment & Risk Mgmt. By Cuban Professor completed.
	Prepare National Biosafety Framework	Draft National Biosafety Framework (consisting of Draft Biosafety Policy and Drafting Instructions for Biosafety Act) prepared
NATIONAL PROGRAMME OF ACTION FOR LAND-BASED SOURCES OF MARINE POLLUTION Feb 2003 – May 2004 UNEP - US\$24,000	Prepare a report which assesses and compiles the existing legislative, regulatory, institutional and policy framework for the NPA with documentation, analysis and recommendations/ proposals for the NPA demonstration Model	Final Report prepared.
	A National Programme of Action for Jamaica for use in national planning, and as a model for the development of other NPA's throughout the Wider Caribbean Region.	NPA completed in October 2004 and has been approved by Cabinet (January 2006)

IMMEDIATE PAST PROJECTS

GENERAL INFORMATION	COMPONENTS/ACTIVITIES	TASKS ACCOMPLISHED
<p>ENABLING ACTIVITIES FOR JAMAICA TO DEVELOP AND IMPLEMENT THE NATIONAL IMPLEMENTATION PLAN FOR THE PERSISTENT ORGANIC POLLUTANTS (POPS) CONVENTION</p> <p>June 2003 - May 2005</p> <p>UNDP/ GEF - US\$241,533</p>	<p>Preparation of a National Implementation Plan for POPs Management Designation of a focal point for POPs in Jamaica; Stakeholder engagement;</p> <p>Establishment of coordinating mechanisms and organizing process for POPs activities and preparation of a National Implementation Plan (Inventories and Assessments);</p> <p>Setting of priorities and determination of objectives; Preparation of a National Implementation Plan, and specific Action Plans on POPs;</p> <p>Endorsement of NIP by stakeholders)</p>	<ul style="list-style-type: none"> • NEPA was delineated as Focal Point for POPs in Jamaica • Project Steering Committee established and • six (6) meetings were held • Stakeholders engaged through seven (7) workshops and eight (8) meetings including those to endorse NIP • Equipment procured for the Chemistry Dept – University of the West Indies Mona to enhance its capability to carry out analyses of POPs • Memorandum of understanding signed between NEPA and the Chemistry Department at the University of the West Indies, Mona to carry out analyses of POPs • One hundred and twenty (120) samples of PCB containing equipment and soil were analysed. They were not found to be contaminated with PCBs. • Claude Davis and Associates and Environmental & Engineering Managers were contracted as International and National Consultants, respectively • The following eleven reports were completed: <ul style="list-style-type: none"> ✓ Analysis of the capacity of NEPA, PCA and other relevant institutions to manage and eliminate PCBs and ensure compliance with existing and proposed regulations for unintentional POPs releases ✓ Inventory of POPs pesticide stocks and sites contaminated with pesticides ✓ National strategy for information exchange, education, communication and raising awareness among stakeholders ✓ National inventories of PCBs, dioxins and furans and hexachlorobenzene (done jointly with International Consultant) ✓ National Implementation Plan for the management of POPs ✓ National inventories of PCBs, dioxins and furans and hexachlorobenzene (done jointly with National Consultant) ✓ Gap analysis for PRTR implementation and integration and co-ordination needs ✓ PCB destruction technologies and their costs ✓ Analysis of POPs issues, national objectives and priorities ✓ Gap analysis for POPs management in Jamaica ✓ National profile of the existing situation re POPs, recommended management options and modifications to existing regulations and action plan

IMMEDIATE PAST PROJECTS

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<p>COASTAL WATER QUALITY IMPROVEMENT PROJECT (CWIP) II</p> <p>September 2003 – June 2005</p> <p>USAID – US\$1.9 million</p>	<ol style="list-style-type: none"> 1. Strengthen the Parish Council's ability to lead integrated environmental planning and management in Portland. 2. In collaboration with EAST & the Green Globe Destination Management Group, develop and implement a GGDM Environmental Action Plan. 3. Support the Advisory Monitoring Committee to represent stakeholder opinion on issues pertaining to water quality management, including on the development of the new sewerage and stormwater drainage system. 4. Improved institutional capability within the GOJ to manage a national water quality monitoring program 5. Establishment of a national Blue Flag coordinating NGO. 	<p>The project supported improved sanitation in the Port Antonio area, the Blue Flag Programme and post Hurricane Ivan recovery efforts.</p> <p><i>Integrated Parish level Environmental and Management Process in Portland</i></p> <ul style="list-style-type: none"> ● Developed partnership with MOH (EHU/SERHA) to procure water storage tanks ● Cleaned drains in Port Antonio community supplemented with environmental education activities ● Procured mechanized drain cleaning equipment for Portland Parish Council and Ministry of Local Government, Youth and Community Development. ● Procured GIS equipment for Portland Parish Council ● Supported construction of sanitary solutions in St. Thomas communities ● Cleaned up Negril Community Centre ● Supported Office of Disaster Preparedness and Emergency Management's (ODPEM's) Caribbean Hazard Management conference ● Support to the Blue Flag Award Programme ● Continued support for NEPA's water quality monitoring programme ● Procurement of auto analyzer for NEPA's water quality programme ● Supported efforts to have Port Antonio certified as Green Globe destination ● Prepared plans for the construction of demonstration Biodigester Sewage Treatment systems in Port Antonio ● Prepared solid waste management plan for Port Antonio ● Supported Coastal Zone Safety study for Tourism Product Development Company (TPDCo). ● Delivery of APM training ● Continued support for White River Integrated River Basin Management Plan

IMMEDIATE PAST PROJECTS

GENERAL INFORMATION	COMPONENTS/ACTIVITIES	TASKS ACCOMPLISHED
<p>RIDGE TO REEF (R2RW)</p> <p>Aug. 2000 – July 2005</p> <p>USAID – US\$6 mill. GOJ – Approx. J\$5 million annually</p> <p>COMPONENTS Sustainable Environmental Practices in the Great River Watershed Compliance and Enforcement Institutional Strengthening</p>	Training of Trainers activity completed, and watershed-level training being undertaken.	<p>Its main focus is on supporting sustainable livelihood projects in the Rio Grande and Great River watersheds. The Project came to an end in early 2005-06 and in an effort to mainstream some of its activities a number of training initiatives were conducted. Consequent on the passage of Hurricane Ivan, programme activities have also centered on strategic interventions in recovery efforts. Some of the achievements are listed below.</p> <p>General Achievements</p> <ul style="list-style-type: none"> • Water Quality Monitoring Programme in the Rio Grande • Pineapple AP: 5 Demo Plots and 45 Acres of new pineapple • Resource management issues addressed through 2 functioning WMCs (12 Meetings) • New water supply systems in Pisgah, St. Elizabeth and Windsor, Portland • Planted 6,000 trees in 8 communities of Portland, Westmoreland and St. James. Established 200 chains of vegetative barriers on slopes in GRW and RGW • Community Beautification Campaign in Cambridge • Supported 7 training courses in Compliance and Enforcement with MIND • Hired consultant to draft new NEPA Act • Examined and reviewed sustainability of the GRWMC
	Pocketsize field-guide finalized, distributed and in active usage.	
	Green Paper on Watershed Policy reviewed, and resubmitted	
	Popular materials to inform the public on environmental policies, rules and regulations designed and being disseminated.	
	Strengthening National Public Awareness Activities	
	Compliance and Enforcement issues being addressed by Task Forces in both the GR and RG Watersheds.	
	3 water harvesting and sanitation projects completed.	
	Water quality monitoring program initiated.	
	Watershed monitoring protocols established and implemented.	
	Watershed Management Plan and Strategy developed.	
Enhancing Coordination for Watershed Management Tools for Sustainable Watershed Management Training of SWB and other key WM Staff Mainstreaming Technologies.		
Special Studies		
Approval of Grant Applications by WMCs Implement 10 grants		
Gender Activities at the National Level With NEPA, host "Gender and Environment" symposium.		

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<p>ENVIRONMENT ACTION (ENACT) PHASE I</p> <p>1994 – 2004</p> <p>GOJ/CIDA – US\$38MILLION</p>	<p>Greening of Government</p>	<ul style="list-style-type: none"> • 10 environmental training courses designed for various levels of public sector officials including policy analysts, senior and middle management; technical and operational staff. These courses included: Environment and Sustainable Development; Environmental Accounting; Environmental Economics etc. Training materials were developed to accompany all training courses. • Training was delivered to over 3,200 persons between 2001 and 2004, representing over 1,500 hours of teaching and learning over 250 days • Over 19 Environmental Stewardship Action Plans/Environmental Programmes were developed and implemented across GOJ Ministries and Agencies. Departments included the Office of the Prime Minister, Jamaica Constabulary Force, Ministry of Finance & Planning; and Management Institute for National Development. • Eleven (11) Environmental Stewardship Guidelines developed. • Over 2000 persons in the public sector trained on how to use the <i>Government of Jamaica Environmental Guide to Green Procurement</i>. • The "Strategic Environmental Assessment Handbook" developed; this is a 311-page manual developed to provide policy analysts and senior officials in the public sector with the information necessary to formulate environmentally-sound policies, plans and programmes. • Developed a masters level course in environmental management at the UWI – SA64F Environment and Sustainable Development. This course is offered through the Sir Arthur Lewis Institute for Social and Economic Studies
	<p>Local Sustainable Development Planning</p>	<ul style="list-style-type: none"> • Two participatory planning processes have been successfully established in Portland and KSA. • An LSDP Framework, endorsed by the Minister of Land & Environment and the Minister of Local Government, Community Development & Sport, was published and over 3000 copies disseminated. • Both NEPA and MLGCDS have adopted LSDP as part of their planning process and Local Government Reform respectively. • SDC has incorporated LSDP in their vision and mission and trained staff are currently working in support of local sustainable development. • Discussions on a national SD Framework have begun to incorporate LSDP considerations. A Scoping exercise to support the development of the national SD framework is being conducted under the guidance of the National SD Task Force. • LSDP is central to practice and projects of local Parish Councils and Parish Development Committees in Manchester, Portland and Kingston & St. Andrew. • Sensitisation activities have promulgated sustainable development planning in St. Elizabeth, Hanover, St. Ann and other parishes across Jamaica. • Research papers on Economic and Development; Social Services and Facilities Environment, Transportation; and Infrastructure produced and integrated with the KSA Vision and incorporated into the preparation of the KSA Sustainable Development Plan. • Detailed (property by property) Land Use mapping and assessment completed for the KSA. • Draft Information Guide prepared to complement the KSA SD Plan • Portland SD Plan and Interim Development Order Project document approved by grouping led by Development Division in the Office of the Prime Minister; this is part of the Trelawny and Portland Development Order project being implemented by NEPA. • KSA PDC Planner transferred fully into KSAC

IMMEDIATE PAST PROJECTS

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	Strengthening NEPA to carry out its Mandate	<ul style="list-style-type: none"> • Facilitated the inclusion in the regulatory process of more hands-on technical development and review of various environmental guidelines and regulations (e.g. air quality, waste management, bird-shooting enforcement and EIA approval process). • Applications procedures manual and applications screening tool developed. • Manual developed for the review of EIA as well as a generic set of terms of reference for the conducting of EIAs. • Capacity of the legal division built through training and procurement of legal resources • Ability enhanced to perform Regulatory Impact Analysis (RIA) to ensure better capacity in the development of future regulations. (The establishment of this RIA process is now internalised and will be followed to scope all future regulations by NEPA.) • Supported the enhancement of the technical, process management and participatory development skills of key staff within the organisation, and through the acquisition and use of this new set of skills, will help to establish regulations that are recognised as legitimate by various sectors of government and society (e.g. line ministries concerned, private sector, NGOs, etc). • Raised the competency of enforcement officers through training and through the development of NEPA's Compliance and Enforcement manuals, including <i>A Pocket Guide to Environmental and Planning Laws of Jamaica</i>, and made these officers more effective through the procurement of a tool kit of field resources for officers. • Symposia on environmental legislation for the judiciary held. • Enforcement officers trained over five days in public speaking and presentation skills • Guideline documents on the Wastewater and Sludge Regulations for the regulated community and NEPA under construction • A training strategy in enforcement and compliance of environmental and planning regulations developed and implemented • Training resource materials in compliance and enforcement of environmental and planning legislation in five courses for learners and facilitators developed and edited • A training mechanism was set-up at MIND for enforcement officers to ensure the continuous updating of their skills • EIA Guideline Document revised

IMMEDIATE PAST PROJECTS

GENERAL INFORMATION	COMPONENTS/ACTIVITIES	TASKS ACCOMPLISHED
	Environmental Education for Sustainable Development	<ul style="list-style-type: none"> • The <i>National Environmental Education Action Plan for Sustainable Development</i> was developed by the National Environmental Education Committee (NEEC). This plan, endorsed by the Ministers of Education & Culture and Environment & Housing, was officially launched in 1998 by the Governor General. It has been used extensively as an education planning tool throughout Jamaica and is a model internationally. 4,000 copies have been disseminated and it is frequently downloaded from the Internet. • EESD training conducted, in collaboration with MOEYC, for more than 5,000 teachers in Grades 2, 3, 5 and 6 island-wide. • EESD incorporated through the Joint Board of Teacher Education in Teacher Education syllabuses for Physics, Chemistry, and Biology; 13 Early Childhood Education courses; and a new elective, Environmental Education for Secondary School Teachers. Another new elective, Environmental Education for Primary School Teachers, is being developed. • EESD incorporated into the Professional Development programme at Teachers' Colleges. • EESD included in MOEYC procedures (e.g. School standards, School Development Planning) and the Ministry's Professional Development Programme (supporting Primary, ROSE and CXC curricula) • EESD Resource materials for schools and communities produced. These include: <i>Life-line: Environmental Education Resource Kit to Promote Sustainable Development in Jamaica</i>, <i>An Environmental Steward's Handbook</i>, <i>Guidelines for Environmental Clubs</i>, <i>Enhancing Environmental Education in the Curriculum: A Workshop Session for Teachers in Jamaican Primary Schools</i>, <i>DRAFT: Handbook for Leadership Development in Environmental Education for Sustainable Development</i>, <i>DRAFT: Teaching and Learning Activities for Environmental Education for Sustainable Development</i> • The capacity of ENGOs enhanced in areas such as networking & relationship-building, and EESD methodologies. • There is a growing and diverse use of the "Environment Logo." • Proposal by the National Environmental Education Committee (NEEC) to be a separate organization (and not a sub-committee of the NRCA) approved by the NRCA; NRCA representative named to the NEEC Executive. • Arrangements for institutionalising the NEEC Secretariat within NEPA in progress: Public Education Officer who will assume responsibility for NEEC support identified. • Professional development events held for NEEC members: Workshop on Environmental Communication & Advocacy; Workshop on "Sharing Our Stories"; Presentation on "The Role of Education in Disaster Prevention." • EE sessions held for groups including SRC Camp LIFE (Living in Favour of the Environment), VTDI, US Peace Corps, and schools. • EESD sessions held for MOEYC Education Officers, principals, teachers, and school administrative and ancillary staff. • Article, <i>'Environmental Education for Sustainable Development: Jamaica Forging Ahead'</i> published in "The Green Cross Optimist", Geneva. • Supported the conduct of school visits and 2 sets of teacher workshops per year conducted for up to 350 schools through the Schools Environment Programme, implemented by the Jamaica Environment Trust.

IMMEDIATE PAST PROJECTS

GENERAL INFORMATION	COMPONENTS/ACTIVITIES	TASKS ACCOMPLISHED
<p>THE WATER, SANITATION AND HYGIENE (WASH) PROGRAMME – PHASE I</p> <p>July 2005 to November 2005</p> <p>USAID - US\$34,000</p> <p>JSIF-US\$23,000</p>	<p>The purpose of the WASH Programme is to enable six (6) Benevolent Societies / Community Water Organizations (CWOs) to do community assessments on sanitation and hygiene issues.</p>	<ul style="list-style-type: none"> • Training courses in the administration of the questionnaires were conducted for the selected community members and a behaviour change workshop was conducted for the communities. • Equipment and office furniture were procured for the White Horses/Pamphret Benevolent Society in St. Thomas. • Analysis of the status of sanitation and attitude and practice regarding sanitation in the communities has been completed.
<p>ENVIRONMENTAL MANAGEMENT OF KINGSTON HARBOUR</p> <p>July 2003 – December 2005</p> <p>IDB – US\$500,000</p> <p>GOJ – US\$120,000</p>	<p>Institutional Strengthening (US\$71,600) and Development of a Physical Plan for Kingston Harbour (US\$104,700)</p>	<ul style="list-style-type: none"> • Literature Review Report on the Condition of the Harbour • Report on International Harbour Cleanups • 1st & 2nd Draft Institutional Models • Production of 3-D Water Quality Model • Training of NEPA staff and some stakeholders in the use of the 3-D Water Quality Model
	<p>Improving Environmental Performance of Industries Discharging to Kingston Harbor (US\$111,580)</p>	<ul style="list-style-type: none"> • Current Industries around the rim of the Harbour identified • Loadings from current Industries assessed • GIS referencing of current Industries mapped • Enforcement Strategies Developed • Environmental Audit of carried out on Two Sample Industries • Initial Environmental Review of the Two pilots conducted • Provide basis for EMS • NEPA's monitoring and reporting requirements towards EMS delineated • Technical support to selected industries to develop compliance programs provided • Notable types of Revolving (<u>Loan</u>) Funds identified as possible sources of funding to clean waste streams of the industries around the rim of the harbour
	<p>Development of Documentation and Tender Documents for a Ship-Generated Waste Reception Facility (US\$74,800)</p>	<ul style="list-style-type: none"> • Siting Study for SWRF completed • Options for Ownership, Investment & Operation of the SWRF identified • Technical & Financial Models for SWRF developed • Bid Document for SWRF Prepared
	<p>Public Outreach, Education, and Training (US\$55,400)</p>	<ul style="list-style-type: none"> • Public launch of campaign occurred, with numerous interviews and features done on Kingston Harbour • Final Materials for continuing Public Education prepared and passed on to NEPA: i.e. Video feature on Kingston Harbour, Physical Model of the Harbour, Posters, Newsletter and Website • Workshop held to hand over educational materials to Teachers of schools surrounding the Kgn Hrbr
<p>NATIONAL CAPACITY SELF ASSESSMENT PROJECT (RIO Component)</p> <p>PHASE I – April 2004 to August 2005 PHASE II – Sept. 2005 to Sept. 2006</p> <p>UNDP/ GEF - US\$200,000</p> <p>GOJ - [In-Kind]</p>	<p>Phase I:</p> <ul style="list-style-type: none"> ▪ To identify, confirm and review priority issues for action within the thematic areas of Biodiversity, Climate Change and Desertification; ▪ To explore related capacity needs within and across the three thematic areas; To elaborate a national action plan that focuses on capacity building to address the global environmental commitments; ▪ To provide a solid basis for the preparation of 	<ul style="list-style-type: none"> • A Stock Taking Report on the implementation of the Conventions on Biological Diversity, Climate Change and Desertification in Jamaica. • Public Education workshops were held on issues relating to the Conventions; and • A report on cross-cutting legislative issues. • The thematic assessments that described the capacity issues as it relates to the three Rio Conventions, Convention on Biodiversity, United Nations Convention to Combat Desertification and the United Nations Framework Convention on Climate Change have been completed. • The cross-cutting reports for the areas of Public Education, Policy and Legal and the Institutional reports were completed.

	requests for future external funding and assistance;	
	PHASE II: Monitoring the implementation of the activities of the NCSA Action Plan	PHASE II: <ul style="list-style-type: none"> ▪ Implementation of the various activities of the NCSA Action Plan was monitored under this phase.
CARIBBEAN REGIONAL ENVIRONMENT PROGRAMME (CREP) ? TO JULY 2006 MAIN RESPONSIBILITY: NEPT, NCRSP NEPA EU\$ – 500,000	Demonstration projects: Amenity Area Demonstration Project – Negril To link country action to the broader national environmental management and sustainable development framework; and To monitor and evaluate the implementation of the action plan as part of a process of continuous improvement. Integrated Water Resource Management Planning: Capacity Building Regional Environmental Information Network	Technical support is provided by the Negril area Environmental Development Trust (NEPT), Negril Coral reef Preservation Society NCRPS and NEPA. Project achievements to date include: <ul style="list-style-type: none"> • Capacity Building through training of staff from the focal point organizations • The signing of a MOU between all the parties The implementation of work under phase 1 of the project including, a wetland assessment, a Solid Waste Management Programme, a River Watchers Programme and Water Quality Monitoring