

Implementation Status & Results

Africa

GEF-Western Indian Ocean Marine Highway Development and Coastal and Marine Contamination Prevention (P078643)

Operation Name: GEF-Western Indian Ocean Marine Highway Development and Coastal and Marine Contamination Prevention (P078643) Project Stage: Implementation Seq.No: 8 Status: ARCHIVED Last Modified Date: 18-Oct-2010

Country: Africa Approval FY: 2007
 Product Line: Global Environment Project Region: AFRICA Lending Instrument: Specific Investment Loan
 Implementing Agency(ies): South Africa Maritime Authority, Indian Ocean Commission

Key Dates

Board Approval Date	22-May-2007	Original Closing Date	30-Jun-2011	Planned Mid Term Review Date	08-Nov-2010	Last Archived ISR Date	19-Apr-2010
Effectiveness Date	21-Sep-2007	Revised Closing Date	30-Jun-2011	Actual Mid Term Review Date			

Global Environmental Objectives

Global Environmental Objective (from Project Appraisal Document)

The project's medium to long-term global environmental goals are to reduce the risk of ship-based environmental contamination (such as oil spills from grounding and illegal discharges of ballast and bilge waters) and to strengthen the capacity of coastal and island states to respond to oil or chemical spill emergencies in the region.

The project has three specific global environmental objectives. The first is to ascertain the economic, technical, and institutional feasibility of introducing modern aids to navigation systems in the region, such as an electronically supported marine highway, to guide ships through sensitive areas and to encourage monitoring of the movements and activities of fishing and other vessels operating within countries' territorial waters. The second objective is to support widening the existing regional agreement (June 5, 1998) on port state control and implementation of its provisions. The third objective, focusing on Kenya, Mozambique, South Africa, and Tanzania, is to reduce risks of environmental damage to beaches, fishing grounds, and other domestic resources from spills of oil and chemicals. This will be achieved by supporting efforts of Kenya, Mozambique, South Africa, and Tanzania to become part of a regional oil spill response plan, by completing the identification and mapping of environmentally sensitive areas along the east African coast, and supporting regional collaboration with the west Indian Ocean island states.

Has the Project Development Objective been changed since Board Approval of the Project?

Yes No

Component(s)

Component Name	Component Cost
Development of a regional marine highway and institutions	6.00
Capacity building for prevention of coastal and marine contamination	1.10
Building a regional oil spill response capacity	0.70
Port state control, fisheries monitoring, and project coordination and management	3.30

Overall Ratings

	Previous Rating	Current Rating
Progress towards achievement of GEO	Satisfactory	Satisfactory
Overall Implementation Progress (IP)	Satisfactory	Satisfactory
Overall Risk Rating		Medium-L

Implementation Status Overview

Project implementation continues to be satisfactory. Development objectives of the Grant are being met in accordance with the project objectives. Disbursements finally picking up to reflect contracts under implementation with M/s BRLi/OTRA and IHWC. Initial start-up delays of Project will require extension of closing date by 18 months until Dec. 2012; extension request prepared by SAMSA and under review by Minister of Environment before forwarding to the Bank for consideration.

Results

Global Environmental Objective Indicators

Indicator	Baseline	Current	End Target
Indicator Name	Value	Value	Value
Number of passages of vessels traveling through the region using the marine highway and its electronic charts for navigation (SRI)	No marine highway infrastructure in place, so no ships use it.	0	Evaluation complete. Plans for further development complete.
Type	Date	Date	Date
Unit of Measure	19-Jul-2007	14-Oct-2010	30-Jun-2011
Custom Indicator	Text	Comment	Comment
		"Surveyed corridor" marine survey and data collected. Agreement with key intl. organizations on "Routing System" and marine highway principle. Participating States to submit formal IMO application for approval of "Routing System".	

Indicator		Baseline	Current	End Target
Indicator Name		Value	Value	Value
Number of ship inspections carried out at major ports in the region (PI)		223.00	467.00	475.00
		Date	Date	Date
		03-Jan-2005	01-Jan-2010	30-Jun-2011
Type	Unit of Measure	Comment	Comment	Comment
Custom Indicator	Number	Data for 2005-2005	Estimated 616 inspections for first 9 months of 2010 including: South Africa, 481 Tanzania 35, Kenya 33, Mauritius 4, Seychelles 5, Mozambique 38. Totals for Madagascar & Comoros also estimated at 5 each.	

Intermediate Results Indicators

Indicator		Baseline	Current	End Target
Indicator Name		Value	Value	Value
Electronic nautical charts and publications produced		0	15	10
		Date	Date	Date
		19-Jul-2007	14-Oct-2010	30-Jun-2011
Type	Unit of Measure	Comment	Comment	Comment
Custom Indicator	Text		Mozambique Channel route survey data prepared by M/s SHOM. Motor vessel Beautemp Beaupre completed survey. Data for 10 large scale and 3 small scale ENC's along the #route# available during September 2010 and included in ENC's early in 2011. 2 large scale ENC's of Mozambique, 2 of Kenya, 2 of Seychelles, 4 of Tanzania should be available by June 2011. 2 large scale ENC's of Madagascar and 1 of Comoros are complete and South Africa and Mauritius have a full catalogue of charting available already.	

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Indicator		Baseline	Current	End Target
Indicator Name Charts and publications maintained and updated (cumulative)		Value 0	Value 2	Value 35
Date		19-Jul-2007	18-Oct-2010	30-Jun-2011
Type	Unit of Measure	Comment	Comment	Comment
Custom Indicator	Text		Basic Port ENC data updated for ports in South Africa, Kenya, Mozambique, and Mauritius ports by South African Hydrographer in DOD, South Africa. Port surveys of Mahajunga and Tamatave by M/s SHOM.	

Indicator		Baseline	Current	End Target
Indicator Name Main aids to navigation on the route of the marine highway surveyed and rehabilitated		Value 0	Value 0	Value 2
Date		19-Jul-2007	11-Sep-2009	30-Jun-2011
Type	Unit of Measure	Comment	Comment	Comment
Custom Indicator	Text		List of all lights and aids available to be surveyed by consultants. The status of AtN in Madagascar and parts of Comoros has been determined and some in the Comoros are schedule for uograde before June 2011. The reports of the consultants for the balance of the Recipient States is expected and those requiring attention should be should be upgraded by June 2011.	

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Indicator	Baseline	Current	End Target
<p>Indicator Name Automatic information service and ship communications system established</p> <p>Type Unit of Measure Custom Indicator Text</p>	<p>Value 0</p> <p>Date 19-Jul-2007</p> <p>Comment</p>	<p>Value 0</p> <p>Date 11-Sep-2009</p> <p>Comment AIS system contract for all South Africa has been awarded and will start to be implemented.</p>	<p>Value 1</p> <p>Date 30-Jun-2011</p> <p>Comment</p>
<p>Indicator Name Search and rescue communications between two maritime rescue coordination centers (Cape Town and R#union) and all states involved in the project fully operational (PI)</p> <p>Type Unit of Measure Custom Indicator Text</p>	<p>Value Communications links not yet fully established with the participating states</p> <p>Date 19-Jul-2007</p> <p>Comment</p>	<p>Value Communication between centers established.</p> <p>Date 11-Sep-2009</p> <p>Comment Communication established between 3 centers (Cape Town, Reunion and Mombasa) and sub-center in Seychelles.</p>	<p>Value Links established</p> <p>Date 30-Jun-2011</p> <p>Comment</p>
<p>Indicator Name Pollution prevention and contingency management plans developed for Kenya, Mozambique, and Tanzania (PI)</p> <p>Type Unit of Measure Custom Indicator Text</p>	<p>Value None currently in place</p> <p>Date 19-Jul-2007</p> <p>Comment</p>	<p>Value 3 drafts</p> <p>Date 14-Oct-2010</p> <p>Comment Drafts NOSCPs prepared for Kenya, Mozambique and Tanzania (reviewed, revised and updated with project inputs). Training in these 3countries for Tier I and II response is due to be run from 3 to 9 November 2010. Trained staff per country to date: Comoros 40, Madagascar 40, Mauritius 50, Seychelles 70, Mozambique 40, Kenya 40, Tanzania 40.</p>	<p>Value 3</p> <p>Date 30-Jun-2011</p> <p>Comment</p>

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Indicator	Baseline	Current	End Target
<p>Indicator Name Methodology to value ecosystem benefits developed and used by environmental managers (PI)</p> <p>Type Unit of Measure Custom Indicator Text</p>	<p>Value None currently in place</p> <p>Date 19-Jul-2007</p> <p>Comment</p>	<p>Value Consultants preparing methodology to discuss in workshop with participating States.</p> <p>Date 14-Oct-2010</p> <p>Comment To be implemented during two regional workshops. 1st workshop is scheduled from 15 to 19 November 2010. 3 / 4 economists have been selected in each State.</p>	<p>Value Methodology developed and disseminated</p> <p>Date 30-Jun-2011</p> <p>Comment</p>
<p>Indicator Name Countries establish and continuously maintain databases and geographic information systems, as indicated in discussions with staff of project entities (PI)</p> <p>Type Unit of Measure Custom Indicator Text</p>	<p>Value None currently in place</p> <p>Date 19-Jul-2007</p> <p>Comment</p>	<p>Value In progress.</p> <p>Date 14-Oct-2010</p> <p>Comment Environmental data are being converted into GIS format and use in that form for the preparation of ESAs. This is ongoing in all participating States. 90% completed in Comoros 90% completed in Seychelles 60% completed in Mauritius 50 % completed in Madagascar 25% completed in Kenya 25% completed in Mozambique 25% completed in Tanzania No feedback to date from SA.</p>	<p>Value Information system in place</p> <p>Date 30-Jun-2011</p> <p>Comment</p>

Indicator	Baseline	Current	End Target
<p>Indicator Name Kenya, Mozambique, and Tanzania pass national laws and regulations to implement OPCR, FUND, and CLC conventions</p> <p>Type Unit of Measure Custom Indicator Text</p>	<p>Value Kenya, Mozambique, and Tanzania have ratified OPRC 90, CLC (Prot 92), and Fund (Prot 92), but have not passed national laws and regulations to implement them</p> <p>Date 19-Jul-2007</p> <p>Comment</p>	<p>Value Ratified OPRC 90, CLC (Prot 92), and Fund (Prot 92) by Kenya, Mozambique and Tanzania are completed</p> <p>Date 14-Oct-2010</p> <p>Comment Kenya, Mozambique and Tanzania have all signed the OPRC 90, CLC 92 and International Compensation Funds. No country in the sub-region has as yet ratified the HNS 2000 protocol. 4 Masters in Maritime Law from Kenya, Mozambique, Mauritius and Tanzania trained under the Project. Table of Conventions Raitified attached.</p>	<p>Value Ratified OPRC 90, CLC (Prot 92), and Fund (Prot 92) by Kenya, Mozambique and Tanzania are completed</p> <p>Date 30-Jun-2011</p> <p>Comment</p>

Indicator	Baseline	Current	End Target
<p>Indicator Name Kenya, Mozambique, and Tanzania adopt national oil spill contingency plans</p> <p>Type Unit of Measure Custom Indicator Text</p>	<p>Value Plans in different stages have been developed</p> <p>Date 19-Jul-2007</p> <p>Comment</p>	<p>Value Contingency plkans are completed but need to verify if approved by respective Governments.</p> <p>Date 14-Oct-2010</p> <p>Comment The NOSCPs have been prepared for Kenya, Mozambique and Tanzania. The project needs to confirm whether these plans have been approved by their respective Governments and incorporated into national laws.</p>	<p>Value Contingency plans are completed</p> <p>Date 30-Jun-2011</p> <p>Comment</p>

Indicator	Baseline	Current	End Target
<p>Indicator Name Equipment in place and used in training</p> <p>Type Unit of Measure Custom Indicator Text</p>	<p>Value Some equipment in place</p> <p>Date 19-Jul-2007</p> <p>Comment</p>	<p>Value Some equipment in place, needs to be evaluated. Comoros has lost equipment during civil strife and Mozambique has requested equipment.</p> <p>Date 14-Oct-2010</p> <p>Comment</p>	<p>Value All equipment is acquired and in place</p> <p>Date 30-Jun-2011</p> <p>Comment</p>
<p>Indicator Name A regional marine pollution contingency plan that covers all participating countries is established</p> <p>Type Unit of Measure Custom Indicator Text</p>	<p>Value Neither Kenya, Mozambique, Tanzania, South Africa currently have in a regional plan</p> <p>Date 19-Jul-2007</p> <p>Comment</p>	<p>Value Regional plan still has been prepared and circulated for review by participating States.</p> <p>Date 14-Oct-2010</p> <p>Comment A regional Oil Spill Contingency plan has been prepared and circulated and will be discussed and approved during the 26-28 October meeting in Mauritius</p>	<p>Value Regional plans completed</p> <p>Date 30-Jun-2011</p> <p>Comment</p>

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Indicator	Baseline	Current	End Target
<p>Indicator Name A regional center to coordinate national actions and to monitor nationwide environmental conditions is fully operational</p> <p>Type Unit of Measure Custom Indicator Text</p>	<p>Value A subregional center is currently operating in Madagascar</p> <p>Date 19-Jul-2007</p> <p>Comment</p>	<p>Value A subregional center is currently operating in Madagascar.</p> <p>Date 14-Oct-2010</p> <p>Comment A regional coordination center will be created. A regional workshop on the RCC and its mandate, the choice of host country etc will be held on the 26-28 October meeting. At this meeting a road map will also be discussed and agreed for the setting up and the operation of the Center.</p>	<p>Value Center is operating</p> <p>Date 30-Jun-2011</p> <p>Comment</p>

Indicator	Baseline	Current	End Target
<p>Indicator Name Agreement reached with Madagascar and Comoros to join the regional agreement on port state control that was signed on June 5, 1998</p> <p>Type Unit of Measure Custom Indicator Text</p>	<p>Value Madagascar and Comoros not currently part of the regional agreement</p> <p>Date 19-Jul-2007</p> <p>Comment</p>	<p>Value IOC has advised that both Madagascar and Comoros have taken necessary steps to be party to this MOU.</p> <p>Date 18-Oct-2010</p> <p>Comment</p>	<p>Value Madagascar and Comoros sign the regional agreement</p> <p>Date 30-Jun-2011</p> <p>Comment</p>

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Indicator	Baseline	Current	End Target
<p>Indicator Name Inspectors trained under the project to international standards in port state control operating</p> <p>Type Unit of Measure Custom Indicator Text</p>	<p>Value 16 inspectors currently operating in South Africa</p> <p>Date 19-Jul-2007</p> <p>Comment</p>	<p>Value 16 inspectors currently operating in South Africa</p> <p>Date 18-Oct-2010</p> <p>Comment In addition students from six participating States (except Seychelles and Mauritius) to attend IMO approved course in Durban on Nov 2010.</p>	<p>Value At least 2 per country</p> <p>Date 30-Jun-2011</p> <p>Comment</p>

Indicator	Baseline	Current	End Target
Indicator Name Mechanisms for coordination among related GEF-supported initiatives created and maintained	Value No mechanisms are in place yet	Value Mechanisms are in place and strengthened after participating in the GEF IW meeting.	Value Staff of project mgt units of GEF projects participate in GEF-IW conferences
Date 19-Jul-2007	Date 11-Sep-2009	Date 30-Jun-2011	Date 30-Jun-2011
Type Custom Indicator	Unit of Measure Text	Comment IOC is liaising with as well as exchanging environmental data with ASCLME, and other EU funded projects such as ReCoMap, etc.	Comment

Data on Financial Performance (as of 00000000)

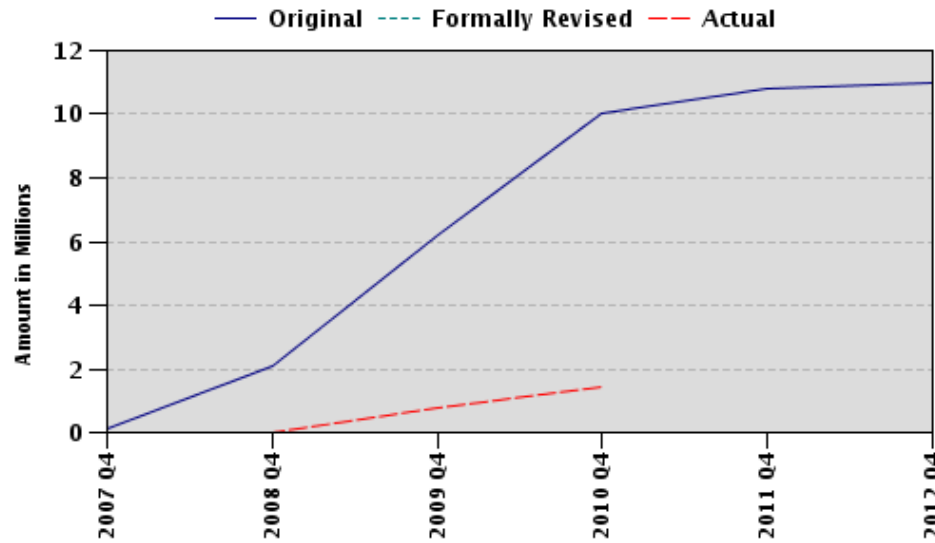
Financial Agreement(s) Key Dates

Project	Loan No.	Status	Approval Date	Signing Date	Effectiveness Date	Closing Date
P078643	TF-90304	Effective	21-Sep-2007	21-Sep-2007	21-Sep-2007	30-Jun-2011

Disbursements (in Millions)

Project	Loan No.	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P078643	TF-90304	Effective	USD	11.00	11.00	0.00	2.12	8.88	19.00

Disbursement Graph



Key Decisions Regarding Implementation

The vessel M/v Beautemp Beupre deployed by M/s SHOM completed the marine and hydrographic surveys along the Mozambique Channel for the establishment of the Marine Highway (this effort included on-board training for participants from 6 States covered by UNESCO and IHO). The survey data will constitute the basis to prepare a "Surveyed Corridor" data system, and thereafter the participating states will need to submit a formal application to the IMO to convert prepare the "Surveyed Corridor" data into a "Routing System". Also as part of the Marine Highway component, the work of the hydrographic consultants is well underway. A major effort to carry out the hydrographic and port state control training in french and english has been planned during the month of November in Kenya and South Africa.

The main environmental consulting services (for components B,C and D) with M/s BRLi/OTRA are well underway. The work plan was finalized with the participation of Focal Points from all countries in April. Subsequently working groups in all countries were setup to manage at the national level all training activities for National Oil/Chemical Spill Contingency (NOSC) Plans, preparation of Environmentally Sensitive Area Maps (ESA), and the development of national policies for the use of dispersants.

Restructuring History

There has been no restructuring to date.

Related Projects

There are no related projects.