



SHOWTIME

REGIONAL ICT INITIATIVES WITHIN THE DISASTER MANAGEMENT LANDSCAPE



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ICT MANAGER

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CDERA Regional Projects with ICT

Institutional Support and Capacity Building for
Disaster Management in the Caribbean – 9th
European Development Fund (**EDF**)

Tsunami and Other Coastal Hazards Warning
Systems Project (**TCHWS**)

Earthquake Readiness Capacity Building Project

International Development Research Centre (**IDRC**) –
E- Messaging and PACTOR research



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Institutional Support and Capacity Building for Disaster Management in the Caribbean Project

- Goal – To provide institutional and capacity-building support for the implementation of a Caribbean CDM Strategy Framework
- Funded under the 9th European Development Fund (**EDF**)
- Project Completion – **February 2010**



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EDF Activities

- Increased information sharing via ICTs – **EURO 899,000**
 - Enhancement of ICT infrastructure for information sharing in CDERA Participating States
 - Upgrade of Relief Supplies Tracking System at CDERA CU
 - Development of Virtual Library at CDERA CU



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EDF Activities

ICT Infrastructure Consultancy

- **Conduct a baseline review of the existing ICT skills and infrastructure**
- **Develop a plan for upgrading the information-sharing infrastructure**
- **Design and demonstrate a Model ICT Contingency Plan for CDERA member states**



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EDF Activities

ICT Infrastructure Consultancy

- Design a Communication Technology Policy that addresses:
 - Use of ICTs in information-sharing
 - A management structure that supports the ICT infrastructure



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EDF Activities

Relief Supplies Tracking System Upgrade

- Review the benefits and limitations of the existing RSTS and training documents
- Develop and deploy the new RSTS software
- Produce comprehensive documentation (e.g., Installation and User Manuals)



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EDF Activities

Relief Supplies Tracking System Upgrade

- **Develop training materials and conduct training programmes**
- **Deploy the new RSTS software**



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EDF Activities

Virtual Library Consultancy

- **Conduct a baseline review of the existing Virtual Library and its related infrastructure**
- **Develop and deploy the new Virtual Library**
 - **Must have a user-friendly interface**
 - **With sufficient capacity to store multimedia**
 - **That facilitates remote access to, and uploading of, information**

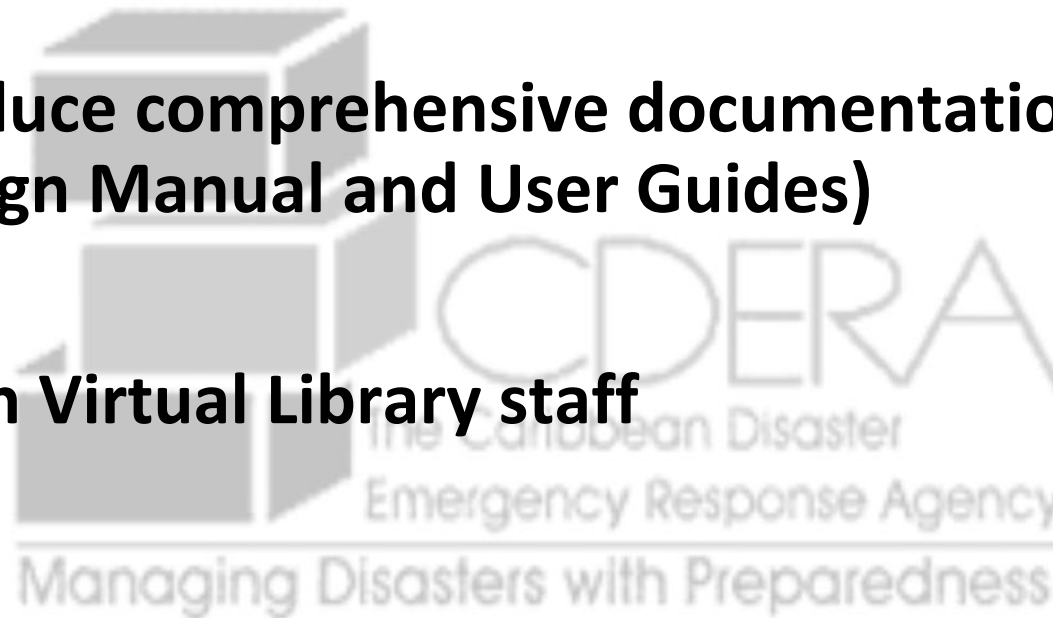


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EDF Activities

Virtual Library Consultancy

- Produce comprehensive documentation (e.g., Design Manual and User Guides)
- Train Virtual Library staff



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Tsunami and Other Coastal Hazards Warning System Project (TCHWS)

- Goal: To support the establishment and operation of the TCHWS for the Caribbean and Adjacent Regions currently coordinated by IOC/ICG-CARIBE
- Expected completion: **October 2009**



TCHWS Activities

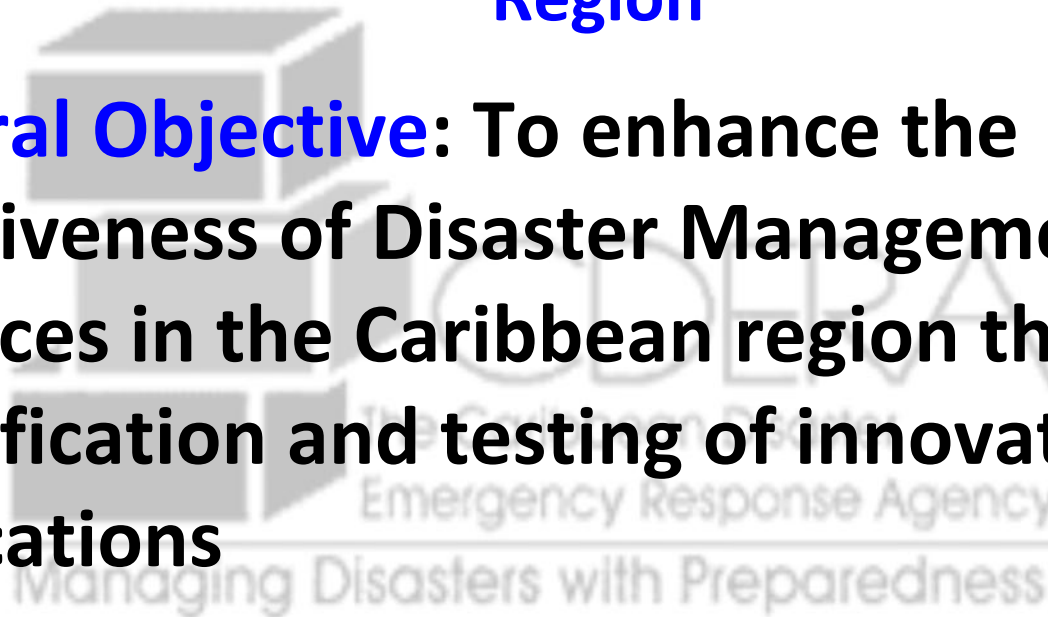
- Development of a website for dissemination of public awareness and warning information – **USD 20,000**
- Development of Tsunami Warning Protocols – traditional methods for communicating warnings as well as Website, SMS, Pagers, to ensure redundancy – Approx. **USD 100,000**



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Enhancing the effectiveness of ICT applications and tools for Disaster Management in the Caribbean Region

- **General Objective:** To enhance the effectiveness of Disaster Management practices in the Caribbean region through the identification and testing of innovative ICT applications



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Enhancing the effectiveness of ICT applications and tools for Disaster Management in the Caribbean Region

- **Specific Objectives:** “To test and analyze the role of Information and Communication Technologies (ICTs) to strengthen community knowledge and support in the collection of post information for earthquakes in the Eastern Caribbean”
- **Funded by:** International Development Research Centre (IDRC)
- **Funding:** **\$930,716**



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Earthquake Readiness Capacity Building Project

- Campaign to promote personal and structural earthquake safety
 - Redesign of earthquake webpage
- Funding: **EURO 106,000**
- Completion Date: **September 2009**



Caribbean Regional
Emergency Operations Center
Information System Project

In Progress Report

December 2008



PURPOSE



Develop and implement a Caribbean Regional Emergency Operations Center (REOC) Information System that will aid in achieving regional integration of the National Emergency Operation Centers (NEOCs).



OBJECTIVES



- Implement a Caribbean REOC Information System
- Achieve Regional integration of the National EOCs
- Provide a tool for information sharing for disaster response and emergency management
- Increase response capabilities of National EOC's
- Create a **Collaborative Environment** in which information is shared by Caribbean NEOCs
- Improve the response capability of Host Nations during disaster situations



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TIMELINE 2008-2009



- **Nov 22 – Dec 19, 2008-** Hardware and Software CREOC Project received in Miami.
- **Dec 15-19** – Operating System installed on servers.
- **Dec 15-19** – Install WebEOC, SQL 2005, and other software.
- **Dec 17-20** – Test and Burn-in servers, de-bug software.
- **Dec 17-20** – Install Back-up Servers and hardware in Miami
- **Dec 17-20** – Servers and CISCO Switches configured



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- **Dec 17-20** – Pre-Coordination with Commercial company to ship hardware to NEOCs.
- **Dec 29-30** – CREOC Initial Operational Capability (Miami Back-Up)
- **Jan 12-16, 2009** – Shipment of Servers, Hardware, and VSAT equipment to Caribbean.
- **Feb 10-13, 2009** – Primary Servers and Hardware installation in Barbados.
- **Feb 20 2009** – Full Operational Capability Caribbean REOC System.
- **Mar 2-6, 2009** – WebEOC Training Workshop (Barbados).



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VSAT Installation Schedule

- Feb-17-20 – Barbados
- March 3-6 – Trinidad
- March 9-12 – Antigua
- March 24-27 – Jamaica



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