

DREF operation final report



International Federation
of Red Cross and Red Crescent Societies

Madagascar: Cyclone Hubert

DREF operation n° MDRMG006
GLIDE n° TC-2010-000053-MDG
23 November 2010

The International Federation's Disaster Relief Emergency Fund (DREF) is a source of un-earmarked money created by the Federation in 1985 to ensure that immediate financial support is available for Red Cross Red Crescent response to emergencies. The DREF is a vital part of the International Federation's disaster response system and increases the ability of National Societies to respond to disasters.

Summary: CHF 280,171 (USD 264,562 or EUR 195,787) was allocated from the International Federation of Red Cross and Red Crescent Societies (IFRC's) Disaster Relief Emergency Fund (DREF) to support the Malagasy Red Cross Society (MRCS) in delivering immediate assistance to some 5,000 families.

The National Society carried out detailed assessments to identify the needs of the population affected by cyclone Hubert in seven districts. MRCS provided affected families with non-food items (NFIs) and water and sanitation kits so that they could regain their normal daily lives. In addition, the NS volunteers distributed potable water and conducted hygiene promotion immediately following the cyclone-caused floods. This contributed to reduced risk of water-borne diseases. MRCS disinfected and rehabilitated wells in the affected communities. Local Management Committees were established to empower community members with respect to continued maintenance of the wells. Access to some areas was difficult, and MRCS volunteers often had to access these areas on foot.



Rehabilitation of wells by MRCS Volunteers
Photo: MRCS

The IFRC and the French Red Cross led, Indian Ocean Regional Intervention Platform (PIROI¹) supported MRCS in Manakara District in terms of reporting and general coordination. The IFRC's Indian Ocean Islands (IOI) Regional Representation office in Mauritius, and PIROI office in La Réunion, facilitated the deployment of two regional disaster response team (RDRT) members, who provided technical support to MRCS through carrying out detail assessments, coaching and training of volunteers as well as reporting. PIROI provided technical support through its disaster management coordinator, and assisted through airlifting water and sanitation (WatSan) kits and equipment to the affected area.

MRCS local branches have a memorandum of understanding (MoU) with other stakeholders on disaster response operations including cooperation in food distribution and food-for-work projects. For this operation, MRCS coordinated with local authorities in providing food items and with UNICEF in WatSan. The Spanish Red Cross financially supported the MRCS in rehabilitation of wells in the affected areas.

[<Click here for the final financial report, or here to view contact details>](#)

¹ In French: Plateforme d'Intervention Regional Ocean Indien (PIROI).

The situation

On March 10, 2010, cyclone Hubert hit the East Coast of Madagascar. The moderate cyclone was accompanied by heavy rainfall, which caused flooding in seven districts namely Nosy Varika, Mananjary, Manakara, Vohipeno, Farafangana, Vangaindrano (south east) and Ambatondrazaka (middle east) districts. According to latest reports from the National Office for Management of Risks and Disasters (BNGRC)², 192,000 persons were affected, 85 deaths were reported, 132 people were wounded and 35 people went missing. The road networks were badly damaged, leading to limited accesses to some of the affected areas.

The East Coast Region was also affected by a Chikungunya outbreak (vector-borne disease, with fever, arthralgia, and headache). The MRCS carried out an emergency response operation to the epidemic. The [Chikungunya epidemic](#) as well as possible malaria outbreak, threatened the health of volunteers engaged in Cyclone Hubert activities.

Red Cross and Red Crescent action

The MRCS has consistently been one of the main humanitarian actors responding to emergencies in Madagascar. With its large network of volunteers, the National Society worked in close collaboration with other local and international agencies in delivering assistance to the affected population. Through financial and technical support from the IFRC and PIROI, the MRCS was able to scale-up its operation. The PIROI airlifted WatSan stock from Réunion Island and family kits from pre-positioned stock in Madagascar were mobilized to the affected areas. The PIROI disaster management coordinator was also deployed as RDRT leader. The RDRT support contributed to effective and detailed assessments, development and implementation of emergency assessment tools and training modules, as well as improved timeliness and quality in reporting.

Many of the affected populations had lost basic household items in the floods caused by Cyclone Hubert. With emergency funding support from the IFRC and assistance of its volunteers, MRCS was able to conduct detailed assessments and register beneficiaries who later were provided with cooking and WatSan kits, depending on their needs.

As the affected areas have some of the lowest level of hygiene practices in Madagascar (no latrine use), the risk of diarrhoea outbreak is very high during floods. The joint WatSan actions, which included distribution of potable water and wash kits immediately following the floods, and the disinfection of wells, helped in preventing the spread of water-borne diseases. With financial support from the Spanish Red Cross and IFRC's DREF, the MRCS rehabilitated a total of 1,195 wells, and supported the development of local management committees for ongoing maintenance of these wells.

Achievements against objectives

General objective: To provide the affected population with the basic equipment to improve their daily lives and contribute to improved health.

Water, sanitation and hygiene promotion

Objective: To improve safe water access to approximately 5,000 most vulnerable families who have been affected by the cyclone.

Activities planned

- Mobilize, train and deploy volunteers to conduct detailed assessment in existing coverage in five districts.
- Mobilize PIROI and MRCS water supply equipment to provide affected population with safe water in critical areas.
- Procure and distribute household WatSan kits to 5,000 families.
- Clean and disinfect affected wells in seven districts.
- Carry out hygiene and sanitation awareness campaign to reduce risk of water and vector borne disease.
- Procure and distribute family WatSan kits for household water treatment and safe storage.

² In French: Bureau National Gestion des Risks et Catastrophes (BNGRC)

Impact

With support from PIROI and the IFRC's IOI RDRT deployed members, a total of 140 volunteers were trained and mobilized in the seven affected districts. The MRCS volunteers were able to carry out detailed assessments in all the seven districts, gathering detailed information on the real needs of the population. The volunteers gained more experience in relief, WatSan and assessments as well as preparedness during the duration of the operation.



MRCS Volunteers conducting needs assessment
Photo: MRCS

A total of 1,500m³ of potable water was distributed to 18,400 beneficiaries affected by Cyclone Hubert in three targeted districts: Nosy Varika, Vohipeno and Vangaindrano. The immediate distribution of potable water following flooding helped to prevent the spread of water-borne disease such as diarrhoea. No outbreak was reported within the target population, although the affected area has the highest risk of water-borne disease in Madagascar. This was made possible by 30 MRCS volunteers were mobilized in the target districts.

A total of 96 MRCS volunteers were mobilized in the seven districts to disinfect 1,195 wells, and 84,438 families benefited from improved water sources. The rehabilitation of wells allowed families to regain their daily activities. Local management committees were established to manage the rehabilitated wells. This contributed to improved capacity and empowerment of local populations in maintaining their water sources.

A total of 197 volunteers were mobilized in the seven districts to carry out basic health and hygiene awareness campaigns, where 22,977 beneficiaries were sensitized on proper hygiene practices. This contributed to prevention of water-borne disease outbreaks as none was reported during the operation. A total of 5,000 WatSan kits were distributed to 5,000 families, thus providing them with appropriate tools to disinfect and store water in a safe manner within their households.

Challenges:

Some communities were hardly accessible because of damaged roads. The volunteers had to go on foot to carry out relief activities. The limited access made information gathering and monitoring of activities difficult and inconsistent. The results of assessment from various stakeholders differed, which affected coordination of activities. In response to these challenges, the Inter-Agency Standing Committee (IASC) team conducted a multi-sectorial assessment in order to harmonize findings of different stakeholders.

Relief distributions (food and basic non-food items)

Objective 1: To distribute family kits to approximately 5,000 affected families.

Activities planned

- Mobilize, train and deploy volunteers to conduct detailed assessment in existing coverage in five districts.
- Develop beneficiary targeting strategy and registration system to deliver intended assistance.
- Procure and distribute 5,000 family kits.
- Monitor and evaluate the relief activities and provide reporting on relief distributions.

Objective 2: To provide basic services in temporary IDP camps.

Activities planned

- Mobilize, train and deploy volunteers to coordinate basic service in Camps (food distribution, water supply, sanitation and health sensitization).
- Develop registration system to deliver intended assistance.

Impact

With support from deployed RDRT members, MRCS volunteers registered the affected families based on the IFRC criteria in targeting the most vulnerable. A total of 5,000 families were registered to benefit from relief assistance. The local authorities validated the beneficiary lists. In total, 5,000 cooking kits and 5,000 WatSan kits were distributed to 7,252 families to help them regain their daily lives.

A total of 2,252 families benefited from cooking kits alone, an additional 2,252 benefited from WatSan kits alone and, 2,748 benefited from both cooking and WatSan kits. Among them, 500 families from Nosy Varika District and 500 families from Mananjary District had received WatSan kits from PIROI distributed at the beginning of the operation. The beneficiaries also assisted the MRCS volunteers during relief distribution and WatSan Activities. They assisted by loading the relief items, maintaining security and verification of identity of target beneficiaries.

Table 1: Distribution of NFIs to Target Beneficiaries

District	No of beneficiaries who received cooking kit only	No of beneficiaries who received WatSan kit only	No of beneficiaries who received WatSan + cooking kit	Total No of beneficiaries
Nosy Varika	0	828	2,140	2,968
Mananjary	661	0	0	661
Manakara	300	0	0	300
Vohipeno	449	0	0	449
Farafangana	842	970	0	1,812
Vangaindrano	0	287	178	465
Ambatondrazaka	0	167	430	597
TOTAL	2,252	2,252	2,748	7,252

The affected families in seven districts were provided with family kits that consisted of cooking pots, plates, spoons, knives and ladles. A total of 5,000 kits were distributed with the help of 85 MRCS volunteers. With support from RDRT members, evaluation, registration and reporting tools were developed and disseminated to MRCS staff and volunteers deployed during the operation. The distribution reports were closely monitored by the MRCS disaster management coordinator, which contributed to more accurate information and timely reporting of the operation.

In collaboration with the WFP and local authorities, 70 MRCS volunteers assisted in the distribution of food items to families displaced by the floods in Manakara District. A total of 1,010 families benefited from food distributions. The volunteers also conducted hygiene promotion and sensitization sessions, contributing to prevention of disease outbreaks.

Food security of affected families was improved through the replacement of their cooking sets that were lost during the floods. Volunteers have more experience in terms of relief, WatSan and assessment and are better prepared for the next cyclonic period.

Challenges:

The political environment is still unstable, which makes the operating environment volatile. However, there were no reported incidences of violence during the operation.

The Chikungunya epidemic poses a threat to the health of MRCS volunteers. Anti mosquito cream have been procured and distributed to volunteers working in affected areas, to protect them from mosquito bites. No reports of malaria were reported among the volunteers.

How we work

All International Federation assistance seeks to adhere to the [Code of Conduct for the International Red Cross and Red Crescent Movement and Non-Governmental Organizations \(NGO's\) in Disaster Relief](#) and the [Humanitarian Charter and Minimum Standards in Disaster Response \(Sphere\)](#) in delivering assistance to the most vulnerable.

The International Federation's vision is to inspire, encourage, facilitate and promote at all times all forms of humanitarian activities by National Societies, with a view to preventing and alleviating human suffering, and thereby contributing to the maintenance and promotion of human dignity and peace in the world.

The International Federation's work is guided by [Strategy 2020](#) which puts forward three strategic aims:

1. Save lives, protect livelihoods, and strengthen recovery from disaster and crises.
2. Enable healthy and safe living.
3. Promote social inclusion and a culture of non-violence and peace.

Contact information

For further information specifically related to this operation please contact:

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MDRMG006 - Madagascar - Cyclone Hubert

Appeal Launch Date: 23 mar 10

Appeal Timeframe: 23 mar 10 to 23 jul 10

Final Financial Report

Selected Parameters	
Reporting Timeframe	2010/3-2010/11
Budget Timeframe	2010/3-2010/7
Appeal	MDRMG006
Budget	APPEAL

All figures are in Swiss Francs (CHF)

I. Consolidated Funding

	Disaster Management	Health and Social Services	National Society Development	Principles and Values	Coordination	TOTAL
A. Budget	280,171					280,171
B. Opening Balance	0					0
Income						
Other Income						
<i>Voluntary Income</i>	265,832					265,832
C6. Other Income	265,832					265,832
C. Total Income = SUM(C1..C6)	265,832					265,832
D. Total Funding = B + C	265,832					265,832
Appeal Coverage	95%					95%

II. Movement of Funds

	Disaster Management	Health and Social Services	National Society Development	Principles and Values	Coordination	TOTAL
B. Opening Balance	0					0
C. Income	265,832					265,832
E. Expenditure	-265,832					-265,832
F. Closing Balance = (B + C + E)	0					0

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III. Consolidated Expenditure vs. Budget

Account Groups	Budget	Expenditure					TOTAL	Variance
		Disaster Management	Health and Social Services	National Society Development	Principles and Values	Coordination		
A							B	A - B
BUDGET (C)		280,171					280,171	
Supplies								
Water & Sanitation	155,873	132,702				132,702	23,171	
Utensils & Tools	27,778	39,458				39,458	-11,680	
Total Supplies	183,651	172,160				172,160	11,491	
Land, vehicles & equipment								
Office/Household Furniture & Equipm.	1,278	14,976				14,976	-13,698	
Medical Equipment	1,556	1,513				1,513	43	
Total Land, vehicles & equipment	2,834	16,489				16,489	-13,655	
Transport & Storage								
Storage	1,000	955				955	45	
Transport & Vehicle Costs	22,534	21,261				21,261	1,273	
Total Transport & Storage	23,534	22,216				22,216	1,318	
Personnel								
Regionally Deployed Staff	14,466	7,890				7,890	6,576	
National Staff	14,194	7,495				7,495	6,699	
National Society Staff	20,425	6,901				6,901	13,524	
Total Personnel	49,085	22,287				22,287	26,798	
General Expenditure								
Travel		207				207	-207	
Information & Public Relation		2,613				2,613	-2,613	
Office Costs		367				367	-367	
Communications	3,967	4,504				4,504	-537	
Financial Charges		8,765				8,765	-8,765	
Total General Expenditure	3,967	16,455				16,455	-12,488	
Programme Support								
Program Support	17,100	16,224				16,224	875	
Total Programme Support	17,100	16,224				16,224	875	
TOTAL EXPENDITURE (D)	280,171	265,832				265,832	14,339	
VARIANCE (C - D)		14,339				14,339		