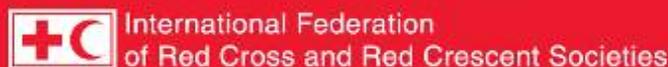


# DREF operation final report



## Rwanda: Rubavu Landslide

DREF operation n° MDRRW006  
22 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.

**CHF 177,163 (USD 165,418 or EUR 123,717) has been allocated from the Federation's Disaster Relief Emergency Fund (DREF) to support the Rwanda Red Cross National Society (RRCS) in delivering immediate assistance to some 5,920 beneficiaries.**

**Summary:** Following the unusually extended and widespread rains (in Rubavu, Musanze, Gakenke, Muhanga and Nyamagabe districts of western, northern and southern provinces) that started in January 2010, more than 12,000 people were affected, and more than 21 lives were lost as a result of subsequent floods. The district of Rubavu was severely affected by the floods which caused a landslide on Mt Rubavu, on 26th March 2010, where 14 lives were lost.

Communities in two cells of Rubavu Sector (Mahoro and Rubavu cells) were among the most affected by landslides. As a consequence of heavy rains along Rubavu hills in Western Province, 5,920 people (1,184 families) were made homeless as their houses were destroyed. Infrastructure was also damaged including roads connecting to villages and latrines. A significant number of water wells which serve as major sources of water for family use were ruined leaving thousands of families without access to clean, safe water. The damaged water system rose in contamination leaving the communities to seek alternative water sources for domestic use.

The majority of the affected people were accommodated in three identified sites (Murambi, Karukogo and Kanembwe in Rubavu Sector). The local Government authorities worked together with the Army, Police, Rwanda Red Cross (RRCS) and disaster management stakeholders in establishing temporary living settlements for the displaced population. The RRCS volunteers were mobilized to distribute health and shelter relief items as well as food items, targeting beneficiaries in landslide hit area of Rubavu Sector.

The major donors to the DREF are the Irish, Italian, Netherlands and Norwegian governments and ECHO. Details of all donors can be found on: <http://www.ifrc.org/what/disasters/responding/drs/tools/dref/donors.asp>



RRCS volunteers  
distributing food to people  
affected by land slides:  
Photo RRCS



RRCS volunteers  
constructing a pit latrine:  
Photo RRCS

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

## The situation

On 26th March 2010, heavy rains occurred in Rubavu, Western Province leading to landslides that killed 14 people. The landslides also caused extensive damage to houses and property displacing 1,184 households (5,920 people). Water wells were also damaged leaving over 6,165 people without access to safe and clean water. In total, approximately 12,085 people were rendered vulnerable by the landslide.

**Table 1: Total affected populations displaced in Mahoro and Rubavu areas.**

Areas	Families	Men	Women	Children
Mahoro	457	398	486	1,190
Rubavu	727	685	709	2,697
<b>Total</b>	<b>1,184 (5,920 people)</b>	<b>1,083</b>	<b>1,195</b>	<b>3,887</b>

After initial assessments of the situation, it showed that some houses were completely destroyed and others were at high risk of further landslides. The rain continued to fall and so a decision was made to relocate 1,184 households immediately from 3 different areas that included Murambi, Kanembwe, and Karukogo in the Rubavu Sector in order to prevent more deaths if further landslides took place. The households were relocated in 3 new sites. The RRCS, through its volunteers, dealt mainly with families that included more vulnerable persons (elderly, widows and patients) to help them to settle in the new site. The sites did not have basic infrastructures such as water supply systems and there was concern that the situation was likely to force people to look for alternative sources of water, thus increasing the risk of use of contaminated water leading to the spread of waterborne diseases.

A total of 6,165 people had been forced to abandon their homes in search of a safer ground, of these; over 600 people were made critically vulnerable. The RRCS requested the International assistance to respond to the needs of affected people.

## Coordination and partnership

The Rwanda Government was in charge of the general coordination, regularly providing information on implementation of activities in the different sites. The RRCS through its respective local branch in the affected areas worked closely with the local government, National Disaster Management Centre (NDMC) and collaborated with other agencies such as the United Nations Children's Fund (UNICEF), and the World Food Program (WFP) in supporting the affected community. The affected populations were involved in the planning process with the NS and other stakeholders for effective execution of activities.

The RRCS, through its volunteers provided direct support to the affected persons, paying special attention to the sick and elderly. The World Food Program provided food items while 'Pro Femme/Twese Hamwe' (a local non-governmental organization) provided non-food items. UNICEF provided a total of 41 Ecological sanitation (EcoSan) toilets, and the Rwandan Government provided land for resettlement of the affected populations. The DREF was utilized to purchase non-food items, water treatments, fuel, construction materials and pay for maintenance and communication costs as well as volunteers' expenses and follow up fees.

## Red Cross and Red Crescent action

**Overall objective:** To provide emergency humanitarian assistance to households affected by Landslides in Rubavu district and implement disease prevention and health promotion for a period of 3 months

Relief distributions (food and basic non-food items)
<b>Specific objective 1: To food, basic non-food and shelter items to 1,184 households affected by Landslides and relocate 5,920 people.</b>
<b>Activities planned</b>
<ul style="list-style-type: none"> <li>• Register the affected people by household, age and sex</li> <li>• Purchase plastic sheeting, blankets, sleeping mats, and clothing based on the International Federation of Red Cross and Red Crescent Societies (IFRC) procurement standards and procedures</li> <li>• Distribute the blankets, kitchen sets, sleeping mats, plastic sheeting, washing soap, clothing and food based on minimum Sphere standards.</li> </ul>

**Achievements:**

The RRCS was prompt in its response to the disaster through the distribution of its existing emergency relief stocks. The items procured and distributed included non-food items such as sleeping mats, kitchen sets, clothes, soap, blankets and plastic sheeting. These non-food items were purchased in the local markets. At the beginning of the operation, the RRCS distributed 2,028 plastic sheeting to 1,014 families (2 plastic sheets per family).

The elderly population were assisted in building provisional shelters as well as construct latrines. In addition, volunteers conducted home visits to people living with HIV and the elderly. This population was also assisted in accessing hospitals by providing transport. The beneficiaries have since settled in and some have gone back to their trade businesses or established kitchen gardens, thus they are able to feed themselves.

**Table 2: Non food items (NFIs) and shelter items provided by RRCS**

Items	Site			Total 1,184 Families
	Kanembwe 503 Families	Bushengo 401 Families	Karukogo 280 Families	
Kitchen sets	503	401	280	1,184
Plastic sheeting	1,006	802	560	2,368
Blankets	1,006	802	560	2,368
Sleeping mats	1,006	802	560	2,368
Soap	2,012	1,604	1,120	4736
Jerry cans	1,006	802	560	2,368
Clothes	20	15	10	45

**Water, sanitation and hygiene promotion**

**Specific objective 2: To contribute to the prevention and control of water and vector borne diseases among 1,184 households (5,920 people) affected by landslides.**

**Activities planned**

- Purchase water tanks, hygiene items and 2,040 long lasting insecticide-treated mosquito nets - LLITNs (two per household) based on IFRC procurement, standards and procedures.
- Distribute jerry-cans, soap and hygienic pads.
- Conduct refresher training for volunteers on malaria prevention and control as well as cholera and acute watery diarrhoea (AWD) prevention and control.
- Conduct sensitization campaigns on prevention and control of malaria, focusing on proper use of LLITNs, early case detection and referral.
- Focus on prevention of AWD and/or cholera outbreak.
- Conduct sensitization campaigns on poor hygiene and waterborne and/or water related diseases using the Participatory Hygiene and Sanitation Transformation (PHAST) methodology.
- Construct latrines for displaced communities.
- Set up compost and mobile dustbins in the new sites selected.
- Produce information, education and communication and/or behavioural change communication (IEC/BCC) materials and volunteer toolkits to be utilized during health education and promotion.

**Achievements:**

Sixty litres of toilet disinfectants were distributed to be used in public latrines. One water bladder tank with a capacity of 10m<sup>3</sup> was provided to the affected people so as to have access to clean drinking water. In addition, the National Society undertook the repair and installation of a water tank together with their truck. This water tank was used to supply water to the beneficiaries in the temporary settlements, thus ensuring availability of clean and safe water for the population.

Rwanda Red Cross volunteers were deployed to the three sites where the displaced population was re-allocated. The volunteers sensitized the families on hygiene measures such as maintaining a clean environment, washing of hands before meals and after the toilet to avoid outbreak of diseases such as cholera and acute watery diarrhoea (AWD). The sensitization sessions were conducted in collaboration with health workers in Rubavu Centre

The RRCS constructed 24 pit latrines, 24 bathrooms and 10 compost pits for the displaced people in Rubavu Sector. Twenty-five (25) Red Cross volunteers, three (3) local authority representatives, and six beneficiaries' representatives were trained on Participatory Hygiene and Sanitation Transformation in Emergency Response (PHASTER) as well as on malaria prevention methods.

A documentary film on the Rubavu Landslide operation is in the process of being finalized. The film gives an account of how the landslide caused serious damage to the populations in the affected areas. It also shows the response of the Rwanda Red Cross as well as response from other actors on the ground. This film will be ready for dissemination after editing by the information and dissemination Department of the National Society.

<b>Emergency health</b>
<b>Specific objective 3: Contribute to the prevention of infant and maternal mortality through provision of components of minimum initial service package to the affected population.</b>
<b>Activities planned</b>
<ul style="list-style-type: none"> <li>• Distribution of BP5 provided by UNICEF</li> <li>• Promote proper breast feeding practices to reduce infant mortality</li> <li>• Conduct health education and promotion to the community, targeting mothers and focusing on prevention of childhood illness such as measles</li> </ul>

**Achievements:**

The Rwanda Red Cross volunteers have sensitized mothers to monitor the health of their children and take them to nearest health centres in case of illness such as kwashiorkor. Mothers and pregnant women were also sensitized on reproductive health, birth spacing. The United Nation's Children's Fund (UNICEF) had pledged to provide BP 3 biscuits to be distributed to the affected children and lactating mothers. However, the NS did not receive these items.

<b>Emergency shelter</b>
<b>Specific objective 4: To improve the living conditions for 100 most vulnerable households through provision of construction tools.</b>
<b>Activities planned</b>
<ul style="list-style-type: none"> <li>• Identification of the most vulnerable households for the iron sheets distribution</li> <li>• Procurement, transportation, and distribution of the iron sheets and nails for construction of the rooftop of the houses</li> </ul>

**Achievements:**

The RRCS volunteers identified a total of 250 households who were in need of iron sheets and other house construction materials. With the available funds, a total of 100 affected households were purchased and distributed to the 100 households.

<b>Logistics</b>
<b>Specific objective 5: Strengthen the National Society's logistics capacity through effective warehouse management.</b>
<b>Activities planned</b>
<ul style="list-style-type: none"> <li>• Receive goods provided by the Rwandan Government and other humanitarian actors</li> <li>• Transport non-food items</li> <li>• Produce daily warehouse reports</li> <li>• Set up a distribution calendar and disseminate it to beneficiaries</li> </ul>

**Achievements:**

The Rubavu Branch committee selected four RRCS volunteers to be trained in warehousing systems and procedures. In addition, four volunteers were trained in stock management. This ensured that proper records of stock movement were kept. Regular reports on stocking and stock-outs were provided to the DM focal person. Additional Non-food items were repositioned in Rubavu Branch. This was done to replenish the stocks as well as to be prepared for any other unforeseen emergency.

## 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 IFRC'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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[<Final financial report below; click here to return to the title page>](#)

MDRRW006 - Rwanda - Landslide

Appeal Launch Date: 08 apr 10

Appeal Timeframe: 08 apr 10 to 08 jul 10

Final Financial Report

Selected Parameters	
Reporting Timeframe	2010/4-2010/11
Budget Timeframe	2010/4-2010/7
Appeal	MDRRW006
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
<b>A. Budget</b>	177,163					177,163
<b>B. Opening Balance</b>	0					0
<b>Income</b>						
<b>Other Income</b>						
<i>Voluntary Income</i>	174,150					174,150
<b>C6. Other Income</b>	174,150					174,150
<b>C. Total Income = SUM(C1..C6)</b>	174,150					174,150
<b>D. Total Funding = B + C</b>	174,150					174,150
<b>Appeal Coverage</b>	98%					98%

## II. Movement of Funds

	Disaster Management	Health and Social Services	National Society Development	Principles and Values	Coordination	TOTAL
<b>B. Opening Balance</b>	0					0
<b>C. Income</b>	174,150					174,150
<b>E. Expenditure</b>	-174,150					-174,150
<b>F. Closing Balance = (B + C + E)</b>	0					0

International Federation of Red Cross and Red Crescent Societies

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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	
<b>BUDGET (C)</b>	<b>177,163</b>						<b>177,163</b>	
<b>Supplies</b>								
Shelter - Relief	37,985							37,985
Construction Materials	30,915							30,915
Clothing & textiles	18,558							18,558
Water & Sanitation	23,659							23,659
Utensils & Tools	4,815							4,815
<b>Total Supplies</b>	<b>115,932</b>							<b>115,932</b>
<b>Land, vehicles &amp; equipment</b>								
Others Machinery & Equipment	5,769							5,769
<b>Total Land, vehicles &amp; equipment</b>	<b>5,769</b>							<b>5,769</b>
<b>Transport &amp; Storage</b>								
Distribution & Monitoring	825							825
Transport & Vehicle Costs	20,025							20,025
<b>Total Transport &amp; Storage</b>	<b>20,850</b>							<b>20,850</b>
<b>Personnel</b>								
Regionally Deployed Staff	1,600							1,600
National Society Staff	15,742	76					76	15,666
<b>Total Personnel</b>	<b>17,342</b>	<b>76</b>					<b>76</b>	<b>17,266</b>
<b>General Expenditure</b>								
Travel	1,500	898					898	602
Information & Public Relation	2,500							2,500
Communications	1,500							1,500
Financial Charges	254							254
<b>Total General Expenditure</b>	<b>5,754</b>	<b>898</b>					<b>898</b>	<b>4,856</b>
<b>Contributions &amp; Transfers</b>								
Cash Transfers National Societies		162,547					162,547	-162,547
<b>Total Contributions &amp; Transfers</b>		<b>162,547</b>					<b>162,547</b>	<b>-162,547</b>
<b>Programme Support</b>								
Program Support	11,516	10,629					10,629	887
<b>Total Programme Support</b>	<b>11,516</b>	<b>10,629</b>					<b>10,629</b>	<b>887</b>
<b>TOTAL EXPENDITURE (D)</b>	<b>177,163</b>	<b>174,150</b>					<b>174,150</b>	<b>3,013</b>
<b>VARIANCE (C - D)</b>		<b>3,013</b>					<b>3,013</b>	