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## Emergency Plan of Action (EPoA) Cape Verde: Volcano (Fogo)

 International Federation  
of Red Cross and Red Crescent Societies

DREF n° MDRCV002	Glide n° <a href="#">VO-2014-000158-CPV</a>
Date of issue: 5 December 2014	Expected timeframe: Three months (5 December 2014 – 5 March 2015)
Operation manager: Momodou Lamin Fye, IFRC Sahel regional representative	Project manager : Jimmi Lutete Larsen, DRR Delegate IFRC Sahel regional representation
DREF allocated: CHF 45,392	
Total number of people affected: 1,498	Number of people to be assisted: 498 (100 households)
<b>Red Cross of Cape Verde presence (n° of volunteers, staff, branches):</b> 117 volunteers (Fogo), 12 paid staff (Praia), CVRC is present in all nine inhabited islands of Cape Verde	
<b>Red Cross Red Crescent Movement partners actively involved in the operation:</b> CVRC, ICRC, IFRC	
<b>Other partner organizations actively involved in the operation:</b> Cape Verde Government, Cape Verde Institute for Child Protection, Cape Verde University, Embassies of USA, Brazil and Portugal, European Commission, municipality of Sao Filipe, Mosteiros and Santa Catarina (Fogo), National Institute of Meteorology and Geophysics, National Service of Civil Protection	

[<click here to view the budget>](#)

## A. Situation analysis

### Description of the disaster

On 23 November 2014, at 10.00 there was a volcanic eruption on the island of Fogo in Cape Verde, which has affected 1,498 people (out of a population of 37,000). In the Cha das Caldeiras region of the island, approximately 5,700 metres of Cha Sao Felipe road have been affected by lava flow, which has resulted in the Bangaeira, Djeu Lorna and Portela communities being cut off. Air traffic to and from the island has been stopped. All of the people who lived in the crater of the volcano were evacuated by the civil and protection military and have sought refuge in three camps (Mosteiros, Achada Furna and Montegrande) in schools, or are being hosted in the Achada Furna, Monte Grande, Sao Miguel Island, Santa Catarina and São Felipe communities (with the exception of 60 people who refused to leave their homes). Fogo volcano has continued to erupt and the lava flows have generated two courses towards grape fields in Cova Tina (South West), effectively cutting off the road to Bangaeira and Portela.



Map of affected area on the island of Fogo, Cape Verde

By 26 November 2014, the lava flows had slowed, moving by 7-8m/hour, and then by 1-3 m/hour indicating a decrease in the activity of the eruption. Volcanologists have reported the reduction of emission of lava chimneys. A

decrease in volcanic gases and ash has also been reported. As of 5 December 2014, though the volcano has not resulted in any loss of lives, the lava flows have destroyed fifty seven homes, one school and one hotel. More houses remain at risk especially in Bangaeira and Portela, the lavas are continuing to flow, and as such no timeframe can be given as to when the affected population will be able to return home. It is expected that they will be displaced for the foreseeable future.



## Summary of the current response

### Overview of Host National Society

On 23 November 2014, the Cape Verde Red Cross (CVRC) in coordination with the Government of Cape Verde (GoCV) and municipalities set up three camps (with a population of 498). The CVRC has distributed non-food items (NFIs) (comprising of bed covers, buckets, clothes, casseroles, glasses, gloves, jerry cans, lanterns, mattresses, medication, personal hygiene kits, plates, sheets, shovels, soap, tents, water filters; as well as food items (comprising of biscuits, cereal, flour, maize, milk, pasta, rice, soup and sugar) to the population of the camps. Please note that the CVRC stocks have now been depleted. The CVRC also carried out restoring family links (RFL) activities (as of 5 December 2014, seven people are still not reunited with their families). In total, 117 CVRC volunteers have been deployed to support the response to the volcanic eruption. The CVRCs last experience of managing a DREF operation was in 2010, and as such is requesting the deployment of an IFRC Regional Disaster Response Team (RDRT) member (or equivalent personnel) to support the effective implementation and monitoring of the activities planned.

### Overview of Red Cross Red Crescent Movement in country

The IFRC Sahel regional representation based in Dakar, Senegal, is supporting the CVRC through its Disaster Response Management unit (DRM) in collaboration with the Disaster Management Unit (DMU) in the Africa zone office based in Nairobi, Kenya. The IFRC has a pool of RDRTs, who can be deployed immediately, as well as pre-positioned NFI stocks (in Dakar) that can also be made available to support the response. The International Committee of Red Cross (ICRC) is providing support to the CVRC in the area of RFL.

### Overview of non-RCRC actors in country

The GoCV, Cape Verde Institute for Child Protection, Cape Verde University, Embassies of USA, Brazil and Portugal, European Commission, municipality of Sao Filipe, Mosteiros and Santa Catarina (Fogo), National Institute of Meteorology and Geophysics and National Service of Civil Protection are all involved in the response; and the CVRC is working with these agencies to ensure coordination. The GoCV called an immediate meeting of the National Council for Protection (NCP) following the volcanic eruption, of which the CVRC is a member. The NCP meeting was facilitated by the secretary general (SG) and disaster management (DM) coordinator of the CVRC. The GoCV has since requested international assistance and is working in collaboration with a number of partners including the CVRC, United Nations Children's Fund and World Food Programme etc. The Canary Islands have supported Cape Verde with helicopters for transport to the island; while the United Nations Disaster Assessment Coordination agency (UNDAC) is undertaking a multi-sector needs assessment. This IFRC DREF operation will coordinate and be complementary to the work of other actors such as UNDAC to not duplicate efforts. The CVRC have requested that they participate in the multi-sector needs assessment that is planned.

## Needs analysis, beneficiary selection, risk assessment and scenario planning

### Needs Assessment

The CVRC carried out a preliminary rapid needs assessment in consultation with the affected population, which identified a range of needs, including in the areas of: food, health (medical and first aid), relief, shelter, water, sanitation, hygiene promotion (WatSan); as well as capacity building of volunteers in camp management, logistics, psychosocial support and WatSan. However, as noted, it is recognised that a multi-sector needs assessment should now be carried out in collaboration with other agencies to inform the activities required in these sectors and to assign the lead agencies responsible.

The beneficiaries of this DREF operation will consist of the 498 people that have been taking refuge in the three camps - among these, there are 60 children including three living with disabilities, the elderly people and pregnant women. The GoCV has announced that children have to go back to the schools and that alternative housing would be granted to the affected people currently taking refuge in the three camps; however this has not been delivered on as yet, and there is as such an urgent need to provide emergency relief and temporary shelter assistance. The CVRC is in discussions with the municipality to secure land that can be assigned for the construction of the temporary shelters. Water supply is being provided by a private water company with a cistern truck, which is filling reservoirs in the areas where the affected population has been displaced. However, following the assessment that is planned within this operation, WatSan interventions might need to be considered.

### **Risk Assessment**

The risk of lava flows reaching Bangaeira and Portela remains a risk of affecting more of the Island's population. Road access remains a risk as lava flows have cut off roads and forces actors to take alternative routes. Gas and ashes continue to pollute the air and remain a threat to humanitarian workers and people living in affected areas. Protective masks will be considered.

## **B. Operational strategy and plan**

### **Overall objective**

The volcano-affected population's survival and immediate needs are met through the provision of essential emergency relief items and shelter assistance.

### **Proposed strategy**

- Carry out needs assessment and analysis of operations for potentially modifying activities. It will be conducted by the CVRC in collaboration with the RDRT and in coordination with other actors such as UNDAC. The IFRC Sahel regional representation will support the assessment process according to needs;
- Distribute NFIs and emergency shelter items to cover urgent primary needs. Beneficiaries will be sensitized on the construction of emergency shelters at the point of distribution and will be available to assist the affected population;
- Identify new camp location in coordination CVRC, RDRT and local municipality;
- Ensure integrated programming between sectors if operation prolonged/modified;
- Identify people living in host families and carry out activities in support of both host families and displaced people;
- Replenishment of NFIs distributed by CVRC to the affected population.

### **Operational support services**

#### **Human resources**

The CVRC has 12 paid staff in Praia City who have been deployed to Fogo Island and are supported in the response by 117 volunteers. The DREF operation will support the deployment of two staff and 20 volunteers for ten days to carry out assessment and distribution activities. The CVRC also has eight National Disaster Response Team (NDRT) members, 60 Community Disaster Response Team (CDRT) members, five relief, 17 health, one WatSan, two hygiene promotion staff, as well as 11 vehicles that can be used within this response. CVRC is present in all nine inhabited islands of Cape Verde. A RDRT (or equivalent personnel) with a shelter profile will be deployed full-time for two months to ensure the effective implementation and monitoring of the DREF operation, especially with regards to shelter activities planned.

#### **Logistics and supply chain**

NFIs can be provided by the IFRC Sahel regional representation with transportation from Dakar to Cape Verde expected to take one week. The CVRC has three warehouses in Praia, where NFIs will be stored prior to distribution. The CVRC will ship NFIs to Fogo Island, from where a truck would be hired for their transportation to camps.

### **Information technologies (IT)**

The DREF will support communication costs (see budget) related to the implementation of the activities planned.

### **Communications**

The CVRC communications staff will at appropriate intervals inform the public authorities and media of the DREF operation; as well as ensure the visibility of any back donors that contribute to its replenishment.

### **Resource Mobilization**

The CVRC have launched an internal campaign for visibility of the emergency, the needs and for resource mobilization. The CVRC has contacted partners and private companies for support and have received donations of food (four tons) and water.

### **Security**

A security plan will be developed that will inform of security threats and security measures to take into account; this will include but not be limited to further volcanic activity. Security conditions will be discussed with local authorities and community leaders. Yet, imminent risks remain such as lack of electricity and road access.

### **Planning, monitoring, evaluation, & reporting (PMER)**

The CVRC SG, DM coordinator and DREF assigned RDRT will ensure the coordination and implementation of the operation. There will be a monthly operations update. In addition, the IFRC Sahel regional representation will support with coordination, monitoring and reporting processes. In order to collect feedback from beneficiaries on the quality of the response, a beneficiary satisfaction survey will be developed and applied at the mid-point of the operation.

### **Administration and Finance**

The CVRC has an administration and finance system in place. A Memorandum of Understanding would be elaborated and signed between the CVRC and IFRC Sahel regional representation with the conditions and understanding of their respective obligations within this DREF operation. Financial resource management will be according to the CVRC regulations and DREF guidelines. The CVRCs own procedures will be applied to the justification of expenses process and will be done on IFRC formats. The DREF will not support permanent structural costs, only the additional expenses incurred during the three month operation such as communications and office materials.

## C. DETAILED OPERATIONAL PLAN

### Quality programming / Areas common to all sectors

<b>Outcome 1:</b> The DREF implementation is well coordinated, planned, monitored and evaluated with central actors in the field													
<b>Output 1.1 :</b> Carry out needs assessment and beneficiary selection followed by a coordinated planning process and monitoring/evaluation process													
Activities planned	Week / Month	1	2	3	4	5	6	7	8	9	10	11	12
Conduct needs assessment for the below components in coordination with other actors in the field (Civil protection/UNDAC)													
Conduct planning and coordination session and DREF revision if necessary													
Identification and mobilization of volunteers for distributions													
Identify beneficiaries for the distributions													
Beneficiary satisfaction survey													
Monitoring, evaluation and reporting													

### Shelter and settlements (and household items)

**Needs analysis:** The preliminary needs assessment raised the imminent need to support the disaster affected populations with emergency shelter as they are currently housed in schools and the government intends to recommence the school activities for the students of Fogo immediately.

**Population to be assisted:** The 498 people that have taken refuge in three camps in schools.

<b>Outcome 1:</b> Volcano-affected people have access to NFIs and emergency shelter													
<b>Output 1.1 :</b> Distribution of NFIs and emergency shelter items undertaken to meet the needs of volcano-affected people													
Activities planned	Week / Month	1	2	3	4	5	6	7	8	9	10	11	12
Procurement/transport of NFIs													
Sensitization by RDRT of volunteers in use of shelter tool kits													
Distribute NFIs (buckets, blankets, kitchen sets, jerry cans, mosquito nets, shelter toolkit, sleeping mats, soap and tarpaulins)													
Sensitization of beneficiaries on use of shelter tool kit													
Replenishment of CVRC stocks													

### Budget

See attached budget for more details

# DREF OPERATION

05/12/2014

MDRCV002 Cape Verde (Fogo) Volcano

Budget Group	DREF grant budget
Shelter - Relief	12,000
Shelter - Transitional	0
Construction - Housing	0
Construction - Facilities	0
Construction - Materials	0
Clothing & Textiles	5,150
Food	0
Seeds & Plants	0
Water, Sanitation & Hygiene	100
Medical & First Aid	0
Teaching Materials	0
Utensils & Tools	4,220
Other Supplies & Services	0
Emergency Response Units	0
Cash Disbursements	0
<b>Total RELIEF ITEMS, CONSTRUCTION AND SUPPLIES</b>	<b>21,470</b>
Land & Buildings	0
Vehicles Purchase	0
Computer & Telecom Equipment	0
Office/Household Furniture & Equipment	0
Medical Equipment	0
Other Machinery & Equipment	0
<b>Total LAND, VEHICLES AND EQUIPMENT</b>	<b>0</b>
Storage, Warehousing	0
Distribution & Monitoring	0
Transport & Vehicle Costs	0
Logistics Services	0
<b>Total LOGISTICS, TRANSPORT AND STORAGE</b>	<b>0</b>
International Staff	12,000
National Staff	0
National Society Staff	2,200
Volunteers	1,350
<b>Total PERSONNEL</b>	<b>15,550</b>
Consultants	0
Professional Fees	0
<b>Total CONSULTANTS &amp; PROFESSIONAL FEES</b>	<b>0</b>
Workshops & Training	0
<b>Total WORKSHOP &amp; TRAINING</b>	<b>0</b>
Travel	3,500
Information & Public Relations	0
Office Costs	501
Communications	1,101
Financial Charges	500
Other General Expenses	0
Shared Support Services	0
<b>Total GENERAL EXPENDITURES</b>	<b>5,602</b>
Programme and Supplementary Services Recovery	2,770
<b>Total INDIRECT COSTS</b>	<b>2,770</b>
<b>TOTAL BUDGET</b>	<b>45,392</b>