

# Final report



International Federation  
of Red Cross and Red Crescent Societies

## Angola: Floods

Final report  
Emergency appeal n° MDRA002  
GLIDE n° FF-2007-000020-AGO  
29 May, 2008

Period covered by this Final Report: 30  
January 2007 – 30 May 2007

Appeal target (current): CHF 1,416,264  
(USD 1,133,011 or EUR 874,237);

Final Appeal coverage: 27%;

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

### Appeal history:

- CHF 90,764 was initially allocated from the Federation's Disaster Relief Emergency Fund (DREF) to support the national society in responding by delivering assistance.



One of the family latrines at a resettlement camp in Mupachi for families displaced by floods in early 2007

**Summary:** Angola Red Cross (ARC) provided humanitarian relief including non-food items, water and sanitation to over 5,000 households (100% of appeal target) being 810 in Luanda and 4,230 households in Cazombo, in response to localised flooding in the country. ARCS mobilised 153 volunteers who managed to reach the targeted population through social mobilisation, hygiene promotion and distribution of relief items.

The International Federation of Red Cross and Red Crescent Societies ensured technical support on implementation, coordination and resource mobilization through its Zone office in Southern Africa and country representative. A relief delegate experienced in water and sanitation activities was deployed to work with the National society for the duration of the operation.

## The situation

On 21 January 2007, persistent rainfall led to localised flooding mainly in Luanda and Moxico provinces, which caused extensive damage to infrastructure. In Luanda, the rain caused flash floods in the municipalities of Kilamba Kiaxi, Cacuaco, Samba and Ingombota where bridges connecting municipalities with the city of Luanda from Bengo province were damaged. It was reported that 3,000 families were left without shelter, 11 people went missing and 117 deaths reported as associated to the floods.

Due to the persistence of the rain, the floods extended to a number of other provinces, and Moxico (Cazombo district, Alto Zambezi) has been the worst affected. It is estimated that 5,000 families in ten villages in Moxico, were affected by the floods and required urgent relief assistance. Most of the affected villages were surrounded by water and roads were completely damaged. A total of 2,800 hectares of crop fields were submerged and the main source of food crop (cassava) was either destroyed by the rain or infested by pests. Communities resorted to using unsafe water from

the streams, which put them at risk to malaria, diarrhoeal diseases, skin and eye diseases, and respiratory tract infections. The floods also exacerbated the already precarious public health situation and triggered an increase of cholera cases in Luanda.

A task force led by the National Civil Protection Unit (CPU) of which ARC was an active member was established and became operational within three days of the disaster. Search and rescue teams using helicopters and divers from the military and police were deployed. Seven resettlement camps were identified and set up in the municipalities of Cacuaco, Kilamba Kiayi, Viana, Benfica and Cazenga. Approximately 4,000 people were safely relocated in the camps and provided with tents, mattresses, blankets and other basic relief non-food items. Communal latrines and water supply systems were installed in all the resettlement camps.

In Cazombo, the affected areas were only accessible by helicopters causing huge logistic constraints on the operation. The Red Cross only managed to deliver the much needed relief materials later in April using road transport up to Luena, the capital town of Moxico to be airlifted by government helicopters to Cazombo.

### Coordination

The role of the Federation County Representation was to provide technical support and liaison with international partners and media. The Federation deployed water and sanitation delegate was the focal person for directing technical support to the National Society. At country level, ARC established an internal task force, which facilitated information sharing and systematic implementation of the relief activities.

At government level, the Civil Protection Unit (CPU) was tasked to coordinate all relief activities in collaboration with the Red Cross. The structure that consists of all government agencies, ARC and other stakeholders created a platform for partners to share information and collectively plan on activities. At national level, the taskforce was chaired by the general brigade from the CPU, by the governor at provincial level and municipal administrators at municipal level.

In response to the emergency appeals, and the resource mobilisation strategy for ARCS, UNICEF donated some 50,000 oral rehydration solution tablets (ORS), 5,000 mosquito nets, 700,000 aqua tabs and ten hand pumps. Oxfam-United Kingdom also donated 12,000 aqua tabs and two tonnes of agricultural tools to the operation, while Medecins Sans Frontieres (MSF)-Belgium donated a 15,000 litres collapsible tank and a 5x10 metre size tent. Total value of items mobilised within the country amounted to about CHF 250,000.

## Red Cross and Red Crescent action

**Overall objective: To provide humanitarian assistance to 5,000 families affected by floods in Luanda and Moxico provinces.**

### LUANDA PROVINCE

**Expected Result 1: A total of 1,000 families in Samba, Cacuaco, Kilamba Kiayi provided with non-food items**

ARC focused on health promotion and provision of non-food items distributed to 810 households. Each family received more or less the following relief items: standard kitchen set, a 40 litres washing basin, 20 litres water bucket, two 20 litres collapsible jerry cans, one litre of Lixivia (water purification solution) (enough to purify 4,000 litres of water) and 2kg of soap per family. The National Society also donated a 15,000 litres collapsible water tank and a 5x10 metre size tent for the operation.

**Table 1: Non-food items distributed in Luanda**

Item Description	Quantity Received	Beneficiary Families	Samba	K.Kiayi	Cacuaco	Balance items*
			Quantities distributed			
Water purification solution (Lixivia)	1,008	810	200	390	220	198
Buckets (10 litre)	548	420	200	0	220	128
Washing basin (40 litre)	1,000	810	200	390	220	190
Washing basin (20 litre)	1,000	810	200	390	220	190
Soap (1kg)	2,000	710	200	780	440	580
Knives five piece set	880	810	200	390	220	70
Cups	6,000	810	1,200	2340	1,320	1,140
Plates	6,000	810	1,200	2340	1,320	1,140
Pots	2,002	810	400	780	440	382
Cutlery sets (six people)	1,000	810	200	390	220	190
Jerry cans (20 litre)	1,000	500	-	-	-	-

\*The balance of relief items were transported to Cazombo flooded areas for distribution.

### Expected result 2: Conduct health and hygiene education and support with sanitation

Red Cross volunteers conducted health and hygiene awareness activities covering the prevention of water-borne diseases, malaria and promotion of hygiene practices in resettlement camps. Approximately 4,200 people were reached with health related information. The volunteers also participated in the government programme of latrine construction, where 28 communal latrines were constructed.

## MOXICO PROVINCE

### Expected result 1: A total of 5,000 families in Cazombo District (Moxico province) provided with non-food items

**Table 2: Non-food items distributed in Moxico Province**

Area	No. of HH*	Aqua tabs	Jerry cans	ITNs	Kitchen sets	ORS	Soap	Blankets
		60 tablets/HH	2/HH	2/HH	1/HH	6 sachets/HH	1kg bar/HH	1/HH
Lunachi 1	152	9,120	304	304	91	912	152	152
Lunachi 2	172	10,320	344	344	0	1,032	172	172
Mupachi	184	11,040	368	368	0	1,104	184	184
Seramica	119	7,020	234	234	0	702	117	117
Nhalionginga 1	318	19,080	636	636	0	1,908	318	318
Nhalionginga 2	248	14,760	449	449	0	1,428	203	203
Chitundu 1	66	3,960	322	322	66	396	0	0
Chitungu	70	4,200	140	140	70	420	0	0
Chisasa	88	5,280	0	40	88	528	0	60
Mukako	93	5,760	0	192	0	576	96	0
Cahanganyi 1+2	260	15,600	520	520	0	1,560	0	0
Nhamusul	144	8,700	0	290	0	870	145	0
Clinics (4)	-	70,160	0	0	0	20,000	0	0
RC Volunteers	-	100,000	0	108	0	9,000	13	144
Gvt field officials	-	0	0	140	0	0	0	0
<b>Grand Totals</b>	<b>1,914</b>	<b>285,000</b>	<b>3,317</b>	<b>4,087</b>	<b>315</b>	<b>40,436</b>	<b>1,400</b>	<b>1,350</b>

\* HH - Households

ARC managed to reach 1,900 households (38% of appeal target) with non-food relief items consisting of 285,000 water purification tablets, 4,087 treated mosquito nets (ITN), 40,436 oral

rehydration salts, 3,317 jerry cans, 315 kitchen sets, 1,400 bars of soap and 1,350 blankets. Due to limited materials such as kitchen sets, blankets, soap and so on, only the most vulnerable people such the elders and single mothers were target recipients. ARC also provided four health facilities with a total of 70,160 aqua tabs (water purification tablets), 20,000 ORS and 140 ITNs

**Expected Result 2: A total of 5,000 families in Cazombo district provided with safe and clean water as well as sanitation facilities and hygiene promotion**

A water and sanitation (WatSan) technician was recruited and together with the WatSan Delegate were based in Cazombo for a period of two months. Through working with ARC volunteers, 285,000 water purification tablets (aqua tabs) (1 tablet = 20 litres) were distributed to 1,914 households in 15 villages and four health facilities. The amount of tablets distributed is enough to purify 5, 7 million litres of safe drinking water. ARC managed to secure and protect 13 traditional wells were protected (130% of appeal target) and is providing safe water to 4,220 households (84% of appeal target) in 11 villages affected by the floods. The wells are protected by constructing a concrete slab reinforced with wire mesh on strong wood with a hand pump on top. An alternative hole was left to enable community to continue accessing water using bucket and rope, should the pump become dysfunctional.



**A newly protected water-point in Lunachi Village in Cazombo**

In order to improve sanitation facilities, 28 family latrines were constructed at Lunachi resettlement camp. Lunachi is one of the areas earmarked by the government for resettlement and in collaboration with IOM has started to build permanent houses. Recognising that the environmental risk posed by sudden concentration of people in the camp, ARC through its volunteers mobilised communities to dig pit latrines. The IOM provided plastic sheeting and Federation supported with the construction. Each latrine is 1.5 metres deep and 1 metre radius width, the pit is covered using strong poles and wood leaving a small hole with cover.

In Mexico province, eight Red Cross volunteers were trained as trainers in health education methodologies covering topics on basic prevention and control of diarrhoea management, malaria, cholera, skin infections and facilitation methods. The trainers in turn trained 100 volunteers as health promoters at community level in 11 villages. During three months of the operation, 25,720 people (86% of appeal target) in 11 villages were reached with health awareness messages using house to house methods by volunteers within the communities.

**Expected result 3: A total of 5,000 families in Cazombo district provided with primary health care**

A trained ARC volunteer (nurse) was seconded from Luanda to Cazombo to support with training of 100 newly recruited Red Cross volunteers on hygiene promotion. A total of 100 flip charts produced for cholera operation on health promotion was utilised by volunteers during health promotion/ social mobilisation activities. Distribution of 4,030 ORS within the community and health facilities contributed to control diarrhoea and complements the limited stock within the health facilities.

#### **Expected result 4: ARCS disaster management capacities strengthened at provincial and branch levels**

Cazombo province never had trained staff and volunteers before; the operation strengthened its capacity with training of 108 volunteers and three local staff in health promotion, beneficiary identification, distribution of relief items and construction of latrine and water points. Furthermore, ARC logistics department supported with logistics training and distribution of relief items to the local authorities for two weeks.

#### **Conclusion**

- Distribution of non-relief items from the Red Cross has mitigated the effects of floods for 500 households in Luanda and Cazombo, therefore averting any further suffering.
- The relief operation improved the dignity of families affected by floods as they were left with basic household items and have access to clean water supply and sanitation facilities.
- The protection of wells to provide clean water and construction of latrines reduced community risks to water and sanitation related diseases, therefore contributing to improved health and well being.
- The active role of the National Society in coordinating and implementing the operation has strengthened disaster response capacity and increased confidence of government and other partners in Red Cross disaster response capabilities.
- Given the fact that floods are normally recurrent, it is important for the Red Cross together with the government to continue strengthening disaster response capacity in Cazombo and Luanda.
- The presence of a Federation delegate at field level for the duration of the operation has allowed proper coaching and skills transfer to the National Society staff and 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 is committed to the [Humanitarian Charter and Minimum Standards in Disaster Response \(Sphere\)](#) in delivering assistance to the most vulnerable.*

The International Federation's activities are aligned with its Global Agenda, which sets out four broad goals to meet the Federation's mission to "improve the lives of vulnerable people by mobilizing the power of humanity".

##### **Global Agenda Goals:**

- Reduce the numbers of deaths, injuries and impact from disasters.
- Reduce the number of deaths, illnesses and impact from diseases and public health emergencies.
- Increase local community, civil society and Red Cross Red Crescent capacity to address the most urgent situations of vulnerability.
- Reduce intolerance, discrimination and social exclusion and promote respect for diversity and human dignity.

#### **Contact information**

**For further information specifically related to this operation please contact:**

- **In Angola:** Warter Bombo Guange Quifica, Secretary General, Email [cruzvermelha@netangola.com](mailto:cruzvermelha@netangola.com); Phone: Tel: +244. 2.33.39.91; Fax +244.2.39.11.70
- **In Operational Zone for Southern Africa:** Françoise Le Goff, Head of Zone Office, Johannesburg; Email [françoise.legoff@ifrc.org](mailto:françoise.legoff@ifrc.org); Phone: Tel: +27.11.303.9700; +27.11.303.9711; Fax: +27.11.884.3809; +27.11.884.0230
- **In Geneva:** John Roche, Operations Coordinator, Email: [john.roche@ifrc.org](mailto:john.roche@ifrc.org); Phone: +41.22.730.4400, Fax: +41.22.733.03.95

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# International Federation of Red Cross and Red Crescent Societies

MDRAO002 - Angola - Luanda Flood

Final Financial Report

Selected Parameters	
Reporting Timeframe	2007/1-2008/2
Budget Timeframe	2007/1-2008/2
Appeal	MDRAO002
Budget	APPEAL

All figures are in Swiss Francs (CHF)

## I. Consolidated Response to Appeal

	Health & Care	Disaster Management	Humanitarian Values	Organisational Development	Coordination & Implementation	TOTAL
<b>A. Budget</b>		1,416,264				1,416,264
<b>B. Opening Balance</b>		0				0
<b>Income</b>						
<u>Cash contributions</u>						
<i>Japanese Red Cross</i>		45,628				45,628
<i>Monaco Red Cross</i>		26,568				26,568
<i>Netherlands Red Cross</i>		64,400				64,400
<i>Swedish Red Cross</i>		248,260				248,260
<i>Unidentified donor</i>		-40				-40
<i>United Arab Emirates - Private Dono</i>		2,196				2,196
<b>C1. Cash contributions</b>		<b>387,012</b>				<b>387,012</b>
<b>C. Total Income = SUM(C1..C5)</b>		<b>387,012</b>				<b>387,012</b>
<b>D. Total Funding = B + C</b>		<b>387,012</b>				<b>387,012</b>
<b>Appeal Coverage</b>		<b>27%</b>				<b>27%</b>

## II. Balance of Funds

	Health & Care	Disaster Management	Humanitarian Values	Organisational Development	Coordination & Implementation	TOTAL
<b>B. Opening Balance</b>		0				0
<b>C. Income</b>		387,012				387,012
<b>E. Expenditure</b>		-381,738				-381,738
<b>F. Closing Balance = (B + C + E)</b>		5,274				5,274

**International Federation of Red Cross and Red Crescent Societies**

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### III. Budget Analysis / Breakdown of Expenditure

Account Groups	Budget	Expenditure					TOTAL	Variance
		Health & Care	Disaster Management	Humanitarian Values	Organisational Development	Coordination & Implementation		
A							B	A - B
<b>BUDGET (C)</b>		<b>1,416,264</b>					<b>1,416,264</b>	
<b>Supplies</b>								
Shelter - Relief			481				481	-481
Clothing & textiles	477,750							477,750
Water & Sanitation	224,560		15,307				15,307	209,253
Medical & First Aid	3,250							3,250
Utensils & Tools	331,500		29,290				29,290	302,210
Other Supplies & Services	13,500		2,183				2,183	11,317
<b>Total Supplies</b>	<b>1,050,560</b>		<b>47,262</b>				<b>47,262</b>	<b>1,003,298</b>
<b>Transport &amp; Storage</b>								
Storage	17,257		9,009				9,009	8,248
Distribution & Monitoring			413				413	-413
Transport & Vehicle Costs	8,840		30,733				30,733	-21,893
<b>Total Transport &amp; Storage</b>	<b>26,097</b>		<b>40,155</b>				<b>40,155</b>	<b>-14,058</b>
<b>Personnel</b>								
International Staff Payroll Benefits	44,620		93,291				93,291	-48,671
National Staff	9,750		62,354				62,354	-52,604
National Society Staff	21,515		67,776				67,776	-46,261
<b>Total Personnel</b>	<b>75,885</b>		<b>223,421</b>				<b>223,421</b>	<b>-147,536</b>
<b>Workshops &amp; Training</b>								
Workshops & Training	24,050		6,600				6,600	17,450
<b>Total Workshops &amp; Training</b>	<b>24,050</b>		<b>6,600</b>				<b>6,600</b>	<b>17,450</b>
<b>General Expenditure</b>								
Travel	5,197		17,017				17,017	-11,820
Information & Public Relation	8,125		5,637				5,637	2,488
Office Costs	5,226		4,931				4,931	295
Communications	23,900		7,505				7,505	16,395
Financial Charges	105,167		4,397				4,397	100,770
<b>Total General Expenditure</b>	<b>147,615</b>		<b>39,488</b>				<b>39,488</b>	<b>108,127</b>
<b>Programme Support</b>								
Program Support	92,057		24,813				24,813	67,244
<b>Total Programme Support</b>	<b>92,057</b>		<b>24,813</b>				<b>24,813</b>	<b>67,244</b>
<b>TOTAL EXPENDITURE (D)</b>	<b>1,416,264</b>		<b>381,738</b>				<b>381,738</b>	<b>1,034,526</b>
<b>VARIANCE (C - D)</b>			<b>1,034,526</b>				<b>1,034,526</b>	