


www.ifrc.org
Saving lives,
changing minds.

DREF final report Benin: Cholera epidemic

 International Federation
of Red Cross and Red Crescent Societies

DREF operation n° MDRBJ010 GLIDE n° EP-2012-000186-BEN Final Report 30 August 2013

The International Federation of Red Cross and Red Crescent (IFRC) 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: In the south-west of Benin in the department of Mono and more precisely in the city of Comé a cholera epidemic was reported on 23 October 2012.

This situation was caused and maintained by the bad practices of hygiene and sanitation in the community. Several cases were reported both Comé and in some surrounding communities.

The Beninese health authorities quickly confined the epidemic that has prevented the deaths. However, given the poor hygiene practices and to prevent further spread of the epidemic, the Benin Red Cross requested and received a DREF of CHF 112,195 allocated by the International Federation of Red Cross and Red Crescent Red Cross on 9 November 2012 to help Benin red cross to assist 25,000 vulnerable people in the affected areas.

Through the operation in Comé, The Beninese Red Cross Society (BRCS) reached 48,000 people in the municipalities of Comé and Houéyogbé. Through this operation volunteers from the BRCS were trained on hygiene promotion and well treatment. These volunteers gave sensitization messages to people with megaphones on various topics in the area of Water, Hygiene, Sanitation and cholera. They also disinfected wells, the sprayed latrines and distributed aquatabs tablets to 5,102 households. The operation also has contributed to the rehabilitation of 4 latrines in Zinkpanou, Pedacome and Gonguèkpè, to empty 5 other latrines and to make 5 handwashing points.

A total of 447 private and public latrines were sprayed and disinfected. 61 public as well as private wells were treated. Ten (10) hygiene committees received hygiene materials composed of: hoes, machetes, rakes, brooms, wheelbarrows, garbage cans, boots for the cleanliness of their localities and around the latrines. A RDRT was deployed to support the BRCS in the implementation of the operation.

The operation was conducted in cooperation and good understanding between the RDRT deployed, BRCS water and sanitation focal point and the team of local branch and in strong collaboration with local health authorities who accompanied the National Society in the implementation and monitoring of



Volunteers were briefed before going to the field.
Photo: BRCS

activities. The operational capacity of the National Society was also strengthened through local volunteer trainings (hygiene promotion, water treatment at home, chlorination of wells) as a part of the response activities planned and carried out. All activities were carried out, and a balance of CHF 3,380 was returned to DREF.

The Netherlands Red Cross and government as well as the DG ECHO contributed to the replenishment of the DREF allocation made for this operation. The major donors and partners of DREF include the Australian, American and Belgian governments, the Austrian Red Cross, the Canadian Red Cross and government, Danish Red Cross and government, the European Commission Humanitarian Aid and Civil Protection (ECHO), the Irish and the Italian governments, the Japanese Red Cross Society, the Luxembourg government, the Monaco Red Cross and government, the Netherlands Red Cross and government, the Norwegian Red Cross and government, the Spanish Government, the Swedish Red Cross and government, the United Kingdom Department for International Development (DFID), the Medtronic and Z Zurich Foundations, and other corporate and private donors. Details of DREF contributions are found on: <http://www.ifrc.org/docs/appeals/Active/MDR00001.pdf>

The IFRC, on behalf of Benin Red Cross, would like to extend its thanks to all partners for their generous contributions.

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

The situation

On October 23 2012, a cholera epidemic in south western Benin was reported in the municipality of comé. The samples were confirmed at the departmental level and 5 samples sent to the National Laboratory to be confirmed for cholera. The Minister of Health declared the cholera epidemic at the Zone.

The Ministry of Health through the Hospital in the area has supported patients and implemented preventive mechanisms to slow its spread. Control activities started namely, strengthening epidemiological surveillance. The "subject bus" (mobile awareness) of the Ministry of Health was launched to raise awareness in the community.

Red Cross and Red Crescent action

In its role as auxiliary to the government of Benin, the Beninese Red Cross Society (BRCS) mobilized its volunteers at branch level to support the health authorities in improvement of cholera awareness (prevention, detection and referral), hygiene promotion, safe water and improved sanitation at community level at an early stage to prevent effects and spread of the epidemic.

Beninese Red Cross has supported the actions of health authorities in their fight against the epidemic by a wide mobilization of the community through the distribution of Aquatabs tablets, training on recognizing signs and prevention of cholera, an intensive sensitization of communities on good hygiene practices and sanitation measures by 50 volunteers and 12 supervisors. Volunteers equipped with megaphones worked in teams of two, 10 days per month with an average visit of six households per day.

Achievements against outcomes

Emergency health

| Outcome 1: Improved hygiene behaviour and cholera awareness amongst 5,000 households (25,000 people) in 97 communities in 3 months | |
|--|---|
| Outputs (expected results) <ul style="list-style-type: none"> The affected population are effectively and efficiently sensitized on cholera prevention. Improved early detection and referrals. | Activities planned: <ul style="list-style-type: none"> Orientation of 12 supervisors on ECV tools and materials to be cascaded to volunteers Social mobilization to raise awareness on cholera promoted amongst 5,000 household by orientating 50 Red Cross volunteers on ECV tools and materials (early detection and referrals of cholera cases) 5,000 assorted IEC/BCC materials (posters, fliers) on cholera produced, printed and distributed to enhance positive behaviour change |

| | |
|--|--|
| <ul style="list-style-type: none"> Improved awareness on ORS preparation and use amongst households | <ul style="list-style-type: none"> Production of visibility material(100 T-shirts) Diffusion of cholera messages through sessions, jingle on local radios, TVs and other channels 291 sensitization and demonstration sessions(3 per community) in 97 communities on benefits of ORS in the management of cholera using cholera demonstration kits Monitoring and reporting on activities Deployment of RDRT for 2 months |
|--|--|

Impact:

The majority of planned activities were conducted from November 2012 to March 2013. The dissemination of messages on the cholera started very well. In total there were 180 messages disseminated with 3 messages per day in four local languages within 2 months. There were also interactive programs on cholera led by volunteers from the local committee and by beneficiaries involved in the operation. A total of 48,819 people were sensitised.

1,000 IEC materials (posters, leaflets), the PHAST images and user guides on cholera were produced, printed and distributed to highlight behaviour changes. 100 T-shirts were produced to enhance the visibility of the operation. As a result of these activities, people got to know quickly how to recognize a suspected cholera case and the appropriate action to be taken at home before referring the patient to the hospital for better care.

The first thing noted with the sensitised people was a change in hygiene habits. Another achievement was the change in people's understanding of, preparation and use of ORS and also the use of aquatabs to make safe drinking water.

| N° | Locality | HH | Shops + Organized Groups | school | seller | Number of sensitized persons | | | |
|--------------|-----------------|---------------|--------------------------|-----------|------------|------------------------------|---------------------------|---------------|---------------|
| | | | | | | male | female (including seller) | children | Total |
| 1 | Tossouhon | 506 | 20 | 02 | 32 | 615 | 746 | 1,388 | 2,749 |
| 2 | Dégouè | 489 | 117 | 02 | 69 | 544 | 761 | 1,225 | 2,530 |
| 3 | Médémahoué | 881 | 23 | 03 | 0 | 577 | 828 | 1,926 | 3,331 |
| 4 | Azannou | 444 | 84 | 03 | 70 | 476 | 444 | 1,147 | 2,067 |
| 5 | Agovè | 635 | 21 | 01 | 43 | 439 | 622 | 599 | 1,660 |
| 6 | Mongnonhoui | 822 | 20 | 02 | 27 | 678 | 929 | 2,030 | 3,637 |
| 7 | Kpodji | 638 | 10 | 02 | 46 | 792 | 889 | 1,443 | 3,124 |
| 8 | Ahouandjigo | 1,330 | 06 | 02 | 19 | 451 | 725 | 1,731 | 2,907 |
| 9 | Zinkpanou | 1,186 | 04 | 02 | 06 | 471 | 838 | 732 | 2,041 |
| 10 | Donhouinou | 554 | 01 | 02 | 07 | 305 | 436 | 535 | 1,276 |
| 11 | Gadomey | 266 | 11 | 04 | 231 | 308 | 669 | 1,598 | 2,575 |
| 12 | Dohi | 388 | 10 | 02 | 12 | 361 | 498 | 1,164 | 2,023 |
| 13 | Gonguegbo | 334 | 06 | 05 | 11 | 556 | 586 | 627 | 1,769 |
| 14 | Gonguekpè | 518 | 08 | 03 | 24 | 501 | 724 | 502 | 1,727 |
| 15 | Tokan | 322 | 18 | 03 | 14 | 394 | 568 | 3,523 | 4,485 |
| 16 | Bowe – gbedji | 524 | 06 | 02 | 17 | 632 | 737 | 923 | 2,292 |
| 17 | Hounnougbo | 379 | 33 | 00 | 75 | 550 | 832 | 768 | 2,150 |
| 18 | Pédah – Comé | 352 | 17 | 03 | 11 | 319 | 412 | 379 | 1,110 |
| 19 | Kpetou | 643 | 13 | 02 | 73 | 502 | 509 | 769 | 1,770 |
| 20 | Agatogbo centre | 215 | 15 | 01 | 07 | 370 | 419 | 590 | 1,379 |
| 21 | Kinvicodji | 274 | 14 | 03 | 36 | 128 | 242 | 917 | 1,287 |
| 22 | Honhoué | 80 | 05 | 01 | 03 | 340 | 343 | 247 | 930 |
| Total | | 11,780 | 462 | 50 | 833 | 10 309 | 13,757 | 24,763 | 48,819 |

Challenge:

The adoption of healthy habits in hygiene and sanitation and understanding of some populations requires a relatively long period of sensitization for behaviour change to occur.

Water, sanitation, and hygiene promotion

Outcome: The risk of waterborne and water related diseases has been reduced through the provision of safe water, basic sanitation and hygiene promotion to 5,000 families (25,000, beneficiaries) in 97 communities

| Outputs (expected results) | activities planned: |
|---|---|
| <ul style="list-style-type: none"> Target population is provided with and trained in the proper use of watsan related items Target population is provided with adequate environmental sanitation measures | <ul style="list-style-type: none"> Orient BRC volunteers on hygiene promotion and SOP on disinfection of water and sanitation facilities and on water born disease. Hand washing at key times promoted through demonstration at market and other public places Safe use of water treatments products promoted in 5'000 households through sensitization and demonstration sessions disinfection of strategic water points used by the community over 1 months Disinfection of sanitation facilities in 13 health centers over 1 month. Hygiene promotion activities like personal and environmental sanitation promoted in communities and health centers Monitoring and reporting on activities |

Impact:

The work of the Red Cross in the field has enabled people to understand the importance of using latrines. Thus, 04 institutional latrines were cleaned, two are being rehabilitated and 1 latrine was rehabilitated, training of volunteers have been made as well as the orientation session for supervisors to conduct and monitor all activities.

Garbage cans, shovels, rakes and other hygiene materials were made available to 10 hygiene committees set up for this purpose.

Access to drinking water treated by Aquatabs tablets has been possible for 5,102 households that received a supply of tablets for 3 months (451,080 tablets). The majority of people sensitized begun by adopting the good hygiene practices. The latrines were disinfected with the support of the hygiene Service of Comè.

Challenge:

Some people, even with the knowledge on the need to have sound environmental hygiene refused to cooperate and expected others to come in keep their environment clean.

Some people are resistant to change or accommodate messages delivered through the promotion of good hygiene practices.



Treating a well. Photo: BRCS



Disinfection of latrines were carried out. Photo: BRCS

Contact information

For further information specifically related to this operation please contact:

- **IFRC Regional Representation:** Daniel Sayi, Regional Representative, West Coast, Abidjan, Côte d'Ivoire office phone; +225 66 775 261 ; email: daniel.sayi@ifrc.org
- **IFRC Zone:** Dr Adinoyi Ben Adeiza, Zone Emergency Health: phone: :+254 731 990 076; adinoyi.adeiza@ifrc.org
- **IFRC Geneva:** Christine South, Operations Support; phone: +41 227 304 529; email:christine.south@ifrc.org
- **IFRC Regional Logistics Unit (RLU):** Ari Mantyvaara Logistics Coordinator, Dubai; phone +971 504584872, Fax +971.4.883.22.12, email: ari.mantyvaara@ifrc.org

For Resource Mobilization and Pledges:

- **IFRC West and Central Africa hub:** Elisabeth Seck, Resource Mobilization Officer, Dakar; phone:+221 33 869 36 60; mobile: +221 77 450 59 49; email: elisabeth.seck@ifrc.org

For Performance and Accountability (planning, monitoring, evaluation and reporting):

- **IFRC Zone:** Robert Ondrusek, PMER/QA Delegate, Africa phone: +254 731 067 277; email:robert.ondrusek@ifrc.org

How we work

All IFRC assistance seeks to adhere to the Code of Conduct for the International Red Cross and Red Crescent Movement and Non-Governmental Organizations (NGOs) in Disaster Relief and the Humanitarian Charter and Minimum Standards in Disaster Response (Sphere) in delivering assistance to the most vulnerable.

The IFRC'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.

www.ifrc.org
Saving lives, changing minds.



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.
-

Disaster Response Financial Report

MDRBJ010 - Benin - Cholera

Timeframe: 09 Nov 12 to 24 Mar 13

Appeal Launch Date: 09 Nov 12

Final Report

Selected Parameters

| | | | |
|-------------------------|--------------|-----------|----------|
| Reporting Timeframe | 2012/11-2013 | Programme | MDRBJ010 |
| Budget Timeframe | 2012/11-2013 | Budget | APPROVED |
| Split by funding source | Y | Project | * |

All figures are in Swiss Francs (CHF)

I. Funding

| | Raise humanitarian standards | Grow RC/RC services for vulnerable people | Strengthen RC/RC contribution to development | Heighten influence and support for RC/RC work | Joint working and accountability | TOTAL | Deferred Income |
|--------------------------------------|------------------------------|---|--|---|----------------------------------|---------|-----------------|
| A. Budget | | 112,195 | | | | 112,195 | |
| B. Opening Balance | | 0 | | | | 0 | |
| Income | | | | | | | |
| <u>Other Income</u> | | | | | | | |
| <i>DREF Allocations</i> | | 112,195 | | | | 112,195 | |
| C4. Other Income | | 112,195 | | | | 112,195 | |
| C. Total Income = SUM(C1..C4) | | 112,195 | | | | 112,195 | |
| D. Total Funding = B + C | | 112,195 | | | | 112,195 | |

* Funding source data based on information provided by the donor

II. Movement of Funds

| | Raise humanitarian standards | Grow RC/RC services for vulnerable people | Strengthen RC/RC contribution to development | Heighten influence and support for RC/RC work | Joint working and accountability | TOTAL | Deferred Income |
|---|------------------------------|---|--|---|----------------------------------|----------|-----------------|
| B. Opening Balance | | 0 | | | | 0 | |
| C. Income | | 112,195 | | | | 112,195 | |
| E. Expenditure | | -108,815 | | | | -108,815 | |
| F. Closing Balance = (B + C + E) | | 3,380 | | | | 3,380 | |

Disaster Response Financial Report

MDRBJ010 - Benin - Cholera

Timeframe: 09 Nov 12 to 24 Mar 13

Appeal Launch Date: 09 Nov 12

Final Report

Selected Parameters

| | | | |
|-------------------------|--------------|-----------|----------|
| Reporting Timeframe | 2012/11-2013 | Programme | MDRBJ010 |
| Budget Timeframe | 2012/11-2013 | Budget | APPROVED |
| Split by funding source | Y | Project | * |

All figures are in Swiss Francs (CHF)

III. Expenditure

| Account Groups | Expenditure | | | | | | TOTAL | Variance |
|---|----------------|------------------------------|---|--|---|----------------------------------|---------------|----------|
| | Budget | Raise humanitarian standards | Grow RC/RC services for vulnerable people | Strengthen RC/RC contribution to development | Heighten influence and support for RC/RC work | Joint working and accountability | | |
| | A | | | | | B | A - B | |
| BUDGET (C) | | | 112,195 | | | 112,195 | | |
| Relief items, Construction, Supplies | | | | | | | | |
| Clothing & Textiles | 1,850 | | 202 | | | 202 | 1,648 | |
| Water, Sanitation & Hygiene | 34,105 | | 28,809 | | | 28,809 | 5,296 | |
| Medical & First Aid | 4,360 | | | | | | 4,360 | |
| Teaching Materials | 1,500 | | 1,508 | | | 1,508 | -8 | |
| Utensils & Tools | 450 | | | | | | 450 | |
| Total Relief items, Construction, Sup | 42,265 | | 30,520 | | | 30,520 | 11,745 | |
| Logistics, Transport & Storage | | | | | | | | |
| Distribution & Monitoring | | | 9,447 | | | 9,447 | -9,447 | |
| Transport & Vehicles Costs | 4,300 | | 3,525 | | | 3,525 | 775 | |
| Logistics Services | | | 1,193 | | | 1,193 | -1,193 | |
| Total Logistics, Transport & Storage | 4,300 | | 14,164 | | | 14,164 | -9,864 | |
| Personnel | | | | | | | | |
| International Staff | 10,000 | | 6,568 | | | 6,568 | 3,432 | |
| National Society Staff | 10,650 | | 7,154 | | | 7,154 | 3,496 | |
| Volunteers | 12,062 | | 16,198 | | | 16,198 | -4,136 | |
| Total Personnel | 32,712 | | 29,920 | | | 29,920 | 2,792 | |
| Workshops & Training | | | | | | | | |
| Workshops & Training | 9,500 | | 9,715 | | | 9,715 | -215 | |
| Total Workshops & Training | 9,500 | | 9,715 | | | 9,715 | -215 | |
| General Expenditure | | | | | | | | |
| Travel | 8,000 | | 5,650 | | | 5,650 | 2,350 | |
| Information & Public Relations | 5,320 | | 6,239 | | | 6,239 | -919 | |
| Office Costs | 1,500 | | 1,314 | | | 1,314 | 186 | |
| Communications | 500 | | 1,259 | | | 1,259 | -759 | |
| Financial Charges | 750 | | 3,393 | | | 3,393 | -2,643 | |
| Other General Expenses | 500 | | | | | | 500 | |
| Total General Expenditure | 16,570 | | 17,855 | | | 17,855 | -1,285 | |
| Indirect Costs | | | | | | | | |
| Programme & Services Support Recovt | 6,848 | | 6,641 | | | 6,641 | 206 | |
| Total Indirect Costs | 6,848 | | 6,641 | | | 6,641 | 206 | |
| TOTAL EXPENDITURE (D) | 112,195 | | 108,815 | | | 108,815 | 3,379 | |
| VARIANCE (C - D) | | | 3,379 | | | 3,379 | | |

Disaster Response Financial Report

MDRBJ010 - Benin - Cholera

Timeframe: 09 Nov 12 to 24 Mar 13

Appeal Launch Date: 09 Nov 12

Final Report

Selected Parameters

| | | | |
|-------------------------|--------------|-----------|----------|
| Reporting Timeframe | 2012/11-2013 | Programme | MDRBJ010 |
| Budget Timeframe | 2012/11-2013 | Budget | APPROVED |
| Split by funding source | Y | Project | * |

All figures are in Swiss Francs (CHF)

IV. Breakdown by subsector

| Business Line / Sub-sector | Budget | Opening Balance | Income | Funding | Expenditure | Closing Balance | Deferred Income |
|--|----------------|-----------------|----------------|----------------|----------------|-----------------|-----------------|
| BL2 - Grow RC/RC services for vulnerable people | | | | | | | |
| Disaster response | 112,195 | 0 | 112,195 | 112,195 | 108,815 | 3,380 | |
| Subtotal BL2 | 112,195 | 0 | 112,195 | 112,195 | 108,815 | 3,380 | |
| GRAND TOTAL | 112,195 | 0 | 112,195 | 112,195 | 108,815 | 3,380 | |