

# DREF operation final report



## Senegal: Floods

DREF operation n° MDRNS004  
GLIDE n° FL-2010-000217-SEN  
30 July, 2011

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.

**CHF 147,854 was allocated from the IFRC's Disaster Relief Emergency Fund (DREF) on 1 November, 2010 to support the Senegalese Red Cross Society (SRCS) in delivering assistance to some 1,500 families (10,500 beneficiaries) affected by flooding in the region of Saint-Louis in Senegal.**

Summary: Saint-Louis was one of the most affected regions during the 2010 rainy season. The rainfall experienced on 17 October lasted 10 hours, affecting no less than 5,661 households. A total of 75 houses have been destroyed and 2 people were injured following the floods. Extensive damage was also caused to the city's water sources and drainage systems, delaying government efforts to repair damage to water sources resulting from previous floods. Government authorities were working hard to restore the situation back to normal and to resettle displaced communities. Most of the displaced families were provided with temporary shelter in school buildings.



Training of Red Cross volunteers prior to the implementation of relief activities.

In complementing government efforts to respond to the disaster, the SRCS carried out an assessment of damages. SRCS distributed a total of 3,000 blankets and 3,000 sleeping mats to 1,500 affected households, reducing their vulnerability. Some 50 volunteers received refresher training, enabling them to carry out hygiene promotion activities. In close cooperation with local health authorities, SRCS procured 3,000 mosquito nets, distributed to the 1,500 households along with malaria education.

Protection against water-borne disease was furthered through construction of 25 latrines, plus distribution of 20 PHAST kits, as well as soap bars, jerry cans and buckets for each of the 1,500 targeted households. Volunteers improved their skills and capacities 'on-the-job.'

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. The IFRC, on behalf of the National Society, would like to extend thanks to all for their generous contributions. Details of all contributions to the DREF for 2010 can be found on: [http://www.ifrc.org/docs/appeals/Active/MAA00010\\_2010.pdf](http://www.ifrc.org/docs/appeals/Active/MAA00010_2010.pdf) and for 2011 on: [http://www.ifrc.org/docs/appeals/Active/MAA00010\\_2011.pdf](http://www.ifrc.org/docs/appeals/Active/MAA00010_2011.pdf)

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## The situation

Saint-Louis and surrounding areas experienced extensive flooding which made people displaced and destroyed existing infrastructure. The flooding was caused by two-day rainfall received on 17 and 18 October, 2010. The flooding blocked the drainage system, washed away toilets and contaminated water sources causing significant threats of water-borne and vector-borne diseases. Seventy-five houses were destroyed injuring two people and 4,345 households were left without sanitation facilities as a result of the flooding. A total of 5,661 households were affected. To avoid any disease outbreaks, the local authorities provided drinkable water to the affected communities.

## Red Cross and Red Crescent action

The Senegalese Red Cross Society responded by providing emergency equipment and relief items prepositioned in the region. The SRCS volunteers in collaboration with the local authorities conducted more detailed assessments completed further by a technical evaluation team from the IFRC Sahel Regional Representation. The team comprised of staff from health, water and sanitation, information technology and organizational development units.

## Achievements against outcomes

| <b>Relief distributions (food and basic non-food items)</b>                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <b>Outcome: To contribute to the reduction of the vulnerability to floods of 1,500 households with the provision of relief materials</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Expected results</b>                                                                                                                  | <b>Activities planned</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Relief items are procured and distributed to 1,500 families affected by the floods.                                                      | <ul style="list-style-type: none"> <li>• Procurement and distribution of 3,000 blankets and 3,000 sleeping mats for 1,500 households affected by the floods;</li> <li>• Procurement and utilization of 50 boots, 50 gloves, 50 masks, and 50 rain coats respectively for 50 volunteers;</li> <li>• Procurement and utilization of 10 megaphones and 10 sets of batteries by volunteers during the implementation phase;</li> <li>• Transport and warehousing of all procured materials to the nearest point for distribution;</li> </ul> |

### Impact:

In February 2011 the Senegalese Red Cross Society distributed a total of 3,000 blankets and 3,000 sleeping mats to 1,500 households affected by floods in Saint-Louis city and in some surrounding villages. The provision of the non-food items helped the families to have some temporary replacement for their destroyed property and protect their health. The Government's representative in Saint-Louis and other local authorities were involved in the distribution activities. For a smooth implementation of the planned activities, 50 Red Cross volunteers were provided with 50 boots, 50 gloves, 50 masks, 50 raincoats, 10 megaphones and sets of batteries.

| <b>Emergency health</b>                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| <b>Objective: To contribute to the prevention of communicable diseases among 1,500 most vulnerable households.</b>                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Expected Results</b>                                                                                                           | <b>Activities Planned</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| The risk of disease outbreak among the targeted population is reduced.                                                            | <ul style="list-style-type: none"> <li>• Mobilisation and briefing of 50 volunteers on health preventive measures on diarrhoeal cholera and other communicable diseases;</li> <li>• Provision of Information, Education and Communication (IEC) materials for the health, water, sanitation and risk reduction sensitization activities (this will utilize existing materials and therefore there are no costs for production).</li> <li>• Conduct health sensitization activities to the most affected communities;</li> </ul> |
| <b>Objective: To contribute to the reduction of morbidity and mortality due to malaria among 1,500 flood affected households.</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Expected Results</b>                                                                                                           | <b>Activities Planned</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

|                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1,500 most affected households by floods are reached through the dissemination of messages on malaria prevention and control and distribution of LLIN, and assistance with correct methods for hanging.</p> | <ul style="list-style-type: none"> <li>• Procure and distribute 3,000 mosquito nets for 1,500 most affected families;</li> <li>• Procure nail and strings for mosquito nets hang-up campaign for 1,500 affected households.</li> <li>• Disseminate key messages concerning LLIN use and malaria (targeting pregnant women and caretakers for children under 5);</li> </ul> |
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**Impact:**

Some 50 volunteers received a refresher training focused on IEC materials and risk reduction sensitization. This allowed to carry out hygiene promotion activities and raised consciousness on diarrhoeal, cholera and communicable diseases. In close cooperation with the local health supervisor, Saint-Louis Red Cross branch procured 3,000 mosquito nets to 1,500 households along with nails and string to hang up nets. The volunteers seized the opportunity of the distribution of long lasting insecticide treated nets (LLITN) to sensitize the population on malaria.

**Water, sanitation, and hygiene promotion**

| <b>Outcome: To contribute to the improvement of access to clean water, hygiene and sanitation facilities for 1,500 households affected by the floods.</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Expected results</b>                                                                                                                                   | <b>Activities planned</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <p>All 1,500 households affected by the floods in Saint-Louis will have access to clean water, hygiene and sanitation facilities.</p>                     | <ul style="list-style-type: none"> <li>• Procure 67,500 purification tablets for 1,500 households affected by the floods (the tablets are funded and therefore not included in the DREF budget);</li> <li>• Construct 50 family latrines for the most vulnerable households affected by the floods and that have no access to proper latrines due to damage;</li> <li>• Procure and distribute 20 Participatory Hygiene and Sanitation Transformation (PHAST) kits for the affected households;</li> <li>• Conduct refresher training for 50 volunteers in household water treatment and hygiene promotion;</li> <li>• Procure and distribute 1,500 bars of soap (1 kg), 1,500 jerry cans, 4,500 detergents, and 1,500 buckets for 1,500 flooded households;</li> <li>• Conduct hygiene promotion for 1,500 households affected by the floods.</li> </ul> |

**Impact:**

One key action in the field of water and sanitation was the construction of 25 latrines (15 in Saint-Louis city and 10 in the surrounding villages). A total of 20 families each received a PHAST kit. These activities were completed by the distribution of 1,500 bars of soap; 1,500 jerry cans; 4,500 detergents and 1,500 buckets. The activities carried out in this sector provided a good opportunity to train 50 volunteers in household water treatment and hygiene promotion.

**Communications/IT/Reporting and monitoring**

| <b>Outcome: To contribute to the improvement of the capacity of the National Society to engage in social mobilization to reach flooded families, to ensure timely reporting, monitoring and evaluation of activities.</b> |                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Expected results</b>                                                                                                                                                                                                   | <b>Activities planned</b>                                                                                                                                                                                      |
| <p>Communications materials are developed to reach flooded victims, schools, vulnerable populations at risk.</p>                                                                                                          | <ul style="list-style-type: none"> <li>• Design/update audio, print, visual and other sensitisation materials;</li> <li>• Strengthen media cooperation at national level.</li> </ul>                           |
| <p>Populations at risk are sensitized on flood detection, evacuation and risks reduction associated with floods.</p>                                                                                                      | <ul style="list-style-type: none"> <li>• Reinforce the National Society social mobilization capacities;</li> <li>• Reinforce the National Society capacities to sensitize the affected populations.</li> </ul> |
| <p>Timely and accurate reports are prepared and shared</p>                                                                                                                                                                | <ul style="list-style-type: none"> <li>• Share information with all partners and prepare timely reports;</li> <li>• The National Society to report on the activities carried out.</li> </ul>                   |
| <p>Information technology is improved at regional office and local branches levels</p>                                                                                                                                    | <ul style="list-style-type: none"> <li>• Use existing equipment and tools to improve access to Internet for timely communication and reporting.</li> </ul>                                                     |

|                                                                     |                                                                                                            |
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| The floods response operations are properly monitored and evaluated | <ul style="list-style-type: none"> <li>• Carry out regular nationwide monitoring of the floods.</li> </ul> |
|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|

**Impact:**

The National Society regularly prepared and shared information with partners. The information on each step of the operation was shared during meetings with partners, volunteers and local population. This communication strategy really showed capacity of the SRCS on social mobilization. It has also increased the visibility of the activities carried out by Senegalese Red Cross Society in response to this emergency.

## 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 \(NGO's\) 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.

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; unused funds will be returned; click here for title page>](#)

MDRSN004 - Senegal - Floods

Appeal Launch Date: 01 nov 10

Appeal Timeframe: 01 nov 10 to 28 feb 11

Final Report

| Selected Parameters |                |
|---------------------|----------------|
| Reporting Timeframe | 2010/11-2011/6 |
| Budget Timeframe    | 2010/11-2011/2 |
| Appeal              | MDRSN004       |
| 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>                     | 147,854             |                            |                              |                       |              | 147,854 |
| <b>B. Opening Balance</b>            | 0                   |                            |                              |                       |              | 0       |
| <b>Income</b>                        |                     |                            |                              |                       |              |         |
| <u>Other Income</u>                  |                     |                            |                              |                       |              |         |
| <i>DREF Allocations</i>              | 147,854             |                            |                              |                       |              | 147,854 |
| <b>C4. Other Income</b>              | 147,854             |                            |                              |                       |              | 147,854 |
| <b>C. Total Income = SUM(C1..C4)</b> | 147,854             |                            |                              |                       |              | 147,854 |
| <b>D. Total Funding = B + C</b>      | 147,854             |                            |                              |                       |              | 147,854 |
| <b>Appeal Coverage</b>               | 100%                |                            |                              |                       |              | 100%    |

## 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>                        | 147,854             |                            |                              |                       |              | 147,854  |
| <b>E. Expenditure</b>                   | -137,197            |                            |                              |                       |              | -137,197 |
| <b>F. Closing Balance = (B + C + E)</b> | 10,657              |                            |                              |                       |              | 10,657   |

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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>147,854</b> |                     |                            |                              |                       |                | <b>147,854</b> |          |
| <b>Relief items, Construction, Supplies</b>     |                |                     |                            |                              |                       |                |                |          |
| Clothing & textiles                             | 52,500         | 36,999              |                            |                              |                       | 36,999         | 15,501         |          |
| Water, Sanitation & Hygiene                     | 13,625         | 21,059              |                            |                              |                       | 21,059         | -7,434         |          |
| Teaching Materials                              | 2,275          | 1,957               |                            |                              |                       | 1,957          | 318            |          |
| Utensils & Tools                                | 15,580         | 10,650              |                            |                              |                       | 10,650         | 4,930          |          |
| Other Supplies & Services                       | 6,000          |                     |                            |                              |                       |                | 6,000          |          |
| <b>Total Relief items, Construction, Su</b>     | <b>89,980</b>  | <b>70,664</b>       |                            |                              |                       | <b>70,664</b>  | <b>19,316</b>  |          |
| <b>Logistics, Transport &amp; Storage</b>       |                |                     |                            |                              |                       |                |                |          |
| Distribution & Monitoring                       | 11,000         | 3,847               |                            |                              |                       | 3,847          | 7,153          |          |
| Transport & Vehicle Costs                       |                | 1,166               |                            |                              |                       | 1,166          | -1,166         |          |
| Logistics Services                              |                | 1,459               |                            |                              |                       | 1,459          | -1,459         |          |
| <b>Total Logistics, Transport &amp; Storage</b> | <b>11,000</b>  | <b>6,472</b>        |                            |                              |                       | <b>6,472</b>   | <b>4,528</b>   |          |
| <b>Personnel</b>                                |                |                     |                            |                              |                       |                |                |          |
| International Staff                             | 14,000         | 4,899               |                            |                              |                       | 4,899          | 9,101          |          |
| National Staff                                  |                | 2,040               |                            |                              |                       | 2,040          | -2,040         |          |
| National Society Staff                          | 12,175         | 16,156              |                            |                              |                       | 16,156         | -3,981         |          |
| <b>Total Personnel</b>                          | <b>26,175</b>  | <b>23,095</b>       |                            |                              |                       | <b>23,095</b>  | <b>3,080</b>   |          |
| <b>Consultants &amp; Professional Fees</b>      |                |                     |                            |                              |                       |                |                |          |
| Consultants                                     |                | 92                  |                            |                              |                       | 92             | -92            |          |
| <b>Total Consultants &amp; Professional Fe</b>  |                | <b>92</b>           |                            |                              |                       | <b>92</b>      | <b>-92</b>     |          |
| <b>Workshops &amp; Training</b>                 |                |                     |                            |                              |                       |                |                |          |
| Workshops & Training                            | 2,500          | 2,948               |                            |                              |                       | 2,948          | -448           |          |
| <b>Total Workshops &amp; Training</b>           | <b>2,500</b>   | <b>2,948</b>        |                            |                              |                       | <b>2,948</b>   | <b>-448</b>    |          |
| <b>General Expenditure</b>                      |                |                     |                            |                              |                       |                |                |          |
| Travel                                          |                | 5,187               |                            |                              |                       | 5,187          | -5,187         |          |
| Information & Public Relation                   | 1,075          | 262                 |                            |                              |                       | 262            | 813            |          |
| Office Costs                                    | 850            | 6,776               |                            |                              |                       | 6,776          | -5,926         |          |
| Communications                                  | 7,250          | 6,061               |                            |                              |                       | 6,061          | 1,189          |          |
| Financial Charges                               |                | 2,462               |                            |                              |                       | 2,462          | -2,462         |          |
| Other General Expenses                          |                | 4,805               |                            |                              |                       | 4,805          | -4,805         |          |
| <b>Total General Expenditure</b>                | <b>9,175</b>   | <b>25,552</b>       |                            |                              |                       | <b>25,552</b>  | <b>-16,377</b> |          |
| <b>Indirect Costs</b>                           |                |                     |                            |                              |                       |                |                |          |
| Programme & Service Support                     | 9,024          | 8,374               |                            |                              |                       | 8,374          | 650            |          |
| <b>Total Indirect Costs</b>                     | <b>9,024</b>   | <b>8,374</b>        |                            |                              |                       | <b>8,374</b>   | <b>650</b>     |          |
| <b>TOTAL EXPENDITURE (D)</b>                    | <b>147,854</b> | <b>137,197</b>      |                            |                              |                       | <b>137,197</b> | <b>10,657</b>  |          |
| <b>VARIANCE (C - D)</b>                         |                | <b>10,657</b>       |                            |                              |                       | <b>10,657</b>  |                |          |