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Disaster relief emergency fund (DREF)

Mali: Cholera outbreak

 International Federation
of Red Cross and Red Crescent Societies

DREF operation n° MDRML006

19 August, 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 and Red Crescent emergency response. 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 150,010 has been allocated from the IFRC's Disaster Relief Emergency Fund (DREF) to support Mali Red Cross in delivering immediate assistance to some 699,100 people at risk of infection by the cholera outbreak. Unearmarked funds to repay DREF are encouraged.

Summary: Since the notification of the first case of cholera in Youwarou, through medical tests done by the laboratory of the Public Health Research institute (INRSP) the number of victims has increased daily. Twelve health zones have been affected, mainly in the regions of Mopti, with 363 cases including 14 deaths and in Tombouctou, with 242 cases including 5 deaths.

However, the head of the Public Health Department reassured people saying that the situation was under control, and that all health technical services were mobilised. He sensitized people on the respect of hygiene principles which remains the only way of preventing cholera.

In its role as auxiliary to government, the Mali Red Cross has always provided support in response to challenges. The National Society has in the past helped sensitize communities to better respond against cholera epidemics. However, current capacities are not necessarily commensurate with present urgent needs.

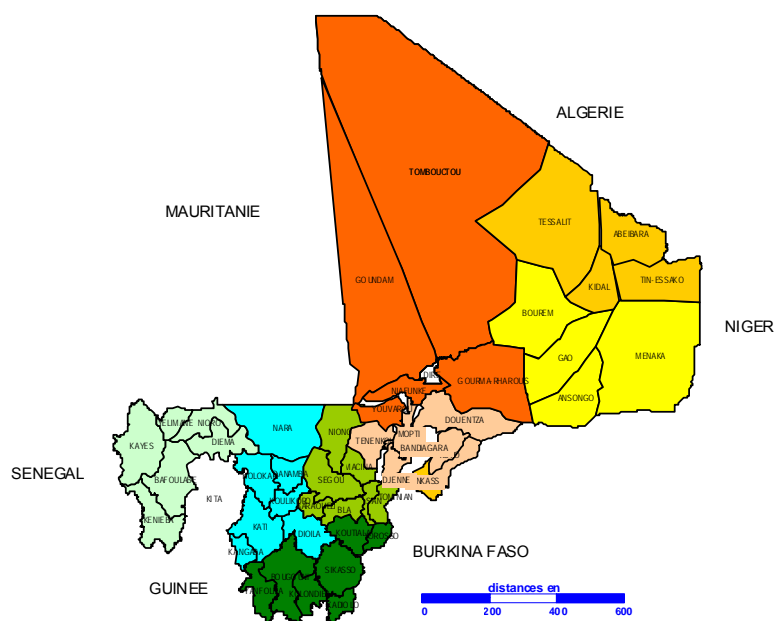
Therefore the planned response aims to increase the knowledge of communities on cholera and modes of transmission and limiting the spread through improved water and sanitation. In the process, the intervention will improve the skills of volunteers in such sensitization activities. Beneficiaries reached through sensitization and community action will total 699,100 persons, comprising 535,000 beneficiaries in Mopti region and 164,100 in Tombouctou region. Additionally, targeted support will be provided to the health system in managing the current caseload of approximately 600 cholera patients.

This operation is expected to be implemented over 3 months, and will therefore be completed by November, 2011. A Final Report will be made available three months after the end of the operation (by February, 2012).

[<click here for the DREF budget; here for contact details; here to view the map of the affected area>](#)

The situation

This year a cholera outbreak has affected the regions of Mopti and Tombouctou. According to the head of Mali Public Health Department, the two main factors responsible for the cholera outbreak are the use of polluted water and not following hygiene principles. For preventive actions, some measures have been taken to sensitize populations on early referral of patients to cholera treatment centres in case of suspected symptoms such as diarrhoea and vomiting. In addition, the stocks of drugs and disinfectant have been increased. A plan of action for the response in the affected areas has been elaborated. The Committee of Epidemic Crisis (CCE) is responsible for the management of some cases. The map at right shows the affected areas highlighted in orange.



Coordination and partnerships

Coordination meetings are routinely conducted within the Red Cross Movement as well as with the local and central government authorities and other actors. These meetings aim to ensure complementary efforts in supporting the Cholera riposte plan. At National, regional and local level, the Committee of Epidemic Crisis (CCE) is the coordinating committee since July 1st, 2011. Mali Red Cross plays a key role in this committee and is actively participating in the response.

Red Cross and Red Crescent action

With the support of Sahel regional Representation (SRR) a quick assessment was conducted by the National Society and in response, Mali Red Cross proceeded with the distribution of products and material to the regional health departments of Mopti and Tombouctou. (See table below).

Throughout its hub, the SRR will continue strengthening the capacity of the Mali Red Cross in Planning, Monitoring, Evaluation and Reporting (PMER) during the operation. The Sahel Regional Disaster Assistant on mission in Mali is supporting the National Society organizing the response. To insure the quality of the Dakar hub's services and reporting, monitoring and evaluation missions are planned to be conducted by Dakar office on the field.

Quantities and types of products and material distributed										
Regions	Tent	Bleach	Disinfectant	Aqua tabs	Bucket	cups	Water bottles of 20 litres	Overall	Alcohol	Liquid soap
Mopti	3	3 boxes	8 boxes	5 boxes	30	30	20	20	15 bottles	20 litres
Tombouctou	3	3 boxes	8 boxes	5 boxes	30	30	20	20	15 bottles	20 litres

The needs

The Ministry of Health, in collaboration with partners has elaborated a response plan of action which determines the immediate needs. As auxiliary of the government, Mali Red Cross proposal is integrated in this response plan. The most urgent needs are as follows:

- **Family Tents:** 26 units will be used to construct *lazarets* to shelter sick persons.

- **Cholera patients mobile Latrines:** 200 units will be used by the sick persons.
- **Health Kits:** composed of Aquatabs for water purification, products and material for the treatment of water points and disinfection of latrines. Red Cross volunteers will be trained and will conduct house to house visits for hygiene promotion, water treatment and cleaning of latrines.
- **Logistics:** Cars will be rented for the transportation of training teams and follow-up activities in the field. Additionally, to facilitate the work of volunteers in the field, boots, gloves, and other safety equipment will be provided.

The proposed operation

The intervention strategy includes:

- Targeted assistance to health system in management of current caseload
- Recruitment, mobilization and training of volunteers;
- Communication for behavioural change;
- House to house visits;
- Treatment of water points;
- Water and sanitation activities.

Emergency health, water and sanitation and hygiene promotion

<p>Outcome 1: To improve the competence of Mali Red Cross volunteers to respond to Cholera epidemics.</p> <p>Outputs (expected results) :</p> <ul style="list-style-type: none"> • The local branch and volunteers are able to respond in a effective and efficient manner to the outbreak. • Affected Communities are able to prevent the spread of the epidemic. <p>Activities planned:</p> <ul style="list-style-type: none"> - Provide 13 local committees with disinfection kits and materials; - Provide 26 family tents; - Set up 200 Cholera patients mobile latrines; - Procurement of health kits composed of 6,000 tablets of aqua tabs for water purification; - Procurement of 26 barrels, cups, 900 litres of bleach, 100 bags of quicklime, 17 sprayers, 9,000 ORS tablets 3,000 Ringer lactate bottles, 2,340 litters of liquid soap, 1,050 bars of soap, 100 boxes of gloves, 24 megaphones and batteries and 100 buckets.
<p>Outputs (expected results)</p> <ul style="list-style-type: none"> • Mali Red Cross has a network of volunteers trained and operational. <p>Activities planned:</p> <ul style="list-style-type: none"> - Adapt and reproduce 424 training manuals on ECV. - Train 385 volunteers and 39 supervisors on response against cholera outbreak using the ECV manuals. The Mali volunteers will support the affected populations to: - Strengthen personal and collective hygiene measures of the communities related to food, water and environment:. - Carry out community actions such as clean up campaigns to reduce flies, support the communities on the disinfection of wells. Mali RC has donated Sanitation materials to the health centres and volunteers will show how to use the materials. - Delivery public information on cholera in market places, mosques and churches on the dangers of cholera and how to prevent it. - Educating people on the disinfection of water and conservation of food. - Sensitization sessions and households visits to deliver messages of hygiene promotion and cholera prevention. - Hand washing demonstration in the communities. - Referral cases: volunteers will search for cases and refer them to a health facility and to give the family information on prevention and treatment of cholera. - Volunteers will revisit all these families as often as necessary to ensure that new cases are not occurring and that families are practicing good hygiene to avoid the spread of the epidemic.
<p>Outcome 2: To improve hygiene practice of target population on preventive and response measures against cholera.</p> <p>Outputs (expected results)</p>

<ul style="list-style-type: none"> • Populations/communities are well prepared and respond against the cholera outbreak. <p>Activities planned:</p> <ul style="list-style-type: none"> - Conduct household visits and organize 5,000 sensitizing sessions for the populations living in risk areas. - Conduct sensitization on household water treatment techniques. - Sensitize households on preparation of ORS. - Provide IEC Materials for volunteers and supervisors. - Prompt referral of severe cases of diarrhoea and vomiting.
<p>Outputs (expected results)</p> <ul style="list-style-type: none"> • Populations/communities put into practice preventive measures to fight against the cholera outbreak. <p>Activities planned:</p> <ul style="list-style-type: none"> - Conduct sanitation activities in the affected areas. - Disinfect and clean family latrines. - Treat and clean the water points.
<p>Outcome 3: To improve the PMER capacities of the Mali Red Cross in Disaster response operation</p> <p>Outputs (expected results)</p> <ul style="list-style-type: none"> • Regular monitoring, evaluation, reporting of the operation. <p>Activities planned:</p> <ul style="list-style-type: none"> - Train the Mali Red Cross Disaster and health management team in the use of PMER tools. - Capture the lessons learned from the cholera operation. - Prepare situational reports for information sharing based on the evolving situation of cholera and when needed prepare an emergency appeal. - Prepare DREF implementation progress reports. - Carry out regular field visits and other monitoring activities and prepare monitoring reports. - Carry out a final evaluation of the activities and prepare the final DREF operations narrative and financial reports by January, 2012.

Contact information

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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.

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The IFRC's work is guided by Strategy 2020 which puts forward three strategic aims:

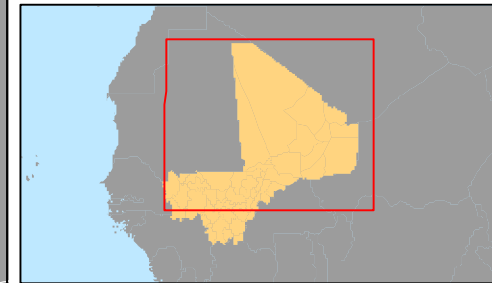
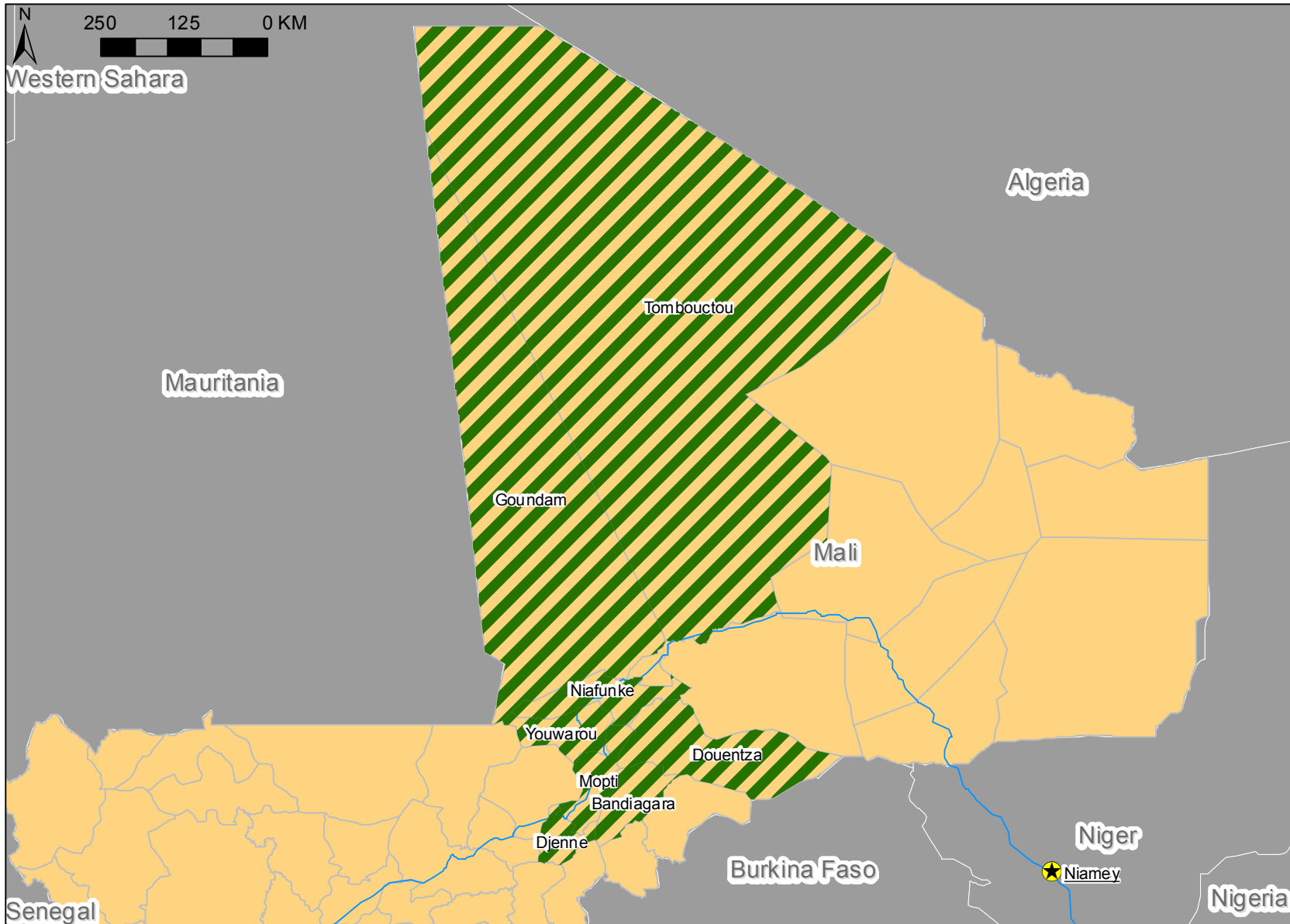
1. Save lives, protect livelihoods, and strengthen recovery from disaster and crises.
 2. Enable healthy and safe living.
 3. Promote social inclusion and a culture of non-violence and peace.
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BUDGET SUMMARY

Budget Group	DREF Grant Budget	TOTAL BUDGET CHF
Shelter - Relief	9,620	9,620
Shelter - Transitional	0	0
Construction - Housing	0	0
Construction - Facilities / Infrastructure	0	0
Construction - Materials	0	0
Clothing & Textiles	0	0
Food	0	0
Seeds & Plants	0	0
Water & Sanitation	39,810	39,810
Medical & First Aid	0	0
Teaching Materials	1,440	1,440
Utensils & Tools	1,752	1,752
Other Supplies & Services & Cash Disbursements	7,652	7,652
Total Supplies	60,274	60,274
Land & Buildings	0	0
Vehicles	0	0
Computer & Telecom	0	0
Office/Household Furniture & Equipment	0	0
Medical Equipment	0	0
Other Machinery & Equipment	0	0
Total Land, vehicles & equipment	0	0
Storage	0	0
Distribution & Monitoring	0	0
Transport & Vehicle Costs	7,465	7,465
Total Transport & Storage	7,465	7,465
International Staff	0	0
Regionally Deployed Staff	0	0
National Staff	0	0
National Society Staff	36,750	36,750
Other Staff benefits	0	0
Consultants	0	0
Total Personnel	36,750	36,750
Workshops & Training	16,848	16,848
Total Workshops & Training	16,848	16,848
Travel	0	0
Information & Public Relation	3,000	3,000
Office Costs	6,601	6,601
Communications	916	916
Professional Fees	0	0
Financial Charges	5,000	5,000
Other General Expenses	4,000	4,000
Total General Expenditure	19,517	19,517
Cash Transfers to National Societies	0	0
Cash Transfers to 3rd parties	0	0
Total Contributions & Transfers	0	0
Program Support	9,156	9,156
Total Programme Support	9,156	9,156
Services & Recoveries	0	0
Shared Services	0	0
Total Services	0	0
TOTAL BUDGET	150,010	150,010



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Affected subdivisions

The maps used do not imply the expression of any opinion on the part of the International Federation of the Red Cross and Red Crescent Societies or National Societies concerning the legal status of a territory or of its authorities.
Map data sources: ESRI, SALB, CIESIN, GIST, IFRC MDRML006.mxd