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## Emergency plan of Action Senegal: Floods

 International Federation  
of Red Cross and Red Crescent Societies

<b>DREF operation</b>	<b>Operation n°</b> MDRSN012
<b>Date of issue:</b> 21 September 2016	<b>Date of Disaster:</b> 5 September 2016
<b>Project manager:</b> Anne Elisabeth Leclerc, Head of Sahel Country Cluster, Dakar	<b>Point of contact:</b> Anne Elisabeth Leclerc, Head of Sahel Country Cluster, Dakar
<b>Date of launch:</b> 18 September 2016	<b>Expected time frame:</b> 3 Months
<b>Total budget of the operation:</b> CHF 159.489.63	
<b>Number of people affected:</b> 10,540	<b>Number of people to be assisted:</b> 10,540 (indirect beneficiaries and direct beneficiaries 4,000 for NFIs)
<b>Host National Society present (number of volunteers, staff, sections):</b> 100 Volunteers (CDRT and NDRT) 3 National staff	
<b>Red Cross Red Crescent Movement partners actively involved in the operation (if necessary and available):</b> Luxembourg, Spanish, American, British, French Red Cross and International Committee of the Red Cross	

## A. Situation analysis

### Description of the disaster

The seasonal weather forecast of the Senegal Meteorological Service showed a normal to increased rainfall season. Although the rainfall was normal to above average throughout the country, Senegal was not spared from recurrent disasters, especially torrential rains, strong winds and floods. The humanitarian situation is worrying due to possible increase of a large number of homeless people in the region of Saint-Louis, more precisely in the department of Dagana.

Since July, rain has caused a series of flooding that continued until September 11, 2016, the latest recorded date. Of all 14 regions in Senegal, 6 were impacted with more than 20,000 people affected, hundreds injured with 5 dead. Among these regions the most affected cities are Dagana, Kafrine, Touba and Fatick.



Houses destroyed after the heavy rains in Dagana.  
Photo /SRC

While the government with its technical and financial partners were mobilizing funds to respond to the food crisis, new floods intensified the distress of vulnerable populations. Consequently, on the nights of September 4 and 5, 2016, a heavy rain accompanied by strong winds caused significant material and human damage with a large number of affected people. In the area of St. Louis, it was estimated that there were about 1,313 affected families; especially in the department of Dagana that recorded 5 deaths and 106 injured, and destroyed houses, fields, schools, sleeping materials, household goods (chair, clothing, etc.) and walls. In addition, food stock reserves, poultry and livestock were lost in 4 towns and in the 40 villages mentioned below.

## Summary of the rapid assessment of the situation in the department of Dagana

Affected areas	Damaged house		Damaged roofs		Damaged fields		Closing wall	Water source	Food Items	Livestock	People	
	Total	Partial	Total	Partial	Total	Partial	Destroyed	Destroyed	Destroyed	Dead	Injured	Dead
<b>Mbane</b>	1,500	153	1,002	301	35	56	256	8	1,002 families	3	56	3
<b>Gaya</b>	96	25	56	49	0	3	61	0	2		2	0
<b>Gnith</b>	75	30	50	30	0	5	5	0	70 families		10	0
<b>Bokhol</b>	1118	18	199	16	3	1	108	0	15 families	2	9	2
<b>Ronkh</b>	735	936	1004	937	9	38	21	3	264 families	0	21	0
<b>Richard-Toll</b>	29	61	58	85	3	25	43	2	72 families		8	0
<b>TOTAL</b>	<b>3,553</b>	<b>1,223</b>	<b>2,369</b>	<b>1,418</b>	<b>50</b>	<b>128</b>	<b>494</b>	<b>13</b>	<b>1313</b>	<b>5</b>	<b>106</b>	<b>5</b>

- **Municipality of Ronkh:** Village of: *Thiedel municipality of La docky; Niettyè yone; keur Sadibou; karriere; Colonat; Bountou bakk, Pakh, Tola; Keur Idy; Willi thily*
- **Municipality of Ngnith:** Village of *Theuss, thieckene, Nder, Themey Maure; Gnith; Pokhatane, Darou salam; Ndilim; Ouandou; Ndiourki; Kaddu ndef; Tordianabé, Diokhor, NDiemen; Thiamen; Nadiel 3*
- **Municipality of Gaya:** *Villages Lagdé, Tivaouane peulh; Pal 1; Pal2; Ndiorna, Boleydi, Goumel; Ndiareme south*
- **Municipality of Richard-Toll:** *villages and districts of Ndombo alarba; Souleymane 1 camping; Souleymane Sy camping; And the municipality of Bokhol*

## Summary of the current response

### Overview of Host National Society

Following the floods, the Senegalese Red Cross (SRC) deployed members of the Community Disaster Response Team (CDRT) who are volunteers of the NS plus one NDRT to conduct a rapid assessment to establish the immediate needs of the affected population. The assessment was looking at the extent of damage and the most urgent needs of the communities.

The SRC has a network of more than 30,000 active volunteers across the country. The County Committee of the Dagana Red Cross through its local committees and local authorities, conducted a rapid assessment of the damage immediately after climatic hazards. Rescuers said committee evacuated 106 wounded and five deceased persons at the nearby health services having provided first aid to the injured. Local authorities supported by volunteers, have provided shelter to many of the affected people in schools nearby or with parents/neighbours/friends or in temporary shelters.

[<click here for the contact details, here for budget and here for the map of the affected area>](#)

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

The International Federation of Red Cross and Red Crescent Societies (IFRC) provides technical support to the SRC through its Sahel Country Cluster Office, which is based in Dakar, Senegal, and Africa Region Office, in Nairobi, Kenya. On 11 July 2016, an alert was issued using the IFRC Disaster Management Information System (DMIS), which indicated the intention of the SRC to request international assistance to the floods through an allocation from the Disaster Relief Emergency Fund (DREF).

The International Committee of the Red Cross (ICRC) has a delegation in Senegal but operating in the southern part not in the affected area by this present floods. The Luxembourg RC provided a vehicle to SRC to facilitate the deployment of volunteers to conduct assessments in the affected communities. The logistical support enabled the NS to access the most remote communities.

The SRC is supported by 6 PNS including the French, Luxemburg, Danish, British, Spanish and American Red Cross.

### Overview of non-RCRC actors in country

The government supported the flood affected populations by providing 35,000 kg of rice. The NS is still working to establish the number of beneficiaries reached with the food assistance. One Million XOF was transferred by the government to two families who lost family members.

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

Based on the findings of the rapid assessments, about 700 families (approximately 5,600 people) were affected by the floods and have immediate needs in the following areas: *Emergency Shelter - Water, sanitation and hygiene promotion - Prevention of communicable diseases - Food aid.*

Despite the contributions that have been made by local authorities and goodwill, it remains important to cover needs to help the affected population. It is expected that this DREF operation will help to ensure that the affected population needs are met, while the SRC also continues to advocate for additional support from the ICRC and Partner National Society (PNS).

#### **Risk Assessment**

Since 4 September, the rains continue to fall. The rainy season is far from over. According to weather forecasts, the rain will continue until the end of October 2016. Need for protection kits against bad weather (temporary shelter, clothing and bedding) for the populations of the areas mentioned above and even newly affected populations are already high. Some flooded areas are difficult to access because of poor quality roads. The risk of water-related diseases is imminent (diarrhoea, skin diseases) and food insecurity with the loss of crops, livestock and the destruction of food supplies. Besides, the number of affected people is increasing more and more because of heavy rains accompanied by violent winds which last occurred on the night of September 12 to 13.

#### **Beneficiary selection:**

With this DREF operation, 500 families (4,000 people with an average of 8 family members) will be targeted in the department, based on the following criteria. The beneficiary selection will focus on the households and families who were affected and had their homes damaged/destroyed by the flooding on the 4 and 5 of September 2016.

- A total of 500 families who lost their basic goods (bedding, hygiene kits, etc.) will receive NFI
- A total of 500 families whose houses were totally destroyed and are housed in public facilities or in host families will receive emergency shelter, NFI
- A total of 6,000 people (including 500 households already targeted and 2,000 others affected) will be reached through hygiene promotion campaigns to ensure prevention of waterborne diseases. The hygiene promotion activities will be complemented with distribution of hygiene products

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

### **Overall objective**

Contribute to the immediate assistance of the 500 floods affected households through the provision of essential emergency relief, shelter, health, water, sanitation and hygiene promotion, for a period of 3 months.

### **Proposed strategy**

The DREF operation aims to support the SRC for emergency relief assistance to meet the immediate needs of 500 households. In addition to the 500 households a total of 10,500 people will be reached with hygiene promotion activities.

- The reimbursement of expenses incurred in rapid assessments (Per diem for volunteers).
- The training of 100 volunteers on registration of beneficiaries, aid distribution, hygiene promotion, and use of shelter kits. Each training will last for 4 days and ensure that volunteers are skilled to guarantee the effective implementation of the DREF operation.
- Construction of 90 temporary latrines
- Identification and rehabilitation of 13 wells
- Conduct campaigns of cleaning and disinfection of latrines and to improve community sanitation
- Distribution of NFIs to 500 households comprising 1,000 blankets (two per household), 1,000 mosquito nets (2 per household) 1,000 sleeping mats (2 per household), soap (3 pcs per household) and purification tablets water (10 bags per household)

- Distribution of emergency shelter items to 500 most affected households with 500 shelter tool kits (one per household) and 1000 tarpaulins (2 households). Each family will also receive a bucket, two jerry cans, soap (approx. 3 pieces per household) and tablets for water purification (10 bags per household).  
Distribution of 500 kitchen sets (one per household)

The SRC will ensure that the operation meets the urgent needs of the most vulnerable populations by involving beneficiaries' committees in the process of identifying beneficiaries and the development of list of beneficiaries while working closely with other humanitarian actors in the field. By working with the committees of beneficiaries, vulnerability criteria will be defined (displaced/homeless people, single women chief of families, disabled, 0-5 year children and pregnant women). Due to the persistent rain, the teams will continue to help the families initially targeted and identify other members of the population in need of assistance. All SRC actions will be guided by respecting the minimum standards (SPHERE). The SRC volunteers will present demonstration on the use of distributed items, including the construction of temporary shelters to the distribution points as well as during follow-up visits in the implementation areas.

## Operational support services

### Human resources

The Secretary General of SRC is the first one in charge of the operation to give guidance and facilitates the coordination of the operation between SRC (governance and Secretariat) and the field. He makes easy the interaction between the support and technical services and SRC. He will be in contact with IFRC technical services.

The National Disaster Management Coordinator will be in charge of the implementation of the operation. He will ensure that that assistance is provided to the affected families in effective and efficient ways, plans and organizes volunteers as needed

The ones in charge of the health department and the water and sanitation one will technically support the DM coordinator in the implementation of response activities.

The NS has NDRT shelter team well trained. This team was coached by head of the shelter and wash department. In this operation The NDRT shelter team will implement the shelter portion with the beneficiaries.

A total of 100 volunteers, team leaders and supervisors have been already mobilized and have been conduct rapid needs assessment as well as the selection of beneficiaries. They will be in charge of distribution and sensitization activities. They will also provide technical support for the construction of temporary shelters and latrines.

Additionally, IFRC will support the RCC in deploying an RDRT member with the appropriate profile for the effective implementation of the DREF operation. Monitoring missions will be organized by IFRC Dakar Cluster.

The IFRC Sahel country office will provide technical support to ensure that the DREF operation is implemented in accordance with the Emergency Action Plan and the terms of the DREF as agreed.

### Logistics and supply chain

A Logistician assistant will be dedicated to the DREF operation to support the acquisition: The SRC has the capacity to provide the required items for the planned activities and transportation to the implementation areas according to the IFRC procedures.

Transport and Fleet needs: The DREF allocation will sustain the rental of a vehicle to assist the implementation of the planned activities (for 3 months) which includes the allocation of fuel (1,500 litres) and maintenance. IFRC Sahel Office will provide items (NFIs, shelter kits, etc.) required from pre-positioned stocks in Senegal and will support their transportation costs to the implementation areas (transport truck, etc.)

#### Stocks available in IFRC Warehouse in Dakar:

ITEMS	YES	NO
Buckets	✓	
Soap	✓	
Shelter tool kit	✓	
Blankets		✓
Sleeping Mats		✓
Mosquito Nets		✓
Tarpaulins		✓
Jerry cans		✓

## **Information technology (IT)**

To ensure permanent contact between teams and field coordination, NS will use the Internet, mobile phones, as well as HF and VHF radio networks to facilitate communication.

## **Communication**

Communication materials will be developed to make visible the humanitarian action of the Senegalese Red Cross and its partners, through the production and realization of press releases, land reports, newspaper articles, radio broadcasts, infomercial, posters, flyers, banners, videos, movies, photos, media coverage, facts and figures, case studies, pictures, videos, brochures, etc. The media will be involved for the media coverage of food and non-food distribution operations, large-scale hygiene promotion activities. Social media will be used to optimize the visibility of the action of the movement.

**Security:** The National Society ensures maximum safety for response teams in the field.

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

The implementation of this DREF will be based on the following principles:

- The Senegalese Red Cross will implement a regular plan of monitoring/evaluation to ensure the effectiveness and efficiency of prevention activities.
- Regular reports on the execution of the operation will be developed and shared.
- An orientation session for volunteers will be held on basic principles of monitoring/evaluation coordinated by the PMER manager.

It is expected that there will be post distribution monitoring survey (survey on beneficiary satisfaction) and a DREF review workshop will also be performed to evaluate the lessons learned to enable key successes, challenges, best practices and recommendations to be captured and applied in future DREF Operations and Emergency Appeals. The Regional staff and Coordination will also be mobilized to monitor/supervise the implementation (1 month/3 months)

## **Administration and finance**

- The Senegalese Red Cross has a Finance and Accounting Department. IFRC Finance staff will work closely with the NS finance department, which will ensure the proper use of financial resources in accordance with conditions to be discussed in the Memorandum of Understanding between the National Society and the IFRC Country Cluster.
- Management of financial resources will be carried out according to the procedures of the NS and DREF guidelines.

## C. DETAILED PLAN OF THE OPERATION

### Quality programming / Areas common to all sectors

<b>Outcome 1: Continuous and detailed assessment and analysis is used to inform the design and implementation of the DREF operation.</b>														
<b>Output 1.1:</b> Rapid and detailed needs assessments and analysis is used to inform the design and implementation of the operation														
Activities planned	weeks	1	2	3	4	5	6	7	8	9	10	11	12	
Conduct rapid needs assessment (target: 50 volunteers / 5 days)		■												
Participate in coordination meetings with stakeholders at national and regional levels		■	■	■	■	■	■	■	■	■	■	■	■	
A beneficiary satisfaction survey will be conducted										■	■			
Conduct lessons learned workshop												■		

### Health & care

<b>Outcome 2: The immediate health risks of the population affected by floods is reduced in Dagana over a period of three months.</b>														
<b>Output 2.1</b> Mosquito nets are provided to the targeted population who are being sensitized about their use (target 500 families)														
Activities planned	weeks	1	2	3	4	5	6	7	8	9	10	11	12	
Distribution of mosquito nets; and awareness on their use (target: 1,000 nets/two per family)				■	■									

### Water, sanitation and hygiene promotion

<b>Outcome 3: Immediate risk of waterborne disease is reduced through the provision of safe water supply and hygiene promotion in targeted villages over a period of three months</b>														
<b>Output 3.1:</b> Target population in the affected area is provided with access to safe drinking water (Target: 500 households)														
Activities planned	weeks	1	2	3	4	5	6	7	8	9	10	11	12	
Distribution of water purification chemicals (aqua tabs); and demonstration of their use (target: 84,000 pcs)					■	■								
Disinfections and rehabilitation of 13 damaged wells				■	■	■	■							
Distribution of 500 jerry cans of 20 litres				■	■									
<b>Output 3.2:</b> The target population in areas affected by the floods has improved sanitation kit (target: 500 households)														

Activities planned	weeks	1	2	3	4	5	6	7	8	9	10	11	12
Conduct cleaning and disinfection campaigns of communal latrines (Target: 3 campaigns per month during the 3month implementation timeframe)													
<b>Outcome 4.</b> Target population in the flood-affected areas are provided with hygiene promotion, which meet Sphere standards (target: 500 households)													
<b>Output 4.1:</b> Populations are provided with means and knowledge for proper care of hygiene according to Sphere standards													
Activities planned	weeks	1	2	3	4	5	6	7	8	9	10	11	12
Training volunteers in hygiene promotion and health (target: 25 volunteers)													
distribution of family hygiene kits (Target: 500 buckets, cans and soap 3,000 pcs to 500 households)													
Organise hygiene promotion activities (target: 10,500 in the affected area)													

## Shelter and settlements (and household items)

<b>Outcome 4:</b> Immediate housing needs and settlement of the population most affected by the flooding are met over a three-month period													
<b>Output 4.1:</b> Target population is provided with Non-Food Items (NFIs) and emergency shelter items (target: 500 families)													
Activities planned	weeks	1	2	3	4	5	6	7	8	9	10	11	12
Training of volunteers on the beneficiary registration/selection; and relief distributions (target: 25 volunteers)													
Volunteer training on the use of shelter tool kit (target: 25 volunteers)													
registration / selection of beneficiaries; including the issue of registration cards													
Distribution of NFI (Target: 1000 sleeping mats, 1,000 blankets to 500 households)													
Distribution of emergency shelter items (target: 500 shelter tool kits, 1,000 tarpaulins to 500 households)													

## Budget

See attached budget.

## Contact Information

For further information specifically related to this operation please contact:

- **In the National Society:** Senegalese Red Cross Society: Mamadou Sonko, Secretary General, Tel: +221 338233992; Email: [sonkomala@yahoo.fr](mailto:sonkomala@yahoo.fr)
- **IFRC Head of Sahel Country Cluster:** Anne Elisabeth Leclerc, Head of Sahel Country Cluster Support Team; Dakar; phone: +221 33 869 36 41; email: [anne.leclerc@ifrc.org](mailto:anne.leclerc@ifrc.org)
- **IFRC Regional Office for Africa: Farid Abdulkadir, Head of DCPRR; Nairobi; phone: +254 731 067 489; email: Farid.aiwar@ifrc.org**
- **IFRC Geneva:** Tiffany Loh, DREF Senior Officer; phone: +41 22 730 495; email: [tiffany.loh@ifrc.org](mailto:tiffany.loh@ifrc.org)
- **IFRC Regional Logistics Unit (RLU):** Rishi Ramrakha, Head of Regional Logistics Unit; Tel: +254 733 888 022/ Fax +254 20 271 2777; email: [rishi.ramrakha@ifrc.org](mailto:rishi.ramrakha@ifrc.org)

For Resource Mobilization and Pledges:

- **IFRC Regional Office for Africa:** Fidelis Kangethe, Partnerships Resource Development Coordinator; email: [fidelis.kangethe@ifrc.org](mailto:fidelis.kangethe@ifrc.org)

For Performance and Accountability (Planning, Monitoring, Evaluation and Reporting):

- **IFRC Regional Office for Africa:** Penny Elghady Acting PMER Coordinator, Africa region Tel. +254 20 283 5000, Email: [penny.elghady@ifrc.org](mailto:penny.elghady@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 Humanitarian 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:



**Save lives,**  
protect livelihoods,  
and strengthen recovery  
from disaster and crises.



Enable **healthy**  
and **safe** living.



Promote **social inclusion**  
and a culture of  
**non-violence and peace.**

# DREF OPERATION

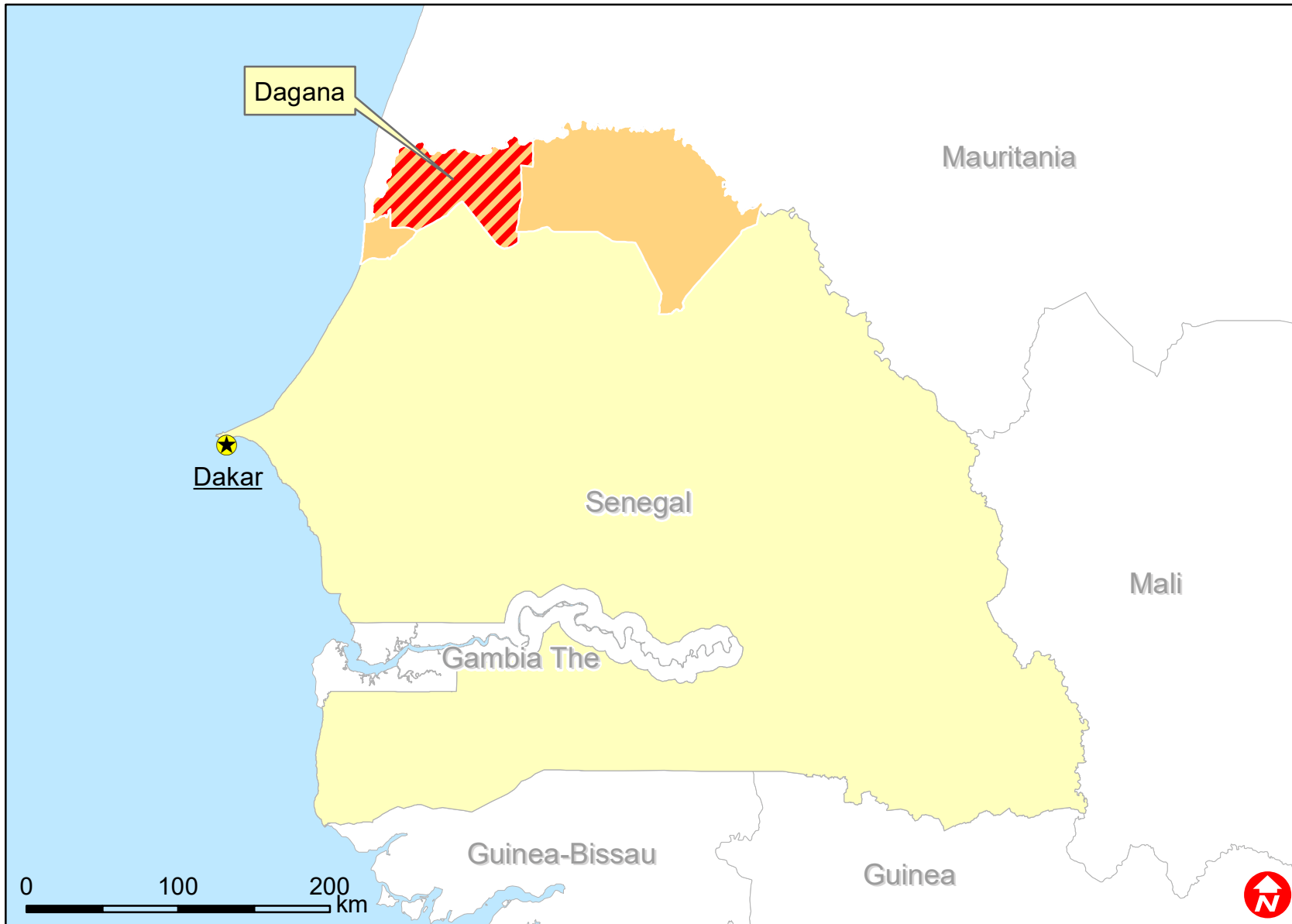
21/09/2016



## MDRSN012: Senegal Floods

Budget Group	DREF grant budget	Expenditure CHF
Shelter - Relief	30,000	30,000
Shelter - Transitional	0	0
Construction - Housing	0	0
Construction - Facilities	0	0
Construction - Materials	0	0
Clothing & Textiles	13,355	13,355
Food	0	0
Seeds & Plants	0	0
Water, Sanitation & Hygiene	25,862	25,862
Medical & First Aid	0	0
Teaching Materials	0	0
Utensils & Tools	17,008	17,008
Other Supplies & Services	5,028	5,028
Emergency Response Units	0	0
Cash Disbursements	0	0
<b>Total RELIEF ITEMS, CONSTRUCTION AND SUPPLIES</b>	<b>91,253</b>	<b>91,253</b>
Land & Buildings	0	0
Vehicles Purchase	0	0
Computer & Telecom Equipment	0	0
Office/Household Furniture & Equipment	0	0
Medical Equipment	0	0
Other Machinery & Equipment	0	0
<b>Total LAND, VEHICLES AND EQUIPMENT</b>	<b>0</b>	<b>0</b>
Storage, Warehousing	0	0
Distribution & Monitoring	2,517	2,517
Transport & Vehicle Costs	19,159	19,159
Logistics Services	0	0
<b>Total LOGISTICS, TRANSPORT AND STORAGE</b>	<b>21,675</b>	<b>21,675</b>
International Staff	14,000	14,000
National Staff	0	0
National Society Staff	4,530	4,530
Volunteers	4,174	4,174
<b>Total PERSONNEL</b>	<b>22,704</b>	<b>22,704</b>
Consultants	0	0
Professional Fees	0	0
<b>Total CONSULTANTS &amp; PROFESSIONAL FEES</b>	<b>0</b>	<b>0</b>
Workshops & Training	8,537	8,537
<b>Total WORKSHOP &amp; TRAINING</b>	<b>8,537</b>	<b>8,537</b>
Travel	2,000	2,000
Information & Public Relations	252	252
Office Costs	1,085	1,085
Communications	1,250	1,250
Financial Charges	1,000	1,000
Other General Expenses	0	0
Shared Support Services	0	0
<b>Total GENERAL EXPENDITURES</b>	<b>5,587</b>	<b>5,587</b>
Programme and Supplementary Services Recovery	9,734	9,734
<b>Total INDIRECT COSTS</b>	<b>9,734</b>	<b>9,734</b>
<b>TOTAL BUDGET</b>	<b>159,490</b>	<b>159,490</b>



# Senegal: Floods



-  Most affected Area
-  Affected region