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Emergency Plan of Action (EPoA) Ghana / Upper East: Floods

 International Federation
of Red Cross and Red Crescent Societies

DREF ° MDRGH016	Glide n° FL-2019-000135-GHA
Date of issue: 29 October 2019	Expected timeframe: 4 months Expected end date: 26 February 2020
Category allocated to the of the disaster or crisis: Yellow	
DREF allocated: CHF 152,657	
Total number of people affected: 26,083 (4,333 households)	Number of people to be assisted: 26,083 (4,333 households)
Host National Society presence (n° of volunteers, staff, branches): GRCS has over 60,000 volunteers, 50 staff, and 10 regional offices across the country. The National Society (NS) currently has 85 trained and established District Disaster Response Teams (DDRTs) members across the country, 33 National Disaster Response Team (NDRT) members, 10 Regional Emergency Response Teams (RERT) consisting of 135 members, 45 Community Disaster Preparedness and Response Teams (CDPRT) consisting 910 members, 53 National Society staff, and five Partner National Society staff. In Upper East Region, Ghana Red Cross Society has 2 regional staff supported by 15 District Organisers and 400 Community Disaster Prevention Response Teams (CDPRTs) position in 20 communities.	
Red Cross Red Crescent Movement partners actively involved in the operation: The Swiss Red Cross, the only PNS present in Ghana has been supporting the Ghana Red Cross Society (GRCS) in conducting the joint needs assessments. The International Federation of Red Cross and Red Crescent Societies (IFRC), through its WASH delegate based in Ghana and with technical support from the Abuja Country Cluster Support Team (CCST), is supporting the National Society by providing technical support, coordination and resource mobilisation.	
Other partner organizations actively involved in the operation: National Disaster Management Organisation (NADMO) and the Swiss Red Cross.	

A. Situation analysis

Description of the disaster

Ghana experienced heavy rains combined with water releases from the Bagre Dam in Burkina Faso in early October 2019 which caused serious flooding and extensive damage to farmlands, houses, properties and loss of lives across the country. Between the 6 to 12 October 2019, the Upper East Region, experienced torrential rains which resulted in damaged houses and farmlands leading to displacement of people and fatalities.

Local media in Ghana reported that as many as 29 people (to be verified by local authorities) have died in flood-related incidents. Media reports also suggested that between 1,000 and 4,000 buildings have been destroyed or severely damaged, including almost 2,000 in Kassena-Nankana Municipal, which includes the town of Navrongo and 830 in Bongo district.

Due to the flood situation and the number of people affected by the floods, the Vice President of Ghana has visited he affected areas on 15th October 2019. In comparison to the previous floods (2018) this year has caused more damages in terms of shelter partially, completely destroyed, and loss of household items.

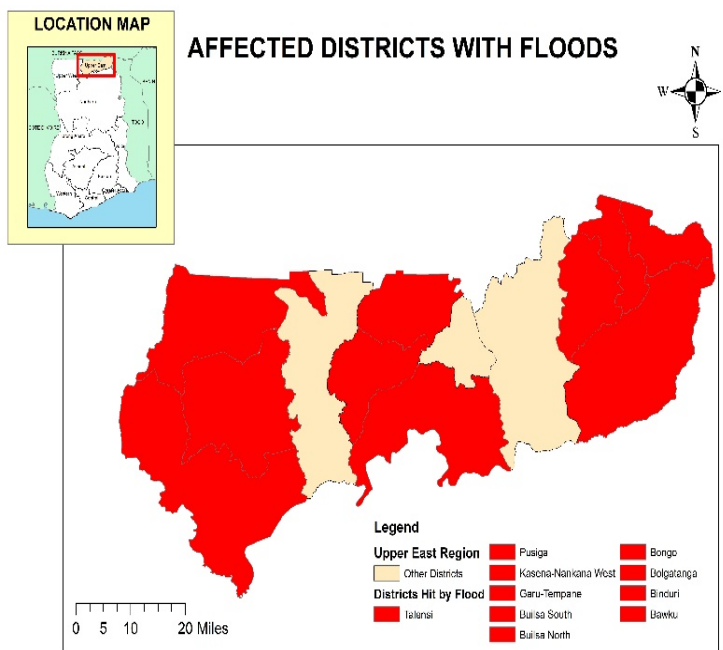


Figure 1: Flood-affected Area Map from Ghana Red Cross Society

A joint rapid assessment was completed by National Disaster Management Organization (NADMO) and Ghana Red Cross Society (GRCS) and reported that a total of 26,083 people (out of which 10,890 are children) were affected and 19 deaths were reported in the Upper East Region. There were 133 households displaced now taking shelter in Manyoro area Council. A total of 116 communities from 13 districts were negatively affected by the floods. Over 2,218 houses were totally destroyed with 3,743 others partially destroyed and their occupants displaced and now sheltered in nearby schools, churches, Area council and with relatives. This indicates immediate need for water, food and household items, including temporary shelter, beddings (blankets, mattresses & mats), kitchen sets, water collection and treatment tablets among others.

GRCS with the support of Swiss Red Cross immediately activated its Community Disaster Response Teams (CDPRTs) to provide psychosocial support and conduct an initial needs assessment. Some displaced families in Kassena Nankan and Builsa North Districts have been provided with family tents. GRCS also distributed water containers to 20 families living in the Area Council building in Manyoro in the Kassena Nankana Municipal.

NADMO has started distribution of household items to some affected communities and has promised to support the families with more household items and food. The challenge remaining is how to tackle the reconstruction of the affected houses for the families who are currently taking refuge with relatives, schools, churches and the area council.

This DREF request amounting to CHF 152,657 will enable Ghana Red Cross Society (GRCS) to meet the urgent needs of the affected communities and would provide assistance to 4,333 households through shelter household Items, Water, Sanitation and Hygiene (WASH) and health.



Destroyed food



Destroyed house



Provision of emergency shelter

Summary of the current response

Overview of Host National Society

In the Upper East region, GRCS with NADMO have conducted a joint assessment on the 8 to 12 October 2019 in the affected communities to determine the impact of the floods. Ghana Red Cross Society with the support of Swiss Red Cross the only in country Partner National Society (PNS) immediately activated its Community Disaster Response Teams (CDPRTs) to provide psychosocial support services and conducted a Detailed assessment. A total of 2,218 displaced families in Kassena Nankan and Builsa North Districts have been provided with family tents. GRCS also distributed water containers to 20 families living in the Area Council building in Manyoro in the Kassena Nankana Municipal. However, due to lack of prepositioned materials, the NS is not able to provide additional support to the affected communities.

In 2018, Upper east community was affected by another flood emergency caused by Dam spillage in Burkina Faso, 21,336 people (3,556 households) were affected, GRCS received DREF to provide relief to 9000 people including shelter, health and WASH activities from September 2018 to January 2019. Some of the key lessons observed during the last operations were delayed in procurement of relief items and no prepositioning of relief material, lack of coordination from local authorities and limited need assessment data.

For this DREF, strong coordination with NADMO at National and Regional level, to present its details plans indicating areas of interventions, target groups, and locations. NS will also enquire plans from other stakeholders involved in this operation. GRCS will immediately release some of its existing NFI in the HQ comprised of 400 mosquito nets, soap, kitchen sets, aqua tabs etc.

Overview of Red Cross Red Crescent Movement in country

The International Federation of Red Cross and Red Crescent Societies (IFRC), through its WASH delegate based in Ghana and with technical support from the Abuja Country Cluster Support Team (CCST), has provided technical support to the NS with the preparation of the DREF request.

Consultative and Movement coordination has been established in country between the NS, IFRC and Swiss Red Cross Society to avoid duplication and gaps. The Swiss Red Cross has intentions to provide support to 200 flood-affected people in the Upper East region with cash transfer (for two months) and reconstruction of shelter. The targeted people supported by the SRC will differ from the beneficiaries targeted in the DREF. The GRCS in partnership with Swiss Red Cross has just commenced a Community Based Disaster Risk Reduction Project in the same region.

Overview of non-RCRC actors in country

The major stakeholders in Ghana are National Disaster Management Organisation (NADMO), which is responsible for coordination at all levels, Ghana Health Service, District Assemblies, traditional leadership, UN agencies and other civil society actors.

NADMO is unable to cope with the increasing needs resulting from the continuous rains and later the Bagre dam spillage. As such, it appeals to corporate bodies and non-governmental organizations to complement government's efforts to save lives through its coordination meetings and media. NADMO will only support a limited number of people with food and non-food items from their only remaining contingency stock. The GRCS has conducted a detailed assessment in collaboration with District Directors and regional Coordinators of NADMO. At the time of writing this DREF no coordination meeting was held by NADMO. However, the NS is normally represented by the Regional manager during such meetings.

Internally, Ghana Red Cross will be overall coordinator, weekly movement coordination will be held represented by NS head of departments, Swiss Red Cross and IFRC.

Needs analysis, targeting, scenario planning and risk assessment

Needs analysis

According to the initial joint assessment conducted by NADMO and Red Cross as of 18 October 2019, a total of 26,083 people (4,333 households) in 13 districts (116 communities) have been affected by the floods, 2218 houses destroyed, and 3743 houses partially destroyed resulting in 21 deaths and 19 injured. There were 133 households displaced now

taking shelter in Manyoro area Council. Some of water and sanitation infrastructures has been inundated and or contaminated by flood waters. See Table 1 below for details:

Table 1: Number of Persons Affected

	DISTRICTS	NUMBER OF PERSONS AFFECTED						Total people affected	Partially destroyed houses	Completely destroyed houses	Total houses affected
		ADULTS		CHILDREN		Injured	Deaths				
		M	F	M	F						
1	Bolgatanga	176	190	253	258	0	3	877	6	198	204
2	Navrongo	977	1,068	1,418	1,591	3	3	5,054	34	985	1,019
3	Bawku	240	298	70	95	3	1	703	30	120	150
4	Bolgatanga East	6	8	12	9	0	0	35	6	1	7
5	Kassena Nankana West	457	503	608	476	5	4	2,044	230	34	264
6	Builsa North	2,155	2,824	536	461	8	3	5,976	1,478	635	2,113
7	Builsa South	253	362	476	636	0	0	1,727	270	53	323
8	Pusiga	229	304	225	254	0	0	1,012	297	19	316
9	Binduri	240	254	258	245	0	1	997	244	1	245
10	Garu	172	361	149	201		1	883	192	28	220
11	Tempane	206	412	371	628	0	0	1,617	92	13	105
12	Bongo	945	2,183	372	628	0	1	4,128	724	106	830
13	Talensi	167	203	314	346	0	4	1,030	151	25	176
TOTAL		6,223	8,970	5,062	5,828	19	21	26,083	3,743	2,218	5,961

A detailed needs assessment is currently being analysed and a report will be completed and shared. Based on the initial assessment the following were the findings. As the floods have caused the destruction of property especially when one considers those families whose households have been completely destroyed. There is therefore the need to support affected families with non-food items such as blankets, mattresses and kitchen sets.

Health: The floods pose a risk of the spread of vector and water borne diseases such as cholera, malaria and other diarrheal diseases. The major challenges are stemming from lack of access to safe water as well as proper sanitation facilities in the affected areas. Most of the water sources have been contaminated due to the floods. The sanitation facilities have also been destroyed by the floods in some areas leading to high incidences of open defaecation.

Water and sanitation: Some of these facilities have been affected by the floods, hence the operation will also need to consider this. Continuous assessments: GRCS intends to conduct an in-depth needs assessment in the affected areas to have a more informed context overview of the situation as a matter of priority.

Targeting

This DREF operation will enable GRCS to provide support to families whose houses had been destroyed. Thus, as part of this operation, GRCS will be supporting the following activities:

- Health and WASH promotion activities
- Provision of relief support to assist families
- Volunteers capacity strengthening through refresher trainings to carry out planned activities,
- Prevention of waterborne diseases and orientation training for community engagement.
- Conduct continuous assessment of the needs of affected households to adjust actions undertaken through this operation.

Through this DREF operation, the GRCS will inform the government on the areas of focus and the interventions to ensure that other stakeholders are informed and avoid duplication of efforts and gaps. Also, press release will be made on the DREF to ensure the public are informed on the key activities and area of focus. GRCS will support 600 households

(3,600 people) whose houses are completely destroyed where and in need of basic household items in the districts of Bulisa North, Botgatanga and Navrunog and another 4,333 households were generally affected by the floods in the 13 districts with health and hygiene promotion activities and preparedness covering the rest of the affected areas.

These will be selected from the most vulnerable households depending on their level of vulnerability, with special attention to the most vulnerable individuals including the elderly, female headed households with children under six years, lactating and pregnant mothers and people with disabilities.

Scenario planning

This DREF operation will be based on the scenario that the torrential rains would quell down, reducing the number of people or property at risk of floods and ensure no disease outbreak will be declared. In response, the National Society will implement activities as laid out in the EPoA published at the launch of this operation.

Scenario	Scenario Description	GRCS Response
Best Case	The rains stop and water levels reduce significantly in Upper East region, resulting to no more people affected, and no secondary effects are suffered e.g. outbreak of diseases in the current affected areas or other parts of the country.	Limited to the current DREF operation and no more than five months response.
Most Likely Scenario	The heavy rainfall continue into November rains may stabilize for some time until water flood recedes.	Limited to the current DREF operation and not more than five months response and enhance community flood early warning through the community disaster response teams.
Worst Case Scenario	The heavy rainfall continues through December 2019 including in Burkina Faso, resulting in a spillage of Bagre dam this will result in massive displacement, destruction of infrastructure, livelihoods and increase in deaths in East and Northern Regions.	Revision of the current DREF operation through an operation update, increase timeframe and possible request for a second allocation.

Operation Risk Assessment

The staff and volunteers may face some risks in implementing this DREF. These include:

- Roads and bridges destroyed by the rains and that might pose potential risks during movement of staff and volunteers.
- Unstable walls and foundations of compromised houses that can pose a threat to staff and volunteers when interacting with communities.
- The high level of stagnant water might present potential hazards during the movement of staff and volunteers as they are likely to fall in open pits or get hurt by obstacles including broken bottles during movement.
- Most of the main water within the affected communities will be contaminated or exposed to potential contamination. Similarly, the damaged sewage network and inundated septic tanks and pit latrines might pose major health risks which are likely affect staff and volunteers during the operation.

The risk mitigation measures that are put in place include:

- Movement of staff and volunteers will be coordinated based on security clearance.
- All volunteers will be insured for the duration of the operation.
- All operations field teams will be provided with safety gears, safe water and food packages and encouraged to avoid using latrines which are unsafe.
- Volunteers will be trained on Epidemic Control to strengthen community surveillance and hygiene promotion. Volunteers will receive orientation including awareness on safe hygiene measures to prevent food and water borne diseases.
- Regular safety and security briefings will be conducted.

B. Operational strategy

Overall Operational objective:

The overall objective of the operation is to provide rapid life-saving support to 600 households completely displaced out of the 4,333 affected by floods focusing on shelter, WASH and Health interventions through social mobilization and distribution household items.

Proposed strategy

With support from the DREF, the NS will implement Shelter, Health and WASH activities including training of 100 volunteers from affected communities on how to conduct community social mobilization and promotion of health and hygiene activities and community-based disease surveillance. The NS will distribute household items (blankets, mats, plastic buckets, jerry cans, hygiene kits, kitchen sets, and aqua tabs) to 600 affected households. NS will conduct health and hygiene promotion activities in all affected communities through community meetings, radio slots and house to house education by trained volunteers.

This DREF operation intends to support the GRCS to aid affected communities for 4 months. The operational timeframe requested is for five (5) months to allow proper completion of activities. The fifth will be to complete the lessons learnt workshop and DREF review. The operation will have a public health focus, including provision of community-based health and first aid (CBHFA), water, sanitation and hygiene promotion, and distribution of household items to the target communities. A total of 100 volunteers will be involved in this operation for four months and will support the shelter, health and WASH activities. The volunteers will be given a monthly allowance of 35 CHF for four months as this will be cost-effective and the same 100 volunteers will be engaged in multiple sector activities outlined below.

The key areas of focus for this DREF include the following:

- **Shelter:** GRCS will provide immediate shelter related household needs to 600 households whose houses are completely destroyed due to floods. The shelter household items package will include the following items: blankets (2 per family¹), kitchen sets (2 per family) and 2 mats (2 per **family**). A total of 60 volunteers (out of the 100 volunteers) will be involved in the registration and distribution of household items and will be engaged for 10 days to complete both activities.
- **Health:** GRCS, will setup 13 community based oral rehydration points (ORPs), in each of the affected districts (13), which will function as community-based disease surveillance systems (CBS) to monitor any eventual disease outbreak. These health posts will have a link to the nearest health facility within their geographical areas. The DREF will also distribute mosquito nets to households (2 pieces per household) completely destroyed and displaced families. Community awareness and prevention on malaria will be part of community social mobilisation activities. Intensive health and hygiene awareness campaigns through house to house, public meeting and radio slots will be carried out.

A total of 100 volunteers will be involved in the registration and distribution of mosquito nets, community-based disease surveillance and oral rehydration points, and community social mobilization activities. Each volunteer will be engaged twice a week for at least four months.

- **Water, Sanitation and Hygiene (WASH):** To ensure access to safe water supply, GRCS will distribute water treatment tablets (Aqua tabs; 1 tablet for 20L, 20L per day per HH, 30 tablets per month to support 600 HH) for household water treatment. Each household will receive a 20 litres' jerry can and 15 litres bucket for safe storage of household water. A sample water quality testing will be done at household level by volunteers during normal social mobilization activity.

Some 600 family hygiene kits (1 kit per household, including, sanitary packs, toothbrushes and toothpaste) will be distributed to the affected households. One hundred volunteers will be trained in hygiene messaging and social mobilization. The operation will mobilize communities to promote environmental clean-up campaigns to ensure a decent and hygienic environment, volunteers will conduct at least two clean up campaigns per month in each community.

A total of 100 volunteers will be involved in the registration and distribution of the hygiene kits and aqua tabs, hygiene promotion and social mobilization and will be engaged twice a week for at least four months.

DREF Review: A dref review will be done for this operation. The objective of the DREF review is a learning exercise conducted by people external to NS and supporting project manager. To review recurrence of floods and to understand NS plan on flood preparedness and identifying alternative funding mechanisms at local or international level to support flood response.

Community Engagement and Accountability

Community engagement and accountability (CEA) will be an integral part of this operation, through already existing capacity. CEA focal persons in each target communities and district will be responsible for coordinating community

engagement and accountability intervention. These will include awareness and information sharing with targeted communities through meetings, personal interactions at household level, radio call in sessions to be moderated by senior Red Cross and other stakeholders. Communities will encourage to use other medium such as call in to designated focal persons, sharing most significant stories and face to face interviews. Thus, through trusted and preferred communication channels (radio, traditional leaders, teachers, youth and women groups) by communities, such as radio health messages will be shared with the targeted communities.

A feedback and complaints system will be also established in consultation with communities and advertise widely to ensure everyone is aware of the system and is comfortable using it. These feedbacks will be critical for identifying behaviours at-risk on cholera and hygiene as well as identifying issues related to integrity in communities during distribution activities.

Protection Gender and Inclusion

PGI shall be integrated in all sectors including gender, disability and diversity related questions to be included in all needs and sectoral assessments to ensure protective and inclusive programming.

There is need coordinate with other sectors to identify if there are PGI activities underway and how to support to ensure mainstreaming of PGI in WASH, Health and Shelter.

There is need to train volunteers and staff on PGI minimum standards in emergencies including Code of conduct, Protection against sexual exploitation and abuse (PSEA) and child protection policy.

The Minimum Standards on Protection, Gender and Inclusion in Emergencies shall be integrated in each sectoral, planning, program design and monitoring activity.

Human resources

The DREF will deploy three (3) National Surge Team members, train and strategically position 100 volunteers in the communities. The volunteers will work at least 2 days per week for 4 months in the targeted communities. Regional branch level, two DREF focal persons will be assigned to oversee the planned activities in the Upper East region, to be supported by District organisers stationed in each district. Volunteers will be deployed in each affected community and support all DREF related activities.

At HQ level, the National Disaster Manager will oversee all DREF activities with technical support and contribution from Health, Communication, Business Operations, Finance and Administration. The IFRC WASH delegate, based in Ghana, will provide technical support and liaise with GRCS and Red Cross Movement partners on all matters regarding this operation. He will be equally responsible for ensuring proper monitoring and reporting of the operation to the IFRC.

The line of communication will be; at regional level, the operation officer will report to the regional manager and technical consultations with National Disaster Manager, at National level the management team will consist of heads of disaster management, finance and administration lead by the head of health and care and communication, with technical advice from IFRC in-country WASH Delegate.

Security

In terms of security, the DREF operation will ensure the following factors:

- All IFRC and NS personnel in Ghana (incl. volunteers) will be encouraged to complete the applicable IFRC e-learning security courses (i.e. Personal Security, Security Management or Volunteer Security).
- All personnel movement (incl. volunteers) will be closely tracked by either country headquarters or local branch.
- The security situation in the area of operations will be monitored either at branch level or HQ level and any changes will be communicated to RCRC personnel without delay.
- A full-time or part-time security manager or security focal point will be appointed to coordinate NS security management.
- Road safety is serious concern, therefore adequate road safety measures such as wearing seatbelts, driving defensively, and vehicle roadworthy test will be enforced.
- Security and contingency plans will be developed to reduce the risk of personnel falling victim to crime, violence and safety related issues and to enable to quick and coordinated response to emergency involving RCRC personnel.

Logistics and supply chain

Logistics support will follow IFRC standard logistic and procurement procedures. Where possible, this DREF operation will source most relief goods locally whilst ensuring materials meet the minimum standards of quality and social appropriateness by the affected communities. GRCS has a dedicated Logistic focal person supported by warehouse officer and procurement assistant based at headquarters responsible for all procurement supply chain and tracking movement of goods from source to final intended beneficiaries.

GRCS will second a 10-tonnage truck and two hard top land cruisers on lease by the operations and to be stationed in the affected regional office.

Information technologies (IT)

To ensure information technology capacity, high speed WIFI internet will be provided in the affected region with Red Cross operations. Staff and volunteers in the field will be supported with 4G modems and internet data packages on their smartphones which will enable them to communicate electronically with NHQ, to transmit all kind of data in real time. Continuous assessments will be carried out electronically through mobile applications, e.g. Magpie. Onsite and remote IT Telecom support will be ensured by the GRCS Information Management Unit.

Communications

The GRCS communications team, will work closely with IFRC Regional Communication unit in Nairobi, to ensure the steady flow of information between operations in the field and major stakeholders including media, Movement partners and donors will provide regular and consistent updates on the emergency. News stories on the disaster situation and beneficiary profiles will be highlighted through national and international media as well as on GRCS online channels, www.redcrossghana.org or IFRC online channels such as the official website, www.ifrc.org, and social media platforms.

The GRCS national level will continually engage the local media outlets to highlight the Red Cross Red Crescent response. Regular flow of information will be maintained between beneficiaries and respective GRCS response departments to maintain transparency and address the immediate needs of the most vulnerable communities. The relief operation will maintain visibility in the field through appropriate branding such as banners and GRCS aprons to enhance awareness about the role of the NS operations. GRCS will take initiatives to document all media releases and videos on this operation. Best practices will be captured, as the operation progresses.

Planning, monitoring, evaluation, and reporting (PMER)

PMER activities will be rolled out to ensure the quality of implementation throughout the operational management cycle. GRCS will be responsible for the day-to-day monitoring of the operation, primarily at the branch/unit level, with support by NHQ and the IFRC team. GRCS and IFRC monitoring teams, will have regular operation sites visit to monitor progress and to provide field support to the teams

At the end of the operation a lesson learnt workshop will be conducted and be linked to the previous operations related to floods, so to facilitate a development of a strategy to address flood resilience in the area.

Administration and Finance

This operation will have working advance-based options that require smooth mobility of cash from IFRC to GRCS HQ up to the regional offices. GRCS programme and finance teams will work closely to ensure the transfer of cash to the field in accordance with GRCS Finance and Administration procedures.

C. DETAILED OPERATIONAL PLAN



Shelter

People targeted: 600 households (3600 people)

Male: 1,900

Female: 1,700

Requirements (CHF 49,000)

Needs analysis: A total of 116 communities from 13 districts were affected by the floods, over 2,218 houses were destroyed and 3,743 partially destroyed and people relocated in nearby schools, churches and houses of relatives.

Population to be assisted: To complement government and other stakeholders GRCS intends to address the needs of **600 households (family) or 3600 people, representing 27% of households whose destroyed** houses were completely or partially destroyed due to floods. The shelter HH items package included the following items: **blankets (2 per family²), kitchen sets (1 per family) and 2 mats (2 per family).**

Programme standards/benchmarks: The activities under this sector will be implemented with respect to Sphere standards.

P&B Output Code	Shelter Outcome 1: Communities in disaster and crisis affected areas restore and strengthen their safety, well-being and longer-term recovery through shelter and settlement solutions										# of households supported with shelter assistance and household items (Target: 600 households)							
	Shelter Output 1.1: Short, medium and long-term shelter and settlement assistance is provided to affected households										<ul style="list-style-type: none"> # of blankets and mats procured and distributed (Target: 1,200 blankets and mats) # of kitchen sets procured and distributed to households (Target: 600 kitchen sets) 							
	Activities planned	Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
AP005	Procurement and distribution of 1,200 blankets (2 per HH) and 1,200 mats (2 per HH)																	
AP005	Procurement and distribution of 600 kitchen sets																	
AP005	Development of eligibility criteria																	
AP005	Beneficiary selection and registration																	
AP005	Post distribution monitoring of household items support provided																	

² Because there are 6 people per household in these areas.

AP019	Procurement and distribution of 1,200 mosquito nets to be distributed to 600 most vulnerable households (2 per HH)																			
AP011	Creating 13 ORS distribution point in community strategic areas																			
AP011	Setup community-based disease surveillance, and preparedness and response teams																			
AP011	Post distribution monitoring of mosquito nets																			



Water, sanitation and hygiene

People targeted: 26,000 people (4,333 households)

Male: 14,000

Female: 12,000

Requirements CHF 556,160

Needs analysis: The water systems, sewage and household latrines have been destroyed or inundated by floods, increasing the risk of WASH related diseases such as diarrhoea or cholera. Many households have lost hygiene and household materials such as buckets, jerrycans, soaps, etc. Based on the rapid assessment conducted by NADMO and the GRCS, the most urgent needs identified are access to safe water (quantity, quality), improved sanitation and hygiene conditions. Hence, there is need for household water purification chemicals and water storage equipment, affected latrines and sewage will require support with sludge management, and there is need for advocacy with local municipalities to repair/ reconnect the sewage network. More so, lack of access to hygiene materials will require provision of soap bars, menstrual hygiene materials for girls as well as intensive health and hygiene awareness campaigns through meetings and mass media such as radio and television.

Population to be assisted: Some 4,333 affected households will be targeted through this DREF operation with hygiene promotion and awareness activities. Of the 4,333 households, 600 households or 3,600 people will be reached with distribution of WASH related household items based on the following criteria: displaced families (homes damaged or submerged) and essential household items damaged/lost, the elderly, pregnant and lactating women, female headed households and households with under-fives and people with disabilities. Each household will receive one 15L bucket, one 20L jerrycan and 15,000 water purification tablets each tablets = 20 litres of water, to be used for one month. Additionally, where necessary, this operation will ensure restoration of damaged or contaminated water supply infrastructure through flushing and disinfection of water points as well as repair of damaged water facilities.

Programme standards/benchmarks: The activities under this sector will be implemented with respect to Sphere standards.

P&B Output Code	WASH Outcome1: Immediate reduction in risk of waterborne and water related diseases in targeted communities	# of households reached with WASH software ware activities interventions (Target: 4.333 households) # of vulnerable households provided with WASH related NFI (target 600 households)																	
	WASH Output 1.1: Continuous assessment of water, sanitation, and hygiene situation is carried out in targeted communities	# Of water, sanitation and hygiene situation assessments conducted (Target: # of coordination meetings held with other WASH actors (Target:																	
	Activities planned	Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	

AP026	Coordinate with other WASH actors on target group needs and appropriate response.																		
P&B Output Code	WASH Output 1.2: Daily access to safe water which meets Sphere and WHO standards in terms of quantity and quality is provided to target population	<ul style="list-style-type: none"> # of households provided with Aqua tabs (Target: 600 households) # of people trained on safe water storage (26,000 people) # of buckets procured and distributed to targeted households (Target: 600) # of jerrycans procured and distributed to targeted households (Target: 600) # of water points rehabilitated (13 water points) # of household surveys and quality tests conducted (Target: 5 % sampled from 600 HH sampled) 																	
	Activities planned	Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
AP026	Procure and distribute 18,000 household chlorine tablets for household water treatment enough for 30 days (600 households)																		
AP026	Train population of targeted communities on safe water storage, on safe use of water treatment products)																		
AP026	Procure and distribute 600 buckets and 600 jerry cans																		
AP026	Repair and disinfect of 13 water points include flushing of 6 hours, disinfection with chlorine and minor repairs																		
AP026	A sample water quality testing will be done at household level by volunteers during normal social mobilization activity.																		
AP026	Post distribution monitoring																		
P&B Output Code	WASH Output 1.3: Adequate sanitation which meets Sphere standards in terms of quantity and quality is provided to target population	<ul style="list-style-type: none"> # of handwashing, cleansing and menstrual hygiene disposals equipment provided (Target: 600) 																	
	Activities planned	Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
AP028	Advocate and provide technical support to partners on repairs of toilets with handwashing facilities, anal cleansing material or water and menstrual hygiene disposals and ensure they remain functional.																		
AP028	Mobilize targeted communities to construct/ rehabilitate or desludging household toilets and carry out environmental sanitation activities including cleaning of drainage, vector control and solid waste cleaning and management.																		
AP028	Support local authorities with desludging and repair of institutional and public latrines																		
P&B Output Code	WASH Output 1.4: Hygiene promotion activities which meet Sphere standards in terms of the identification and use of hygiene items provided to target population	<ul style="list-style-type: none"> # of volunteers trained on hygiene promotion (Target: 100 volunteers) # of households reached with hygiene messaging (Target: 4330 households) # of TV and radio spots produced to raise awareness (Target: 2) # of community volunteers trained on social mobilization approaches to promote health and hygiene (Target: 100) 																	
	Activities planned	Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	

Budget

DREF OPERATION

MDRGRH016 - GHANA - FLOODS

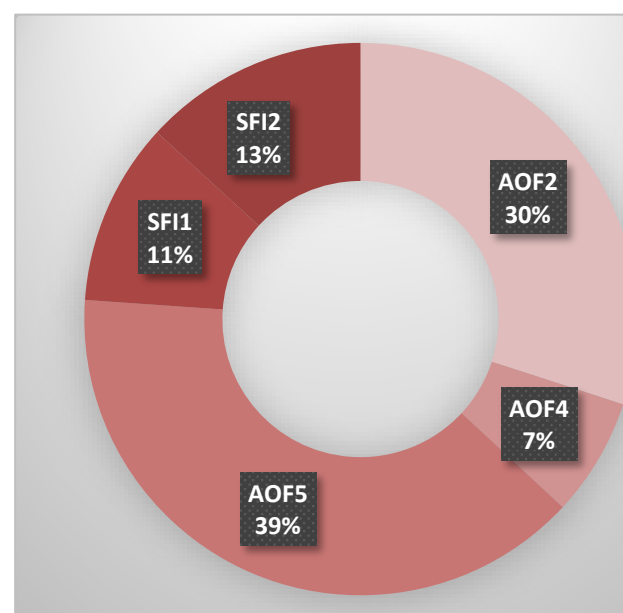
23/10/2019

Budget by Resource

Budget Group	Budget
Clothing & Textiles	40,800
Water, Sanitation & Hygiene	33,900
Medical & First Aid	10,190
Utensils & Tools	6,000
Relief items, Construction, Supplies	90,890
Transport & Vehicles Costs	2,400
Logistics, Transport & Storage	2,400
National Society Staff	6,000
Volunteers	8,350
Personnel	14,350
Workshops & Training	22,600
Workshops & Training	22,600
Travel	10,200
Information & Public Relations	1,000
Office Costs	600
Communications	900
Financial Charges	400
General Expenditure	13,100
DIRECT COSTS	143,340
INDIRECT COSTS	9,317
TOTAL BUDGET	152,657

Budget by Area of Intervention

AOF1	Disaster Risk Reduction	
AOF2	Shelter	45,795
AOF3	Livelihoods and Basic Needs	
AOF4	Health	10,575
AOF5	Water, Sanitation and Hygiene	59,810
AOF6	Protection, Gender and Inclusion	
AOF7	Migration	
SFI1	Strengthen National Societies	16,348
	Effective International Disaster	
SFI2	Management	20,129
	Influence others as leading strategic	
SFI3	partners	
SFI4	Ensure a strong IFRC	
TOTAL		152,657



Contact Information

Reference documents



Click here for:

- Previous Appeals and updates
- Emergency Plan of Action (EPoA)

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

National Society

- **Ghana Red Cross Society:** Samuel Kofi Addo, Secretary General, Ghana Red Cross; email: redcrossghana@yahoo.com, phone: +233 020 6983284

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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 (NGO's) 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.