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Emergency Plan of Action (EPoA) Ghana Floods

 International Federation
of Red Cross and Red Crescent Societies

DREF Operation: Floods	Operation n° MDRGH014; Glide n° XXX
Date of issue: 21 July 2017	Date of disaster: July 2017
Operation manager: Abel Augustinio; WASH Delegate	Point of contact: Saladin Mahama; National Disaster Management Coordinator
Operation start date: 15 July 2017	Expected timeframe: 3 Months
Overall operation budget: CHF 222,447	
Number of people affected: Approximately one million people in Greater Accra, Eastern, Central and Western Regions of Ghana	Number of people to be assisted: 1,000 families directly (6,000 people) 57,000 people indirectly
Host National Society presence: 60,000 of volunteers, 50 staff members, and 0 branches	
Red Cross/Red Crescent Movement partners actively involved in the operation: Ghana Red Cross Society, and IFRC	
Other partner organizations actively involved in the operation: Ghana Health Services, Ministry of Local Government, National Disaster Management Organisation (NADMO), Local Government, WHO, and UNICEF	

A. Situation analysis

Description of the disaster

Since April 2017, Ghana has experienced a sharp alteration in its weather that has recently resulted in widespread flooding currently reported in over five regions of which four are heavily affected. The floods have caused devastating impact to people's health, safety and destruction to properties and livelihood. The reported flooding across the country is likely to cause devastation that communities and government is unable to cope and or even recover from it as farmers are losing their investments in production, communities are helplessly being displaced and infrastructure such as roads and buildings are collapsing. According to the Ghana Meteorological Agency the country will experience torrential rains' year at least until September 2017.



Fig. 1 A child sitting at the entrance of flooded house



Fig. 2 Flooded house, Weija Community 7Jul

On 10 July 2017, the following regions were declared flood emergencies and/or under threat of floods with potential to cause devastation. The below information is sourced from representatives from local authorities, media outlets and representatives from Ghana Red Cross Society (GRCS) in the affected region. There is an urgent need to conduct an in-depth assessment to have a better overview of the situation.

Greater Accra

It is reported that many homes in low lying areas in Weija and Tetegu in the Ga South Municipality have been inundated with water, as a result of the spillage of the Weija dam by the Ghana Water Company Limited (GWCL). Affected residents, whose homes are in the Weija Dam catchment area, continue to cope with the invading waters. During a visit to the affected areas on 7 July by GRCS and IFRC WASH delegate, it was realized that some places were virtually inaccessible, while some occupants were busy scooping water from their rooms. The Weija dam gets its inflow of water from the Densu River in the Eastern Region, therefore the volume of water in the dam depends heavily on the rains in the region. The region has been experiencing heavy rains since April bringing the dam to 99 per cent of its maximum capacity. (According to the authorities, the safe operational level of the dam is 47 feet and on 8 July 2017, the level of the dam was 46.7 feet). Authorities said that given the low extraction capacity of the dam (at 30 per cent of the dam capacity) the status vs anticipated inflow could compel the authorities to release more water hence exposing downstream communities to floods of devastating magnitude. The communities at risk are: Lower Weija, Oblogo, Tetego, Panbros Industries, Sapema, Bojo beach, Adakope, and Lower McCarthy with estimated population of 500,000 people at immediate risk. In a worst-case scenario where the dam spillage has to be at highest scale, over 2 million people could be affected covering an estimated 8 square kilometres area.

Central Region

At least 400 people have said to have been rendered homeless in Twifo Praso and its environs in the Central Region due to floods in the area. The affected areas are New Tufoe, Old Praso, Kookoase, Twansukoda, Arab Area and Bankyease. It is reported that some affected families are stranded on islands and in need of canoes to rescue them, several hectares of farmlands have also been destroyed.

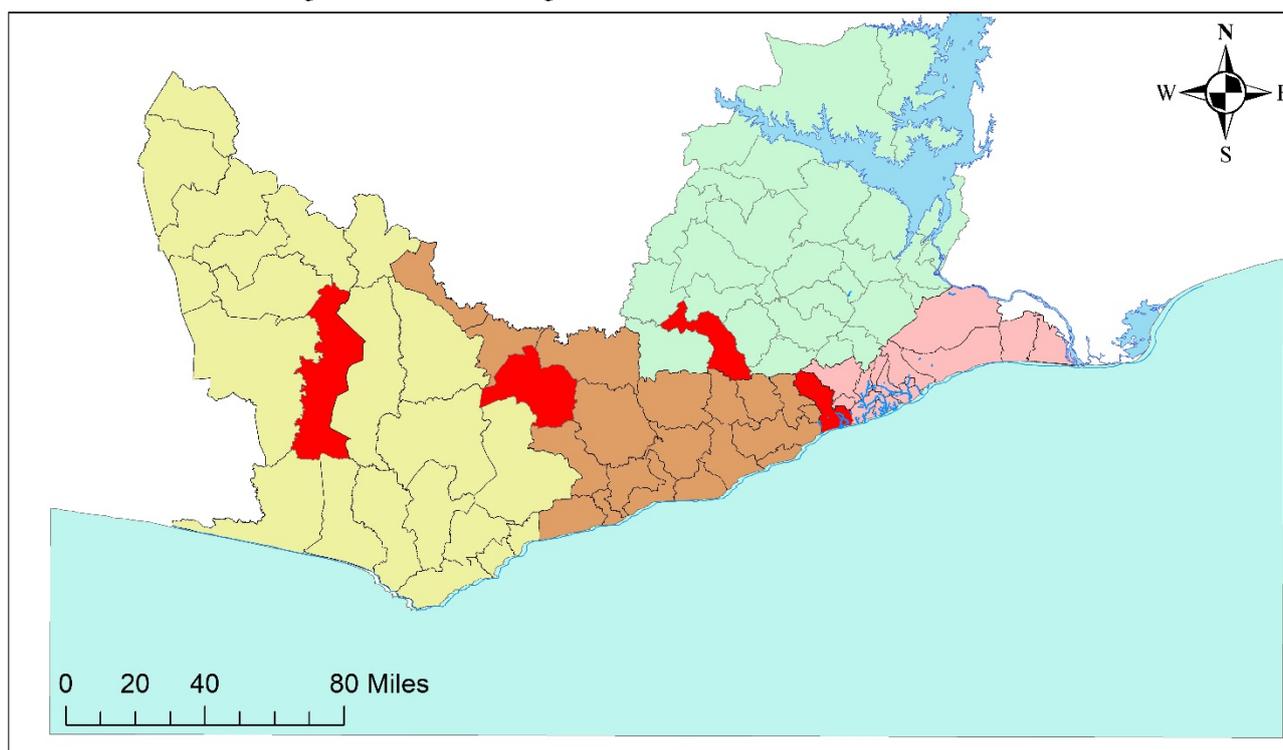
Western Region

In July 2017, flood waters from River Tano and other tributaries in the Western, displaced over 1,000 residents of Samreboi, Wassa Dunkwa, Aboi Nkwanta Samreboi communities within the Wassa Amenfi West District. These residents are predominantly farmers, but as the flood waters have taken over pathways to their farms, they have had to abandon their farms for days. While some residents are temporarily seeking shelter in churches and schools, others are seeking refuge with relatives on higher grounds.

Eastern Region

In Eastern Region, floods are said to affect Ahiatroga community resulting in collapse of 26 houses, displacing close to 100 peasant farmers. Some of the displaced residents mostly women and children are currently putting up in a church building and a classroom. Residents displaced by flood have been compelled to turn maize storage facility as temporary accommodation.

Areas Greatly Affected by Floods in some Districts of Ghana



Legend

— waterways	Central Region	Western Region	Greater Accra	Eastern Region
— Coastline	— <all other values>	— <all other values>	— <all other values>	— <all other values>
Sea	CAPITAL	DISTRICT	DISTRICT	DISTRICT
Lake_Volta	Twifo Praso	Wassa Amenfi West	Ga South	Birim Central

Summary of the current response

Overview of Host National Society

GRCS has 60,000 volunteers, 50 staff members, and 10 regional offices across the country. GRCS currently has 55 trained and established District Disaster Response Teams (DDRT) members, plus 30 National Disaster Response Team (NDRT) members, 8 Regional Emergency Response Teams (RERT) members consisting of 135 members, 53 National Society staff, and five Partner National Society staff. This demonstrates a relatively strong human resource capacity which with basic orientation could result in effective and efficient implementation of the DREF plan.

Overview of Red Cross Red Crescent Movement in country

Movement Coordination

The IFRC through its WASH delegate based in Ghana and with technical support from the Abuja Country Cluster office, continues to work closely with the National Society by supporting its staff and volunteers in all activities of the Red Cross and ensuring that management and operational issues are directed and implemented in accordance to the principles and core values of the Red Cross Movement to meet the needs of the most vulnerable. Consultative and coordination meetings are established in country between the NS, IFRC and Swiss Red Cross Society, the only PNS presence in Ghana. Similar meetings are held through skype calls between technical departments of the NS and IFRC at Cluster, Africa Region and Geneva levels.

Overview of non-RCRC actors in country

The major stakeholders in Ghana are NADMO responsible for coordination at all levels, Ghana Health Service, District Assemblies, traditional leadership, UN agencies and other civil society bodies.

The National Disaster Management Organization (NADMO) is unable to cope with the increasing needs and appealed on corporate bodies and non-governmental organizations to complement government's efforts to save lives. The government through NADMO was only able to support some 2,000 people with none food items from their only remaining contingency stock and it will take a while before it is replenished. Although there has been a public appeal from NADMO, no comprehensive detailed assessment was conducted by any agency so far, therefore making it difficult to have an appreciation of magnitude and impact of the floods emergencies.

Needs analysis, beneficiary selection, risk assessment and scenario planning

Immediate needs:

The affected communities are in dire need of shelter including mosquito nets, blankets, mattresses, basic household utensils, hygiene items, food, access to safe drinking water, sanitation and access to health, and security especially women, children and the elders.

Potential risks

Due to limited and/or no access to the above-mentioned amenities, affected communities are highly exposed to diarrheal diseases particularly cholera as it is endemic in those regions, malaria, due to exposure to mosquitoes, possible loss of livelihood and physical abuse of most vulnerable being taken advantage by scrupulous individuals.

Risk Assessment

Based on general reviews from direct interviews from key informants, observation and secondary data review, it is evident that wide spread floods alert calls have affected most vulnerable communities within Greater Accra, Eastern Region, Western and Central Regions and given the increased rains in most part of the country as predicted by the meteorological office, the situation is likely to worsen.

Against this background, GRCS intends to support at least 1,000 families, currently affected by floods in Greater Accra, Central and Western Region with health, WASH and basic shelter provision. Red Cross target population will cover gaps left by government efforts. Secondly, GRCS intends to conduct a broad in-depth needs assessment in the affected areas to have a more informed context overview of the situation as a matter of priority. Primary data will be collected by trained volunteers using cell phones on use MAGPI application using the RAMP account hosted in Geneva.

The aim of an in-depth assessment is to create an in-depth overview on the extend of the floods in the selected communities, identify immediate and long-term needs and risk mapping of potential threats. This will be complemented by secondary data review from reliable sources including government, UN and other reputable institutions.

B. Operational strategy and plan

Overall objective

Provide emergency health and shelter support to 1,000 families affected by floods in three regions i.e. Greater Accra, Central and Western Regions.

Proposed strategy

GRCS will focus its intervention in public health, water, sanitation and hygiene, provision of non-food items and beneficiary engagement in accordance to international and national standards.

The Red Cross intervention will be embedded in the already established coordination structures and will have counterpart in the coordination and management strategic committees, social mobilisation sub-committee, water, sanitation and hygiene (WASH) and health sub-committees. The flood awareness will be part of the social mobilisation activities targeted in communities that are still in high risk areas particularly in downstream of dams that could burst or overflow in case of high rains, for example in Greater Accra over 500,000 people are at risk. The provision of water will be in partnership with local authorities and communities, whilst the GRCS DREF operation focuses on ensuring water quality at household level through provision of household water treatment chemicals; at the same time, advocating for efficiency in access and adequate water supply by other stakeholders.

Beneficiary Profile

The Red Cross will target most vulnerable as follows at community level. This DREF will target all communities affected by floods with general social mobilisation activities including public health and disease prevention awareness, creation of early warning/early action systems, etc. The DREF wish to provide 1,000 households with non-food items targeting households displaced by floods with no proper shelter and have lost most essential households belongings, in particular most vulnerable individuals including pensioners (old age) female headed households with children under six years, lactating and pregnant mothers.

Operational support services

Human resources

GRCS will use its already and existing staff and 80 volunteers for the response operation. GRCS shall deploy its 7 NDRT members from non-affected regions. Most of the NDRT members have vast experience in this time of emergency and some with international deployments within the West Coast Region. This technical surge capacity will be fully utilised in variety of capacities including management, technical sectorial focal persons.

The IFRC WASH delegate based in Ghana is providing technical support and liaison between GRCS, Red Cross Movement and other partners.

This DREF will cover travel, accommodation and per-diem costs related to the staff and volunteers mobilized and pre-positioning costs for GRCS and IFRC staff. The DREF will also cover insurance for volunteers used in the operation through the IFRC global volunteer accident insurance scheme. The Emergency Operation Centre (EOC) in both district and GRCS national headquarters (NHQ) level are strengthened for the management and coordination of the operation through strategic deployment of dedicated staff to the field and coordination with various working groups.

Logistics and supply chain

Logistics support will be provided following IFRC standard systems and procedures when sourcing and procurement of relief goods supplied by the GRCS/IFRC pre-positioned stock in Accra warehouses. Based on further development, replenishment will be done through local or international procurement as the need maybe. In addition to the distribution of relief items, logistics support will be provided to develop capacity of National Society (NS). The in-country stock information is already shared with the team in the field. Required vehicles support are provided in-country by NS logistics who is on standby to provide any further support. In country IFRC Delegate is keeping close coordination with the Regional Logistic Unit in Nairobi Kenya.

Information technologies (IT)

To ensure information technology capacity, high speed WIFI internet will be provided in all the affected regions with Red Cross operations. Staff and volunteers in the field will be supported by 3G 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. Rapid assessments will be carried out electronically through mobile applications, e.g. MAGPI. Onsite and remote IT Telecom support will be ensured by both the GRCS IT sections. Briefing sessions will be arranged as needed.

Communications

The GRCS communications team works closely with IFRC Regional Communication unit in Nairobi, Kenya to ensure the steady flow of information between operations in the field and major stakeholders including media, Movement partners and donors and 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 and 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 also 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 also take initiatives to document all media releases and videos on this operation. Best practices will be captured and all efforts made to record case studies as the operation progresses. The line of communication will be at regional level; the operation officer reports to the regional manager and technical consultations with National Disaster Management Coordinator; at National level, the management team

will be composed of heads of disaster management, finance and administration led by the head of health and care and communication, with technical advice by IFRC in-country delegate.

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, supported by NHQ and the IFRC team. GRCS and IFRC monitoring teams, including the NDRT members, will visit operation sites on a regular basis to monitor progress made and to provide field support to the teams. As part of information management system, the beneficiary database will be developed to avoid duplications and to track assistance by the GRCS team. The database along with all needs' assessment will be conducted using mobile based technology, RAMP (rapid assessment using mobile phone). The assessment will be carried out by trained volunteers to ensure skills transfer on the use of RAMP. IFRC country office with support from the various technical units in the Cluster office in Abuja, Nigeria and Regional office in Nairobi, Kenya, will provide technical support to GRCS.

The affected districts and communities will be regularly visited jointly by GRCS and IFRC on joint monitoring missions. This will enable efficient backstopping where needed. Reporting on the operation will be carried out in accordance with the IFRC DREF minimum reporting standards. At least two updates will be issued during the operation's timeframe and a final report within three months of the end of the operation. A lesson learned workshop will be conducted immediately after the end of operations.

Administration and Finance

This operation will have a working advance-based programming that will require smooth mobility of cash from NHQ to the regional office and to the field. GRCS programme and finance team will work closely to ensure the supply chain of cash towards the field. The operation will rely on existing financial management and administration systems in GRCS and IFRC. Provisions have been made for communication costs related to the operation and financial charges and general expenses.

C. DETAILED OPERATIONAL PLAN

Quality programming / Areas common to all sectors

Outcome 1: Continuous and detailed assessment and analysis is used to inform the design and implementation of the floods operation																	
Output 1.1 Initial needs assessment are updated following consultation with beneficiaries																	
Activities planned	Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Add week / month columns as needed
Training of 40 volunteers on Rapid Assessment Mobile Phones (RAMP) and using standard data collection forms		X	X														
Conduct in-depth assessment reports, which provide data on affected population and their vulnerabilities		X	X	X													
Output 1.2 The emergency plan of action is updated and revised as necessary to reflect needs																	
Activities planned	Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Update the plan of action to reflect prevailing needs					X	X											
Outcome 2 The management of the operation is informed by a comprehensive monitoring and evaluation system																	
Output 2.1 Monitoring data informs revisions of plan of action where appropriate																	
Activities planned	Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Collect and analysis of activities through daily, weekly and monthly situation updates		X	X	X	X	X	X	X	X	X	X	X	X				
Regular operation review (daily, weekly and monthly) in accordance with evolvement of situation		X	X	X	X	X	X	X	X	X	X	X	X				
Output 2.2 The findings of evaluations lead to adjustments in on-going plans and future planning as appropriate																	
Activities planned	Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Conduct DREF evaluation and lesson learned assignment supported by Abuja Cluster and/or Africa region															X	X	

Health & care

Outcome 1: Reduce health risks, morbidity and mortality as a result of the emergency on the affected population through the provision of health promotion, preventive, community-level and referral services to 1,000 families in affected areas for three months																	
Output 1.1 Community-based disease prevention and health promotion is provided to the target population																	
Activities planned	Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Train 80 volunteers using community based health and first aid (CBHFA) approach on social mobilization, and psychosocial support (PSS)		X	X														
Purchase and distribute insecticide treated mosquito nets				X	X												
Conduct house-to-house social mobilization on use of mosquito nets by 80 deployed volunteers				X	X	X	X	X	X	X	X	X	X	X	X	X	
Production and distribution of IEC materials to affected households to promote malaria prevention		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

Water, sanitation and hygiene promotion

Outcome 1: The risk of water-borne and water-related diseases is reduced through the provision of safe water, adequate sanitation and hygiene promotion to 1,000 families in the affected communities																	
Output 1. Hygiene promotion activities and use of hygiene items provided to 1,000 target families through social mobilization teams																	
Activities planned	Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Recruit and train 80 volunteers in social mobilization, health and hygiene promotion (budget covered under 680)		X															
Deploy the 80 volunteers to conduct social mobilization on health and hygiene through house-to-house approach (80 for 30 days)		X	X	X	X	X	X	X	X	X	X	X	X	X			
Production and distribution of IEC materials on hygiene		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Flood awareness, alerts and health and hygiene promotion messages through mass media, jingles on local radios		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Deployment of 80 volunteers to carry out social mobilization, health and hygiene promotion		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Output 1.2 Hygiene-related goods (NFIs) which meet Sphere standards are provided to the target population																	
Activities planned	Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Budget

DREF OPERATION

12/07/2017

Budget Group	DREF grant budget
Shelter - Relief	0
Shelter - Transitional	0
Construction - Housing	0
Construction - Facilities	0
Construction - Materials	0
Clothing & Textiles	25,000
Food	0
Seeds & Plants	0
Water, Sanitation & Hygiene	48,200
Medical & First Aid	30,000
Teaching Materials	10,000
Utensils & Tools	26,000
Other Supplies & Services	3,000
Emergency Response Units	0
Cash Disbursements	0
Total RELIEF ITEMS, CONSTRUCTION AND SUPPLIES	142,200
Land & Buildings	0
Vehicles Purchase	0
Computer & Telecom Equipment	0
Office/Household Furniture & Equipment	0
Medical Equipment	0
Other Machinery & Equipment	0
Total LAND, VEHICLES AND EQUIPMENT	0
Storage, Warehousing	2,400
Distribution & Monitoring	1,600
Transport & Vehicle Costs	2,250
Logistics Services	0
Total LOGISTICS, TRANSPORT AND STORAGE	6,250
International Staff	4,000
National Staff	0
National Society Staff	9,450
Volunteers	2,520
Total PERSONNEL	15,970
Consultants	0
Professional Fees	0
Total CONSULTANTS & PROFESSIONAL FEES	0
Workshops & Training	41,800
Total WORKSHOP & TRAINING	41,800

Travel	0
Information & Public Relations	1,000
Office Costs	0
Communications	1,650
Financial Charges	0
Other General Expenses	0
Shared Support Services	
Total GENERAL EXPENDITURES	2,650
Programme and Supplementary Services Recovery	13,577
Total INDIRECT COSTS	13,577
TOTAL BUDGET	222,447

Annex 2 List of Content in hygiene kits

Packaged in 1 box

1. Soap for bathing: 250g x 5units
2. Soap for laundry: 200g x 5units
3. Powder soap (OMO): 1 kg
4. Baby pads for 1 month
5. Menstrual hygiene/sanitary pads for women: 5 packs
6. Toilet paper: 10 rolls
7. Tooth paste adult: 100g x 3
8. Tooth brush adult: 3 units
9. Towel medium size: 3 units
10. Towel large: 02 units
11. Gel/disinfectant/hygienic hand rub: 500 ml

Content of clothing and bedding

1. 01 unit of cloth: 06 yards
2. Blanket: 01 unit
3. Bed sheet: 01 sheets
4. Mattress or mat: 01 unit

Contact Information

For further information specifically related to this operation please contact:

In the National Society

- **Ghana Red Cross:** Samuel Koffi Addo, Secretary General, Ghana Red Cross; email: redcrossghana@yahoo.com, Tel +233 020 6983284
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In Abuja Country Cluster

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In the Africa Region

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For Resource Mobilization and Pledges:

- **In Abuja Cluster:** Kentaro Nagazumi, Partnership & Resource Mobilization Coordinator; Africa Region; phone: 254 714 026 229; email: kentaro.nagazumi@ifrc.org

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

- **In Africa Region:** Fiona Gatere, PMER Coordinator, fiona.gatere@ifrc.org; phone: +254 731 067277

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.