

DREF operation update



International Federation
of Red Cross and Red Crescent Societies

Democratic People's Republic of Korea: Floods

DREF operation n° MDRKP002
GLIDE n° [FL-2010-000153-PRK](#)
DREF operation update n° 2
18 October 2010

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 378,714 (USD 368,005 or EUR 291,265) has been allocated from the IFRC's Disaster Relief Emergency Fund (DREF) to support the Democratic People's Republic of Korea (DPRK) Red Cross in delivering immediate assistance to some 16,000 beneficiaries.

Summary: DPRK Red Cross, with support from IFRC, continues to support flood-affected communities in the inundated city of Sinuiju. As of 6 October 5,804 m³ (approximately 5.8 million litres) of drinking water were produced from two EMWAT units deployed in the affected area and they were distributed to the flood-affected communities, health institutions and public service facilities. Over 350 Red Cross volunteers were mobilized for evacuation, rescue, first aid, distribution of emergency relief items and providing drinkable water to the affected communities, in close cooperation with the local authorities and other public organizations. To date, distribution of relief items for 11,750 people has been completed. Taking into account the hygiene conditions in the flood affected area, DPRK Red Cross also distributed 1,500 family hygiene kits and an additional 500,000 water purification tablets to affected families in Sinuiju.



DPRK Red Cross and IFRC organized an impact assessment trip in the affected city of Sinuiju which was also attended by DG ECHO's food security officer from its Southeast Asia and Pacific regional office. The assessment visit included an inspection of the water quality testing equipment at the production site. Photo: IFRC

This operation is expected to be implemented over six months, and will therefore be completed by 28 February, 2011; a Final Report will be made available three months after the end of the operation (by 31 May 2011).

The European Commission's Humanitarian Aid and Civil Protection department (DG ECHO) as well as Netherlands Red Cross/ Netherlands government made contributions towards the replenishment of the DREF for the allocation made to this operation.

The major donors to the DREF are the Irish, Italian, Netherlands and Norwegian governments and DG ECHO. Details of all donors can be found [here](#).

IFRC, on behalf of DPRK Red Cross, would like to thank all partners for their generous contribution to this operation.

[<click here for interim financial report; or here for contact details>](#)

The current situation

Rivers in northeastern China were inundated by downpours since late August, causing severe flooding and damage to the northwestern area of the Democratic People's Republic of Korea (DPRK).

According to official government information, 7,139 homes were totally or partially destroyed or submerged, affecting approximately 7,757 families, together with 7,283 hectares of farmland that were submerged, buried or washed away. An estimated 331 public buildings, 440 metres of bridges, 7,700 metres of railroad and many other structures and vehicles were damaged, together with water pumps and electro-motors, crippling the city's water supply. The main pumping station and treatment plant to supply drinkable water to Sinuiju city, which has a population of 350,000 people, was completely inundated, and approximately 300 metres of 900mm pipe was washed away.

Affected people began returning to their homes on 29 August. While some houses have visible cracks, houses which were completely destroyed are being rebuilt with support from the government. Crops such as maize were being dried around the houses, and rice plants remain in the fields. Winter cabbage can be seen everywhere, as a result of seedlings received from neighbouring farms. Overall, life has resumed, but no small livestock can be seen at time of reporting.

Temporary measures have been taken to partially restore the water supply in Sinuiju city. Work on the destroyed pipeline is still ongoing, but people are no longer seen travelling with drums and jerry cans looking for drinking water in Sinuiju.

Coordination and partnerships

The DPRK Red Cross national disaster response team (NDRT) continues to coordinate its actions with the national flood damage response committee, a government coordination body. The National Society also shares and advises the national disaster coordination committee (NDCC) on all programme and emergency response activities undertaken with IFRC's DPRK country office.

On 23 August, all in-country non-governmental organizations, through the Inter-Agency Contingency Planning Working Group (IACPWG), met to discuss and propose a plan of action to address the flooding in northwest DPRK for sharing with the DPRK government. ON 26 and 27 August, the government organized a combined UN mission field visit by train to Sinuiju, where an assessment was undertaken, covering the affected population. Coordination continues between all international and government organizations.

Red Cross Red Crescent action

In view of the flooding season, all provincial Red Cross branches were alerted from early July to prepare for probable floods in the rainy season, preparing the emergency liaison volunteer network for early warnings, evacuation routes' and areas' safety as well as evacuation simulations in flood-prone areas.

The national headquarters of the DPRK Red Cross, in close coordination with the national flood damage response committee, activated the National Society emergency preparedness and response task force where all departmental staff have daily communication and contact with provincial branches. When the seasonal rains started, the pre-warning systems were operational and trained Red Cross staff and volunteers including first aiders located in flood-prone areas were on alert to be ready for the possible flooding and landslides.

In Sinuiju city and Uiju county, over 350 Red Cross volunteers were mobilized for evacuation, rescue, first aid and distribution of emergency relief items to the affected communities in close cooperation with the local authorities and other public organizations.

After receiving an emergency request for assistance from Sinuiju branch on 21 August, a rapid field assessment team led by the executive vice-president of the DPRK Red Cross departed for the affected areas on the same day. DPRK Red Cross also immediately released non-food items for 2,500 households from the Sinuiju disaster preparedness regional warehouse to assist the displaced who were temporarily living in 11 schools and public buildings and supported evacuations.

The main drinking water source and distribution facilities were not fully rehabilitated and the affected population faced challenges in accessing drinkable water and practicing hygiene, with the most vulnerable living on the isles. The DPRK Red Cross rapidly transported two EMWAT mobile water treatment units to the area and distributed clean potable water to the flood-affected communities, city hospitals, health institutions, public service institutions (kindergartens and orphanage) well as 11 schools where 16,640 evacuees were accommodated. Affected families were further supported with 1,500 family hygiene kits and 500,000 water purification tablets.

On 6 – 7 October, an impact assessment trip was organized for the regional food security officer of the regional support office from DG ECHO's Southeast Asia and Pacific regional office. DG ECHO supported the replenishment of DREF for the amount of EUR 200,000 for the current operation.

At the same time, the ICRC mission in DPRK visited Sinuiju to donate 1.12 million water purification tablets for the affected people in Sinuiju. During the visit they were briefed by the affected Red Cross branch secretary on the current situation and inspected the National Society's disaster preparedness regional warehouse.

The IFRC water and sanitation delegate reviewed the current operation of two EMWAT units, and was advised that Red Cross volunteers carried out hygiene promotion activities, with emphasis on correct methods for creating clean drinking water. They also paid several home visits to affected families and Red Cross beneficiaries on the isles.



An inspection of family kits and water and sanitation equipment was carried out at the DPRK Red Cross disaster preparedness warehouse in Sinuiju. Photo: DPRK Red Cross.

Progress towards outcomes

The continuing needs for supporting the flood-affected people in Sinuiju were verified through field assessments conducted by DPRK Red Cross staff, and confirmed through coordination meetings with the government.

Relief distributions (Non-food items)
<p>Outcome: To provide 2,500 most affected and displaced families (11,750 people) in Sinuiju city, with essential non-food items to meet their immediate needs.</p>
<p>Expected results 2,500 most affected and displaced families (11,750 people) affected by the flooding receive non-food assistance.</p>
<p>Activities planned</p> <ul style="list-style-type: none"> • Identify and register most affected and displaced families based on agreed criteria • Distribute non-food items from existing stocks to identified beneficiaries • Continuously monitor relief activities and provide reporting on relief distributions • Conduct an ongoing assessment of the impact of the flood and review support strategies • Conduct an impact evaluation • Replenishment of stocks based on approved budgets and IFRC procurement requirement

Progress:

A total of 11,750 displaced people received immediate assistance from the DPRK Red Cross. Detailed breakdown of the distribution of relief items are as follows:

Distributed pre-positioned emergency relief items for Sinuiju flooding

Province	City/ County	Quilts with cover	Cooking set	Plastic sheeting	Water container (jerrycan)	Water purification tablets
North Pyongan	Sinuiju	7,050	1,500	1,500	1,500	423,000
	Uiju	4,700	1,000	1,000	1,000	282,000
Total		11,750	2,500	2,500	2,500	705,000

Taking into account the hygiene conditions in the flood affected area, DPRK Red Cross distributed 1,500 family hygiene kits and an additional 500,000 water purification tablets from Pyongyang municipal warehouse to affected families in Sinuiju city on 3 September.

Distribution of family hygiene kits and number of beneficiary

No	Name of community	No. of hygiene kits	No. of beneficiary
1	Sangdan	350	1,645
2	Hadan	800	3,760
3	Taji	130	611
4	Ryucho	220	1,034
Total		1,500	7,050

While the initial relief plan was to distribute 2,500 hygiene kits to the affected population in Sinuiju, but in early September, Tropical Cycone Kompasu crossed the Korean peninsula, causing widespread damages and severe flooding to many other areas, including the east coast. As the need to support the affected people from this typhoon was urgent and that there were limited quantities of hygienes kits, it was agreed to distribute proportionally to assist the most vulnerable.

Distribution of 500,000 water purification tablets

No.	Benefited health institutions and public service facilities	Quantity
1	Hospital No.1	50,000
2	Hospital No.2	50,000
3	Hospital No.3	50,000
4	Maternity Hospital	50,000
5	Orphanage	50,000
6	Ponbu kindergarten	50,000
7	Chongsong kindergarten	50,000
8	Paeksa kindergarten	50,000
9	Phyonghwa kindergarten	50,000
10	Sinuiju kindergarten	50,000
Total		500,000

As the operational objectives have been met, focus has turned to the replenishment of relief stocks. The procurement of family cooking sets, hygiene kits, quilts, tarpaulins and jerry cans is currently in progress.

Challenges:

The follow up assessments have highlighted the need to review the disaster preparedness warehouse relief stocks, as distributed items have depleted remaining items available, which would have limited impact if flooding continued and affected population numbers increased. Damaged road and rail infrastructure would have also contributed to further delays in distribution.

Additional relief items such as basic first aid kits, sleeping mats, tarpaulins, winterization and shelter kits, would

improve the beneficiaries immediate living conditions and provide faster recovery.

Water, sanitation, and hygiene promotion

Outcome: Provide safe water to up to 16,000 people short of clean and safe water for one month.

Expected results

Provide safe water to up to 16,000 affected people for one month.

Activities planned:

- Assess the existing coverage with a view of ensuring availability of an adequate water supply
- Provide safe drinking water through the operation, and to render hygiene promotion
- Conduct an ongoing assessment of the impact of the water and sanitation operation
- Conduct an impact evaluation

Progress: Two EMWAT mobile water purification units are operational and as of 6 October, they have produced 5.8 million litres of water and distributed to the flood-affected communities (three main isles along the Amnok river: Sangdan, Hadan and Daji *ris* with the affected population of 16,000), health institutions and public service facilities. The operation of the two water units are expected to close at the end of October once the main water pumping station and treatment plant have been rehabilitated. The main feeding pipes (900mm) , supported by UNICEF in DPRK, have arrived in the city at time of reporting.

Challenges:

The distribution of clean potable water utilizing transportable bladders proved difficult, due to the various truck configurations, which reduced the quantity of water to be loaded onto each truck. Although overcome, it increased operational costs and handling during loading and distribution.

How we work

All IFRC assistance seeks to adhere to the [Code of Conduct for the International Red Cross and Red Crescent Movement and Non-Governmental Organizations \(NGO's\) in Disaster Relief](#) and the [Humanitarian Charter and Minimum Standards in Disaster Response \(Sphere\)](#) in delivering assistance to the most vulnerable.

The IFRC's vision is to inspire, encourage, facilitate and promote at all times all forms of humanitarian activities by National Societies, with a view to preventing and alleviating human suffering, and thereby contributing to the maintenance and promotion of human dignity and peace in the world.

The IFRC's work is guided by [Strategy 2020](#) which puts forward three strategic aims:

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

Contact information

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

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[<interim financial report below; click here for title page>](#)

International Federation of Red Cross and Red Crescent Societies

MDRKP002 - Dem Rep Korea - Floods

Interim Financial Report

Selected Parameters	
Reporting Timeframe	2010/8-2010/8
Budget Timeframe	2010/8-2011/2
Appeal	MDRKP002
Budget	APPEAL

All figures are in Swiss Francs (CHF)

I. Consolidated Response to Appeal

	Disaster Management	Health and Social Services	National Society Development	Principles and Values	Coordination	TOTAL
A. Budget	378,714					378,714
B. Opening Balance	0					0
Income						
<u>Other Income</u>						
<i>Voluntary Income</i>	378,714					378,714
C6. Other Income	378,714					378,714
C. Total Income = SUM(C1..C6)	378,714					378,714
D. Total Funding = B + C	378,714					378,714
Appeal Coverage	100%					100%

II. Balance of Funds

	Disaster Management	Health and Social Services	National Society Development	Principles and Values	Coordination	TOTAL
B. Opening Balance	0					0
C. Income	378,714					378,714
E. Expenditure	-589					-589
F. Closing Balance = (B + C + E)	378,125					378,125

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MDRKP002 - Dem Rep Korea - Floods

Interim Financial Report

Selected Parameters	
Reporting Timeframe	2010/8-2010/8
Budget Timeframe	2010/8-2011/2
Appeal	MDRKP002
Budget	APPEAL

All figures are in Swiss Francs (CHF)

III. Budget Analysis / Breakdown of Expenditure

Account Groups	Budget	Expenditure					TOTAL	Variance
		Disaster Management	Health and Social Services	National Society Development	Principles and Values	Coordination		
A							B	A - B
BUDGET (C)		378,714					378,714	
Supplies								
Shelter - Relief	32,325						32,325	
Clothing & textiles	132,000						132,000	
Water & Sanitation	44,650						44,650	
Utensils & Tools	52,800						52,800	
Other Supplies & Services		553				553	-553	
Total Supplies	261,775	553				553	261,222	
Transport & Storage								
Distribution & Monitoring	68,600						68,600	
Transport & Vehicle Costs	3,226						3,226	
Total Transport & Storage	71,826						71,826	
Personnel								
National Staff	3,000						3,000	
National Society Staff	8,999						8,999	
Total Personnel	11,999						11,999	
Workshops & Training								
Workshops & Training	10,000						10,000	
Total Workshops & Training	10,000						10,000	
Programme Support								
Program Support	23,114	36				36	23,078	
Total Programme Support	23,114	36				36	23,078	
TOTAL EXPENDITURE (D)	378,714	589				589	378,125	
VARIANCE (C - D)		378,125				378,125		