

EMERGENCY APPEAL



International Federation of Red Cross and Red Crescent Societies
Fédération internationale des Sociétés de la Croix-Rouge et du Croissant-Rouge
Federación Internacional de Sociedades de la Cruz Roja y de la Media Luna Roja
الاتحاد الدولي لجمعيات الصليب الأحمر والهلال الأحمر

PAPUA NEW GUINEA: POST-EARTHQUAKE RECOVERY

Appeal no:11/02

1 May 2002

***THIS APPEAL SEEKS CHF 149,000
(USD 92,000 / EUR 100,000)
IN CASH, KIND AND SERVICES
TO ASSIST 4,000 BENEFICIARIES FOR 2 MONTHS***

Summary

A massive earthquake - 6.8 on the Richter Scale - on 10 January 2002 affected more than 20,000 people in the Aitape area of Sandaun province of Papua New Guinea (PNG). Two hundred homes were damaged and more than 300 wells and water points damaged.

The authorities have only recently defined clear roles and responsibilities of who should do what and where in terms of assisting local people to recover. Now that these issues have been resolved, the International Federation is launching this appeal for CHF 149,000.

The Disaster

The epicentre of the earthquake was close to Aitape town and 7 km beneath the ground. The rippling effects were felt as far away as Wewak, East Sepik and parts of Madang Province. The shallowness of the earthquake made it more intense and damaging. The worst affected areas were within 15 km of Aitape, particularly in Lemieng and Prou/Volu villages. Raihu hospital outpatient & labour ward buildings and several schools were among those damaged. The quake sparked land slides and falling rocks around Aitape and parts of Lumi. People in coastal areas moved to higher grounds in anticipation of a possible tsunami.

PNG is prone to earthquake-related disasters. On 1 April, a massive landslide killed or buried alive 36 people, 80km north west of Lae-Morobe Province. Heavy rain had preceded an earthquake, measuring 5.3 on the Richter Scale.

The Response so far

Government Action •

On 12 January, the Director General of the National Disaster Management Office (NDMO) visited the affected areas to obtain first hand information on the damages. They appealed for the PNG Government, through the National Executive Council (NEC), to release available funds. Unfortunately there has been no response.

On 18 January, a stakeholders meeting was called by the NDMO to: share the initial assessment information; form a combined team to do a detailed assessment; obtain technical recommendation on water storage structures for future installation which will be based on the detailed assessment report; and analyse the capacity of stakeholders so as to meet the urgent needs. The Red Cross and ADRA based on their expertise in disaster management & water/sanitation, were assigned to conduct a detailed assessment with the assistance of Aitape District Administration and Aitape Catholic Diocese, and compile recommendations to the coordination committee.

Following the assessment (02-08 February), a report was presented at the National Disaster Committee (NDC) meeting on 18 February. Key findings:

- 322 water tanks damaged, all galvanised, with ferro-cement tanks still standing, but some with cracks;
- Tuffa tanks were not destroyed and 200 bush material houses had collapsed and were beyond repair.
- Damaged water tanks should be replaced with more durable Tuffa tanks.
- canvas, nails and repair tools for damaged bush material should be provided to house owners.

Other agencies

In response to the request from the Sandaun Provincial Administrator, the following NGOs have committed to install water systems in the affected region:

World Vision:	45 systems
Caritas and Catholic Diocese:	150 systems
Save the Children Fund:	8 systems

However, there have been delays, as stated, because of the lack of definition of roles and responsibilities locally. The PNG National Disaster Management Office (NDMO), National Executive Council (NEC) and the National Disaster Committee (NDC); as well as international organisations, such as the Red Cross, ADRA, Caritas, World Vision, Save the Children Fund and AusAID, have been waiting for direction. For instance, it was not until 11 April - three months after the disaster - that the Provincial Administrator of Sandaun urged the NGO community to carry out an immediate water programme to assist the most badly affected population.

The Needs

Immediate Needs

To purchase and install 40 units of 2,000 gallon Tuffa water tanks and accessories to serve 4,000 Aitape earthquake victims.

Red Cross/Red Crescent Action

On 11 January 2002, PNG Red Cross took the lead in establishing communication with the Aitape District Administration, Aitape Diocese, District Health as well as Sandaun Provincial Administration office in Vanimo. Information on the disaster was shared with the NDMO, AusAID, World Vision, ADRA and Caritas.

The PNG RC and the Federation Delegation also helped to: convene an NDC meeting; form a combined agency team; and make an initial assessment. As a result, a three member team was formed, comprising of two members from PNGCRS Disaster Assessment and Response Team (DART) and a water engineer from ADRA, to complete a more detailed assessment. Financial and technical support was provided by the Federation delegation. The Red Cross Team Leader organised a meeting for agencies with the Sandaun Provincial Administrator on 11 April. A consensus was reached to initiate NGO action. On the same day PNG Red Cross and the Delegation agreed to send a three-member team to the affected districts with the following objectives:

- select the target areas;

- select individual communities for the Red Cross water project; and
- organise local storage, transportation and assess the needs for other logistical support.

Following the visit, the PNG Red Cross and the Federation delegation have prepared a Plan of Action based on a consolidated assessment. The water situation is likely to worsen as an imminent El-nino drought situation is being forecast and the Aitape region is expected to be affected.

The Proposed Operation

Through this appeal, the PNG Red Cross and the Federation Plan of Action is as follows:

Phase One: Water system rehabilitation project

- assist a total of 400 vulnerable families (4,000 beneficiaries)
- install 40 water catchment systems (40 x 2,000 gallon Tuffa water tanks)
- mobilise the assistance and participation of the communities.

Phase Two: Strengthening the Capacity of Aitape Local Administration / Community

Conduct a basic disaster management workshop in partnership with other stakeholders during the 2nd phase of this project to strengthen the disaster management capacity of the local government and community.

Objectives and Activities w

Water-sanitation w

Objective 1: Installation of Water catchment systems :

- 40 units of 2,000-gallon-Tuffa water catchment systems will be installed by 30 June 2002 to enable 4,000 beneficiaries in Aitape area to get an access to clean drinking water as well as to reduce the risk of drought related diseases among the affected population due to lack of water during the predicted forthcoming Elnino.

Activities:

1. Organise, purchase and make available 40 water tanks from Lae, Madang or Vanimo for installation in Aitape
2. Conduct installation focusing on four affected areas in Aitape District - Aitape East Coast, Aitape Inland, Aitape town and Aitape West Coast, with community participation.
3. Ensure monitoring of the installation process primarily by the PNG Red Cross assigned disaster preparedness /response (DP/R) personnel, local administration, community leaders and other stakeholders.
4. Share basic knowledge with the target communities for repair and maintenance.

Procurement: Standard Federation procurement policy will be used for purchasing these 40 (2,000 gallons) water systems. Tender documents will be shared with the reliable suppliers and shippers with specific deadlines to make available the water systems at Aitape wharf. Proper agreement with penalty clause will be maintained for smooth operation.

Duration of Operation: The project is expected to start within 3 days of the availability of the funds. Depending on the locations of the operational areas, accessibility and other logistical issues, the PNG Red Cross is likely to complete the operation within two months. Although it is desirable to carry out the installation in all areas simultaneously, many practical difficulties i.e. logistical and availability of items may prevent this.

Selection of Beneficiaries: Target communities have been selected through baseline survey information, conducted recently by the PNG Red Cross and the Delegation, in close co-ordination with other stakeholders. Emphasis was given to the remaining affected communities after Caritas and World Vision had gone through their selection process. 1 water tank (2,000 gallons) for 10 targeted families (approximately 100 people), is the ratio used in determining the numbers.

Warehousing: The procured water tanks and accessories will be delivered by the suppliers concerned to the PNG Red Cross' assigned personnel for Aitape water rehabilitation project. Local warehousing will be arranged at suitable locations and where possible it will be provided by the local administration.

Transportation: The PNG Red Cross will use rented vehicles, local banana boats and to some extent helicopter to transport the water systems from Aitape central store to the final installation places.

Dissemination: The installation of the water systems will be an ideal opportunity for the PNG Red Cross to disseminate Red Cross/Red Crescent principles, activities and in particular PNG Red Cross activities. A template of the PNG Red Cross logo will be made and painted on each tank. Photos of the operation will be provided to the media. Aprons with the Red Cross emblem will be worn by those running the operation. Other publication materials will be produced to enhance dissemination and visibility.

Objective 2: Conducting Disaster Management Workshop for Aitape Local Administration / Community :
Activities:

1. Selection and finalisation of workshop participants numbering between 25 - 30, which include representatives from various governmental institutions in Aitape district, community leaders, NGOs, National and Provincial Disaster Management representatives
2. Constant liaison with Aitape district disaster committee to organise a suitable venue in Aitape town and to take care of other logistical arrangements.
3. Selection and finalization of topics for the five-day workshop would be carried after discussions with the various stakeholders and facilitators from the Red Cross /Red crescent Movement and other agencies.
4. Conducting a five day basic disaster management workshop through lectures, group work, case-studies, simulation exercises and video presentation in July-August 2002 at Aitape

National Society Capacity Building w

Through the implementation of a Disaster Management Workshop for the Aitape Local Administration and community, PNG Red Cross headquarters and the Morobe Branch will have a closer link with community based Red Cross volunteers for the next disaster in this area.

Coordination

PNG Red Cross/Federation will coordinate with the NDMO, NEC, NDC, ADRA, Caritas, World Vision, Save the Children Fund and AusAID to exchange information on development of this programme. Upon finishing the overall operation, a report will be shared with the local administration and other local stakeholders, so that they are more aware about the location, targeted community groups and their level of commitments for carrying out ongoing repair and maintenance activities.

Monitoring and Evaluation w

Field monitoring will be carried out by PNG Red Cross and the Federation Delegation periodically. Operational activities will be reflected in the standard Federation operations updates and a final programme report including a financial report, which will be produced by the PNG Red Cross/Federation within a month of the project's conclusion. No separate evaluation is planned.

Capacity of the National Society w

PNG Red Cross has considerable experience in the coordination of relief operations, including the major Aitape Tsunami, El Niño drought and the Bougainville relief operations over the past five years. The volunteers trained through Community Based Self Reliance Programme are important assets, but the capacity at field level is limited and needs to be reinforced. Good relations and working networks with National and Provincial authorities are in place.

Present Capacity of the Federation w

The Federation Delegation in PNG consists of a Head of Delegation, Organisational Development delegate, Disaster Preparedness (DP) delegate, and Finance/Administration Delegate. With the imminent end of mission the DP Delegate, the OD Delegate will be required to work closely with the PNG Red Cross to implement the operation. The Finance/Admin Delegate will be responsible for procurement and logistics with the assistance of the Office Manager. Support will be provided by the Head of the Delegation as required.

Budget summary

See Annex 1 for details.

For further details please contact: Satoshi Sugai, Federation Desk Officer, Phone: 41 22 730 4273; Fax: 41 22 733 0395; email: sugai@ifrc.org.

All International Federation Assistance Operations seek to adhere to the Code of Conduct and are committed to the Humanitarian Charter and Minimum Standards in Disaster Response (SPHERE Project) in delivering assistance to the most vulnerable.

In line with the Minimum Reporting Standards, the first operations update on this appeal will be issued within 30-days of the launch and the second will be issued over the course of the operation; a final narrative and financial report will be issued no later than 90 days after the end of the operation.

This operation seeks to administer to the immediate requirements of the victims of this disaster. Subsequent operations to promote sustainable development or longer-term capacity building will require additional support and these programmes are outlined on the Federation website.

For support to or for further information concerning Federation operations in this or other countries, please access the Federation website at <http://www.ifrc.org>

Jean Ayoub
Director
Disaster Management and Coordination

Didier J. Cherpitel
Secretary General

ANNEX 1

APPEAL No. 11/2002

BUDGET SUMMARY
Aitape earthquake - Papua New Guinea

<u>TYPE</u>	<u>VALUE</u>
<u>RELIEF NEEDS</u>	<u>IN CHF</u>
<u>Water and sanitation</u>	<u>40,000</u>
<u>TOTAL RELIEF NEEDS</u>	<u>40,000</u>
<u>PROGRAMME SUPPORT</u>	
<u>Programme management</u>	<u>10,000</u>
<u>Technical support</u>	<u>3,000</u>
<u>Professional services</u>	<u>3,000</u>
<u>TRANSPORT STORAGE & VEHICLE COSTS</u>	<u>39,000</u>
<u>PERSONNEL</u>	
<u>Expatriate staff</u>	<u>20,000</u>
<u>National staff</u>	<u>8,000</u>
<u>ADMINISTRATIVE & GENERAL SERVICES</u>	
<u>Travel & related expenses</u>	<u>5,000</u>
<u>Information expenses</u>	<u>3,000</u>
<u>Administrative & general expenses</u>	<u>3,000</u>
<u>External workshops & seminars</u>	<u>15,000</u>
<u>TOTAL OPERATIONAL NEEDS</u>	<u>109,000</u>
<u>TOTAL APPEAL CASH, KIND, SERVICES</u>	<u>149,000</u>
<u>LESS AVAILABLE RESOURCES (-)</u>	<u>0</u>
<u>NET REQUEST</u>	<u>149,000</u>