



# **Shelter Cluster Vanuatu**

## **Ambae Mass Evacuation 2017**

### **Response Review**



Aerial view of tents around Chapuis Stadium in Luganville, Santo, Vanuatu during the Ambae Volcano response in October 2017.  
Photo: Sanma Province Emergency Operations Centre



|   |   |   |   |   |
|---|---|---|---|---|
| <b>Response name</b>  | Ambae Mass Evacuation 2017  |   |   |   |
| <b>Cluster Lead Agency</b>  | Department of Public Works (PWD)  |   |   |   |
|   | <table border="1"> <tr> <td><b>National:</b><br/>Dick Abel<br/>dabel@vanuatu.gov.vu<br/>Phone: 7744721</td> <td><b>Sanma Province:</b><br/>Henry Wells, Divisional Manager<br/>hwells@vanuatu.gov.vu<br/>Phone : 7714398</td> <td><b>Penama Province:</b><br/>Alick Loas, Divisional Manager<br/>aloas@vanuatu.gov.vu<br/>Phone: 5995986</td> </tr> </table>  | <b>National:</b><br>Dick Abel<br>dabel@vanuatu.gov.vu<br>Phone: 7744721   | <b>Sanma Province:</b><br>Henry Wells, Divisional Manager<br>hwells@vanuatu.gov.vu<br>Phone : 7714398 | <b>Penama Province:</b><br>Alick Loas, Divisional Manager<br>aloas@vanuatu.gov.vu<br>Phone: 5995986 |
|   | <b>National:</b><br>Dick Abel<br>dabel@vanuatu.gov.vu<br>Phone: 7744721   | <b>Sanma Province:</b><br>Henry Wells, Divisional Manager<br>hwells@vanuatu.gov.vu<br>Phone : 7714398   | <b>Penama Province:</b><br>Alick Loas, Divisional Manager<br>aloas@vanuatu.gov.vu<br>Phone: 5995986   |   |
|   |   |   |   |   |
| <b>Cluster co-lead</b>  | International Federation of Red Cross and Red Crescent Societies (IFRC)   |   |   |   |
|   | <p><b>Name:</b> Subesh Prasad, Luke Johnston, Robert Dodds<br/> <b>Email:</b> coord1.vanuatu@sheltercluster.org<br/> <b>Mobile:</b> Subesh +679 9990185, Luke +678 7744917, Robert +679 9980173</p>   |   |   |   |
| <b>Shelter Cluster partners active in this response</b>                             | Action AID, Australian Red Cross, Anglican Church, Baptist Church, Care International, Caritas, CDCCCs, Church of Christ, Catholic Church, Department of Education, DFAT, Frangipani Association, Further Arts/TEKS, French Government, GIZ, IFRC, IOM, JICA, Luganville Municipality, Logistics Cluster, MOH, Mormon Church, MFAT, NISCOL, NDMO, PDMOs, Presbyterian Church, Public Works Department Sanma and Penama, Santo East Secondary School, SDA, Santo Ambae Disaster Support Committee, Sanma Council of Women, Tabumasana Council of Chiefs, UNDP, UNICEF, VCC, Vanuatu Red Cross, Vanuatu Police, Vanuatu Lands Department, Vanuatu Civil Status Department, Vanuatu Chinese Association, Vanuatu Football Federation, World Vision.  |   |   |   |
| <b>Summary of population affected and reached with emergency shelter assistance</b> | <p>The entire population of Ambae Island (10,869 people / 2,912 households) was evacuated mainly to the three adjacent islands: Espiritu Santo in Sanma Province; and Pentecost and Maewo in Penama Province. Some people went to the capital city Port Vila independently.</p> <p><b>The number of evacuees on each island were as follows:</b><br/> Santo 8,385 (4,263 male, 4,113 female). Note there is a small discrepancy in the source data between total number of people/number of male and female.<br/> Pentecost 1,475 (774 male, 701 female)<br/> Maewo 609 (310 male, 299 female)<br/> Port Vila (Efate Island) approx. 400</p> <p>In Santo, host families sheltered 2,484 people (1,266 male, 1,218 female)<br/> 5,901 people (2,997 male, 2,904 female) took refuge in 2 major camps and 52 evacuation centres (schools and churches). This population included:<br/> 126 people over 60 years (53 male, 73 female)<br/> 26 children under 18 with disabilities (11 male, 15 female)<br/> 81 people with disabilities over 18 years (29 male, 52 female)</p> <p>Total people assisted with emergency shelter and non-food items (information from distribution reports):<br/> Santo Island: 7,100 people (3,600 male, 3,500 female)<br/> Pentecost Island: 1,475 people (774 male, 701 female)<br/> Maewo Island: 609 people (310 male, 299 female)</p> <p><b>Total: 9,184 people, or approximately 2,025 households</b></p> |   |   |   |
|   | <b>Summary of the evolution of the response</b>   | <b>07 September</b> – NDMO release first situation report indicating an increase in volcanic activity of Monaro volcano on Ambae Island to Level 3. |   |   |



**NEOC placed on readiness.**

**23 September** - Vanuatu Meteorology & Geo-hazards Department (VMGD) **increased the Volcanic Alert Level of Monaro volcano to level 4**, or moderate eruption state, advising that the volcano's activity may increase or decrease at any time without warning. Provincial authorities undertaking evacuations of people in high risk areas to safer areas.

**Penama PEOC made operational.**

Deployment of Provincial Disaster and Climate Change Committee (PDCCC) members to South, North and West Ambae to inform the people in the 4 area councils to be prepared and leave their homes to proposed evacuation centres in the Safe Zones in the Eastern and Western parts of Ambae. Over 3,000 people moved to host communities on Ambae away from high risk areas. Host communities and Provincial Authorities supporting people's immediate needs.

**24 September** – Vanuatu Red Cross begin distributing tarps on Ambae.

**26 September** - **State of Emergency for Ambae island officially declared for 2 weeks**, to be reviewed thereafter.

**National Emergency Operations Centre (EOC) is made operational.**

**Sanma Provincial EOC made operational.**

**27 September** - Monaro Volcano remains at Alert Level 4. Provincial authorities report that there are an estimated 8,000 people in evacuation centres on Ambae. A Council of Ministers (COM) meeting is held to discuss the off-island evacuation scenario. Conditions remain difficult in evacuation centres with overcrowding.

**28 September**- the **Council of Ministers orders a mass evacuation of the entire island**, to be completed by 06 October.

To ensure a coordinated response to the humanitarian needs faced by the affected population, the **cluster system was activated at National and Provincial levels**.

**01 October** - NDMO requests IFRC coordination support. Shelter Coordination support member from IFRC Suva office (Subesh Prasad) arrives in Port Vila the following day with the main objectives of supporting with immediate needs as well as defining the need for further shelter coordination support going forward. It was determined that coordination support would be required for an additional month, so a shelter cluster coordinator was engaged (supported by Australian Red Cross), for a one-month period starting on 10 October.

**02 October** - Estimated 4,500+ people had been evacuated to Santo with hundreds more to Pentecost and Maewo. Luganville subject to a shelter shortage for evacuees.

**First Shelter Cluster Vanuatu (SCV) meeting, Port Vila.**

Public Works Department (Dick Abel) mobilises and notifies PWD Sanma and Penama to prepare to assist. Subesh Prasad (IFRC Regional Shelter support team) arrives in Vanuatu to support PWD in leading the cluster.

**03 October** – Scoping visit to Santo, Shelter Cluster Coordination team. Met the Secretary General of Sanma Province, as Controller of Sanma Province Emergency Operation Centre to understand the situation and needs of affected people. At this stage the total number of



affected population was unclear and therefore assumptions were made using 2016 mini census data.

#### **04 October - Second SCV meeting, Port Vila**

- Mass evacuation is a new situation for Vanuatu, we're normally dealing with usually cyclones.
- Evacuees are being supported largely through their respective church groups which seem to be acting as a default grassroots coordination mechanism.
- Population will be resettled from ~40 current locations into four locations in Luganville (VFF, Chapuis, De Quiros, Sanma Park). SG concurs.
- Response package 1 family = 1 tent and 1 tarp?
- Tents/tarps as the short-term strategy, rather than durable shelters or re-hosting (government will need to decide to employ other strategies)
- IOM will deploy CCCM site planning officer with shelter experience, is currently identifying (timeframe: 72 hours)
- IOM focal person may be able to relocate to Santo to assist immediately pending head office permission
- Plan for one month to six weeks of possible temporary sites pending approval from Government

The Shelter Cluster Coordination team after meeting with Sanma PEOC Controller appealed to donors including DFAT, MFAT, JICA and Shelter Cluster partners for:

Tents – 1,600, Tarps – 1,600, Kitchen sets – 1,600, Solar lights – 1,600, Blankets – 3,200, Mosquito nets (facilitated in coordination with Health Depart) – 3,200

Local partners mobilisation:

- PWD brought in Paul Morrison (Division Manager from Torba province) to assist in operations establishing shelter sites. PWD Sanma staff mobilised.
- VRCS and World Vision main emergency shelter responders.
- VRCS mobilises 20 Correctional Services inmates to assist in erecting tents.

#### **06 October – Third SCV meeting, Port Vila**

Sanma shelter situation

- 100 tents up of 200 provided by DFAT
- Population has increased to 7,000 people in 40-50 evacuation centres (mainly schools and churches).

Penama shelter situation

- Vanuatu Red Cross staff deployed on Wednesday morning for assessment.
- Approx. 2,000 population in 21 Evacuation centres in South Pentecost. Assessment ongoing to determine number of centres in North Pentecost and Maewo.
- Chartered ship will leave within the next 24 hours with emergency shelter and NFIs to Pentecost and Maewo
- Significant movement of people between Maewo and Pentecost

Current priorities:

- Elevate identified tent shortages up the chain as a first priority, but move ahead with alternative shelters presuming that tents will not arrive in a timely manner.



- Santo - Due to lack of tents and prospects for tents, propose use of local materials to structure temporary shelters using tarps and tool kits. Consider purchasing materials if bush materials are not available. Sanma Provincial Council (SG) agreed that volunteers and VMF will assist in providing local materials (bamboo, etc), for emergency shelter.
- Shelter Cluster Team and Red Cross volunteers to assist in putting up emergency shelter using tarps and local materials.

Local partners:

Benuel Tabi from Lands Department, Samson Sam from Police, Frazer Graham (Baptist Church), and John Sese (CCDCC) join the shelter response team to assist with distribution and erection of tents/shelters.

Coordination: PWD Lead delegates responsibility for Santo operations hub to Henry Wells (DM Sanma), and Paul Morrison with ongoing support from IFRC.

**07 October – Shelter Kit Introduction awareness session, Port Vila.** 18 participants (11 males and 7 females) attended a one-day awareness session held at Vanuatu Red Cross, Port Vila. 13 participants - VRCS staff and volunteers and 5 NDMO staff. Topics: key messaging on erecting emergency shelter using tarpaulins and the shelter tool kit with available local materials (bamboo and timbers); tents and fire safety. Shelter technical flyers outlining fire safety, and camp site setup guideline were distributed. It was intended that volunteers who received the awareness would be deployed to Penama province to support branches on safe shelter awareness, distribution and construction.

**09 October - Strategy v1.1 endorsed, Port Vila and Santo (see strategy section below).**

51 evacuation centres hosting approximately 7,000 people or 1,400 households while there are approximately 1,500 people (300 households) in camp situations. Accommodation in evacuation centres is to be seen as the first option, and in tents as the last option. Some families have opted to stay with host families.

- In Sanma province, key shelter partners include World Vision, Vanuatu Red Cross, Caritas, IOM and MoH, working in close collaboration with Sanma EOC.
- In Penama province, Vanuatu Red Cross is the main shelter responder, working closely with Penama EOC.
- Distribution of tarpaulins, blankets, kitchen sets, solar lights and other NFIs continues.

**10 October** - Outgoing shelter cluster coordination support Subesh Prasad meets incoming coordination support Luke Johnston, for debriefing and handover in Port Vila.

**State of Emergency for the Island of Ambae is extended until the 24th October 2017**

**11 October – Repatriation planning ordered to begin**

- Incoming coordination support Luke Johnston arrives in Santo.
- Situation of displaced populations in Santo, Pentecost and Maewo now reported to be stable.
- Distribution of tarpaulins, and NFIs continues.

**16 October – Fourth Shelter Cluster meeting, Santo**



#### **Shelter input to repatriation planning:**

- As the NDMO-led assessment reported no effect on dwellings or other buildings on Ambae, shelter assistance on Ambae is not seen to be a need for returnees.
- Recommended that returnees can keep the assistance they had already received when returning to Ambae - two tarps per household, plus NFIs.
- Tents will remain in Luganville, Santo. Need to be tagged and accounted for, and a plan for appropriate packing up and storage put in place.

#### **18 October –**

The Council of Ministers meet and endorsed several recommendations:

- The State of Emergency on Ambae be extended until Friday 27th October 2017;
- A delegation including the President, Prime Minister, Minister of Climate Change and others to travel to Santo, Pentecost and Maewo to conduct a ceremony to thank host communities for their support to evacuees;
- Conditions are suitable for evacuees to return to Ambae and that they will be supported to return by the government during the State of Emergency;
- Endorsement of repatriation strategy prepared by the NDMO, partner agencies and clusters.

Coordination: PWD Lead Dick Abel arrives in Santo to monitor and assist in repatriation planning, delegating four PWD staff from Ambae to manage each of the 4 ports on Ambae where returnees will disembark, and to prepare any necessary temporary shelter arrangements during the transit period.

#### **19 October - Fifth Shelter Cluster meeting, Santo**

Actions decided:

- Analyse and distribute to meet gaps reported by Ambae Disaster Support Committee (ADSC).
- Erect a shade shelter with tarps and local materials at Chiefs nakamal in Luganville.
- Identify priority centres for repatriation to the Logistics Cluster.
- Tent tagging – spray paint identification serial numbers on the tents while they are dry and before they are empty for security and storage management.
- Tent storage – discuss with NDMO/VRCS/SANMA on suitable space and technical aspects of storage.

#### **20 October – Repatriation formally approved by COM. State of Emergency extended to 27 October**

**21 October – Repatriation commences.** Red Cross Volunteers with Shelter team deployed to Ambae in preparation to assist returnees.

#### **23 October - Sixth and final Shelter Cluster meeting, Santo**

Actions decided:

- Packing up tents – PWD (Paul Morrison) to lead this. Issue with weather as rain has made the tents damp. Must wait now until they are dry.
- Clarify with EOC the exit strategy for leaving sites, regarding any outstanding issues with the site owners.



|   |  |
|---|--|
|   | <p><b>27 October</b> – Vast majority have been repatriated. End of state of emergency and shelter response.</p> <ul style="list-style-type: none"> <li>Note: excepting those with special needs who need accompaniment or to be airlifted.</li> </ul>  |
| <p><b>Strategy and Cluster Objectives</b></p> | <p><b>One shelter strategy was endorsed during this response: Strategy 1.1 endorsed 09 October 2017, to be revised 23 Oct 2017</b> or after significant movement of population. Due to the nature of the multi-province, multi-island response, all shelter cluster partners could not meet around one table and therefore the strategy was discussed within the coordination team, and individually with shelter partners including VRCS, World Vision, and Secretary Generals of Penama and Sanma provinces. The endorsed strategy was then shared with all shelter partners.</p> <p><b>CLUSTER OBJECTIVE 1:</b> Provide emergency shelter and non-food item assistance to meet the immediate needs people who have been evacuated from their homes.</p> <p><b>CLUSTER OBJECTIVE 2:</b> Support affected people with shelter and non-food item assistance in the mid-term, based on evolution of volcanic activity, resultant damage to housing and ongoing needs of the population.</p>   |
| <p><b>Assessments</b></p>                     | <p>Registration of evacuees carried out mainly by Vanuatu Red Cross with support of IOM. Vanuatu Red Cross emergency needs assessment in Penama province. Disaggregated sex and age data.</p> <p>NDMO-led assessment before repatriation on Ambae Island.</p> <p>It is not clear whether needs assessments were carried out in evacuation centres in Santo before the distribution of emergency shelter and non-food item assistance.</p>  |
| <p><b>Cross-cutting issues</b></p>            | <p><b>Sanma Province</b></p> <p>7/10/2017: safe shelter awareness session carried out by IFRC for Vanuatu RC and NDMO participants, on how to use the shelter kit to construct temporary shelters, as well as basic camp planning guidelines, protection and fire safety issues in camps.</p> <p>10/10/2017: Rapid assessment of Ambae to determine feasibility, including safety aspects, of returning. Shelter Cluster fed in to discussions around planning of assessment which would inform repatriation strategy.</p> <p>10/10/2017: IFRC shared basic camp planning guidelines and fire safety issues in camps with Vanuatu RC team assisting with installation of tents. Tour of Chapuis Stadium carried out to ensure tents safely spaced, reducing fire risk.</p> <p>11/10/2017: Solar lights distributed to evacuees to ensure safety and wellbeing at night.</p> <p>12/10/2017: Gender &amp; Protection Cluster Conducted a rapid Gender and Protection assessment. Not clear if results from this were shared. 8 child friendly spaces established. Status and timeframe of evacuations and repatriation, timetable of services for their evacuation centre regularly communicated to people in evacuation centres.</p> <p>19/10/2017: Continuous gender and protection monitoring in evacuation centres.</p> <p>During this response, Luganville Mormon Church was identified as a suitable centre for evacuees with disabilities.</p> <p><b>Penama Province</b></p> <p>Vanuatu RC psychosocial support given to evacuees in evacuation centres in Pentecost and Maewo throughout the response. Currently ongoing (17/11/2017).</p> |

|                                  |  |
|----------------------------------|--|
|                                  | 25/10/2017. High numbers of evacuees and high numbers of vulnerable people mentioned in EOC meeting but no details on types of vulnerabilities and how this was being addressed.   |
| <b>Monitoring and Evaluation</b> | <p>Agencies reported to Provincial Shelter Cluster Leads, who then collated and fed key information on progress, gaps and challenges to Provincial EOC daily during the emergency. This information was reported back to partners during the PEOC briefings and actions monitored during the response.</p> <p>Best Practice/ Lessons learned workshop has been carried out on coordination as well as response at conclusion of emergency phase (see below).</p> |

|  |   |
|--|---|
| <b>Best Practice &amp; Lessons Learned workshop 09/11/2017 Sanma Province conference room, Luganville, Santo</b> | <p>The Shelter Cluster Vanuatu team decided to hold this workshop at Sanma Province as this had been the main coordination hub for the response, set up to assist the majority of Ambae's population displaced to Luganville.</p> <p>The workshop was well attended with representatives from Vanuatu Red Cross, key I/NGOs, Chiefs and Churches, and community groups. Due to a national-level budget meeting, PWD managers were unable to attend.</p> |
|--|---|

|                     |                       |                                 |  |                     |
|---------------------|-----------------------|---------------------------------|--|---------------------|
| <b>Participants</b> | <b>Name</b>           | <b>Organisation</b>             | <b>Email</b>   | <b>Phone (+678)</b> |
|                     | Kenson Tari           | World Vision                    | <a href="mailto:kenson_tari@wvi.org">kenson_tari@wvi.org</a>         | 5550068             |
|                     | Rexly Mala            | VRCS Shelter Volunteer          |  | 7726652             |
|                     | Jerry Rojo            | VRCS Shelter Volunteer          |  | 5682011             |
|                     | Alban Tavi            | VRCS Shelter Volunteer          |  | 5377730             |
|                     | Coen Bosboom          | GIZ                             | <a href="mailto:Coen.bosboom@giz.de">Coen.bosboom@giz.de</a>         | 5536360             |
|                     | John Jese             | CDCCC                           |  | 7381718             |
|                     | Chief Gidion Rookrook | Chief Reps                      |  | 5633797             |
|                     | Isaac Savua           | CARE International              | <a href="mailto:Isaac.Savua@careint.org">Isaac.Savua@careint.org</a> | 7742246             |
|                     | Hilson Toaliu         | UNICEF/WASH                     | <a href="mailto:htoaliu@unicef.org">htoaliu@unicef.org</a>           | 7754140             |
|                     | Ham Joel              | Further Arts                    | <a href="mailto:teksassitant@gmail.com">teksassitant@gmail.com</a>   | 5916034             |
|                     | Augustine Garae       | VRCS                            | <a href="mailto:redcross@vanuatu.com">redcross@vanuatu.com</a>       | 5478201             |
|                     | Shirley Johnson       | VRCS                            | <a href="mailto:santoredcross@gmail.com">santoredcross@gmail.com</a> | 5432341             |
|                     | Thomas Toa            | Church of the Later Days Saints | <a href="http://thomastoa@ldschurch.org">thomastoa@ldschurch.org</a> | 5541055             |

|                                   |  |
|-----------------------------------|--|
| <b>Best Practices / successes</b> | <p><b>Penama Province (Pentecost and Maewo Islands)</b></p> <ul style="list-style-type: none"> <li>Local level traditional cooperation and coordination (affected families, host families, church and community leaders)</li> <li>Evacuees taking refuge with host families (host family as a viable emergency shelter option).</li> <li>Good coverage of affected population with emergency shelter and NFI assistance.</li> </ul> <p><b>Sanma Province (Espiritu Santo Island)</b></p> <ul style="list-style-type: none"> <li>Strong early response at local level – chiefs, churches and Provincial government</li> </ul> |
|-----------------------------------|--|





|  |   |
|--|---|
|  | <ul style="list-style-type: none"> <li>• Strong information sharing, coordination and allocation of roles, at local/Provincial levels on registration of IDPs and management of allocation of shelter spaces locally. A multi-sectoral working group consisting of Education, Health, WASH, Food Security and Agriculture, Gender and Protection and Shelter collaboratively undertook the operation.</li> </ul>  |
| <p><b>Challenges /<br/>Lessons Learned</b></p> | <ul style="list-style-type: none"> <li>• Connection and demarcation with CCCM (IOM/NDMO) was not clear during the response. e.g. who is responsible for registration, and selection and design of camp sites?</li> <li>• This was a new type of emergency involving large-scale registration of evacuees. This led to confusion on relationship of registration and assessment processes.</li> <li>• Distribution of shelter relief and NFIs at the evacuation centres was slow due to very little lead time needed for logistics.</li> <li>• Freewill of the people vs Government plans led to unpredictable movement of population and presented challenges in delivering timely, adequate and appropriate assistance.</li> <li>• Ambae teams found communication difficult and experienced a lack of information coming from outside.</li> <li>• Overcrowding and protection issues in evacuation centres required good monitoring and management.</li> <li>• The selection of tents for this response created many issues including heat stress on people living in them, as well as storage after the response.</li> <li>• The repatriation of people to Ambae was done rapidly and this led to some minor gaps in providing shelter to people in transit.</li> <li>• Housing evacuees in schools has the potential to interrupt classes. Given the large caseload of evacuees, this was unavoidable.</li> <li>• Rapid replenishment of emergency shelter items and NFIs will be needed before the cyclone season.</li> </ul>  |
| <p><b>Recommendations</b></p>                  | <ol style="list-style-type: none"> <li><b>1. Carry out a contingency planning exercise and finalise plans at Provincial level for volcano-related mass evacuation emergencies.</b><br/>Each of the 4 major volcanoes has a different social and geographical context which would benefit from a specialised plan and strong engagement of local government at state and traditional levels. This could build upon the work of the Mass Evacuation in Natural Disasters (MEND) exercise in June 2016 which developed a National Mass Evacuation Plan, with four sub-plans for each of the high-risk volcanic islands in Vanuatu and guidance on how to realise a comprehensive and effective evacuation plan. This could also link with the Displacement Strategy for Vanuatu currently in draft.<br/><br/>Some aspects/gaps of this response would benefit from such an exercise, e.g. clear guidelines on type and quantity of emergency shelter relief items and NFIs required for mass evacuation scenarios, strategy for prepositioning of stock which would adequately support the population in the event of evacuation as well as repatriation to ensure shelter needs are well understood and in place to assist people when leaving and returning home, and prescribed processes and minimum requirements for selection of appropriate evacuation centres/sites.</li> <li><b>2. Advocate for review/development of Terms of Reference (TOR) for CCCM working group in order to clarify issues around registration, assessment, and linkages with Shelter Cluster (and other clusters) in mass evacuation emergencies.</b> This should be done in conjunction with an examination and review of the Shelter Cluster TOR (as well as other relevant sectors), at National, Provincial, and Island levels.</li> </ol> |



- 3. Continue to develop and promote appropriate emergency shelter solutions for Vanuatu, including host family support, appropriate evacuation centres, and the shelter kit (shelter tool kit and two tarpaulins) in preference to less appropriate, costly solutions such as tents.** During this response, we were reminded first-hand how tents are not well-suited to hot and humid climates as evacuees living in them reported suffering from heat stress particularly during the day. Furthermore, tents are five times more expensive to purchase and transport than a shelter kit, problematic and potentially costly to store as they can quickly rot when warehoused and require routine inspection, and they have a tendency to create dependence of the affected population on external solutions, therefore slowing down their recovery process.

It is recommended that awareness of other options be developed through initiatives such as information/awareness sessions on the use of shelter kits to erect emergency shelters, complemented with locally available materials (bush and/or salvaged materials). Two of these sessions were rolled out during the response reaching 48 shelter partners, one in Port Vila, and the other in Santo as a part of this workshop.

- 4. Strengthen Shelter Cluster (and other clusters and working groups) at Provincial and local levels (local traditional governance and churches).**

This should be done within the guiding principles and structures of decentralisation in line with Government of Vanuatu legislation (Disaster Risk Management Act) currently under revision.

Concretely, this could be kickstarted through sensitisation of Provincial shelter cluster leads around the nature and purpose of the cluster system in Vanuatu, and regular meeting of shelter partners to develop guiding documents such as the Terms of Reference and Standard Operating Procedures.

## Annexes

### Annex 1: Population reached with emergency shelter assistance by Island/Item

| Item                       | Island    | # Households targeted (evac centres, camps & with host families) | Target # items per HH | total # items required | Quantity distributed | Shortfall/surplus | Average # of item per household |
|----------------------------|-----------|--|-----------------------|------------------------|----------------------|-------------------|---------------------------------|
| Tarps                      | Santo     | 1,130  | 2                     | 3,256                  | 1,694                | -1,562            | 1.5                             |
|                            | Pentecost | 387  | 2                     | 774                    | 351                  | -423              | 0.9                             |
|                            | Maewo     | 218  | 2                     | 436                    | 190                  | -246              | 0.9                             |
| <b>TOTALS Tarps</b>        |           | <b>1,735</b>   |                       | <b>4,466</b>           | <b>2,235</b>         |                   | <b>1.3</b>                      |
| Tents                      | Santo     | 290  | 1                     | 290                    | 290                  | 0                 | 1.0                             |
|                            | Pentecost | 0  | 0                     | 0                      | 0                    | 0                 | 0.0                             |
|                            | Maewo     | 0  | 0                     | 0                      | 0                    | 0                 | 0.0                             |
| <b>TOTAL Tents</b>         |           | <b>290</b>   |                       | <b>290</b>             | <b>290</b>           | <b>0</b>          | <b>1.0</b>                      |
| Kitchen sets               | Santo     | 1,420  | 1                     | 1,420                  | 972                  | -448              | 0.7                             |
|                            | Pentecost | 387  | 1                     | 387                    | 351                  | -36               | 0.9                             |
|                            | Maewo     | 218  | 1                     | 218                    | 218                  | 0                 | 1.0                             |
| <b>TOTAL Kitchen Sets</b>  |           | <b>2,025</b>   |                       | <b>2,025</b>           | <b>1,541</b>         | <b>-484</b>       | <b>0.8</b>                      |
| Solar lights               | Santo     | 1,420  | 1                     | 1,420                  | 898                  | -522              | 0.6                             |
|                            | Pentecost | 387  | 1                     | 387                    | 351                  | -36               | 0.9                             |
|                            | Maewo     | 218  | 1                     | 218                    | 218                  | 0                 | 1.0                             |
| <b>TOTAL Solar lights</b>  |           | <b>2,025</b>   |                       | <b>2,025</b>           | <b>1,467</b>         | <b>-558</b>       | <b>0.7</b>                      |
| Mosquito nets              | Santo     | 1,420  | 2                     | 2,840                  | 0                    | -2,840            | 0.0                             |
|                            | Pentecost | 387  | 2                     | 774                    | 351                  | -423              | 0.9                             |
|                            | Maewo     | 218  | 2                     | 436                    | 218                  | -218              | 1.0                             |
| <b>TOTAL Mosquito nets</b> |           | <b>2,025</b>   |                       | <b>4,050</b>           | <b>569</b>           | <b>-3,481</b>     | <b>0.3</b>                      |
| Blankets                   | Santo     | 1,420  | 2                     | 2,840                  | 1,512                | -1,328            | 1.1                             |
|                            | Pentecost | 387  | 2                     | 774                    | 351                  | -423              | 0.9                             |
|                            | Maewo     | 218  | 2                     | 436                    | 138                  | -298              | 0.6                             |
| <b>TOTAL Blankets</b>      |           | <b>2,025</b>   |                       | <b>4,050</b>           | <b>2,001</b>         | <b>-2,049</b>     | <b>1.0</b>                      |
| Sleeping mat               | Santo     | 1,420  | 2                     | 2,840                  | 80                   | -2,760            | 0.1                             |
|                            | Pentecost | 387  | 2                     | 774                    | 706                  | -68               | 1.8                             |
|                            | Maewo     | 218  | 2                     | 436                    | 225                  | -211              | 1.0                             |
| <b>TOTAL Sleeping mats</b> |           | <b>2,025</b>   |                       | <b>4,050</b>           | <b>1,091</b>         | <b>-2,959</b>     | <b>0.5</b>                      |

Note: according to distribution data, targets for number of items/household were not reached in this response as agencies were requested to stop distributions after the decision to repatriate families to Ambae had been taken e.g. each household received on average 1.5 tarps on Santo instead of 2 as planned, and in Penama Province an average of 0.9 tarps per household. This was similarly the case for the NFIs including kitchen sets, solar lights, mosquito nets, blankets, and sleeping mats.

**Annex 2: Distribution totals by Island/Agency/Donor/Item**

| Item                       | Province     | # HH targeted (evac centres, camps & with host families) | Target # items per HH | total # items required | Agency        | Quantity allocated/received | Quantity distributed | Surplus      | Comments                       |
|----------------------------|--------------|--|-----------------------|------------------------|---------------|-----------------------------|----------------------|--------------|--------------------------------|
| Tarpaulins                 | Santo total  | 1,130  | 2                     | 2,260                  |               | 3,256                       | 1,694                | 1,562        |                                |
|                            |              |  |                       |                        | MFAT          | 800                         |                      |              |                                |
|                            |              |  |                       |                        | DFAT          | 1200                        | 1198                 | 2            |                                |
|                            |              |  |                       |                        | World Vision  | 675                         | 456                  | 219          |                                |
|                            |              |  |                       |                        | VRCS          | 40                          | 40                   | 0            |                                |
|                            | Pentecost    | 387  | 2                     | 774                    | VRCS          | 351                         | 351                  | 0            |                                |
|                            | Maewo        | 218  | 2                     | 436                    | VRCS          | 190                         | 190                  | 0            |                                |
| Penama total               | 605          |  |                       |                        | 570           | 541                         | 29                   |              |                                |
| <b>TOTALS Tarpaulins</b>   |              | <b>1,735</b>   |                       |                        |               | <b>3,797</b>                | <b>2,235</b>         | <b>1,562</b> |                                |
| Tents                      | Santo        | 290  | 1                     | 290                    |               | 290                         | 290                  | 0            |                                |
|                            |              |  |                       |                        | DFAT          | 260                         | 260                  | 0            |                                |
|                            |              |  |                       |                        | Chinese Assoc | 30                          | 30                   | 0            |                                |
| <b>TOTAL Tents</b>         |              | <b>290</b>   |                       |                        |               | <b>290</b>                  | <b>290</b>           | <b>0</b>     |                                |
| Kitchen sets               | Santo        | 1,420  | 1                     | 1,420                  |               | 2,693                       | 955                  | 1,738        |                                |
|                            |              |  |                       |                        | World Vision  | 293                         | 0                    | 293          |                                |
|                            |              |  |                       |                        | DFAT          | 900                         | 900                  | 0            |                                |
|                            |              |  |                       |                        | MFAT          | 700                         | 55                   | 645          |                                |
|                            |              |  |                       |                        | Caritas       | 800                         | 0                    | 800          |                                |
|                            | Pentecost    | 387  | 1                     | 387                    | VRCS          |                             | 351                  | -351         |                                |
|                            | Maewo        | 218  | 1                     | 218                    | VRCS          |                             | 218                  | -218         |                                |
| Penama total               | 605          |  |                       |                        | 570           | 569                         | 1                    |              |                                |
| <b>TOTAL Kitchen Sets</b>  |              | <b>2,025</b>   |                       |                        |               | <b>2,070</b>                | <b>1,524</b>         | <b>546</b>   |                                |
| Solar lights               | Santo        | 1,420  | 1                     | 1,420                  |               |                             | 880                  | -880         |                                |
|                            |              |  |                       |                        | MFAT          | 880                         | 880                  | 0            |                                |
|                            |              |  |                       |                        | World Vision  | 134                         | 0                    | 134          |                                |
|                            | Pentecost    | 387  | 1                     | 387                    |               |                             | 351                  | -351         |                                |
|                            | Maewo        | 218  | 1                     | 218                    | VRCS          |                             | 218                  | -218         |                                |
| Penama total               | 605          |  |                       |                        | 570           | 569                         | 1                    |              |                                |
| <b>TOTAL Solar lights</b>  |              | <b>2,025</b>   |                       |                        |               | <b>1,584</b>                | <b>1,449</b>         | <b>135</b>   |                                |
| Mosquito nets              | Santo        | 1,420  | 2                     | 2,840                  | MOH           | 2000                        | 0                    | 2,000        | Distributed by Health Cluster? |
|                            | Pentecost    | 387  | 2                     | 774                    | VRCS          |                             | 351                  | -351         |                                |
|                            | Maewo        | 218  | 2                     | 436                    | VRCS          |                             | 218                  | -218         |                                |
|                            | Penama total | 605  |                       |                        |               | 569                         | 569                  | 0            |                                |
| <b>TOTAL Mosquito nets</b> |              | <b>2,025</b>   |                       |                        |               | <b>2,569</b>                | <b>569</b>           | <b>2,000</b> |                                |
| Blankets                   | Santo        | 1,420  | 2                     | 2,840                  |               | 3290                        | 1,789                | 1,501        |                                |
|                            |              |  |                       |                        | World Vision  | 1030                        | 429                  | 601          |                                |
|                            |              |  |                       |                        | Caritas       | 900                         | 0                    | 900          |                                |
|                            |              |  |                       |                        | VRCS          | 160                         | 160                  | 0            |                                |
|                            |              |  |                       |                        | JICA          | 1200                        | 1,200                | 0            |                                |
|                            | Pentecost    | 387  | 2                     | 774                    | VRCS          |                             | 351                  | -351         |                                |
|                            | Maewo        | 218  | 2                     | 436                    | VRCS          |                             | 138                  | -138         |                                |
| Penama total               | 605          |  |                       |                        | 489           | 489                         | 0                    |              |                                |
| <b>TOTAL Blankets</b>      |              | <b>2,025</b>   |                       |                        |               | <b>3,779</b>                | <b>2,278</b>         | <b>1,501</b> |                                |
| Sleeping mat               | Sanma        | 1,420  | 2                     | 2,840                  |               | 80                          | 80                   | 0            | Need to verify who distributed |
|                            |              |  |                       |                        | VRCS          | 80                          | 80                   | 0            |                                |
|                            | Pentecost    | 387  | 2                     | 774                    | VRCS          |                             | 700                  |              |                                |
|                            | Maewo        | 218  | 2                     | 436                    | VRCS          |                             | 225                  |              |                                |
| Penama total               | 605          |  |                       |                        | 1,560         | 925                         | 635                  |              |                                |
| <b>TOTAL Sleeping mats</b> |              | <b>2,025</b>   |                       |                        |               | <b>1,640</b>                | <b>1,005</b>         | <b>635</b>   |                                |

**Annex 3: Distribution by evacuation centre and camps – in Santo only**

| Camp                              | Tarpaulin    | Blanket    | Kitchen set | Solar light |
|-----------------------------------|--------------|------------|-------------|-------------|
| Alfred Garae, Show Ground         | 15           | 0          | 15          | 15          |
| Amon Resident                     | 5            | 11         | 5           | 0           |
| Anglican Chapuis                  | 10           | 10         | 10          | 0           |
| Anglican Church Chapui            | 0            | 0          | 0           | 37          |
| Anglican Church Sarakata          | 82           | 0          | 82          | 99          |
| Aoc Jubilee Farm                  | 41           | 0          | 12          | 41          |
| Apostolic Church Luganville       | 38           | 0          | 38          | 38          |
| Apostolic Church, Banban          | 0            | 1          | 10          | 2           |
| Bahai Center                      | 5            | 10         | 5           | 0           |
| Bahai Center Sarakata             | 0            | 14         | 1           | 14          |
| Banban Bush Church Of Christ      | 6            | 6          | 6           | 6           |
| Baptis Church Chapui              | 42           | 42         | 42          | 42          |
| Baptis Church Chapui              | 4            | 0          | 4           | 4           |
| Bombua Church Of Christ           | 3            | 10         | 6           | 2           |
| Bombua Pst Harry Tura             | 0            | 16         | 16          | 16          |
| BP Bon                            | 10           | 60         | 10          | 0           |
| Camp David                        | 10           | 20         | 10          | 0           |
| Chatholic Church Chapui           | 5            | 10         | 36          | 30          |
| Church Of Christ Banban Bush      | 10           | 0          | 4           | 4           |
| Cmc Chapuis                       | 5            | 10         | 5           | 0           |
| Harol Vire Banban Bush            | 1            | 10         | 2           | 1           |
| Kamewa                            | 10           | 40         |             | 0           |
| Kingdom Center Banban             | 2            | 10         | 4           | 1           |
| Lopelope                          | 2            | 1          | 10          | 3           |
| Mango Area Anglican               | 5            | 20         | 5           | 0           |
| Minister Gaetan Nakamal           | 5            | 11         | 5           | 0           |
| Minister Pikion Chapui            | 0            | 0          | 20          | 20          |
| Mormon Church                     | 5            | 10         | 5           | 0           |
| NCYC                              | 5            | 10         | 5           | 0           |
| Pastor Frank Luke, Banban Seaside | 1            | 10         | 4           | 1           |
| Presbyterian Banban               | 10           | 20         | 5           | 0           |
| Presbyterian Chapuis              | 5            | 11         | 8           | 0           |
| Reachel Resident Bombua           | 11           | 11         | 11          | 11          |
| Rohani Sda Chapui                 | 0            | 0          | 18          | 18          |
| Santo Vinia Banban                | 2            | 10         | 10          | 1           |
| Sarakata Anglican                 | 40           | 40         | 61          | 0           |
| Sarakata Presbyterian             | 5            | 11         | 5           | 0           |
| Sarakata Sda                      | 10           | 40         | 5           | 0           |
| SDA Chapui                        | 5            | 20         | 10          | 0           |
| SDA Solway                        | 7            | 0          | 7           | 7           |
| Solomon Hill                      | 5            | 11         | 5           | 0           |
| St Michel School                  | 0            | 32         | 32          | 32          |
| St Teres                          | 54           | 0          | 54          | 54          |
| Vcf Church Chapuis                | 1            | 10         | 10          | 5           |
| Zion Church Banban                | 2            | 10         | 4           | 1           |
| <b>Evacuation centre subtotal</b> | <b>484</b>   | <b>568</b> | <b>622</b>  | <b>505</b>  |
| CAMP 1 Chapui Stadium             | 642          | 283        | 314         | 321         |
| CAMP 2 Chiefs Nakamal             | 72           | 72         | 36          | 72          |
| <b>Camp subtotal</b>              | <b>714</b>   | <b>355</b> | <b>350</b>  | <b>393</b>  |
| <b>Grand total</b>                | <b>1,198</b> | <b>923</b> | <b>972</b>  | <b>898</b>  |