

National Emergency Telecommunications Plan (NETP)

The Four Phases of a Disaster

i. Preparation: Helping people to understand the need to prepare for disasters

ii. Alerting: Alerting people to impending disasters

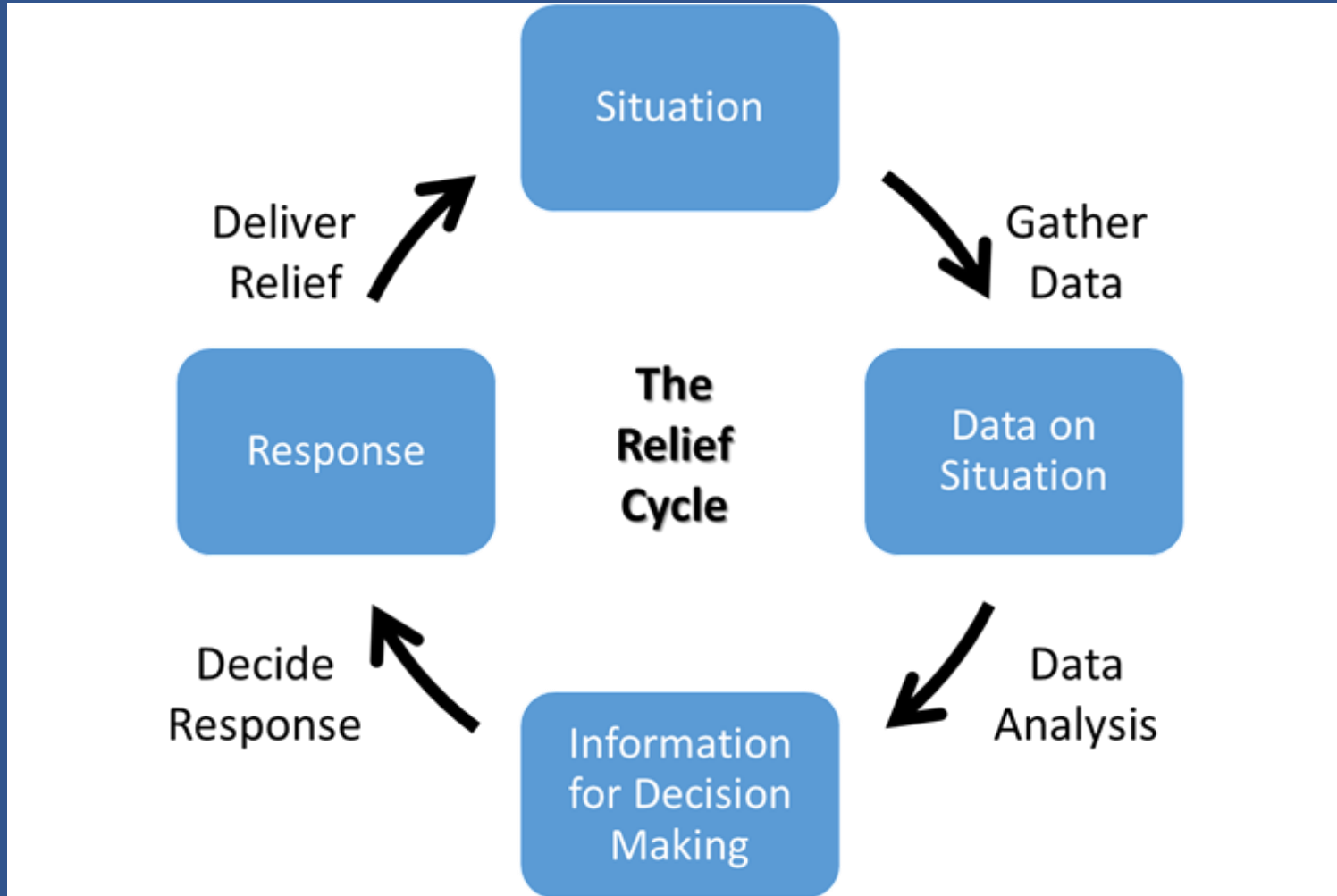
-----THE EVENT-----

iii. Response: Helping people & agencies to respond to a disaster

iv. Recovery: Helping people recover after a disaster

ICT can help with all four of these phases.

Typical Activities in Each Phase



ICT use in Activities

Activity	Examples of the use of ICT
Gather Data	<ul style="list-style-type: none">● Computer-based questionnaires to gather structured data● Communications to get data back to base
Data Analysis	<ul style="list-style-type: none">● Data-mining tools to convert this data into information suitable for decision making
Decide Response	<ul style="list-style-type: none">● Decision support tools to assist in allocating resources
Deliver Relief	<ul style="list-style-type: none">● Communications and database tools for managing logistics● Communications tools for disaster relief teams

ICT In the Preparation and Alerting Phases

- Preparation Phase:
 - Communications tools to:
 - Keep Head Offices and field staff in touch with each other;
 - Control and manage the safety of teams in the field;
 - Computer-based tools to:
 - Gather and store information on disaster preparedness;
 - Prepare (and test) plans for response to natural disasters;
- Alerting Phase:
 - Communications tools to:
 - Provide warnings to the populations of cyclones, tsunamis and similar (predictable) events.
 - Gather information about what is happening in the field

ICT in the Response and Recovery Phases

- Response Phase:

- Communications tools to:

- Convey information from the field to manage the response;
 - Control and manage the safety of teams in the field;

- Computer-based tools to

- Gather, store and analyse information on the effects of the disaster;
 - Assist in managing the response.

NOTE: Commercial services may not be available during the Response Phase

- Recovery Phase:

- Tools as above but commercial services may now be available again

Role Of NETP

Provide, in one place, a summary of how a Government plans to use ICT facilities to prepare for, warn of, respond to and recover from a disaster or emergency.

- Samoa has an NETP;
- Vanuatu is actively working on an NETP; and
- Solomon Islands & Tonga have expressed interest in having an NETP

Content of the Samoan NETP

- **Executive Summary** to give a high-level overview of the plan;
- **Introduction** to describe the purpose, scope and organisation of the plan and how it relates to other emergency/disaster-related plans;
- **Objectives** of the plan;
- **Implementation** aspects; and
- **Detailed Information** on how ICT will be employed in preparation and response.

Further detailed information is included in Appendices to the plan

This Project

- Funded by the World Bank
- Managed by the Pacific ICT Regional Regulatory Centre (PIRRC)
- Aimed at assisting Participating Countries* to put together their own National Emergency Telecommunications Plan

* Federated States of Micronesia, Kiribati, Marshall Islands, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu and Vanuatu.