



SYSTÈME NATIONAL DE GESTION
DES RISQUES ET DES DÉSASTRES
MINISTÈRE DE L'INTÉRIEUR
ET DES COLLECTIVITÉS TERRITORIALES
DIRECTION DE LA PROTECTION CIVILE

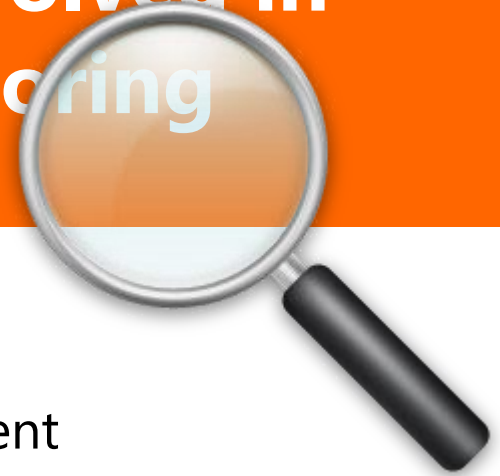
**HANDICAP
INTERNATIONAL**



Local and Inclusive Early Warning System Haitian experience



Some organizations involved in multi-hazards monitoring



C S

Hydrometeorological hazards

Ministry of Agriculture, Natural Resources and Rural Development

National Meteorological Center

V

Drought

Ministry of Agriculture, Natural Resources and Rural Development

Epidemics

Ministry of Public Health and Population...

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Earthquake

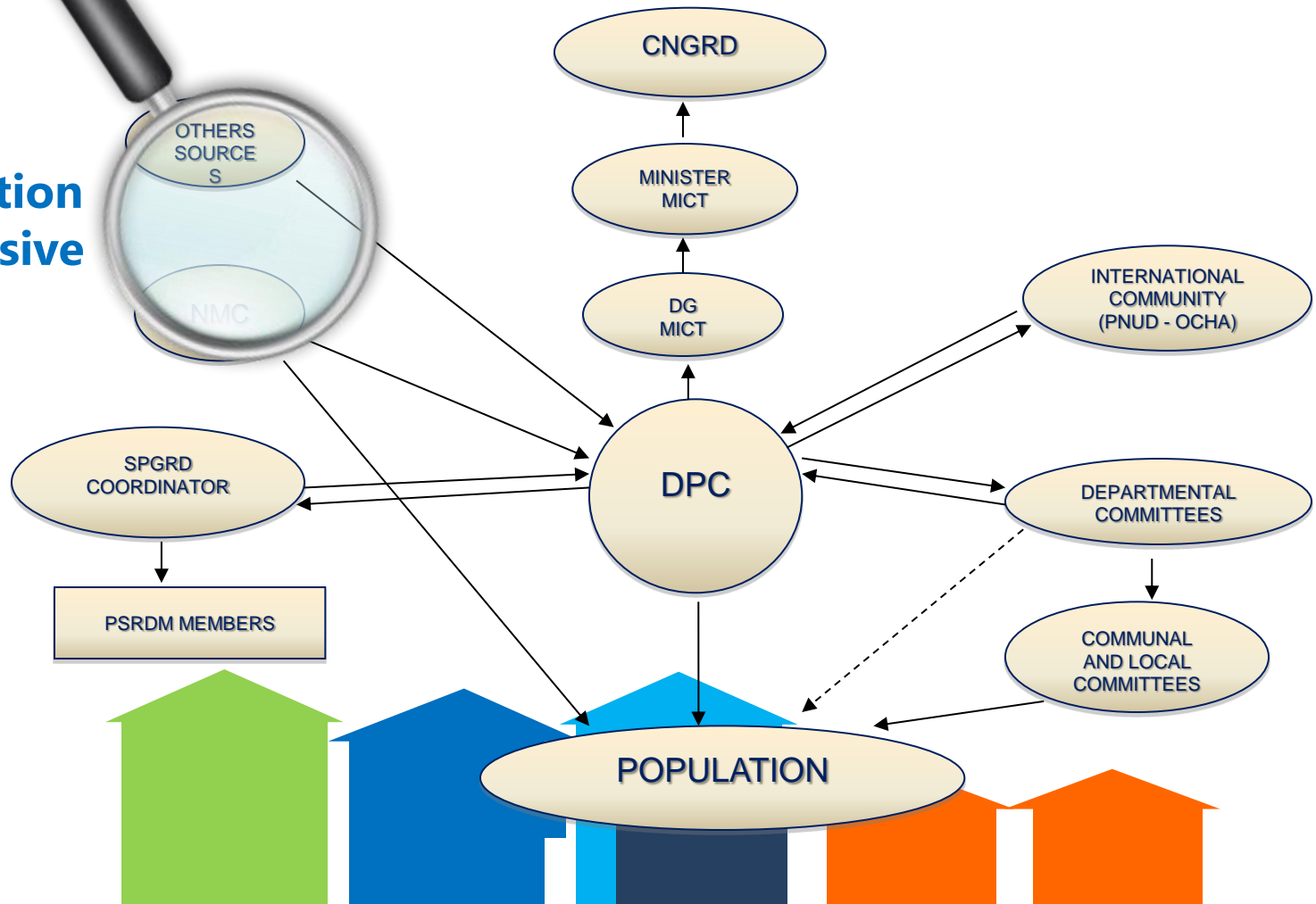
Ministry of Public Works, Transportation, Communications and Energy

Office of Mines and Energy | Seismology Technical Unit



Communication chain

**Diagram of
communication
for progressive
and sudden
events**



Directorate of Civil Protection

Dissemination and communication



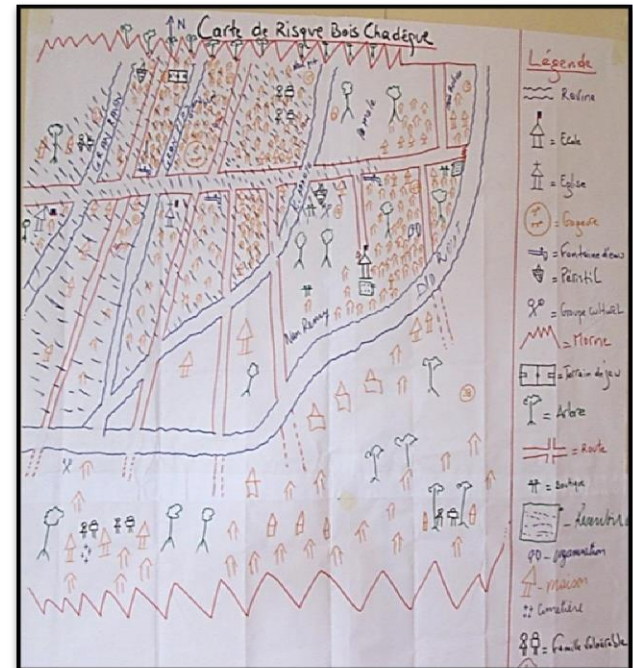


The LIEWS, integral part of community preparedness

Step ①

Better knowledge of risk

- Vulnerability and Capacity Assessment (active participation of vulnerable groups) ;
- Hazards knowledge : manifestations and warning signs (Ex. Floods : river water colour turning muddy, overflowing, odours...



Risk Map of Bois Chadèque





The LIEWS, integral part of community preparedness

Step ②

Implementation of the local monitoring and warning procedures

- Monitoring procedures for each identified hazard ;
- Setting of local warning levels ;
- Installation of suitable equipment ;
- Establishment of the early warning communication chain ;
- Selection and diversification of warning messages and information channels accessible to all people including persons with disabilities.





The LIEWS, integral part of community preparedness

Step ③

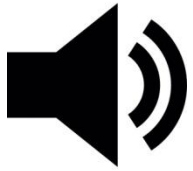
Development of a channels-adapted communication system enabled to improve access to information for the entire community

- Population census and identification of vulnerable groups
- Identification of people with special needs, including evacuation special needs ;
- Identification of relay persons for the most vulnerable families ;





The LIEWS, integral part of community preparedness





The LIEWS, integral part of community preparedness

Step ④

Enhancement of existing family and community response capability

- Communication and awareness campaign ;
- Promotion of the local Early Warning System ;
- Support to the most vulnerable families in making their **Family Emergency Plan**
- SIMEX





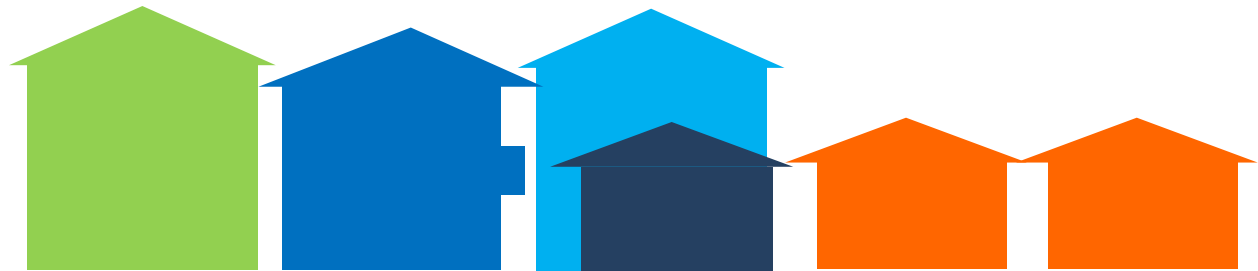
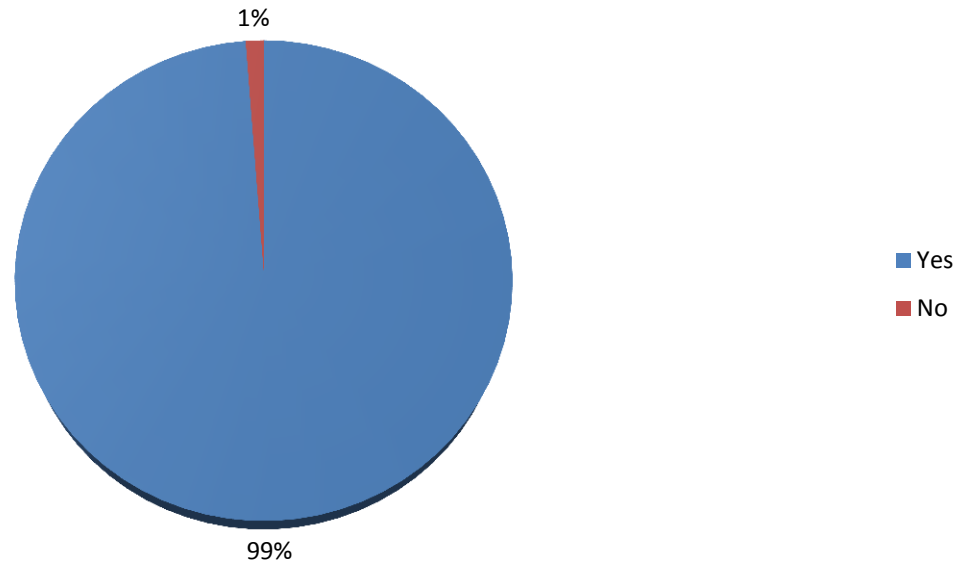
Where was the LIEWS applied ?

7 communes of 2 departments (South-East and West), **especially 13 communal sections**, have already developed a local and inclusive Early Warning System. The process was tested with simulation exercises and, at full-scale, during the passage of tropical storm Erika.

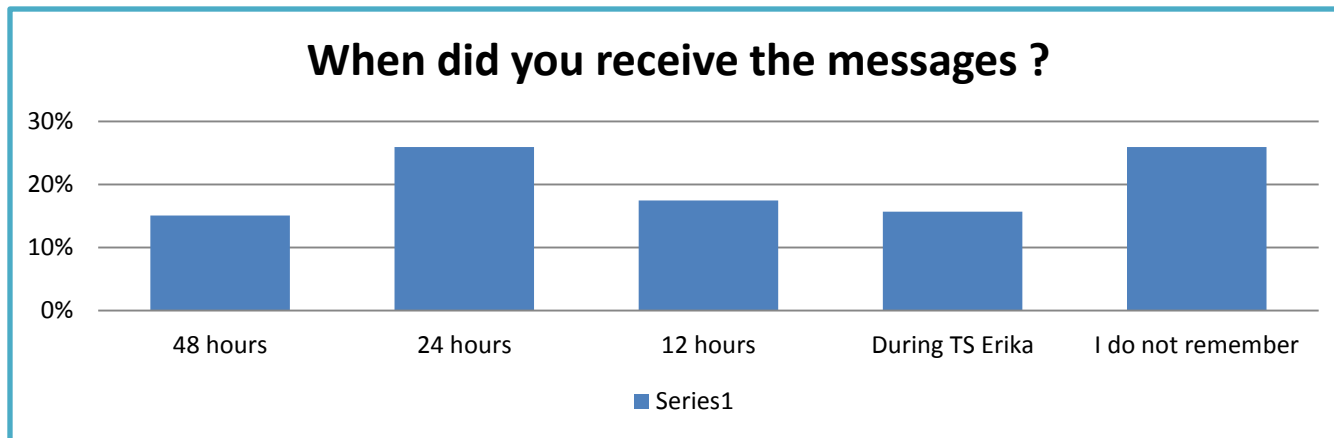


Survey conducted short after Tropical Storm Erika

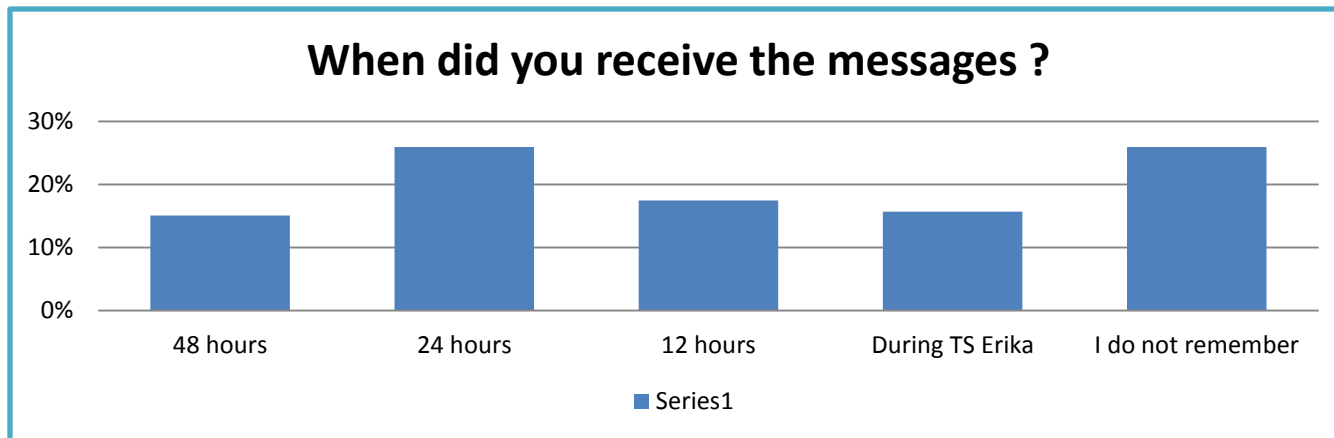
Did you receive warning messages ?



Survey conducted short after Tropical Storm Erika

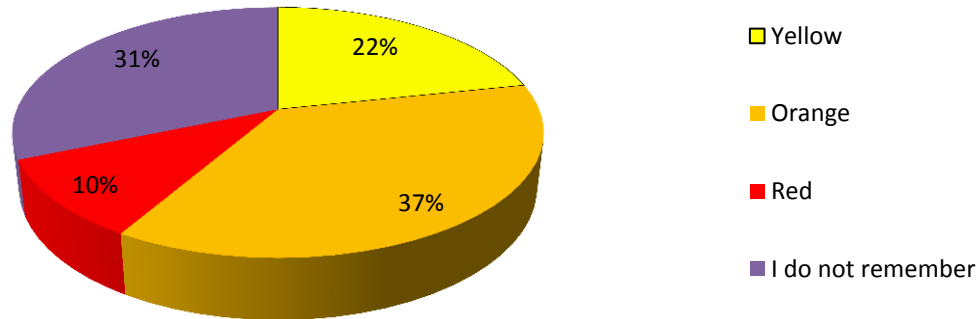


Survey conducted short after Tropical Storm Erika



Survey conducted short after Tropical Storm Erika

Which alert did you receive ?



Survey conducted short after Tropical Storm Erika

Other questions where about :

- The sources (how did you receive the warning ?)
- The families' response ;
- Their understanding of messages and instructions ;
- Accompaniment of families ;
- Etc.





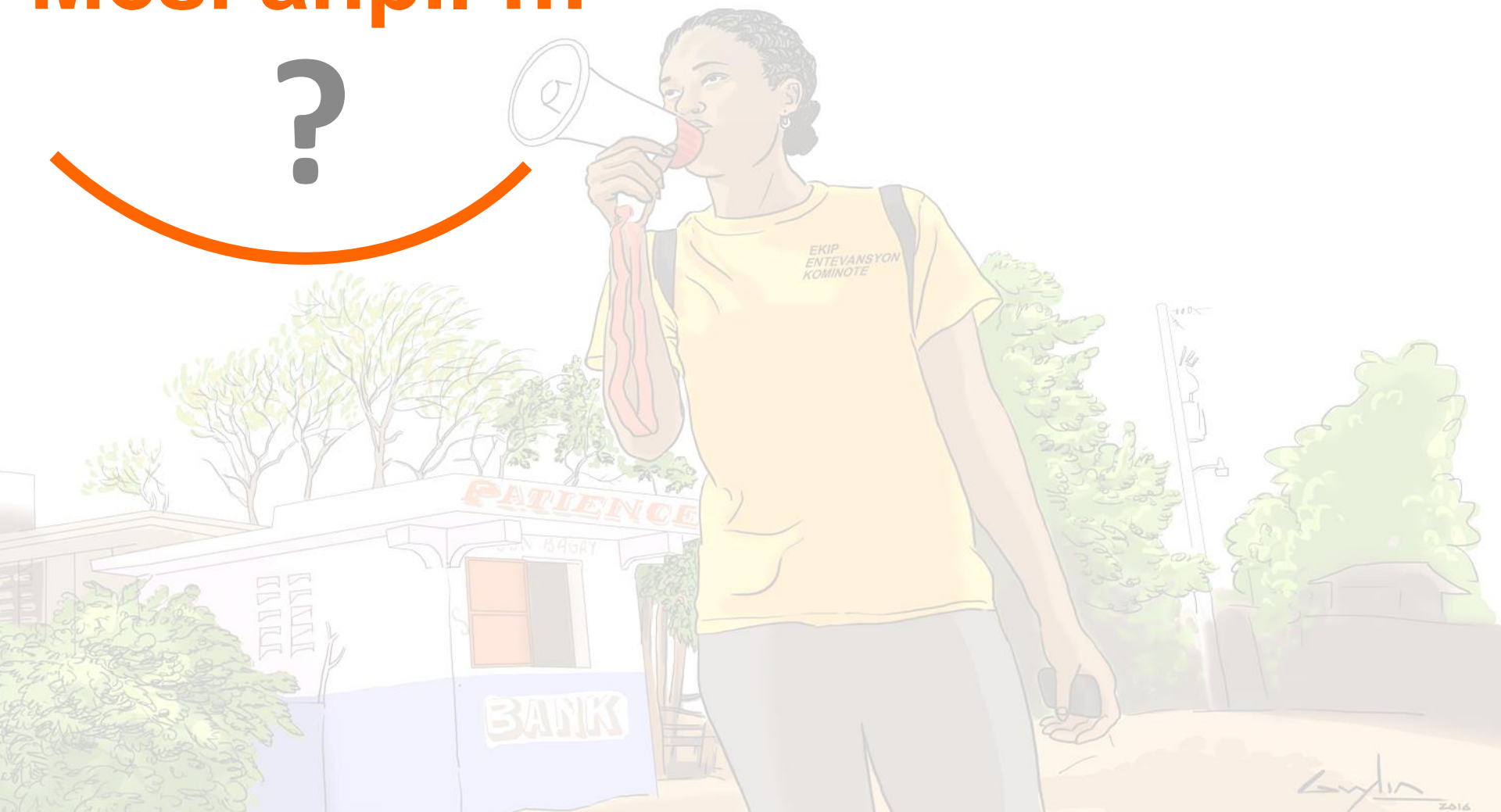
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Mèsi anpil !!!

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Gylin
2016