

Community Networks Knowledge for Disaster Relief Lessons learned from 2017 earthquake in Mexico

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When disaster happens ...

It is when you discover your preparedness level

It is the stress testing day of infrastructure and capabilities

... but not everything can be foreseen, there is always something missing ...



9 – SEP – 2017 2 Large simultaneous earthquakes hit Mexico City Nearly 200 fallen buildings

Needs

- Communication
 - Voice infrastructure failed
 - Data was ok
- Coordination
 - Army + civil society + volunteers + local government
 - Provide first response
- Location of disaster areas
- Recover efforts
- Rebuild efforts



Key solutions from CNs

Resource wise

Lightweight

Fast deployment

Low maintenance

Limited resources

Hard access areas

Top engineering solutions for low tech environments

Development of local capabilities

Hard access areas



Some solutions



- Compiled census
- Designed a all-in-a-box WIFI Solution
- Deployed at shelters (same rural conditions)
- Provided advise on wise-use of the Internet
- Part of V19s SM efforts
- Gathered volunteers from telecom operators