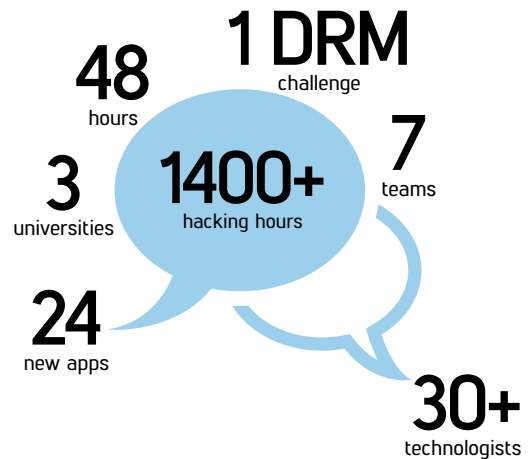# Code for Resilience
Bridging communities for disaster resilience

2014 Events | Bangladesh | **Haiti** | India | Indonesia | Japan
Pakistan | Philippines | Vietnam

Haiti

48 hours
1 DRM challenge
3 universities
1400+ hacking hours
7 teams
24 new apps
30+ technologists

Hosting Partner Haiti Department of Civil Protection

Code for Resilience Haiti
Konbit Teknolojik pou Rezilyans

Country at a Glance

Haiti is highly exposed to multiple natural hazards and 96% of its population lives at risk. The 7.0 magnitude earthquake that hit Haiti in January 2010 killed up to 230,000 people, and caused an estimated US$8 billion—or 120% of the country's GDP—in damages and losses.

To prepare for natural disasters Haiti must have the relevant data available for prompt assessments and response. Much of Haiti's disaster risk data, however, is available only in hard copy, making it difficult for the Department of Civil Protection (DPC) to produce reports in the timeframe needed to support the rapid decision-making in disaster situations. Coders were asked to prototype a workflow that will digitize the processes.

Konbit Teknolojik pou Rezilyans— Code for Resilience Haiti

Following a two-day hackathon in Port-au-Prince in April 2014, coders were encouraged to continue developing their ideas into mature applications during a mentor-supported, three-month "hack at home" period. Premium!, profiled at right, is one of the apps that resulted from this extended engagement. The Premium! team will continue working with a Code for Resilience mentor, the local government, and other tech organizations in Haiti on further development and use of the app.

A Way Forward—CfR Fellowship Program

Building on the momentum established in 2014 through 10 hackathon events in 8 countries that engaged over 1,000 participants, this year Code for Resilience will introduce fellowship opportunities to promote the use of open data and build a sustained community of open source software developers for collecting, analyzing, sharing, and improving risk data for better decision-making.

Tool in Focus

> **Premium!** Premium! is a web application designed to increase the availability of real-time information for decision-making by automating the processing and analysis of data in Haiti's Emergency Operations Centers (EOC). The developers hope to add functionality that will allow information to be collected and shared via text messaging, and use social networks to share time sensitive information with the public.

ⓘ **Browse the full catalogue of tools at** http://www.codeforresilience.org

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Code for Resilience Haiti was led by **Haiti Department of Civil Protection** (Direction de la Protection Civile).

The competition emerged from the recognition that the rapid increase of penetration, awareness, and literacy in information and communication technologies (ICTs) in the developing world can help address development challenges such as disaster risk management.

ⓘ For additional information contact Dr. Keiko Saito **ksaito2@worldbank.org** or Angela Wyan **awyan@worldbank.org**

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