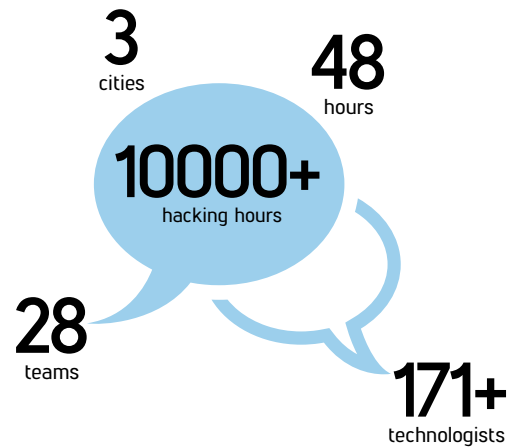


Code for Resilience

Bridging communities for disaster resilience

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



Japan

Hosting Partner **Race for Resilience Action Committee**

Race for Resilience

Country at a Glance & Race for Resilience 2014 Japan

Situated along the Pacific Ring of Fire, Japan is frequently affected by many natural hazards including earthquakes, tsunamis, and typhoons. The 2014 Race for Resilience hackathon provided a unique opportunity to engage the active Japanese information and communications technology (ICT) community in raising awareness of disaster risk management (DRM) issues in developing countries. Expats from developing countries provided local knowledge to participants, who then prototyped DRM-relevant apps. These apps were designed for specific developing countries based on the participants' knowledge of ICT needs for disaster resilience.

A Way Forward

CfR encourages participants to continue developing their ideas into mature applications. In Japan, many of the teams had already developed prototypes through prior events, which were repurposed for CfR 2014. Some applications were tested in developing countries subsequent to the event (see right column). Moving forward, CfR, through the World Bank DRM Tokyo Hub, will continue to facilitate knowledge transfer between teams from the Asia region and beyond, while introducing new technologies from Japan such as the Hodoyoshi micro satellite.

Tool in Focus

> **Nigechizu** (Community based evacuation mapping) – A project concept developed by young Japanese architects in their spare time, this app provides maps that include the path of past tsunamis and suggests safe locations for shelter in the event of a disaster.

<http://www.nigechizuproject.com/>

> **Save the Baby!** This application focuses on providing critical maternal, newborn, and child health information in time-sensitive settings such as combating post-disaster disease outbreaks.

Save the Baby went on to win the MIT Climate Lab Code Sprint, and currently is being tested for implementation in the Philippines.

<http://mlabo.net/2014/09/5441/>

Browse the full catalogue of tools at
<http://www.codeforresilience.org>



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The Race for Resilience hackathon was led by the **Race for Resilience Action Committee**, a civil society group created to foster a local developer community to forward innovation in disaster resilience.

The 2014 hackathon 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.

Japan



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