PDC | GLOBAL

Powered by DisasterAWARE®

Hazard Monitoring, Early Warning, and Decision Support Solutions

Better solutions.
Fewer disasters.
Safer world.

Monitor and assess hazard impacts and coordinate response strategies.

Receive early warning alerts for hazards as they unfold around the globe.

Exercise preparedness and plan for future threats using a vast inventory of authoritative data and modeling tools.
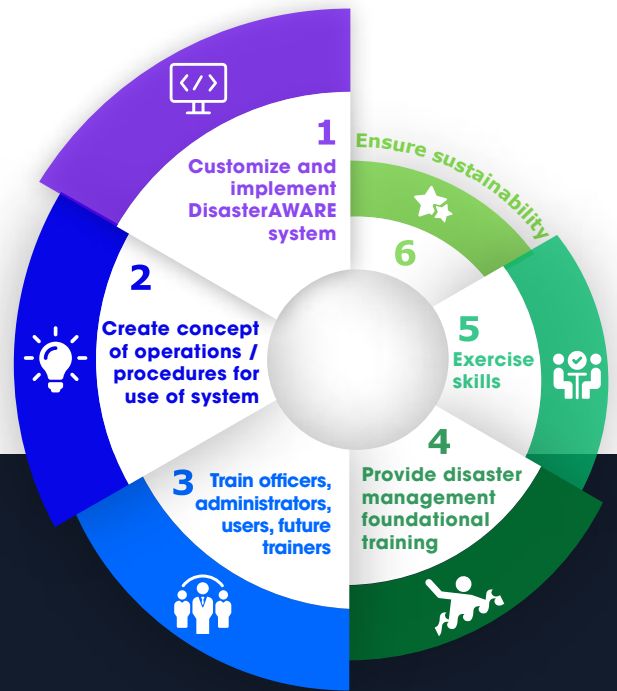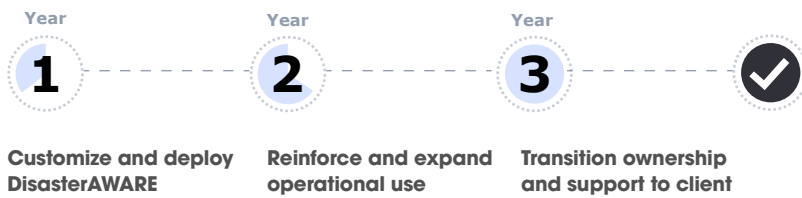
Disaster AWARE®

CUSTOM SOLUTIONS

DisasterAWARE is a highly advanced decision support system used operationally by thousands of disaster managers and humanitarian assistance practitioners around the globe for disaster risk reduction planning, preparedness, response, and recovery. It is helping to protect millions of lives worldwide—giving decision makers the insights they need to alleviate human suffering and avert long-term economic setbacks from natural disasters.

Make better decisions, faster.

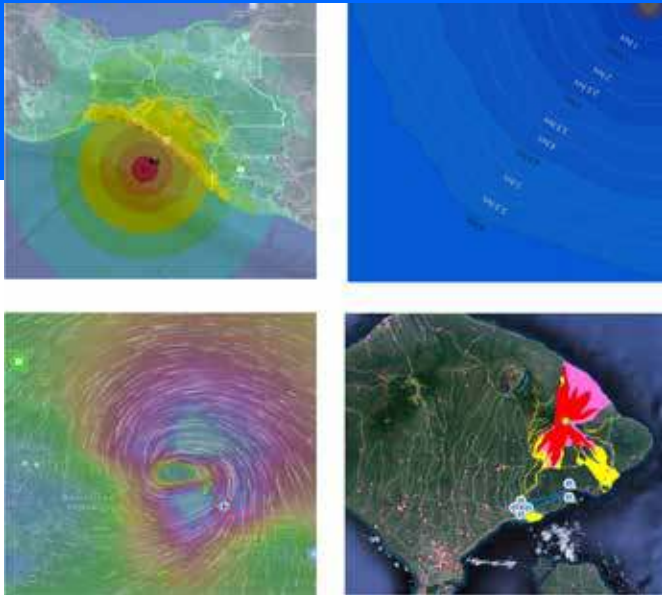## We build more than great technology.
We build long-term capacity.

Year **1** — Customize and deploy DisasterAWARE

Year **2** — Reinforce and expand operational use

Year **3** — Transition ownership and support to client

Capacity building cycle

1. Customize and implement DisasterAWARE system
2. Create concept of operations / procedures for use of system
3. Train officers, administrators, users, future trainers
4. Provide disaster management foundational training
5. Exercise skills
6. Ensure sustainability

Next generation technology . . .
to protect the next generation

- Early warning
- Multi-hazard monitoring
- Impact modeling
- Hazard exposure analysis
- Risk and vulnerability analysis
- Damage and needs assessment
- Largest scientific data inventory
- Mobile updates and communications
- Response planning and analysis
- Preparedness exercises
- Development planning (build-back-better)
- Analytics and reporting

DisasterAWARE
HIGHLIGHTS

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ADVANCED HAZARD IMPACT MODELING

1000+
GLOBAL AND NATIONAL DATA LAYERS
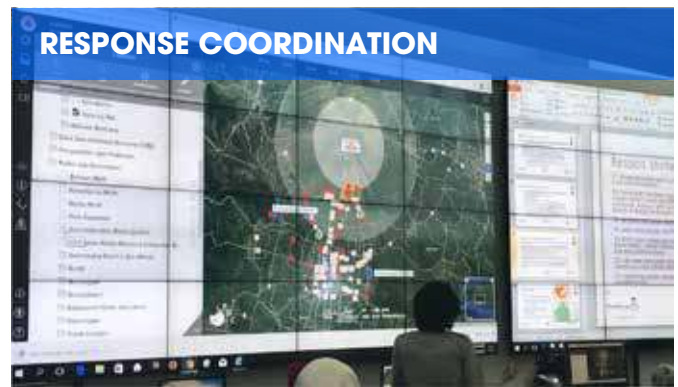
ROBUST SITUATIONAL ANALYSIS REPORTS

Potential population exposure based on mapped flooded areas as of 25 March 2019

535,000 people exposed to flooding
125,000 households exposed to flooding

55% adults 15-64 yrs   2% elderly >65 yrs   43% children <15 yrs

104,000   31%   81%   431,000 total

Breakdown of potential needs

1.1 billion liters per day
1.6 million liters of water per day
54,000 metric tons of food
1.8 million square meters of shelter

Total Capital Exposure   **$818 million**

PLANNING & EXERCISES

18 HAZARDS
MONITORED WORLDWIDE

Avalanche   Biomedical   Cyclone   Drought   Earthquake   Extreme Temperature   Flood   High Surf   High Wind

Landslide   Man Made   Marine   Storm   Tornado   Tsunami   Volcano   Wildfire   Winter Storm
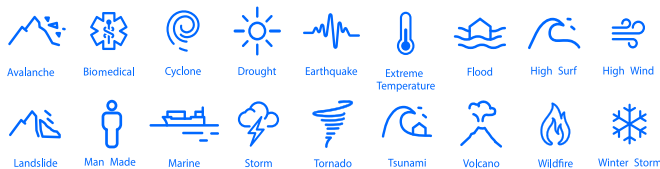
DETAILED RISK INFORMATION

Global system
Regional system
National system

Custom systems our partners use

InAWARE
GOVERNMENT OF INDONESIA

DMRS
REGIONAL SYSTEM FOR ASSOCIATION OF SOUTHEAST ASIAN NATIONS (ASEAN)

VinAWARE
GOVERNMENT OF VIET NAM

NATIONAL PLATFORM FOR GOVERNMENT OF MYANMAR

PhilAWARE
GOVERNMENT OF PHILIPPINES

G-BSP
UNITED STATES GOVERNMENT

DisasterAWARE NDWC
GOVERNMENT OF THAILAND

USAID FROM THE AMERICAN PEOPLE
USTDA U.S. TRADE AND DEVELOPMENT AGENCY

PROJECTS COMPLETED THROUGH GENEROUS SUPPORT OF THE U.S. GOVERNMENT.

DisasterAWARE USERS
NATIONS AND ORGANIZATIONS AT-A-GLANCE

UNITED NATIONS

WFP

FEMA

European Commission

ARGENTINA
AUSTRALIA
BAHAMAS
BELIZE
CANADA
CHILE
DOMINICAN REPUBLIC
EL SALVADOR
FIJI
GUATEMALA
HONDURAS
JAMAICA
NEPAL
NEW ZEALAND
NICARAGUA
PALAU
PERU
PANAMA
SIERRA LEONE
SINGAPORE
TAIWAN
TONGA
TRINIDAD & TOBAGO
UNITED STATES
VANUATU

MORE…

"
DMRS is the primary hazards and disaster monitoring tool of the AHA Centre. It allows our operational staff to access up-to-date hazard and early warning information from any location, whether at the EOC, or on their mobile devices at home or in the field.

Lawrence Dimailig
AHA Centre's Disaster Monitoring and Analysis Officer
"

"
Thanks to the support of USAID/OFDA and the ongoing efforts of PDC, we have been using InAWARE within our national emergency operations center and I'm confident that InAWARE will truly become the solution for national emergency warning systems throughout all of Indonesia.

Dr. Sutopo Purwo Nugroho
BNPB Head of Data, Information, and Public Relations
"

InAWARE SNAPSHOT

DisasterAWARE was personalized for Indonesia to include language localization, automated local data integration, camera monitoring, social media and crowd-sourced data feeds, and more.
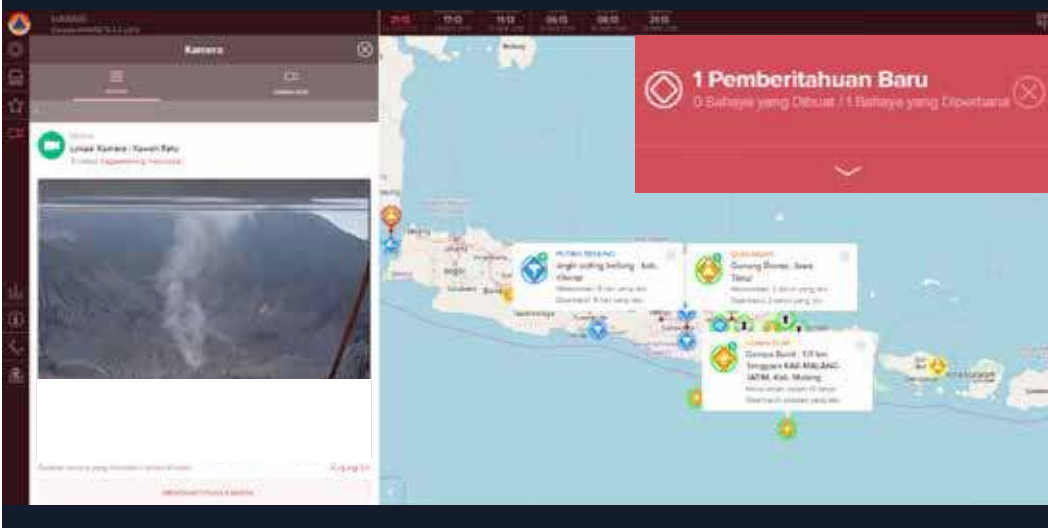
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www.pdc.org

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