

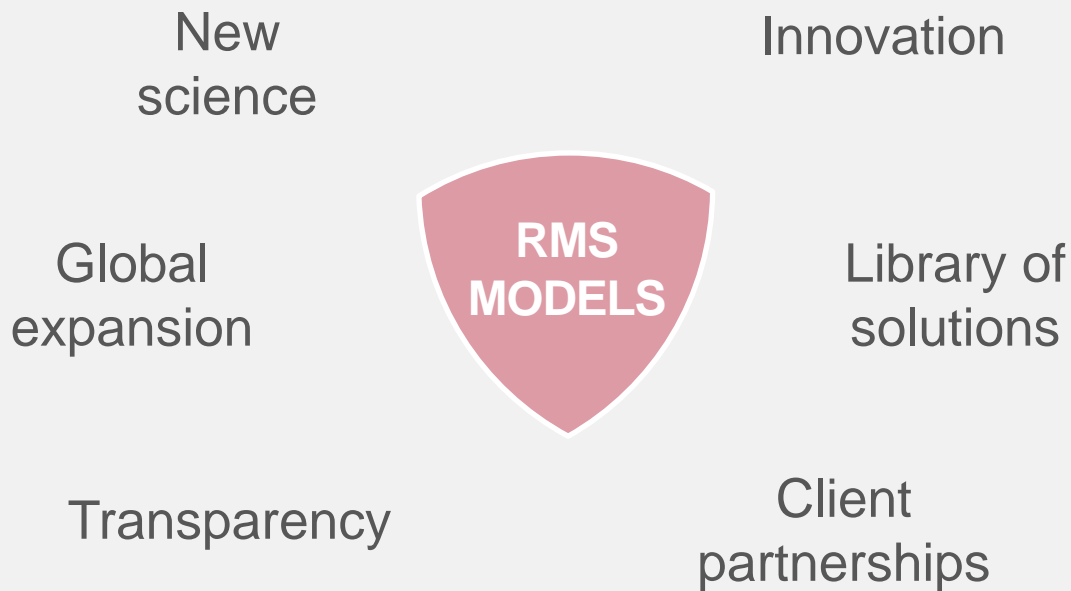


Expanding Model Coverage in Asia: 2014 and Beyond

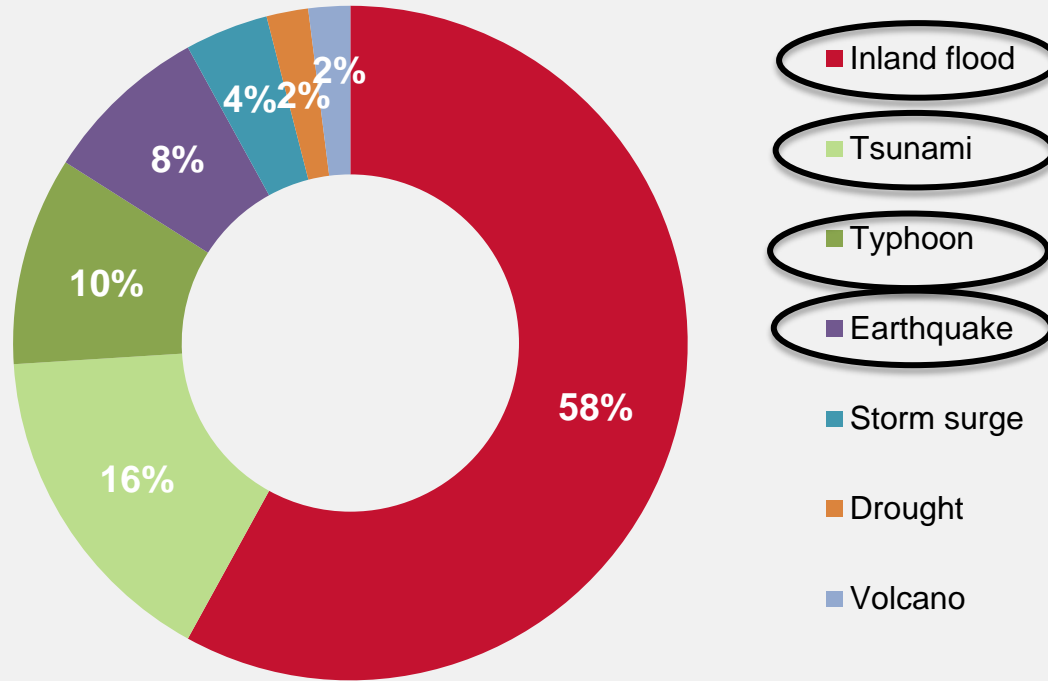
Dr Christine Ziehm
Vice President, Model Product Management



COMMITMENT TO MODEL DEVELOPMENT



PERILS WITH INADEQUATE OR NOT ENOUGH MODELING SOLUTIONS IN ASIA



NEW & UPDATED DATA PRODUCTS AND MODELS

- New Exposure Datasets
- Flood
- Tsunami
- Typhoon
- Earthquake
- Roadmap Timeline

EXPOSURE
DATASETS

UNDERSTANDING EXPOSURE BEGINS WITH RELIABLE INSIGHTS



ECONOMIC EXPOSURE DATABASE

- SQL EDM and MS Access



INDUSTRIAL CLUSTERS CATALOG

- ESRI shapefile format GIS polygons

Platform
independent

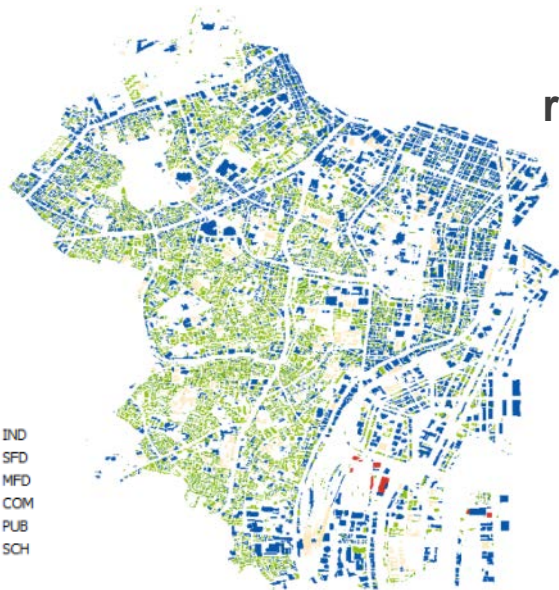
Peril
independent

HIGH-RESOLUTION INDUSTRY EXPOSURE DATABASES IN KEY COUNTRIES **PROVIDE LOCATION LEVEL DETAIL**

Example: High resolution exposure in Japan



- ✓ No. Stories
- ✓ Occupancy
- ✓ Floor Area



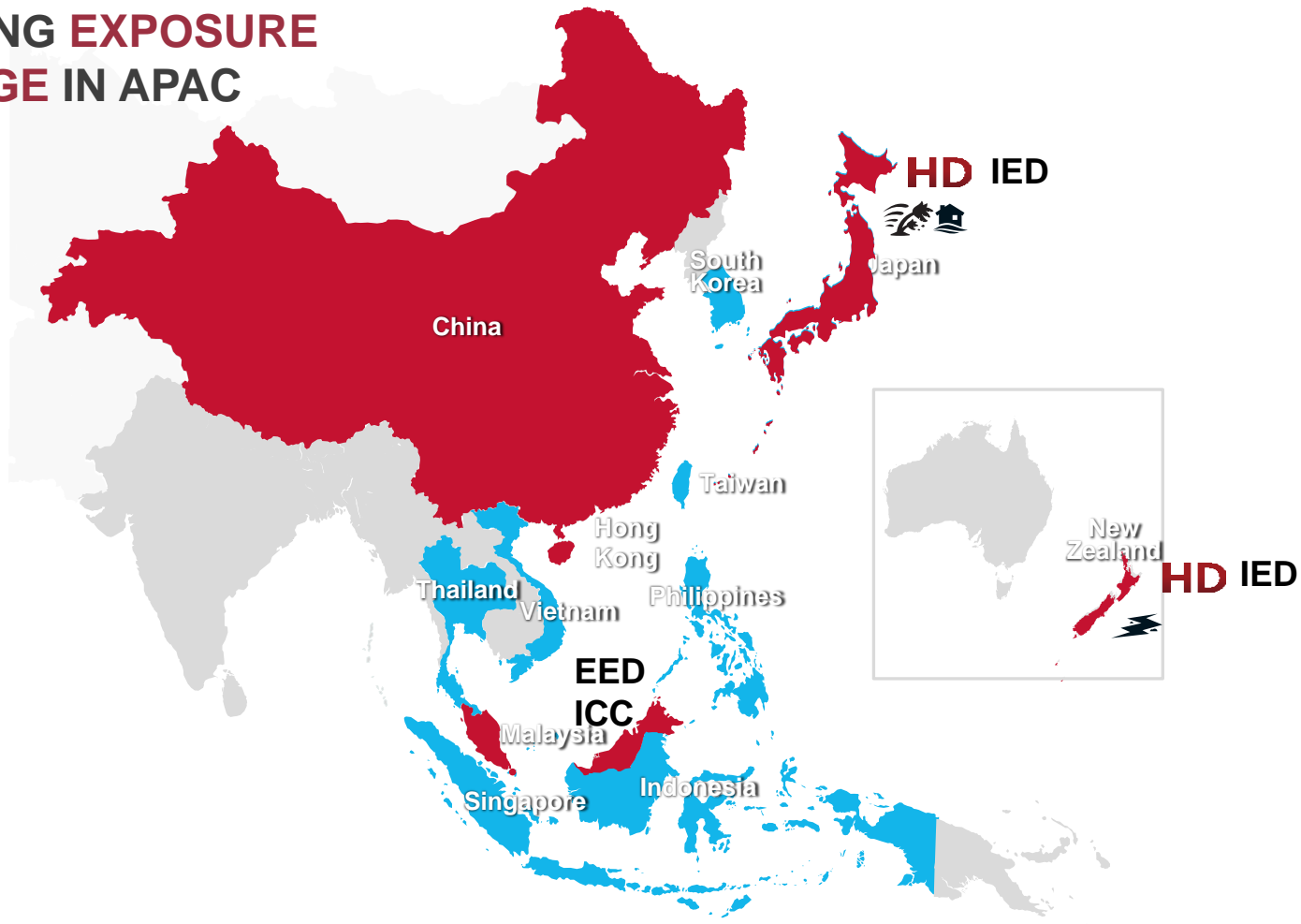
New Zealand

Japan

North America

Europe

EXPANDING EXPOSURE COVERAGE IN APAC

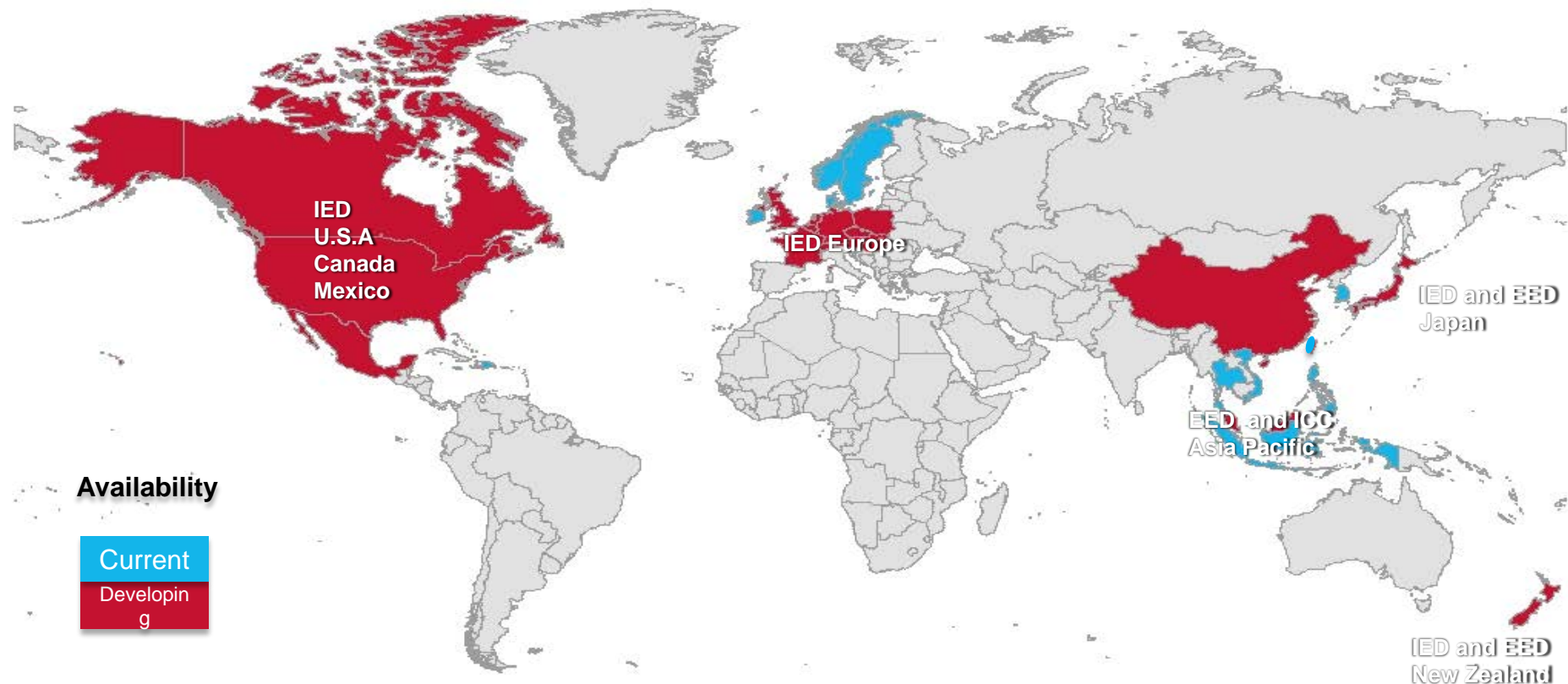


Availability

Current

Developing

ENHANCING AND EXPANDING EXPOSURE COVERAGE ACROSS THE GLOBE



INLAND

FLOOD

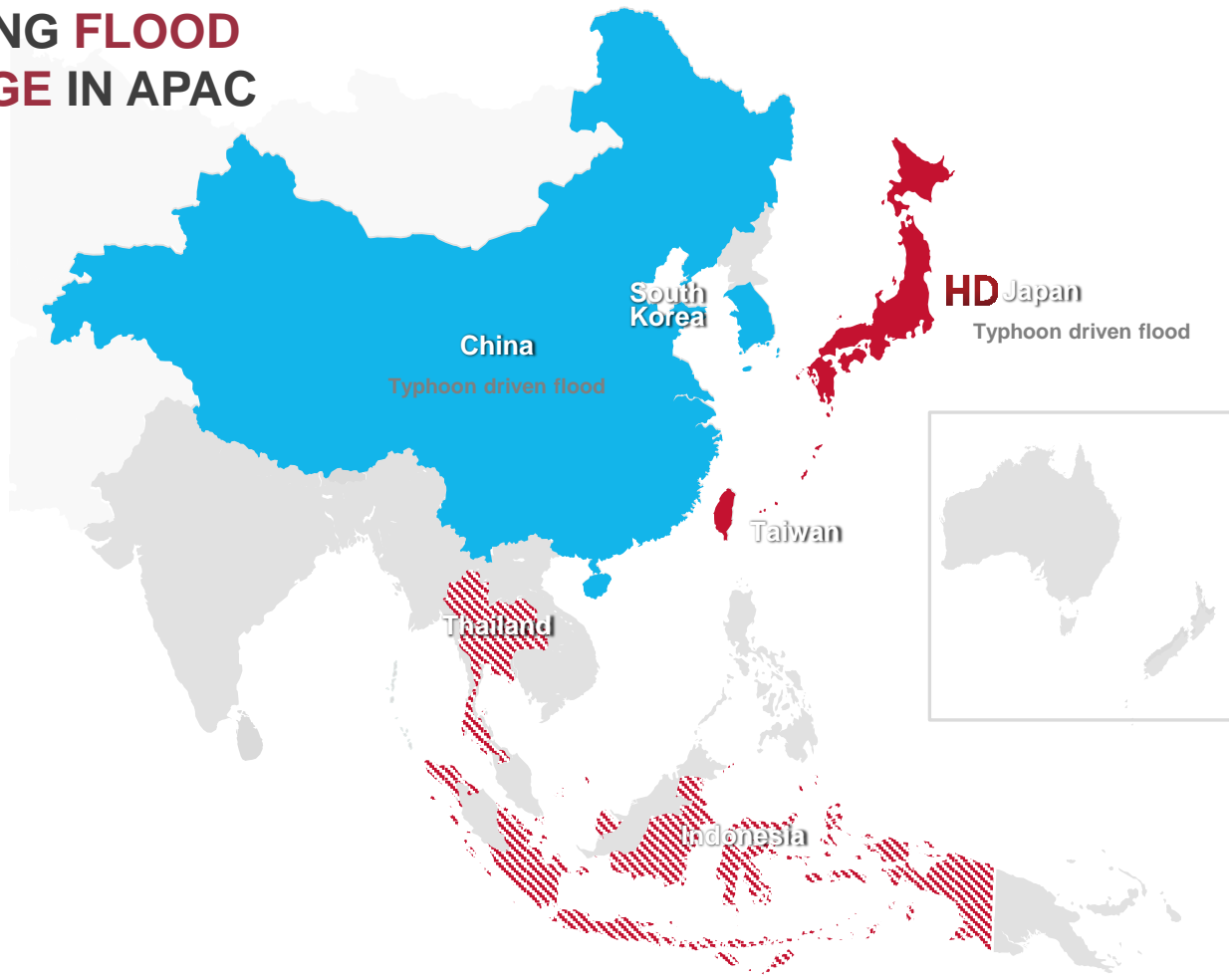
RMS APPROACH TO FLOOD MODELING PROVIDES
USERS A **COMPREHENSIVE AND COMPLETE VIEW OF
RISK**



SOUTH KOREA RETURN PERIOD FLOOD MAPS AND SCENARIOS AVAILABLE AT 30M RESOLUTION



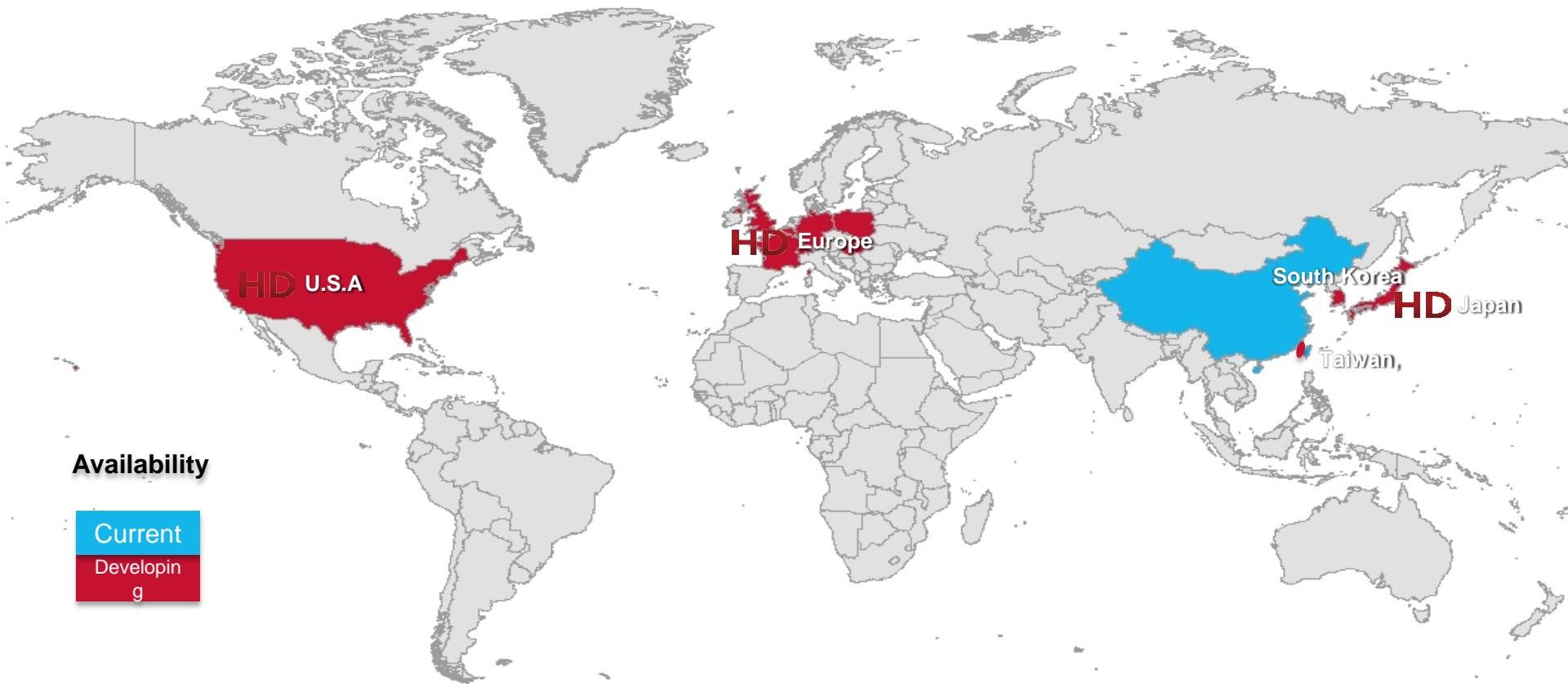
EXPANDING FLOOD COVERAGE IN APAC



Availability



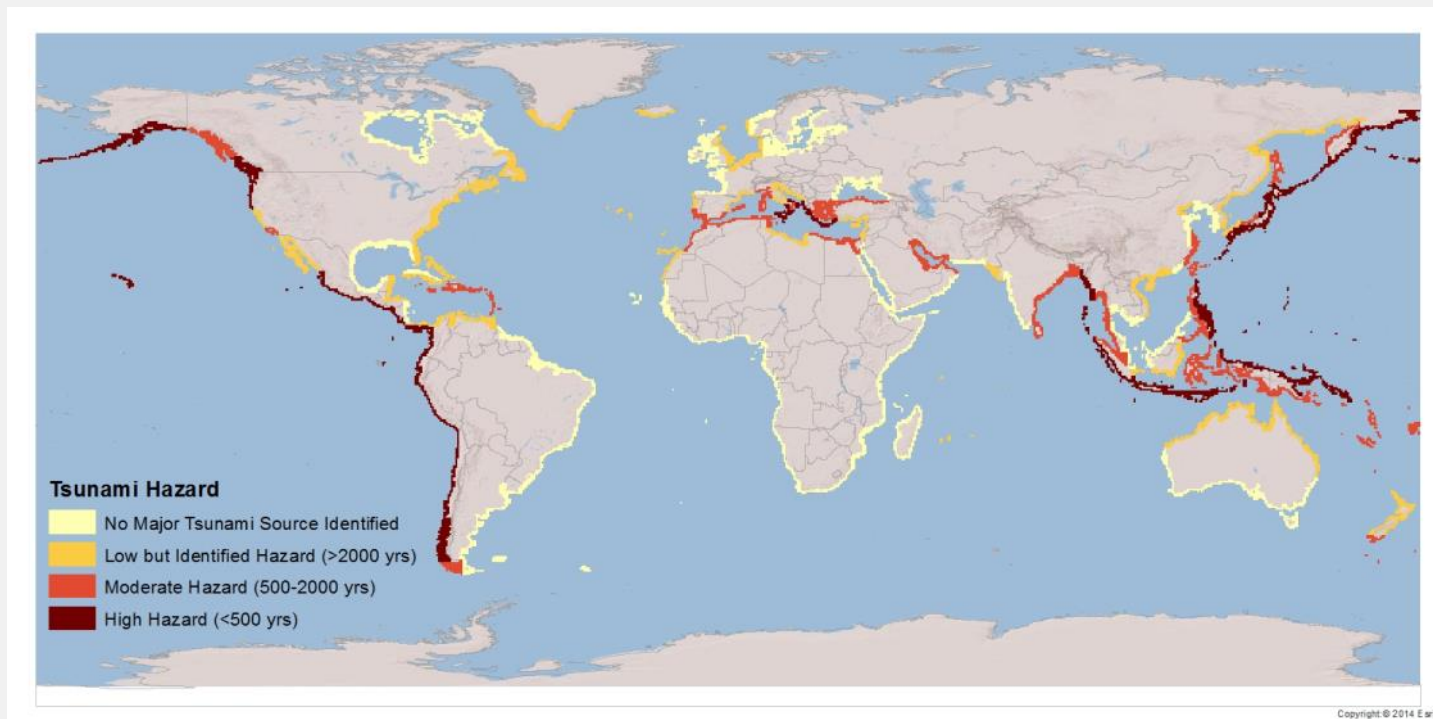
FLOOD: ACROSS THE GLOBE



TSUNAMI

TSUNAMI SCENARIO COVERAGE ACROSS THE GLOBE

- Full life-cycle
- Near- and far-field impacts
- Manage accumulations
- Flag high-risk locations when underwriting
- Deterministic modeling - apply loss ratios to exposure to estimate potential losses to scenarios



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TYPHOON

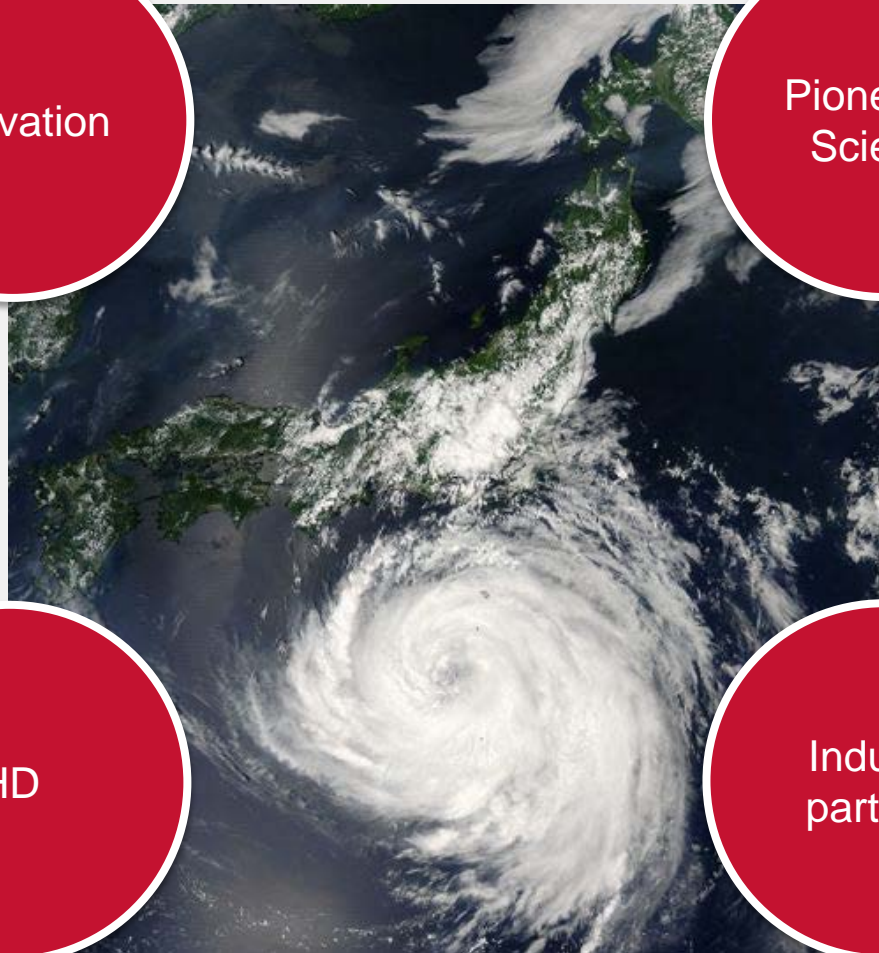
NEW JAPAN TYPHOON MODEL

Innovation

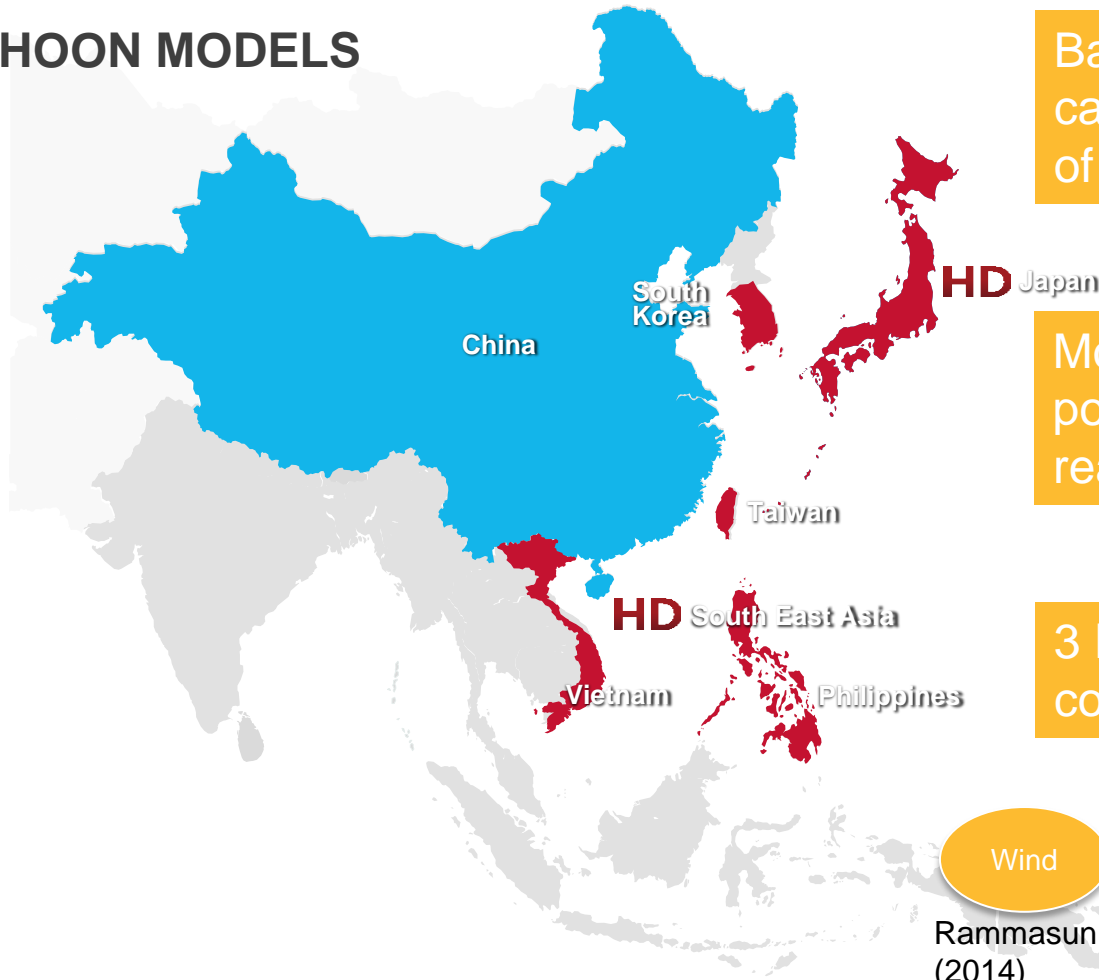
Pioneering
Science

HD

Industry
partners



ASIA TYPHOON MODELS



Basin-wide event set captures correlation of typhoon risk

Model multi country portfolios more realistically

3 Peril model for complete view of

Availability

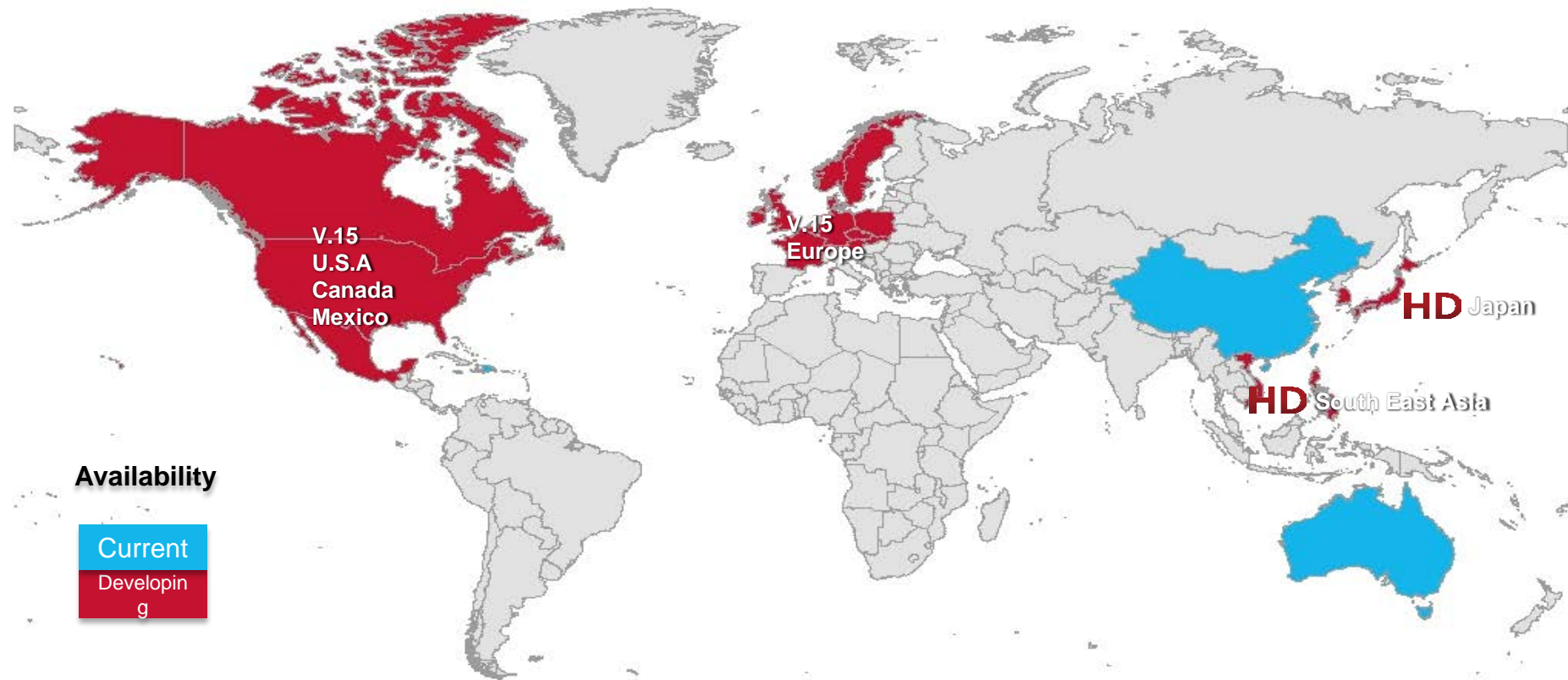
Current
Developing

Wind
Rammasun (2014)

Inland Flood
Fitow (2013)

Coastal Flood
Haiyan (2013)

WIND: ACROSS THE GLOBE



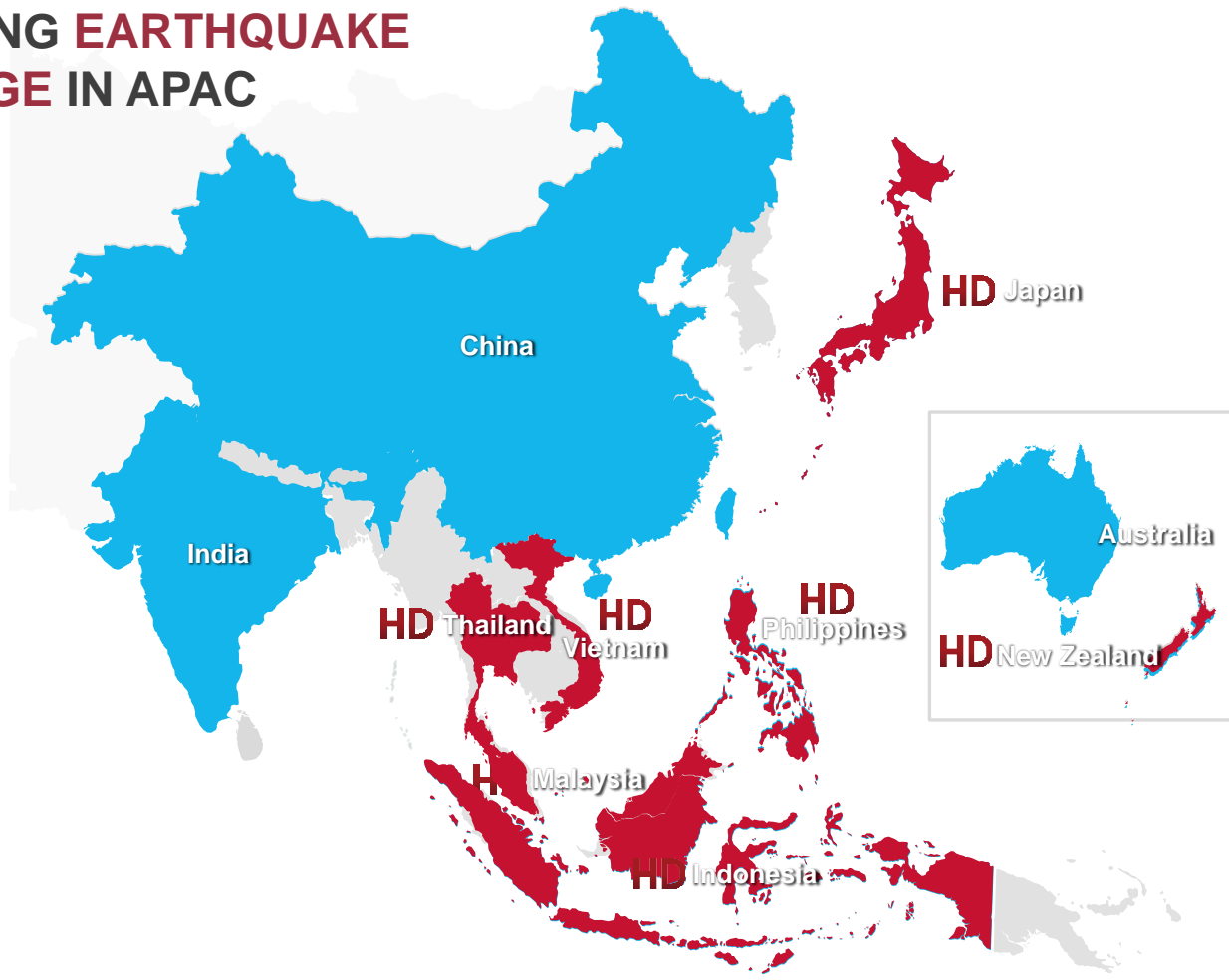
EARTHQUAKE

NEW ZEALAND EARTHQUAKE

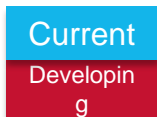
- High resolution template for future HD earthquake models



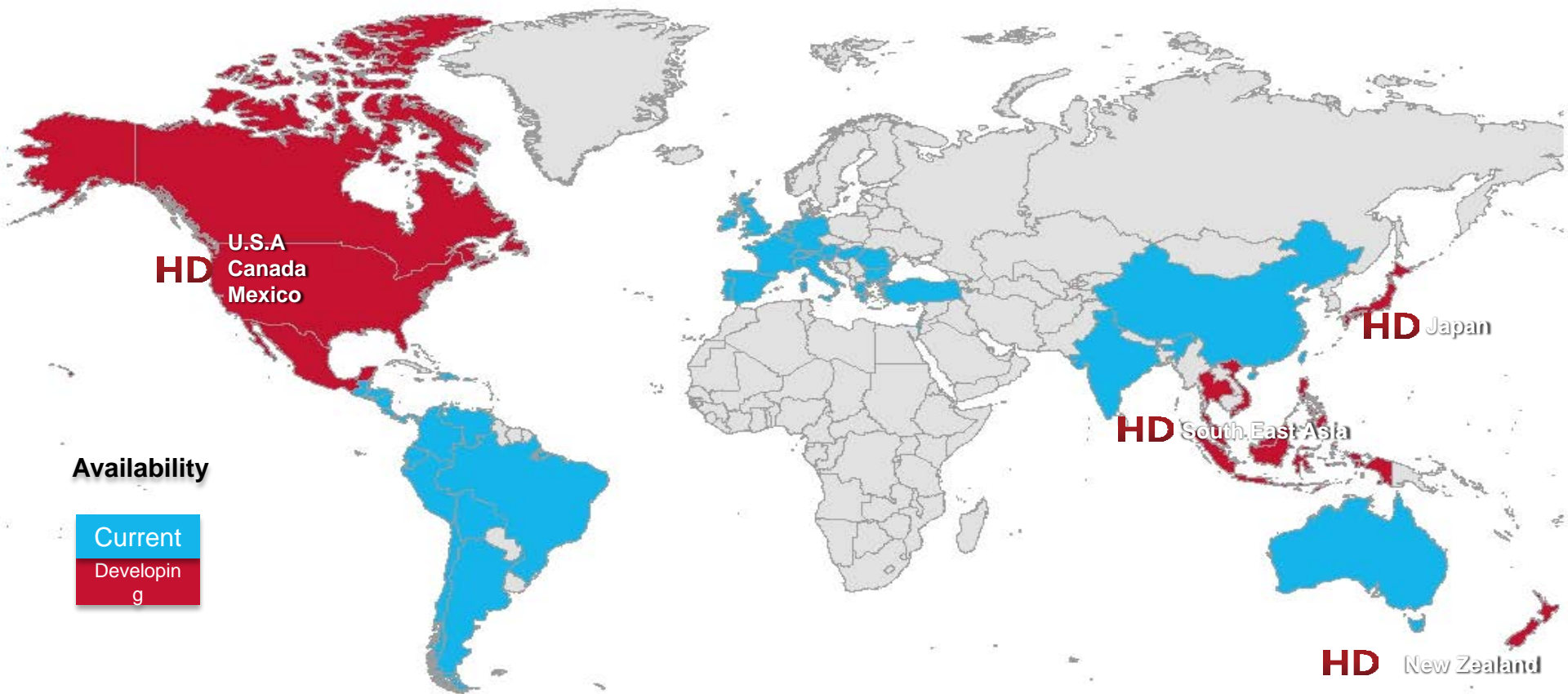
EXPANDING EARTHQUAKE COVERAGE IN APAC



Availability



EARTHQUAKE: ACROSS THE GLOBE



HD

U.S.A
Canada
Mexico

HD

Japan

HD

South East Asia

HD

New Zealand

Availability

Current
Developing

MODEL ROADMAP – TARGET RELEASE TIMINGS

