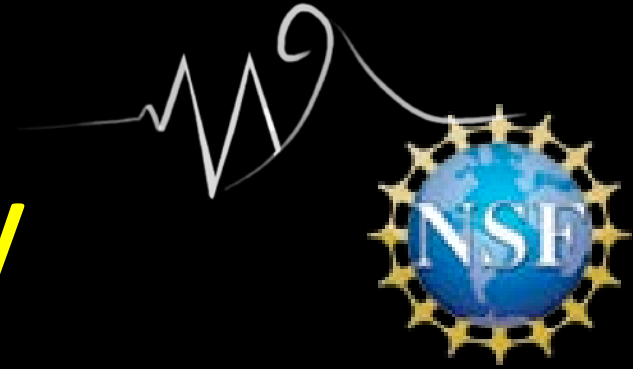# Preparing for Earthquake Early Warning in the Pacific Northwest

17 February 2015

Goals of this workshop

- Progress
  - For the last two years, we've been running EEW in house; implementing, watching, and improving.
  - Now, we're distributing the software to a dozen or two users to try out, and work with us to improve.
  - Similar to the parallel effort in California.
  - Aiming to line up full funding from the USGS and implement full system for government agencies, companies, and the public in the next few years.

- First, quick demo of tech and timescale

Agenda

- Overview – 10 minutes

Agenda

- Overview – 10 minutes
- Introductions – 20 m
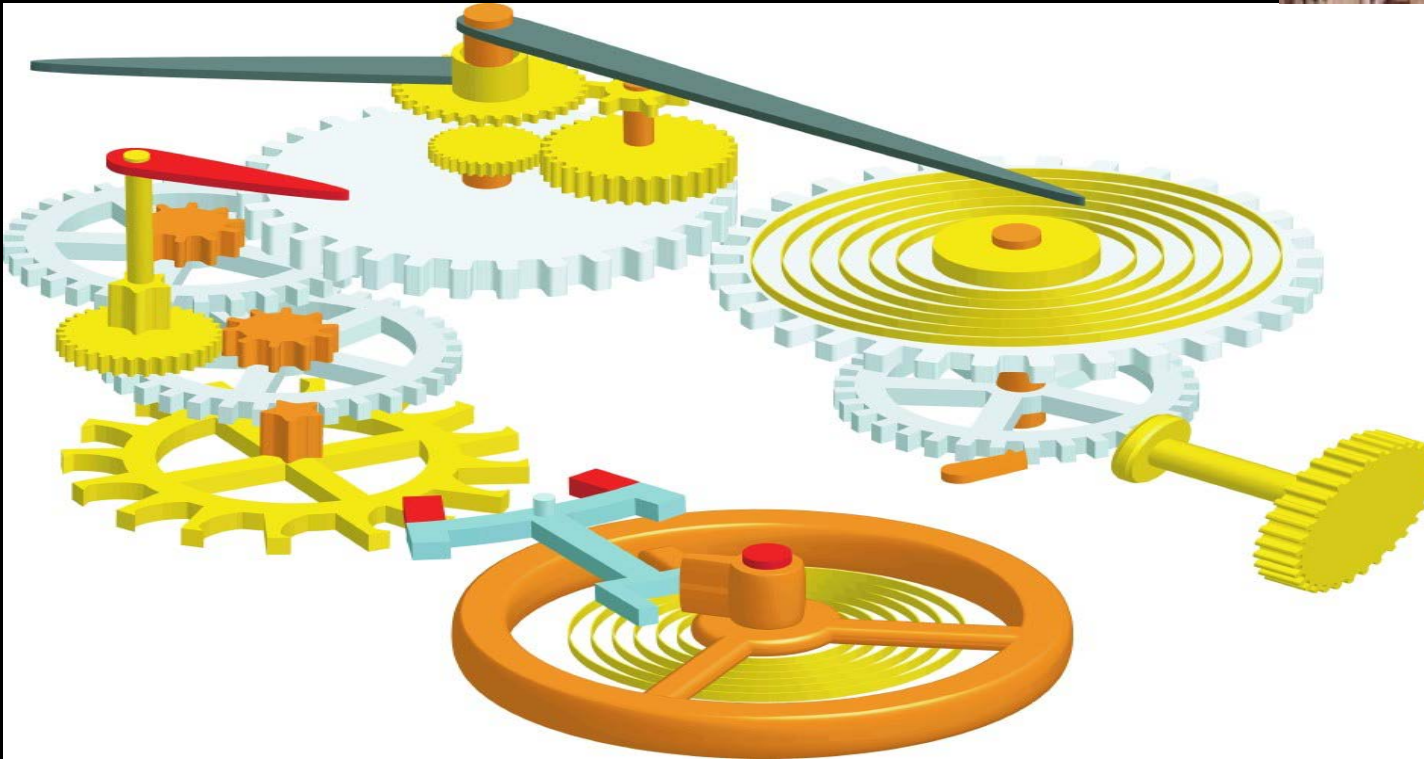
Present, offered software
Alaska Airlines
The Boeing Company
Bonneville Power Administration
BP Pipelines
Intel
Providence Hospitals
Puget Sound Energy
British Columbia EM
Natural Resources Canada
City of Seattle
FEMA Region X
Oregon Emergency Management
NOAA PMEL
Washington DNR
Washington DOT
UW Emergency Management

Present, not yet requested software
Microsoft
NHRN
Sound Transit
T mobile
Port of Seattle
Washington EMD
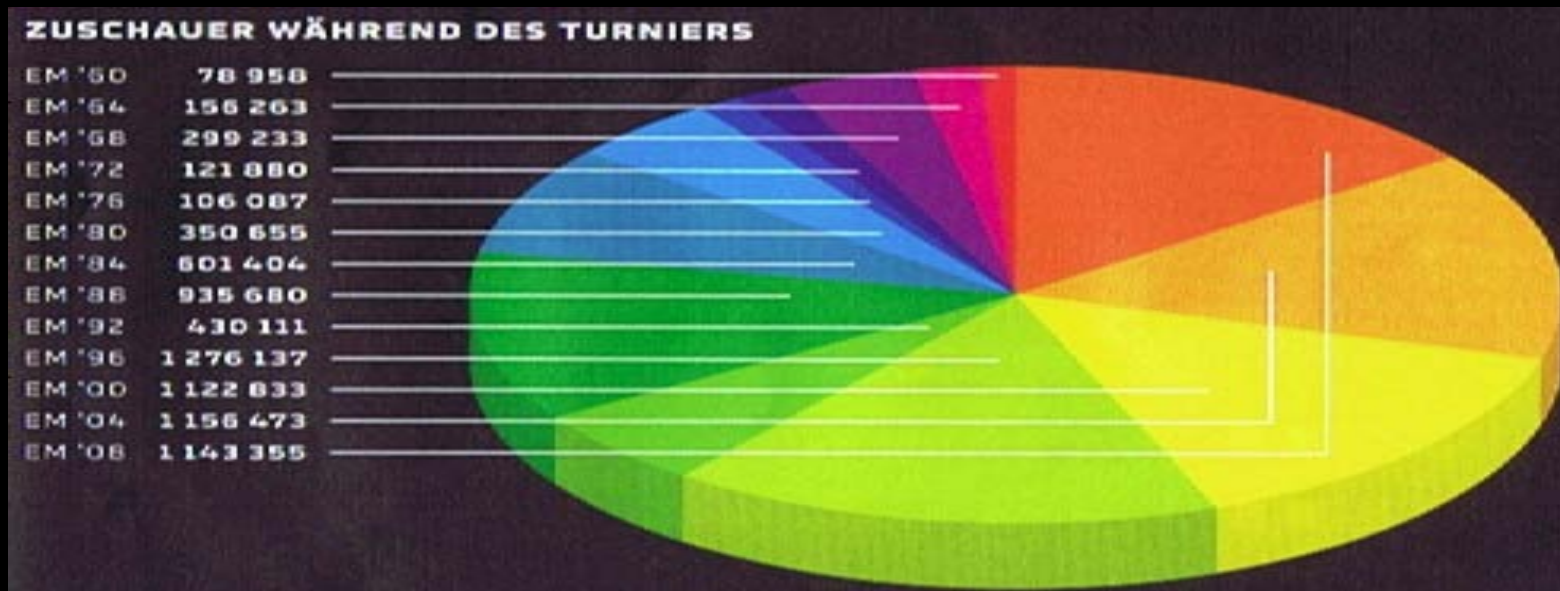Early Warning Labs
DOGAMI (absent because of turmoil)

Agenda

- Overview – 10 minutes
- Introductions – 20 m
- How it works – 25 m

Agenda

- Overview – 10 minutes
- Introductions – 20 m
- How it works – 25 m
- Showing it works – 20 m

ZUSCHAUER WÄHREND DES TURNIERS

EM '60	78 958
EM '64	156 263
EM '68	299 233
EM '72	121 880
EM '76	106 087
EM '80	350 655
EM '84	601 404
EM '88	935 680
EM '92	430 111
EM '96	1 276 137
EM '00	1 122 833
EM '04	1 156 473
EM '08	1 143 355

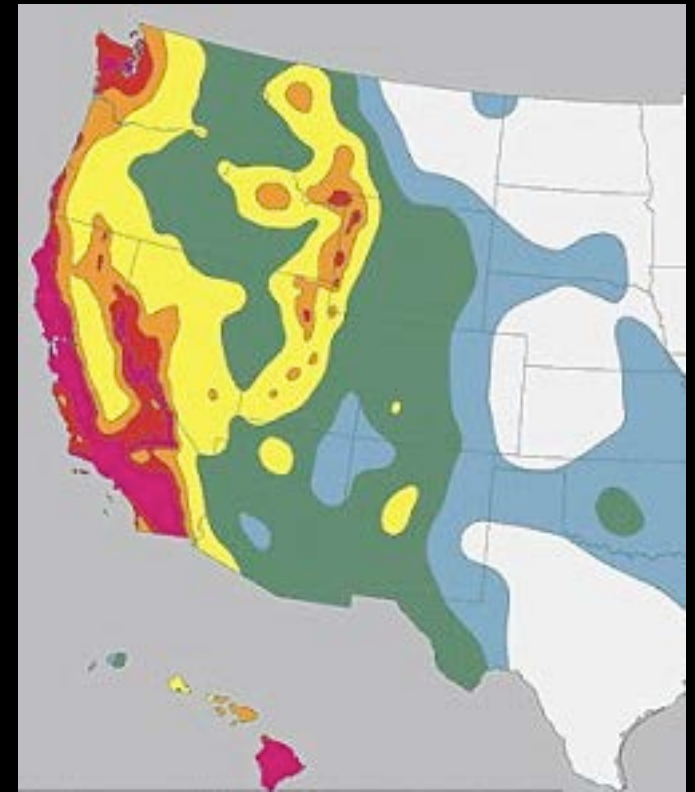# Agenda

- Overview – 10 minutes
- Introductions – 20 m
- How it works – 25 m
- Showing it works – 20 m
- Expectations – 40 m

Agenda

- Overview – 10 minutes
- Introductions – 20 m
- How it works – 25 m
- Showing it works – 20 m
- Expectations – 40 m
- The bigger picture – 10 m

Alerts are delivered via mass notification cloud servers and supported automation hardware

EEW Alert Cloud Server Infrastructure

Consumer Device

Smartphone App

Mass Notification and Automation Hardware

- Ways to use an alert – 20 m
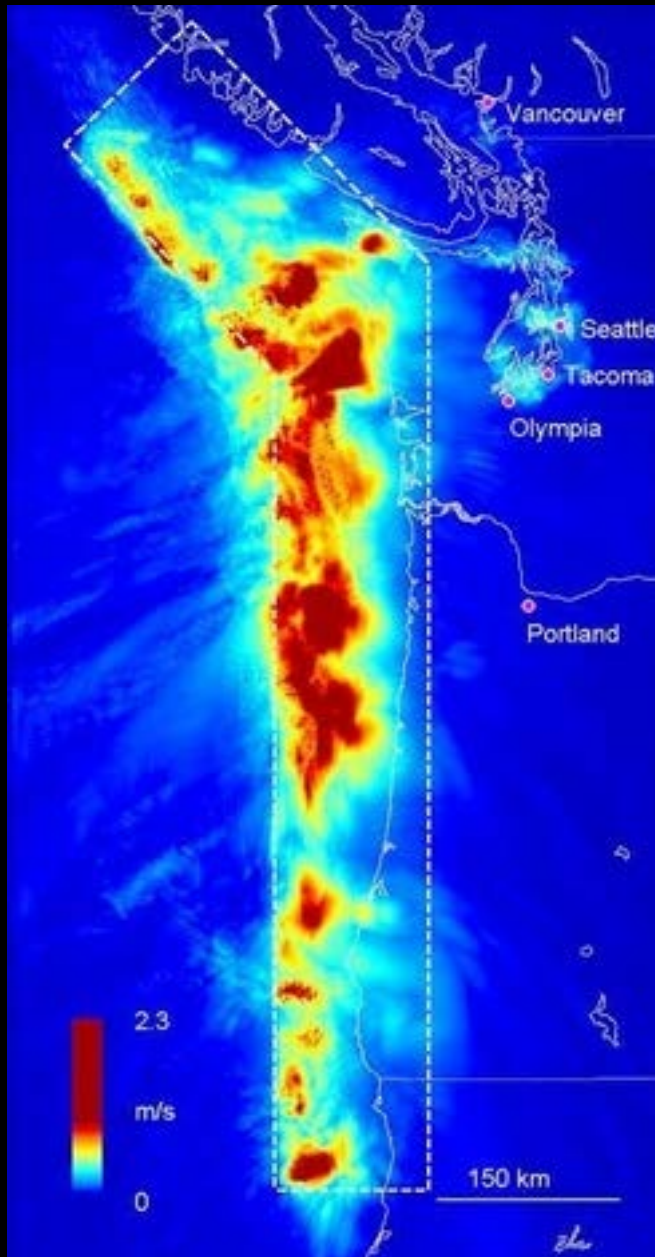- Q & A, discussion, trouble shooting.

- Q & A, discussion, trouble shooting.

Questions to address at this Workshop:

1. What would most benefit the goals of your organization and does that fit with the current project plan? If not, what do you suggest?

2. Does our plan constitute a good roadmap for the people, companies, and community of the Pacific Northwest?

Introductions

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