

THE OPENQUAKE 10 YEAR ANNIVERSARY WEBINAR



AGENDA

22 October 2020 1600 – 1730 CEST

TOPIC

SPEAKER

Introduction and brief history

John Schneider

OQ Engine Hazard: past, present and future

Marco Pagani

- Working with the OQ Engine for site-specific, national and regional hazard assessment
- Seismic hazard analysis for engineering-based insurance applications

Laurentiu Danciu
Yufang Rong

OQ Engine Risk: past, present and future

Vitor Silva

- Building a national risk model for Canada
- Urban Risk Assessment in Colombia

Murray Journeyay
Ana Beatriz Acevedo

Questions and Answers, wrap-up

John Schneider



John Schneider
GEM General Secretary



Marco Pagani
GEM Hazard



Laurentiu Danciu
ETH Zurich



Yufang Rong
FM Global, USA



Vitor Silva
GEM Risk



Murray Journeyay
NRCan, Canada



Ana Beatriz Acevedo
EAFIT Univ, Colombia

A PUBLIC – PRIVATE PARTNERSHIP



Private
Participants



Public
Participants



Project
Partners



Associates

THE OPENQUAKE ENGINE IS

- The foundation of GEM's hazard and risk assessment capability
- A hallmark of GEM's open framework and global collaboration network.
- A primary tool for the analysis of earthquake hazard and risk at all scales

TODAY'S WEBINAR WILL

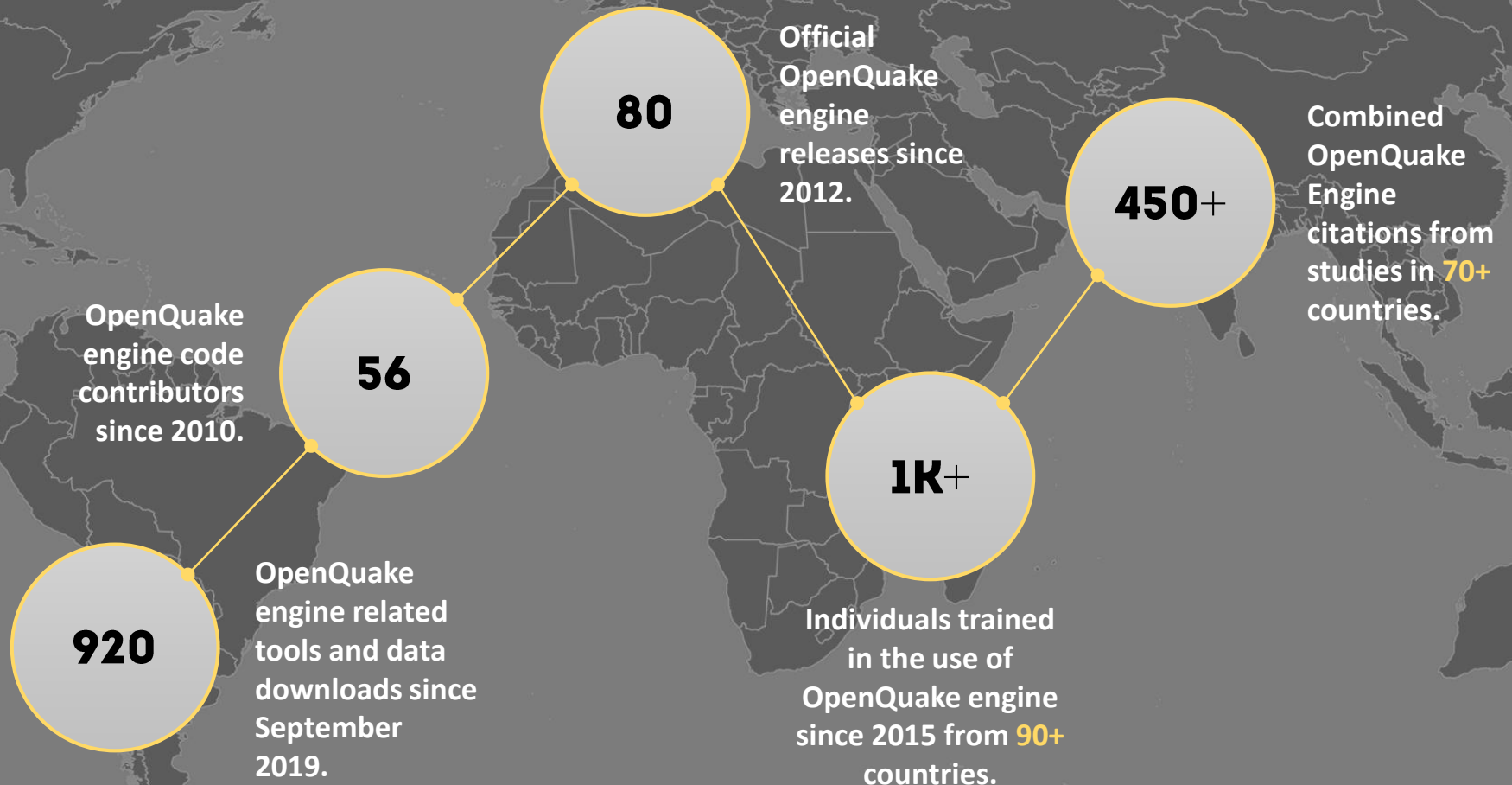
- Look back at achievements
- Review current capabilities
- Explore future directions



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OPENQUAKE ENGINE IN NUMBERS



REGIONS AND COUNTRIES WHERE OPENQUAKE ENGINE HAS BEEN APPLIED TO ASSESS HAZARD OR RISK

16

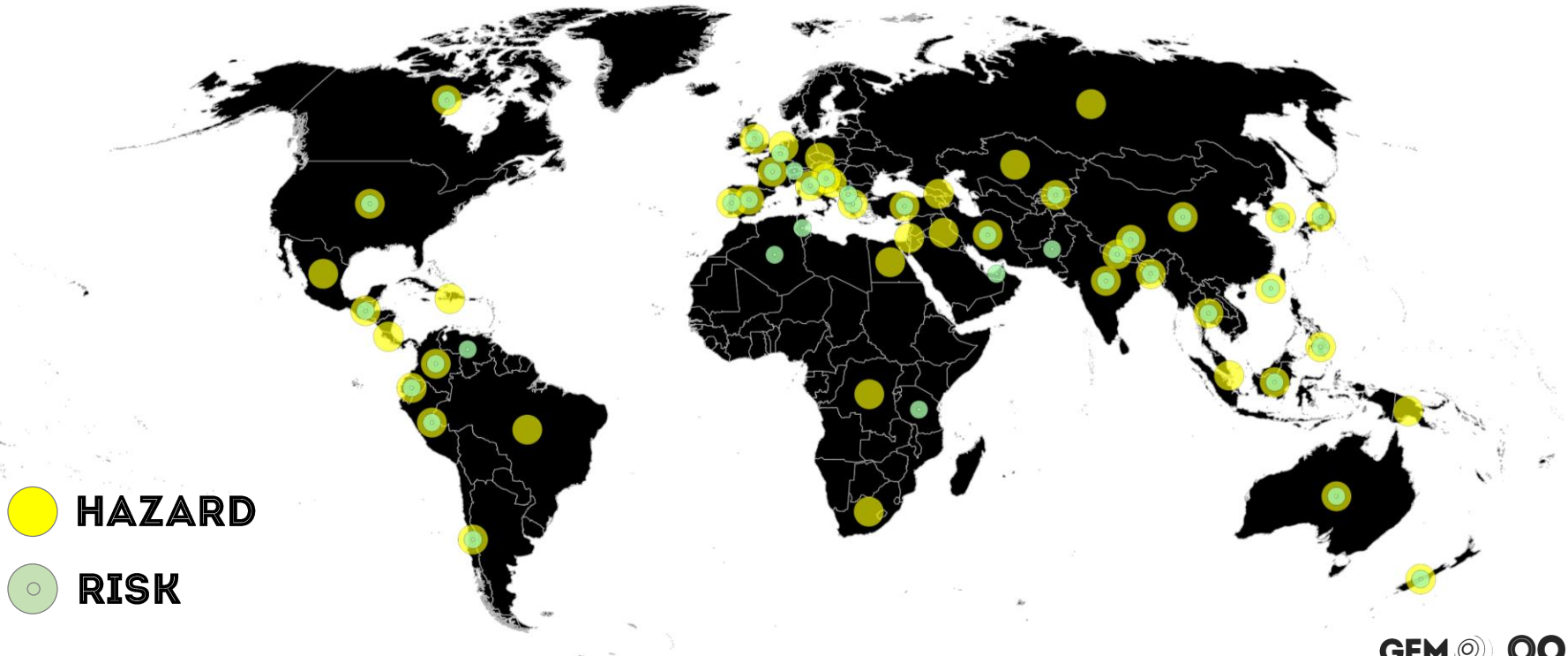
REGIONS

58

COUNTRIES

450+

CITATIONS



HAZARD

RISK

OPENQUAKE ENGINE DOWNLOAD PAGE UNIQUE VISITS SINCE 2019

12 069
TOTAL
UNIQUE
VISITS

139
COUNTRIES

