



Federal Office  
of Civil Protection and  
Disaster Assistance

# EO4SendaiMonitoring

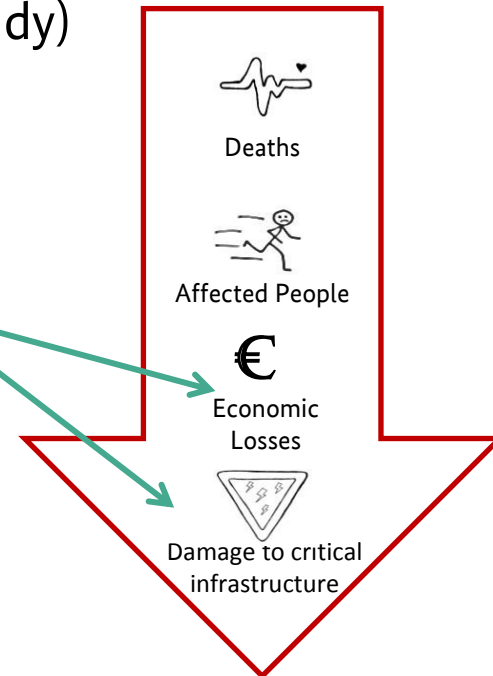
GEO Community Activity WP 2020-2022



BBK. Working together. Living in safety.

# Objectives and Outputs

- Develop a **good practice guidance** on how to integrate EO data and technology in the monitoring for the Sendai Framework
- Co-develop a **pilot tool**, following the principles of digital development, that showcases the use of EO and other geodata to derive a specific Sendai indicator in 2 or more countries (case study)



# How does this activity support the Sendai Framework?

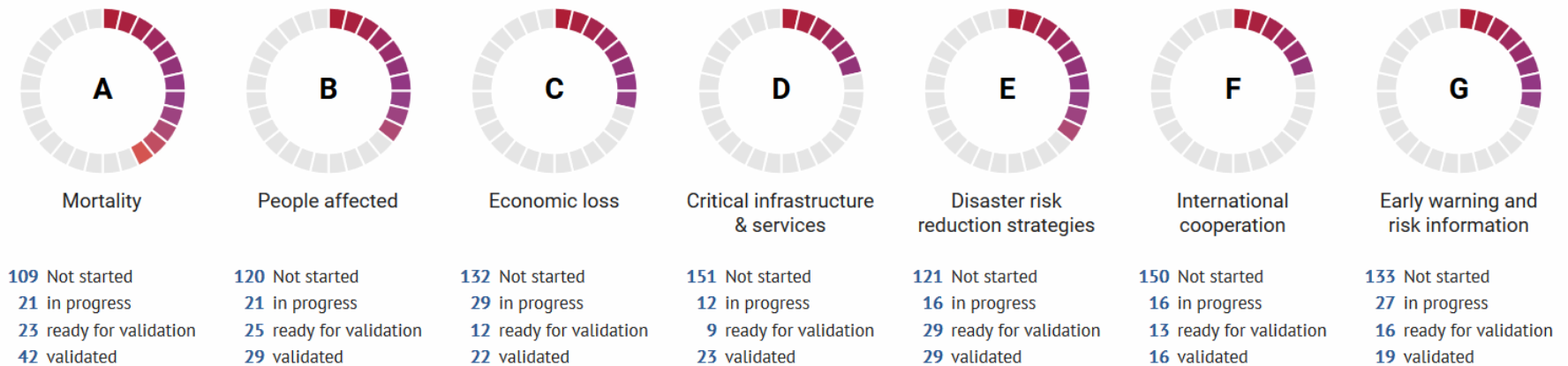
## PROGRESS OF GLOBAL TARGETS

Reporting Year: 2018

### COUNTRY REPORTING OVERVIEW



### TARGET REPORTING OVERVIEW



→ Target group: Sendai national focal points and monitoring authorities

# How does your activity relate to national /regional DRR efforts?

- A consistent and complete national monitoring leads to a better understanding of disaster risk and preparedness for an effective response
- Case: Germany
  - Inform risk assessments on the national and state level
  - Support end-users: Interministerial Working Group for the implementation of the SFDRR + national focal point
  - Vital information base in Germany for proper decisions
    - National Resilience Strategy



# What are the challenges that you face, and how can we start to turn these challenges into opportunities?

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- “Kick-off the activity”
  - More partners to cooperate
  - Developing a common understanding of this activity
- Transfer SF Monitoring demands into EO methods
  - Level of detail requested unclear → Need to be defined by end-user
  - Which information loss is tolerable? → Need to develop a best effort
- Monitoring of buildings/critical infrastructure damage
  - Test and evaluate VHR data; assess trade off between HR and VHR data

# Next Steps

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- Kick off Telco at the End of February with a broader group of interested organizations
- Enhance the number of participants
- Define a common understanding of the objectives and finalizing the implementation plan
- Defining a working structure for the activity and defining the participants roles



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# Thank you for your kind attention!

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