The value of loss data for EU disaster risk management

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Disaster Risk Reduction
EU policies linked to disaster risk management

Union Civil Protection Mechanism

European Structural and Investment Funds

Solidarity Fund

Insurance (Green Paper 2013)

Climate Change Adaptation (20% EU budget for climate change)

Floods, Seveso, Critical Infrastructure, Inspire Directives
EU Civil Protection Mechanism - UCPM

Member States in control, EU role to support, coordinate and supplement

Disaster response including monitoring and pre-planned approach

Culture of prevention and preparedness
Robust prevention and preparedness

Prevention
- Risk assessment
- Risk management capability assessment
- Implementing prevention measures

Preparedness
- Monitoring and early warning
- Exercises
- Planning: voluntary pool, scenarios

Training

... requires information and data
EU policy context

1. Communication/2017/0773 ‘Strengthening EU Disaster Management: rescEU. Solidarity with Responsibility’: 'Member States and Commission to promote more systematic collection and dissemination of loss data, to enhance the collection of loss data and make use of loss data for optimised prevention and climate adaptation planning' (point 4)

Sendai Framework targets
Landscape of risks in the EU

(2017 EU risk overview SWD(2017)176)

- Flooding: 30
- Extreme weather: 26
- Forest fire: 22
- Earthquake: 19
- Pandemic: 23
- Epizootic / Animal & Plant disease: 17
- Industrial accident: 26
- Critical infrastructure disruption: 24
- Nuclear / Radioactive accident: 23
- Terrorism: 17
- Cybercrime: 14
Disaster Loss Data
You can’t manage what you can’t measure

Private sector
- Re-insurance, Public Private Insurance

Sustainable Development
- SDG Targets 1, 4, 9, 11, 13

Disaster Risk Reduction
- Sendai Framework Targets A, B, C, D

Climate Change
- UNFCCC
  - Warsaw Int Mech

EU Member State reporting:
- Floods Directive, risk assessments, EWS, ...

Humanitarian Aid & Civil Protection
Support to Member States

- Joint DG ECHO/JRC loss data working group
- Guidance for Recording and Sharing Disaster Damage and Loss Data
- **Disaster risk management knowledge centre’s support service**
- UCPM prevention projects
- **Prevention and preparedness peer reviews – mutual learning and exchange of best practice**
- Risk data hub for EU data