



European Commission



The European Commission's science and knowledge service

Joint Research Centre

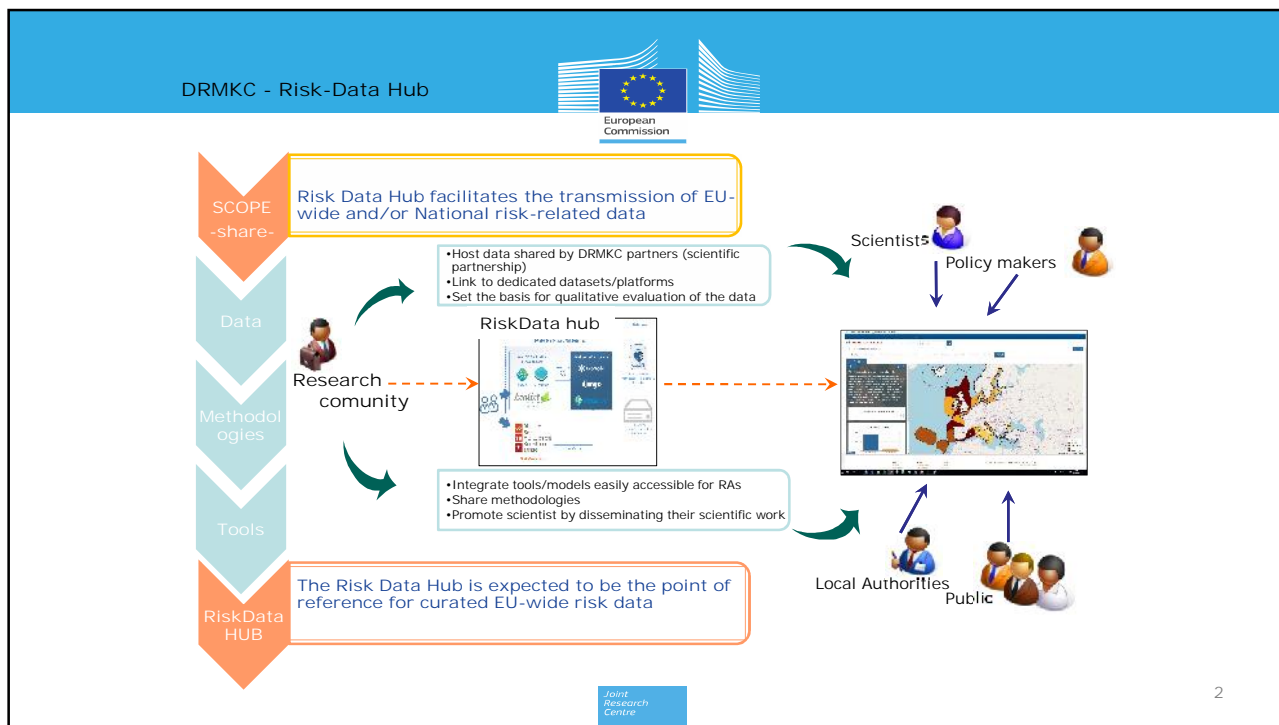
RiskData Hub

DRMKC

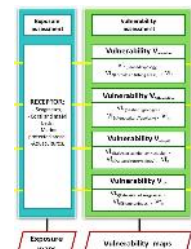
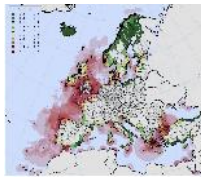
Tiberiu ANTOFIE & Stefano LUONI

Joint Workshop on risk assessment and response planning in Europe, (DG ECHO and EMSA)
London, UK, 14 March 2018

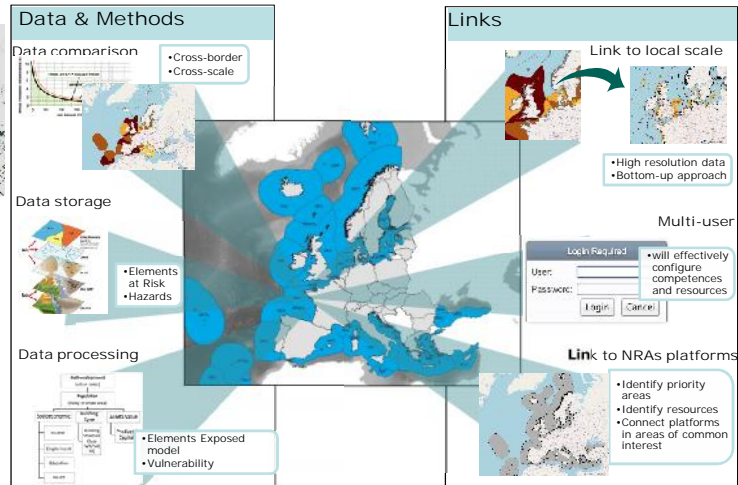




1. Good practice



2. Disaster Risk Information Access



Most simple Risk = Exposure

Spatial interaction of:

- a hazard footprint/extension of a particular event;
- and elements at risk.

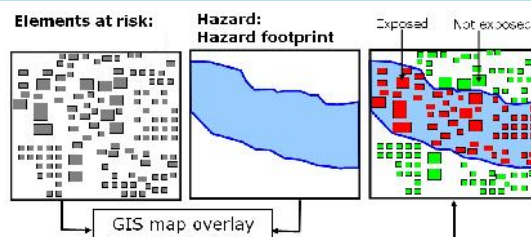
Measures the elements at risk affected.

Vulnerability is not used in this simple context.

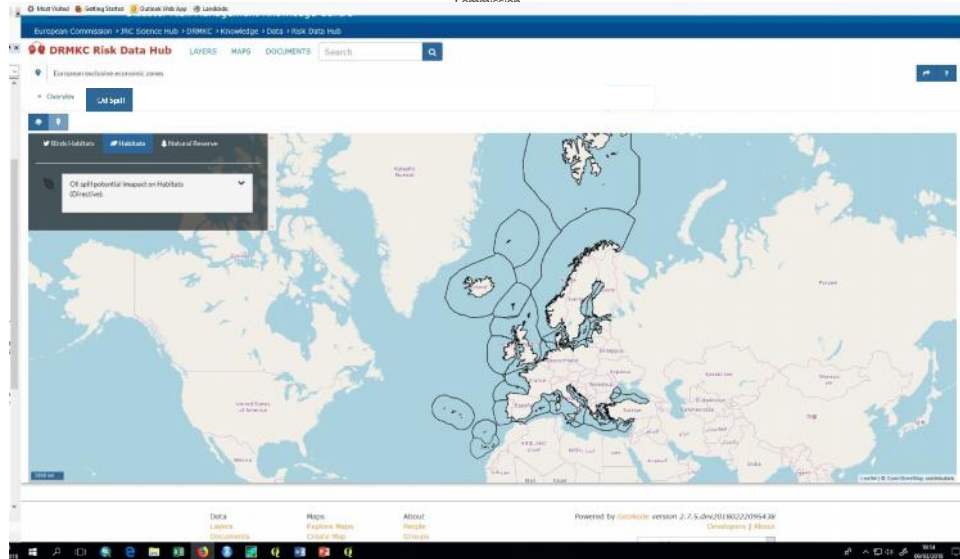
Useful first approach.

Also a step in
advanced risk
assessment

What is not measured cannot be managed!



DRMKC - Risk-Data Hub



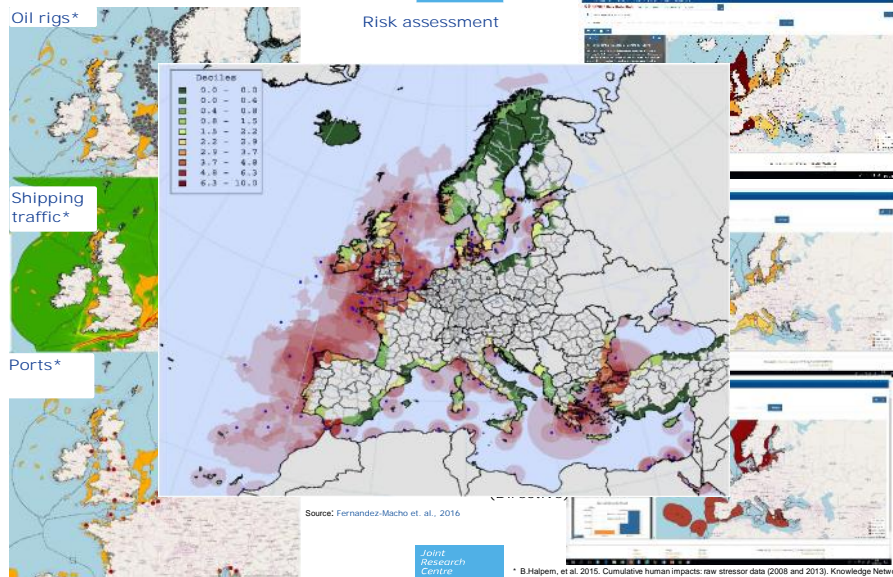
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DRMKC - Risk-Data Hub

Vulnerability: e.g. Proximity



Quantification of elements at risk



6

Summary



The RiskData Hub intends to:

- Anticipate the areas expected to suffer significant impact from pollution
- Support possible measures that can be adopted by prioritizing areas where action and resources are required
- Support disaster risk mapping as an essential component of risk management.
- Present a technical solutions on enabling disaster risk data, methodologies and tools;
- Establish an information flow between researchers and decision makers (evidence based policy)
- Promote research results that are relevant for Disaster Risk Reduction.
- Support the interaction of research and DRM services from regional to national and local level.