European Commission

Disaster Risk Management Knowledge Centre

http://drmkc.jrc.ec.europa.eu/

PARTNERSHIP

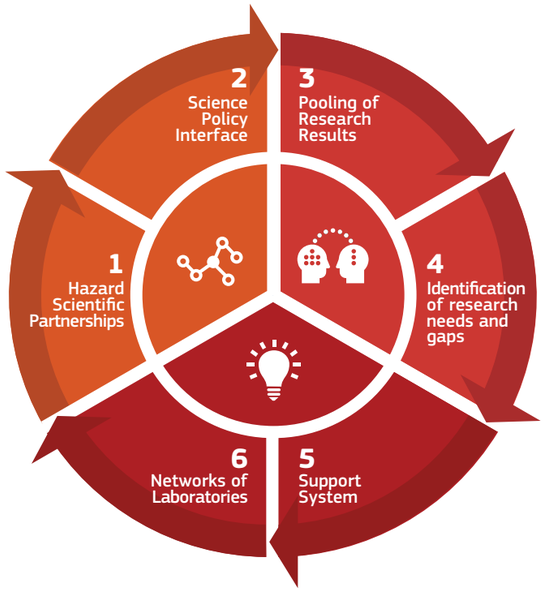
Improving science based advice through networks and partnership

KNOWLEDGE

Improving the use and uptake of research and operational knowledge

INNOVATION

Advancing technologies and capacities in disaster risk and crisis management



Facilitating the uptake of science in policy formulation and its implementation.

Where knowledge begins

Fostering EU-level **disaster science networks** in support to the European Response Coordination Centre (**ERCC**) and Member States.

Where knowledge applies

Improving the science-policy interface by providing science-based advice to **policy development** services and support to Member States for **policy implementation**.

Where knowledge meets

Pooling of information and granting access to scientific results and expertise to boost **transfer of research outputs** to end-users.

Where needs are identified

Disseminating knowledge, research results and information looking for **identification** of research **needs and gaps** in disaster risk and crisis management.

Where gaps are filled

Implementing a Support System for Member States providing **scientific** and **technical advice** for **harmonized development**.

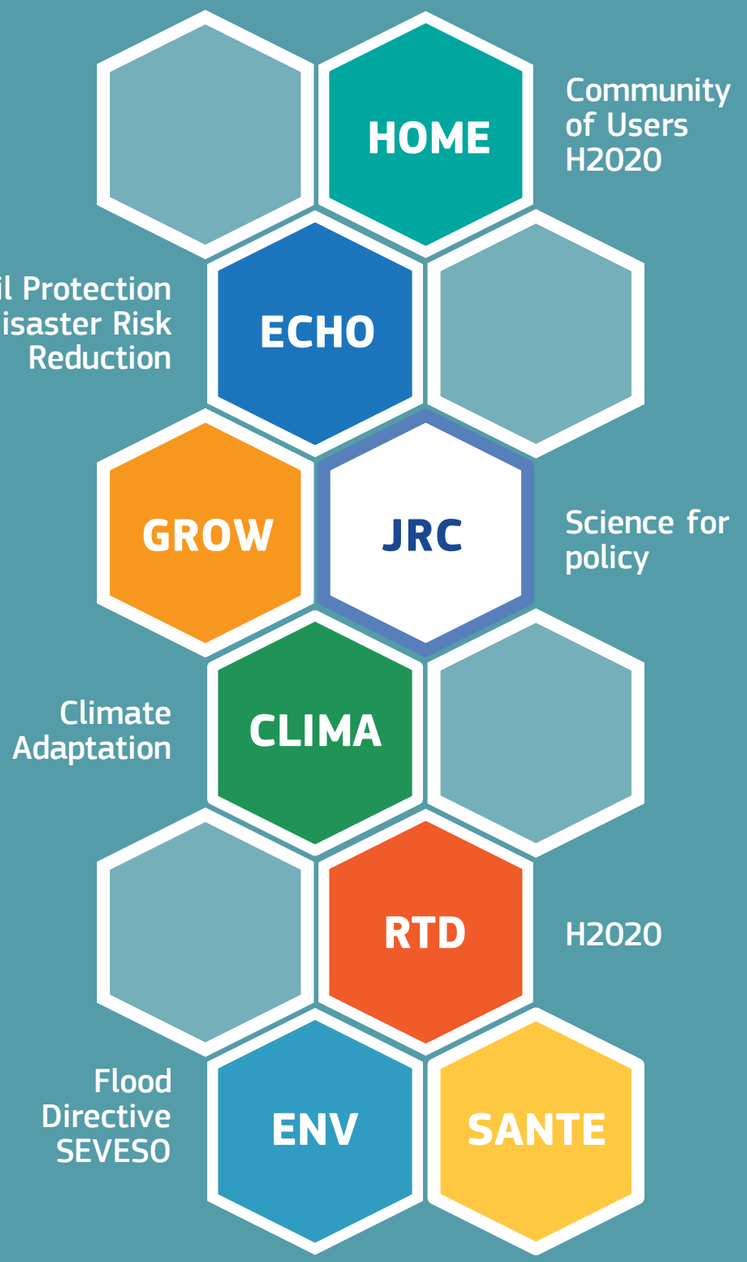
Where innovation is tested

Developing dedicated **technologies** and **capabilities** to support different types of emergency management operations and disaster recovery processes.

Disaster Risk Management Knowledge Centre

DRMKC Large scientific community for DRM

EC Directorates



DRMKC

PARTNERSHIP

1 Hazard Scientific Partnerships

2 Science Policy Interface

KNOWLEDGE

3 Pooling of Research Results

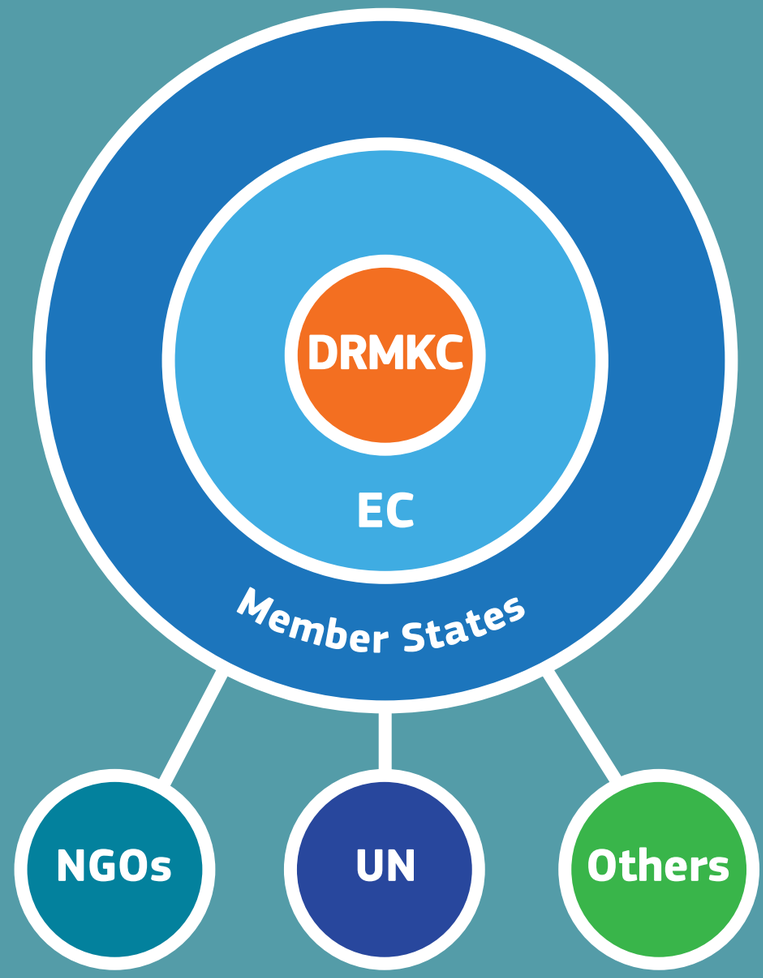
4 Identification of research needs and gaps

INNOVATION

5 Networks of Laboratories

6 Support System

Serving



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The DRMKC reinforces the development of disaster science partnerships and networks to achieve the ambitious goal of fully exploiting and translating complex science into useful policy and applications in DRM.

Networks and activities are activated and promoted to improve the science-policy interface in prevention activities and to facilitate the translation of complex science into useful policy advice.

Partnerships for operational preparedness and response to major natural disaster types in the EU are promoted to facilitate the information flow between the different partnerships, the Emergency Response Coordination Centre (ERCC) and Member States.

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PARTNERSHIP

KNOWLEDGE

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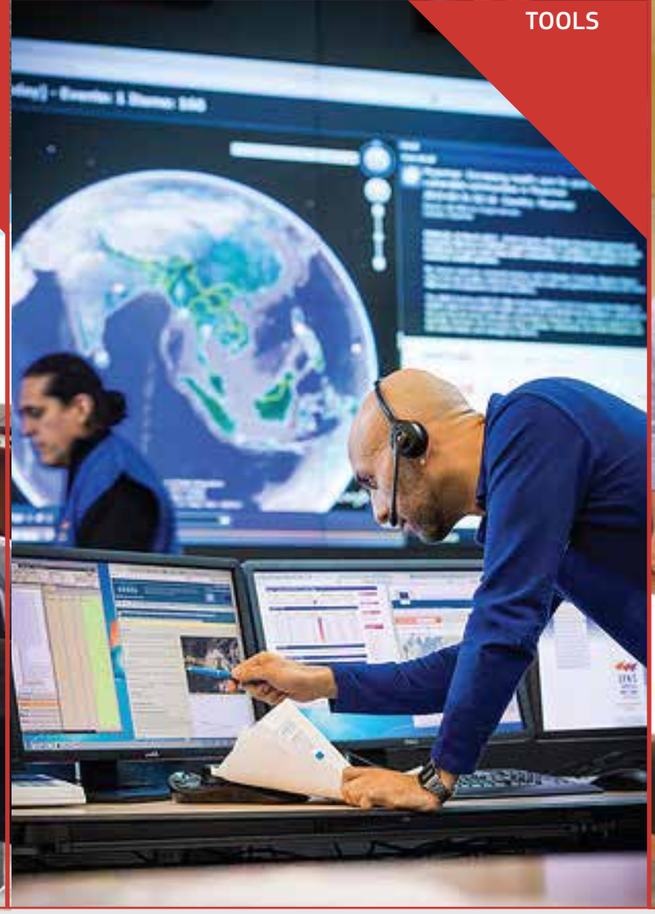

Scientific research results and operational knowledge gained from lessons learnt, exercises, training, peer reviews and other assessment tools need to be better exploited in the DRM cycle to mitigate risks and vulnerabilities and to improve response when disaster strikes.

A common repository of relevant research and operational projects and results will be accessible through the DRMKC and its Web-platform.

A science advisory panel of experts and scientists at local, national and European levels provides analyses, updates and advice into research and innovation needs in DRM.

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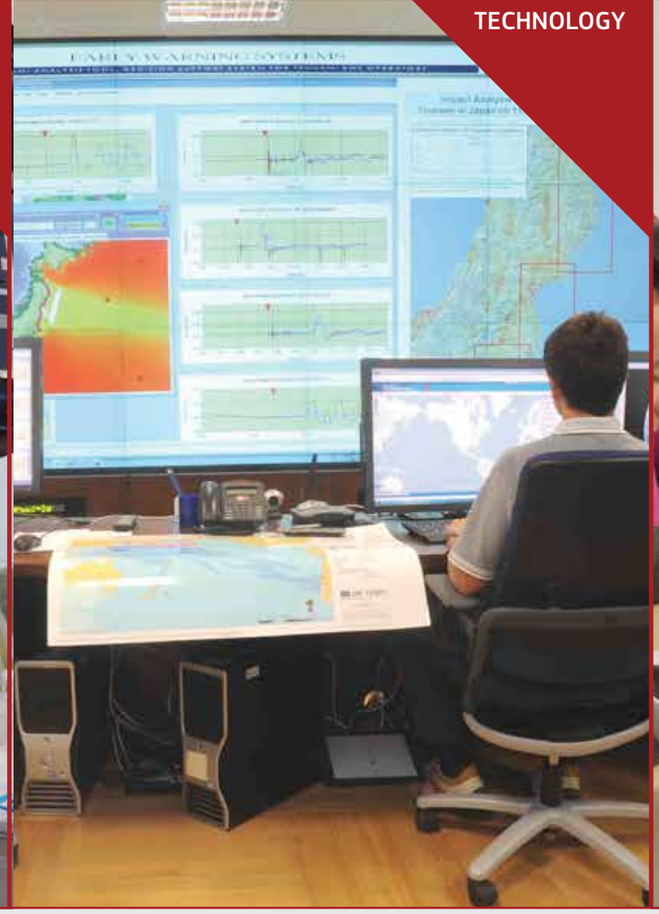
EXERCISE



TECHNOLOGY

METHODOLOGY

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Industry and the scientific community play an essential role in developing innovative methods, tools and technological solutions for the mitigation of disasters and their impacts. They facilitate the work of first responders and other operational actors in crisis management through innovative technologies, instruments and methodologies.

The DMKC assesses the current state of DRM science and technology in Europe and addresses technological and operational challenges to cover the existing gaps, and assists in building globally common standards, through the European Network for Innovation Test Beds (ENITB) and the European Crisis Management Laboratory (ECML).

A Support System facilitates the use of existing expertise to help Member States meet risk management related obligations – DRM Capabilities Assessment, Disaster Loss Databases, Science-policy interfaces, National Risk Assessment.

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INNOVATION