



European
Commission



Developing a Community of Users in the Disaster Risk and Crisis Management sectors – First steps

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Innovation and Industry for Security

DG HOME

Security Research in Horizon2020

- Maintains its mission driven character
- Supports EU internal and external security policies
- Supports the EU industry to be competitive
- **Strengthens the involvement of the end-users**
- Takes more into account the Societal Dimension
- Includes Cyber-Security





Structure of the Secure Societies Work Programme

Disaster Resilient Societies

Crisis management and civil protection, critical infrastructure protection

Fight against Crime and Terrorism

Forensics, law enforcement capabilities

Border Security

Border crossing points, information management, supply chain security

Digital Security

Privacy, access control, trust eServices, Secure information sharing

Ethical/Societal dimension



Who are the Users in the Disaster Risk / Crisis Management areas?

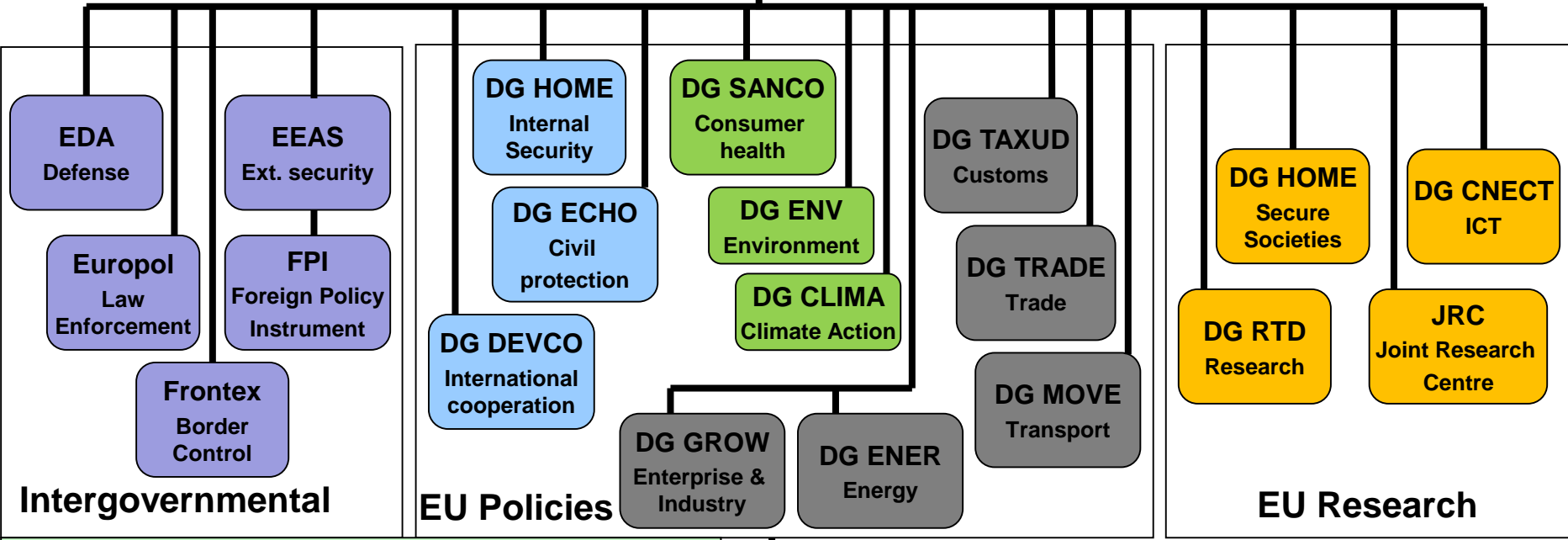
- Many different disciplines and sectors within CBRN-E and other hazard-related communities, as a matter of simplification, five categories are considered:
 - 1. Policy-makers:** EC Policy DGs, Intergovernmental Agencies, Member States Ministries
 - 2. Scientists:** Universities, Research Institutes, Research Units linked to Ministries or Industry sectors
 - 3. Industry** (including SMEs): Many industry branches in the areas of defence, forensics, civil protection etc.
 - 4. Operational units:** First responders, emergency services, police, civil protection units, military units, laboratories etc. + training centres, command control centres
 - 5. General public:** NGOs, public at large, education (schools) and training

EU Policy implementation: need for strategic approach



EU Bodies

Member States (Committees)



+ INTERPOL, NATO, UN Bodies

Industry, Stakeholders, NGO's, Researchers, Experts, etc.

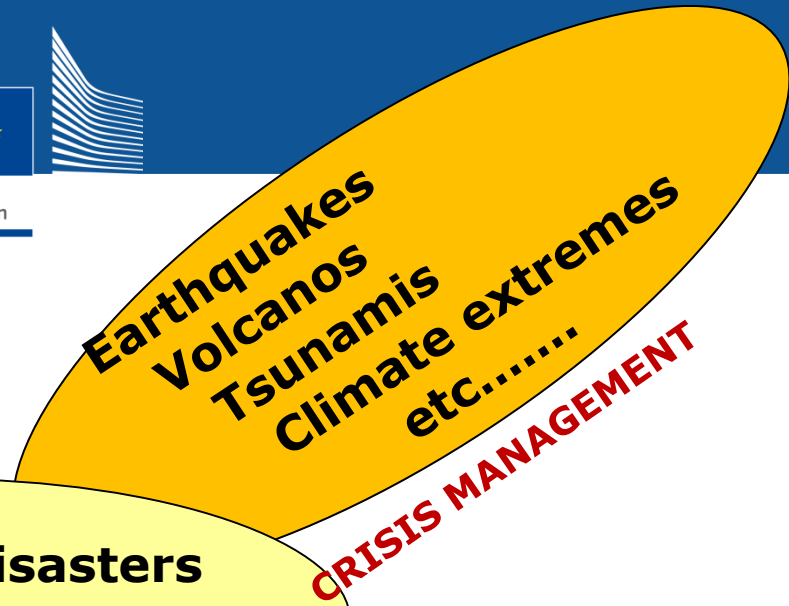
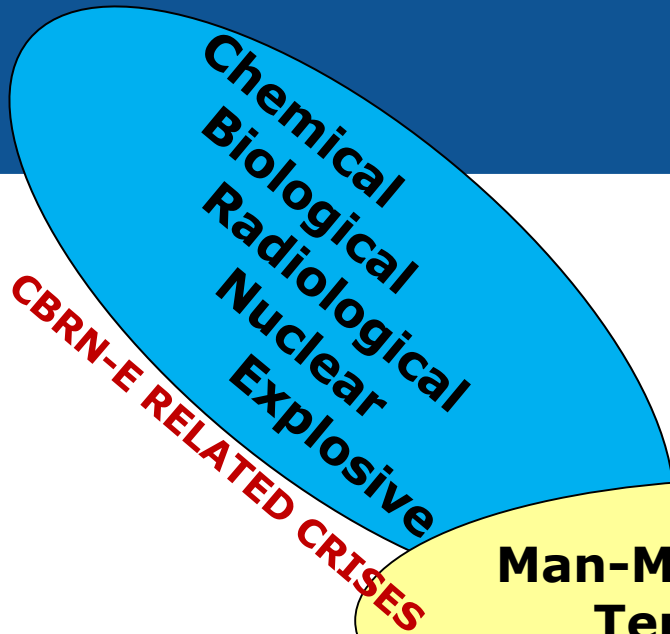


Why do we want a Community of Users?

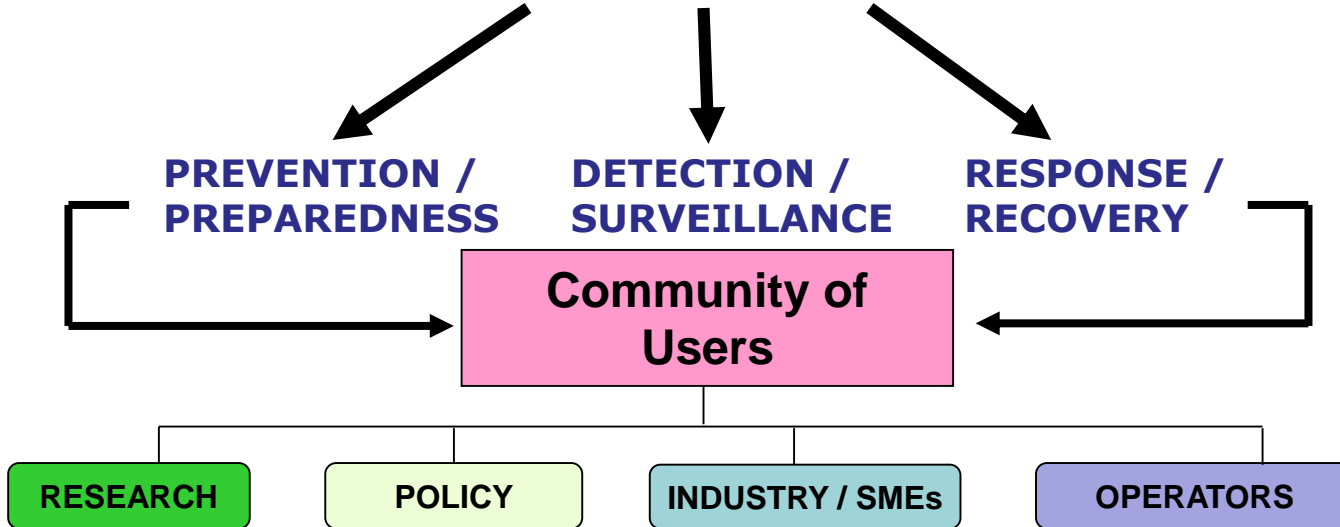
- Large span of policies and research projects users, leading to **fragmentation of information** and lost opportunities regarding possible synergies. There is a strong need to boost awareness about:
 1. Research projects
 2. Policy developments
- **User's needs are insufficiently targeted** and should be considered in the light of research programming
- **Links among scientific outputs and policy objectives** (in particular EU security and industrial policies) are often lacking and interactions will be beneficial

Why do we consider a single group on Disaster Risk and Crisis Management?

Despite specific features related to e.g. CBRN-E and Civil Protection, common grounds exist in relation to operational features, justifying that a dialogue be established among the different communities



COMMON GROUND: DISASTER RISK AND CRISIS MANAGEMENT (DRCM)





What do we want to achieve?

- Enhanced **links and interactions** among research, policies, industrial developments and operator's needs for a **better framing of Horizon2020** in the security sector, through a platform of exchange of publicly available information
- **Developing synergies at European level** and with the Member States to raise awareness and enhance the transfer of research outputs to user's communities
- **Identifying most promising tools** / technologies and "tailor-made" information sharing to enhance their usability and their access to the market

Setting the architecture - Mapping principles: per policy sector and operational features



POLICY: Technical challenges?

**CBRN-E
ACTION PLAN**

**CIVIL
PROTECTION**

HEALTH

**PREVENTION
PREPAREDNESS**

- Xxxxxx
- Xxxxxxx
- xxxxxxx
- Xxxxxx
- Xxxxxxx
- xxxxxxx
- Xxxxxx
- Xxxxxxx
- xxxxxxx

**DETECTION
SURVEILLANCE**

- Xxxxxx
- Xxxxxxx
- xxxxxxx
- Xxxxxx
- Xxxxxxx
- xxxxxxx
- Xxxxxx
- Xxxxxxx
- xxxxxxx

**RESPONSE
RECOVERY**

- Xxxxxx
- Xxxxxxx
- xxxxxxx
- Xxxxxx
- Xxxxxxx
- xxxxxxx
- Xxxxxx
- Xxxxxxx
- xxxxxxx

**HORIZONTAL
ACTIONS**

- Xxxxxx
- Xxxxxxx
- xxxxxxx
- Xxxxxx
- Xxxxxxx
- xxxxxxx
- Xxxxxx
- Xxxxxxx
- xxxxxxx

RESEARCH: Response to policy challenges?

2010

2011

2012

- Xxxxxx
- Xxxxxxx
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MAPPING →

PREPAREDNESS

**CBRN-E
ACTION PLAN**

**CIVIL
PROTECTION**

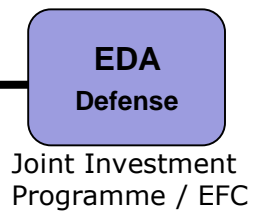
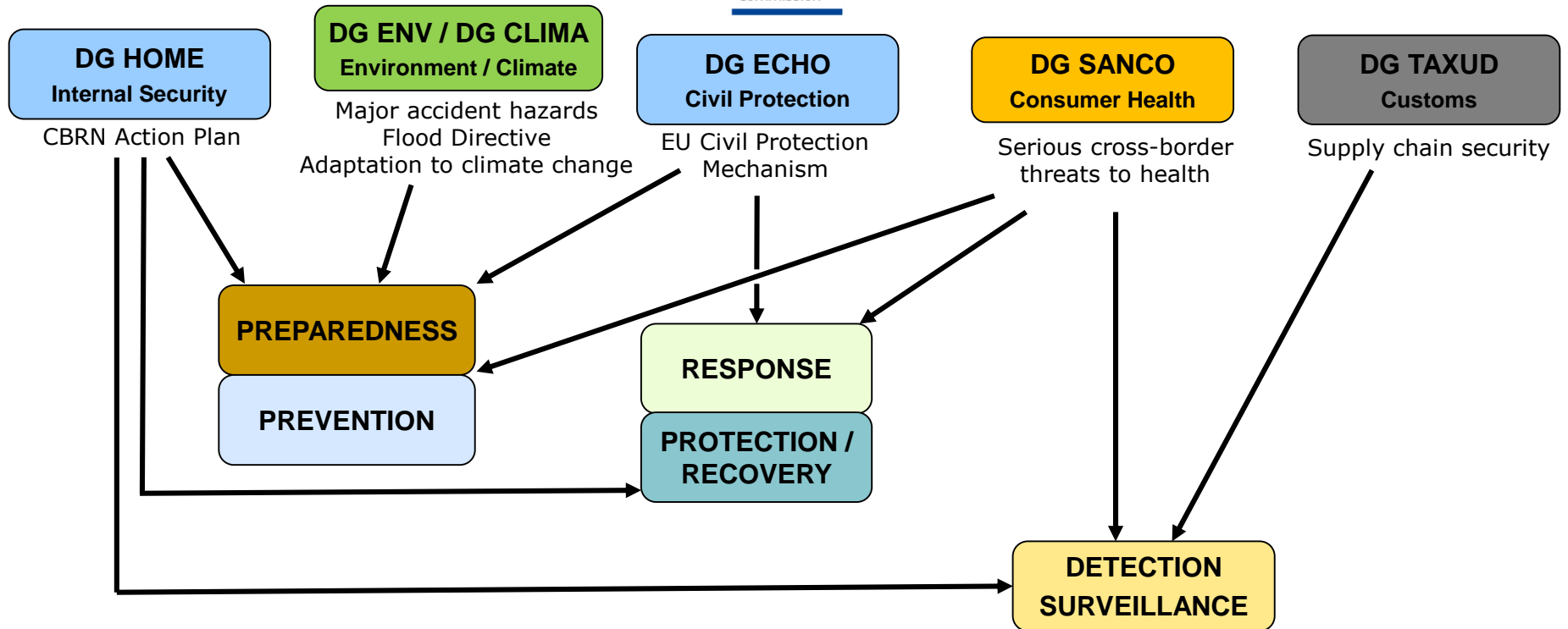
HEALTH

- Projet xxx
- Xxx
- xxx
- Projet xxx
- Xxx
- xxx
- Projet xxx
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Examples of links among policies and operational features

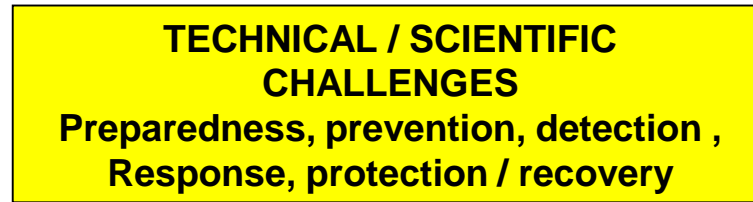


Community of Users



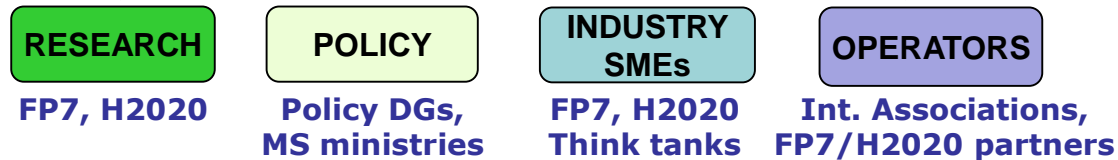
DISASTER RISK AND CRISIS MANAGEMENT

**OPERATIONAL /
IMPLEMENTATION
CHALLENGES**

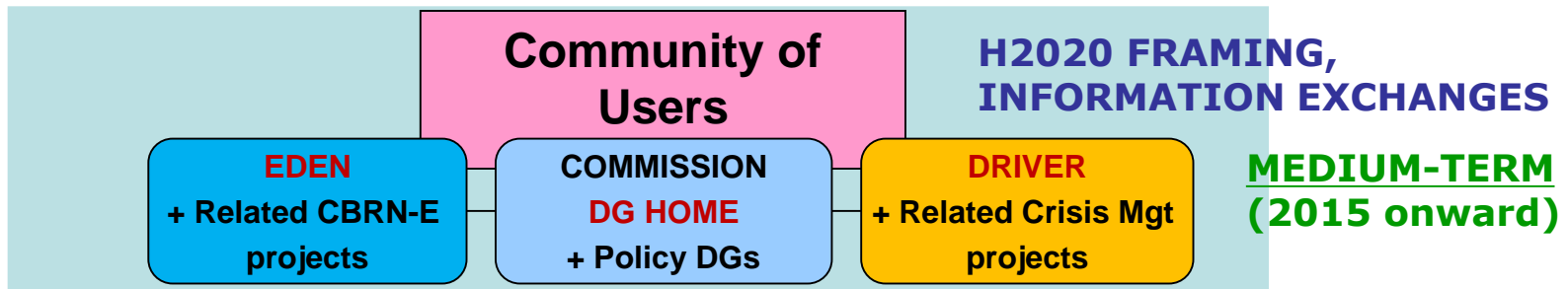


**MAPPING,
ROAD MAPS**
**SHORT-TERM
(Spring 2015)**

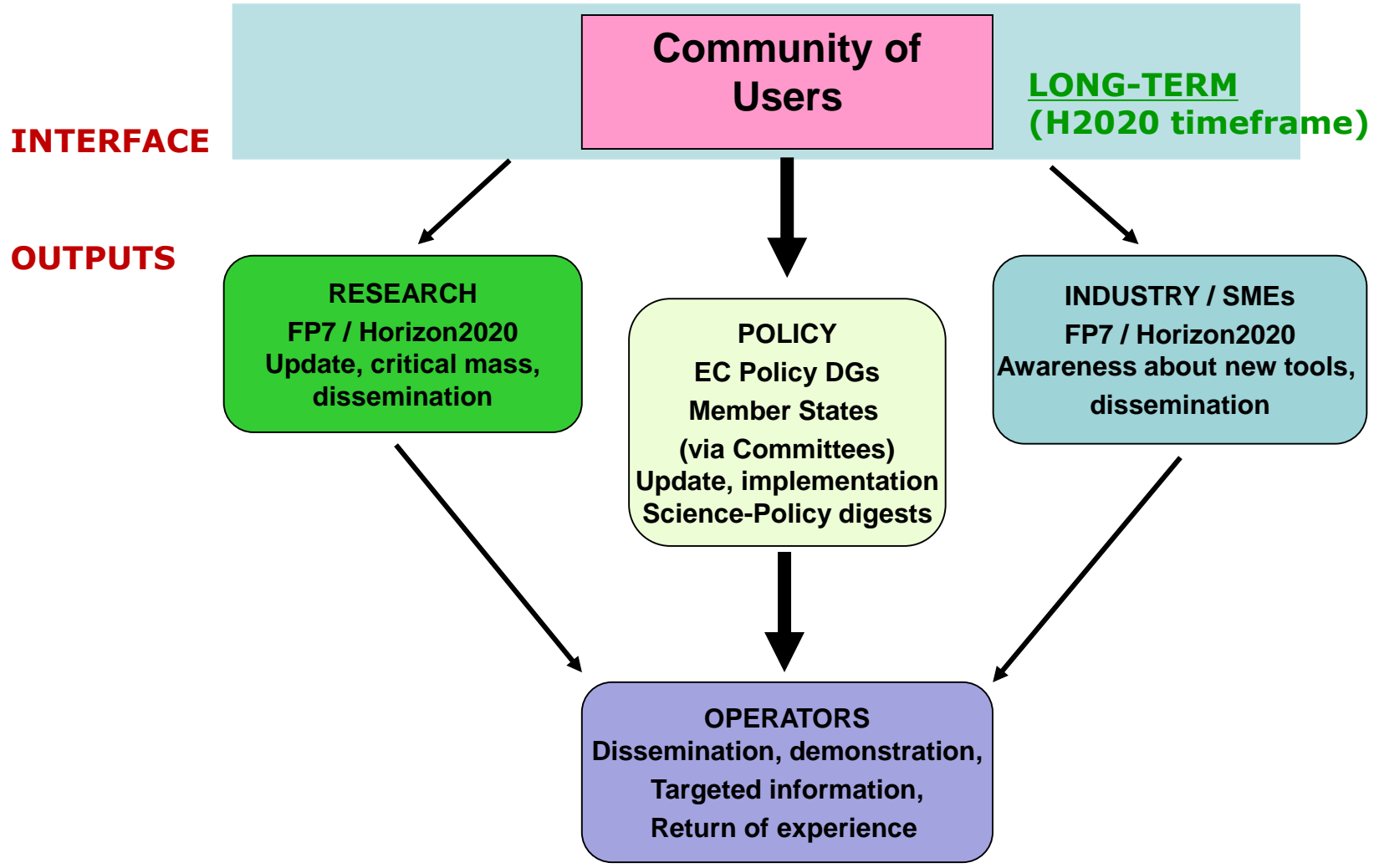
**KEY ACTORS /
PROJECTS**

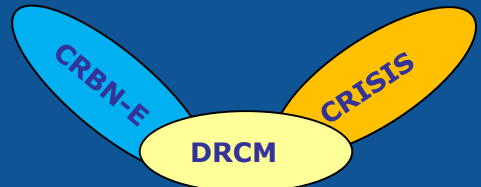


INTERFACE



Community of Users, ctd



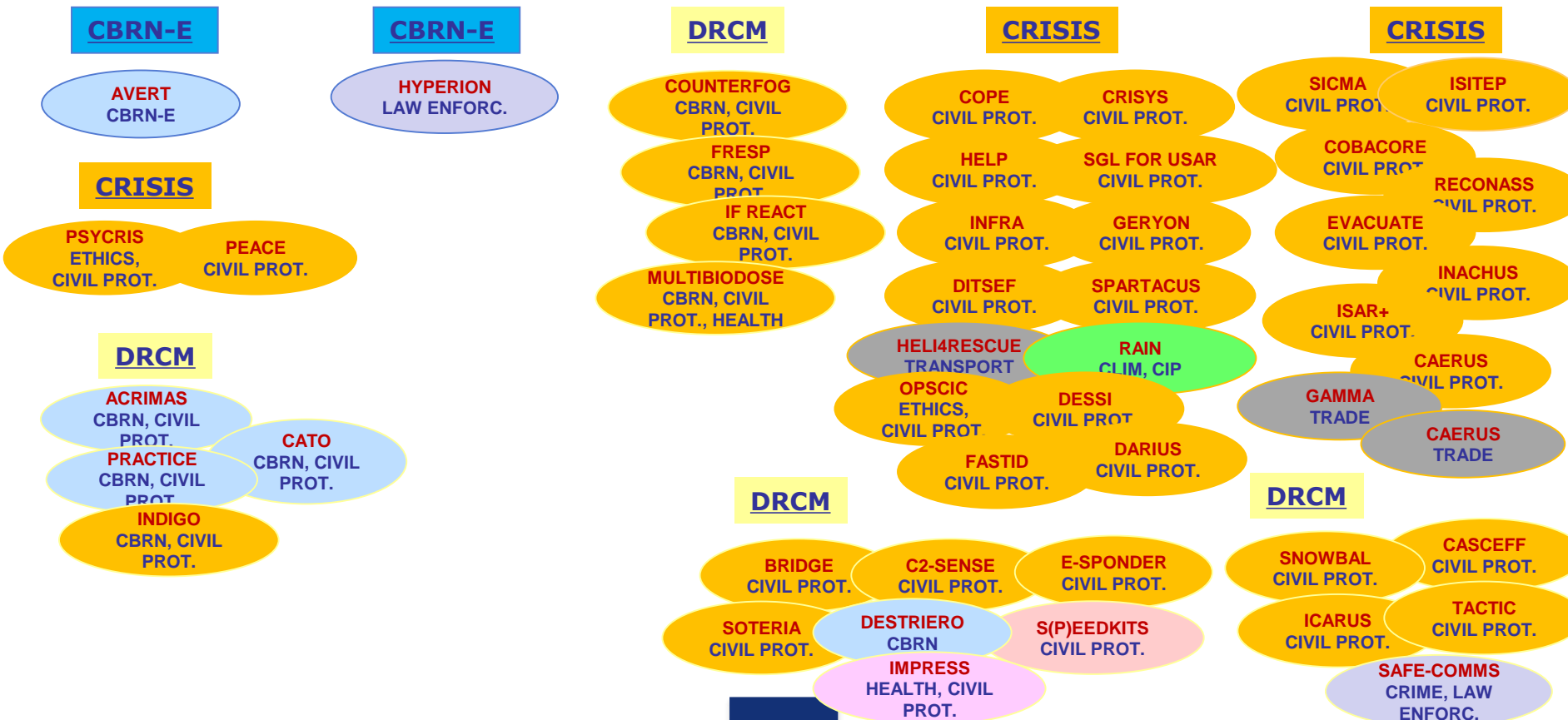


RESPONSE / RECOVERY

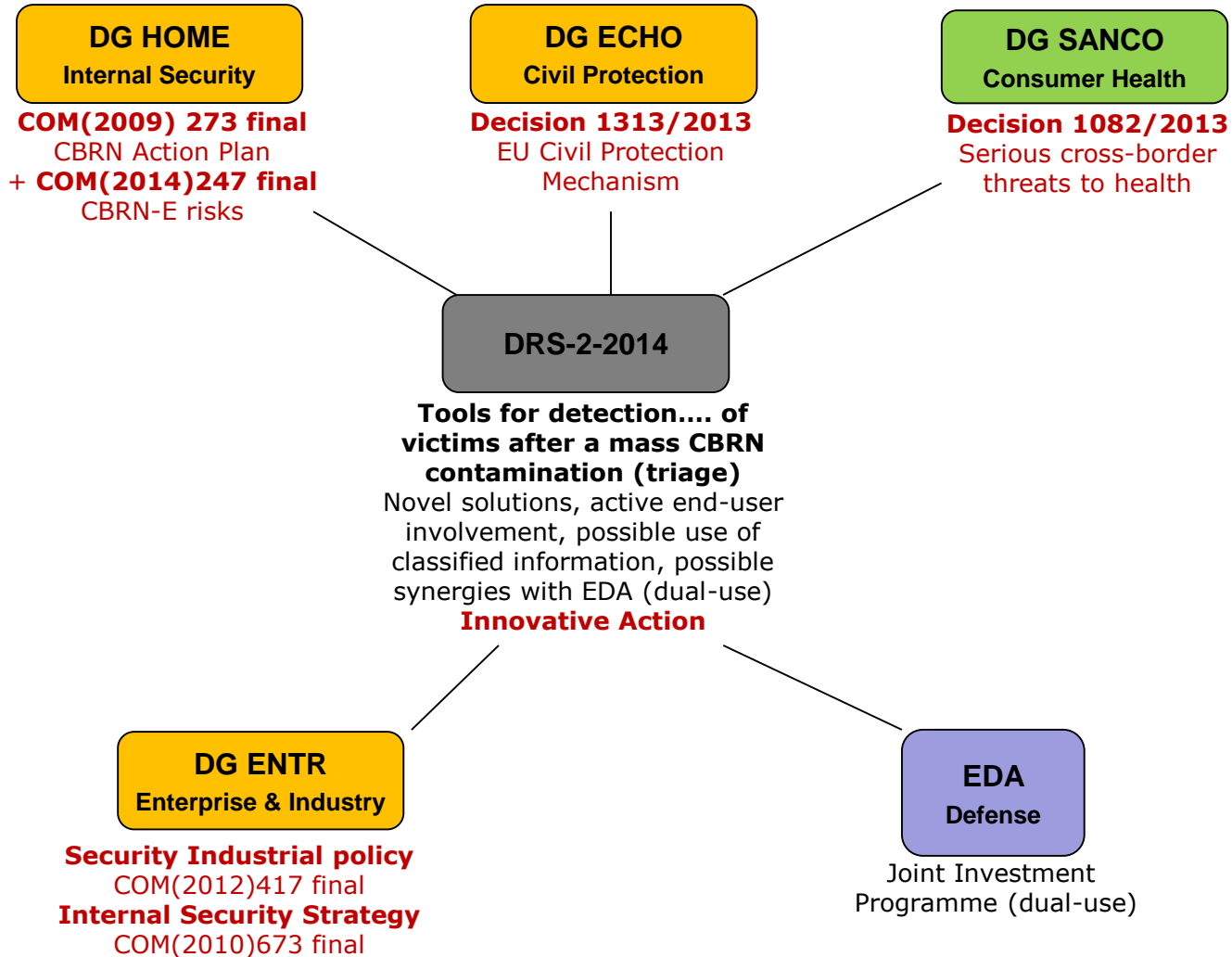
CBRN-E ACTION PLAN

CIVIL PROTECTION

- Emergency response, Threat assessments
- Criminal investigations and forensics
- Decontamination, DSS
- Response to disasters
- Planning of response operations



Better preparing the ground for H2020 projects: CBNR-E (example)





How will we proceed?

- **Short-term (Spring 2015)**: Mapping of security-related policies and FP7 projects (first draft distributed to you for further reviews) to be complemented with projects from DG R&I and CNECT, as well as EDA-funded projects – Feedback expected from policy representatives and project coordinators. Consolidated document available at the 2nd CoU meeting
- **Medium-term (Spring to December 2015)**: Collecting views and inputs on H2020 developments from CoU participants – Operationalising the links among future research projects and policy sectors
- **Long-term**: Consolidation of the CoU exchange platform with expected supporting impact on H2020 and policy implementation – enhanced links with users, return of experiences from industry and operators (access to market)