



Strengthening the link with end-users

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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

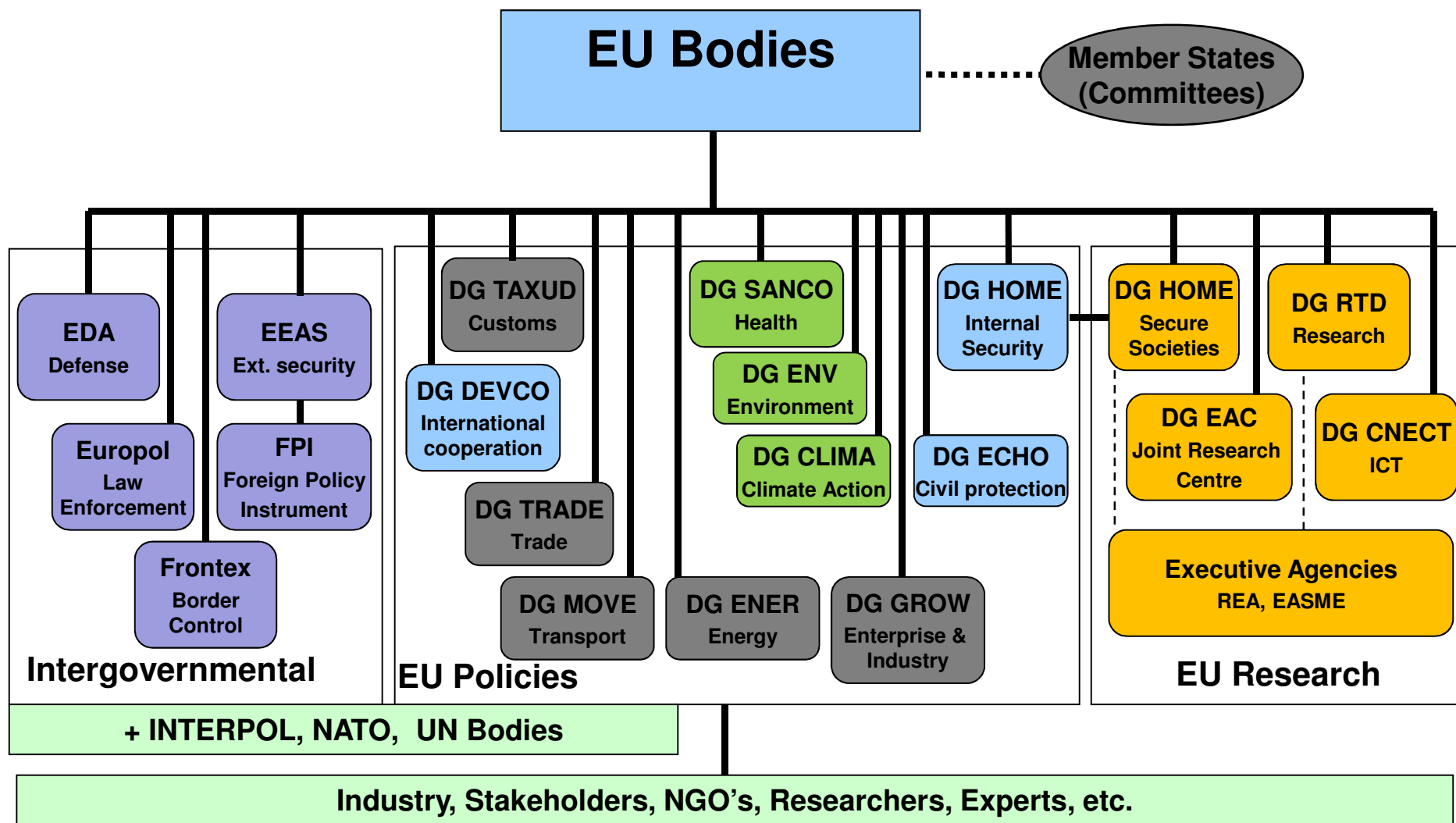
Border crossing points, information management, supply chain security

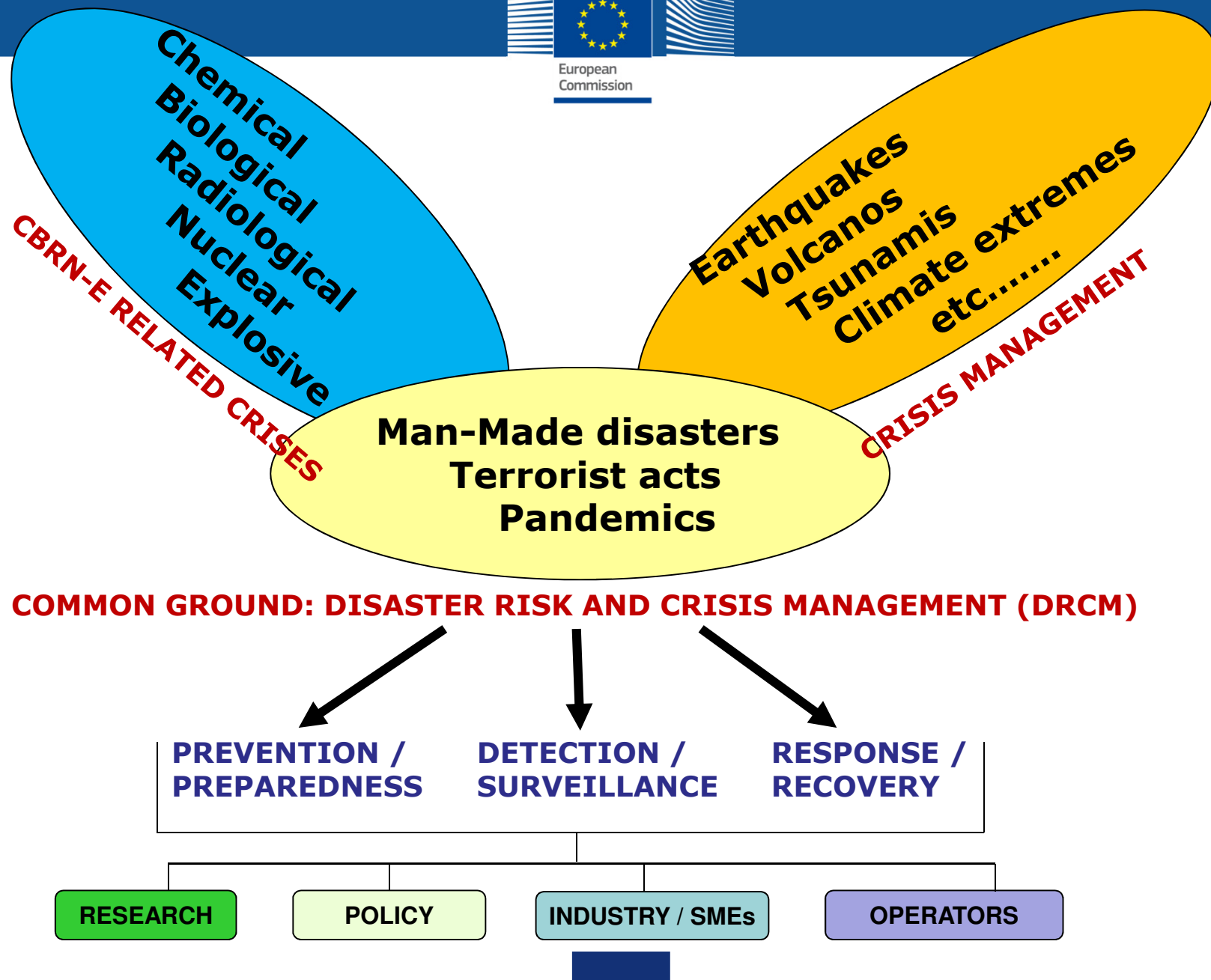
Digital Security

Privacy, access control, trust eServices, Secure information sharing

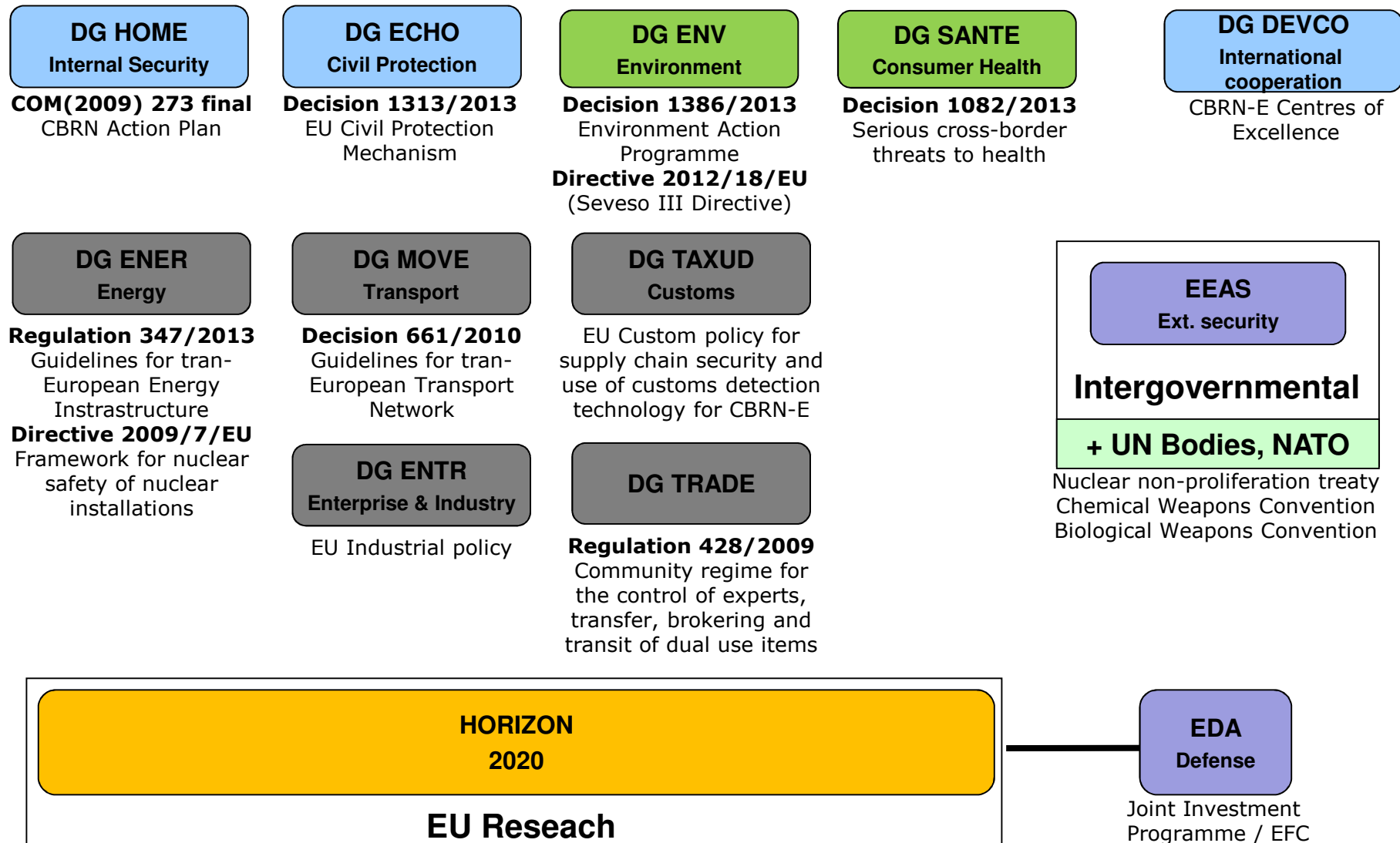
Ethical/Societal dimension



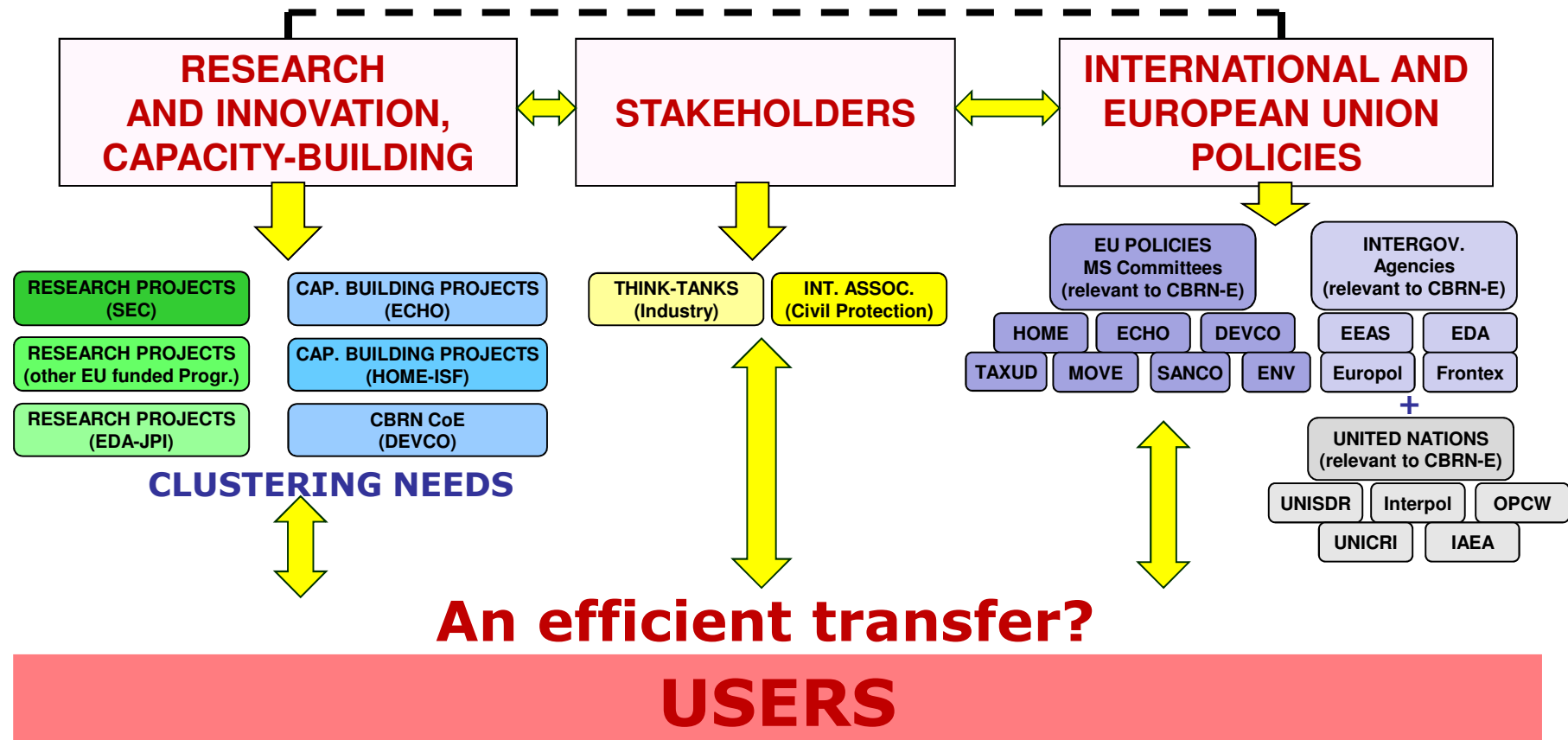




Fighting fragmentation: Policy to policy?



Fighting fragmentation: Science to policy?



Mapping of FP7 vs policy sectors and operational features



POLICY: Technical challenges?

CBRN-E ACTION PLAN

PREVENTION PREPAREDNESS

- Xxxxxx
- Xxxxxxx
- xxxxxxx

DETECTION SURVEILLANCE

- Xxxxxx
- Xxxxxxx
- xxxxxxx

RESPONSE RECOVERY

- Xxxxxx
- Xxxxxxx
- xxxxxxx

HORIZONTAL ACTIONS

- Xxxxxx
- Xxxxxxx
- xxxxxxx

CIVIL PROTECTION

- Xxxxxx
- Xxxxxxx
- xxxxxxx

- Xxxxxx
- Xxxxxxx
- xxxxxxx

- Xxxxxx
- Xxxxxxx
- xxxxxxx

- Xxxxxx
- Xxxxxxx
- xxxxxxx

HEALTH

- Xxxxxx
- Xxxxxxx
- xxxxxxx

- Xxxxxx
- Xxxxxxx
- xxxxxxx

- Xxxxxx
- Xxxxxxx
- xxxxxxx

- Xxxxxx
- Xxxxxxx
- xxxxxxx

RESEARCH: Response to policy challenges?

2010

- Xxxxxx
- Xxxxxxx
- xxxxxxx

- Xxxxxx
- Xxxxxxx
- xxxxxxx

- Xxxxxx
- Xxxxxxx
- xxxxxxx

- Xxxxxx
- Xxxxxxx
- xxxxxxx

2011

- Xxxxxx
- Xxxxxxx
- xxxxxxx

- Xxxxxx
- Xxxxxxx
- xxxxxxx

- Xxxxxx
- Xxxxxxx
- xxxxxxx

- Xxxxxx
- Xxxxxxx
- xxxxxxx

2012

- Xxxxxx
- Xxxxxxx
- xxxxxxx

- Xxxxxx
- Xxxxxxx
- xxxxxxx

- Xxxxxx
- Xxxxxxx
- xxxxxxx

- Xxxxxx
- Xxxxxxx
- xxxxxxx

MAPPING



PREPAREDNESS

CBRN-E ACTION PLAN

Projet xxx
• Xxxx
• xxxx

Projet xxx
• Xxxx
• xxxx

Projet xxx
• Xxxx
• xxxx

CIVIL PROTECTION

Projet xxx
• Xxxx
• xxxx

Projet xxx
• Xxxx
• xxxx

Projet xxx
• Xxxx
• xxxx

HEALTH

Projet xxx
• Xxxx
• xxxx

Projet xxx
• Xxxx
• xxxx

Projet xxx
• Xxxx
• xxxx

PREVENTION / PREPAREDNESS

MAJOR ACCIDENTS HAZARDS

SECURENV
ENVIRONMENT

AF3
CIVIL PROT.

HORIZON 2020

DRS-15-2015: Protection
of hazardous sites

CRITICAL INFRASTRUCTURES

AFTER
ENERGY

ARGOS
ENERGY

EURACOM
ENERGY

SPARKS
ENERGY

CIPRNET
ENERGY

INSPIRE
ENERGY

COCKPITCI
ENERGY

PRECYSE
ENERGY

CRISALIS
ENERGY

DESURBS
CIVIL PROT.

EMILI
CIVIL PROT.

HIPOW
CIP

MICIE
CIP

NI2S3
CIP

PROGRESS
CIP

RIBS
CIP

SECCRIT
CIP

SEGRID
CIP

SESAME
CIP

SPIRIT
CIP

STRUCTURES
CIP

VITRUV
CIP

CROSS-BORDER THREATS TO HEALTH

ATHENA
HEALTH

EXPEDIA
CBRN-E,
HEALTH

HORIZON 2020

DRS-4-2014: Health / security
protection in case of large-scale
pandemics

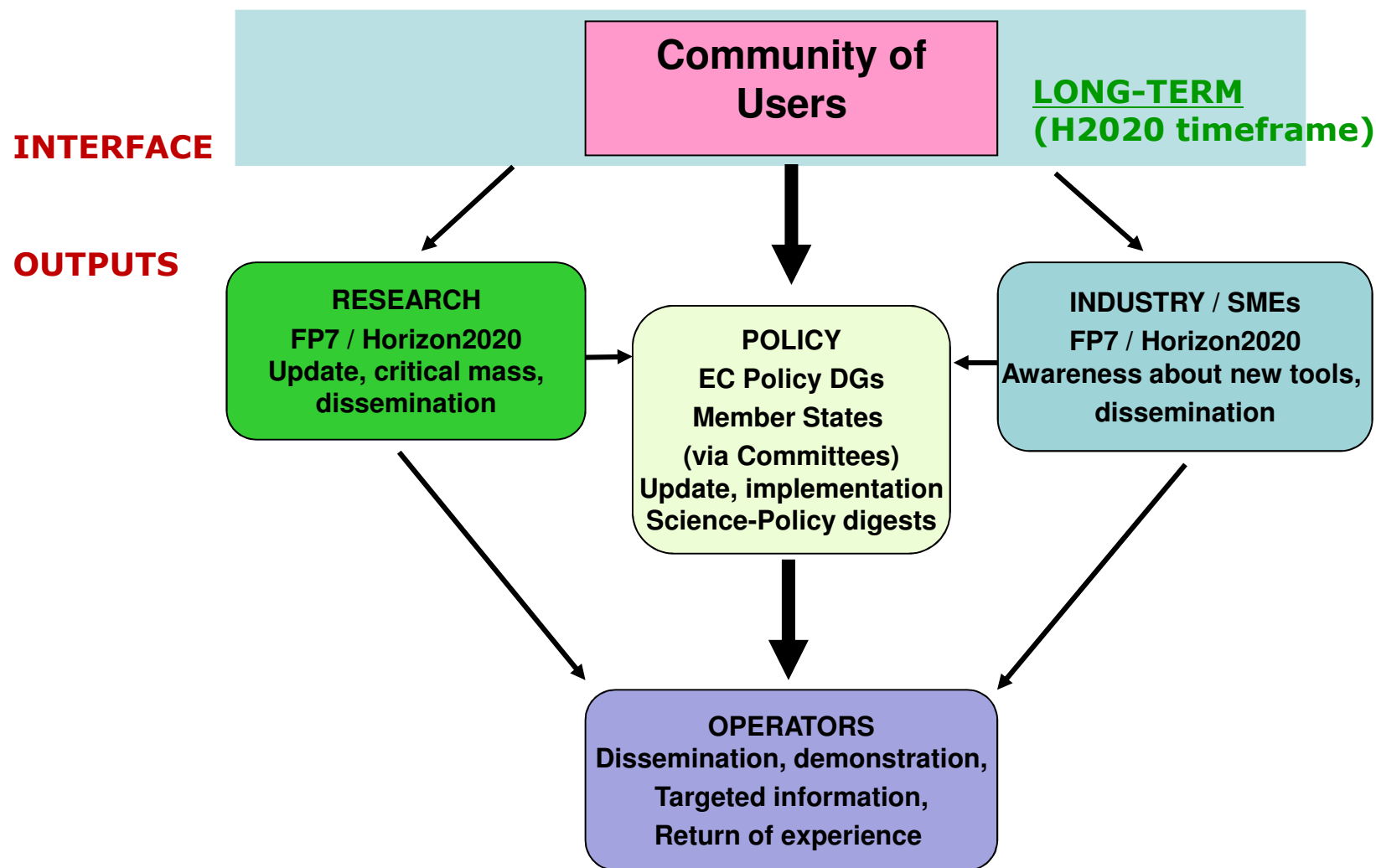
CLIMATE CHANGE

INTACT
CLIM

HORIZON 2020

DRS-20-2014: Critical Infrastr. Protection from insider threats
DRS-12-2015: Smart grid protection and resilience
DRS-13-2015: Adapting building / infrastr. standards
DRS-14-2015: Critical Infrastr. Indicator (resilience)
DRS-17-2014/2015: Protection of urban targets and CI

Community of Users





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





Key objectives of the Community of Users

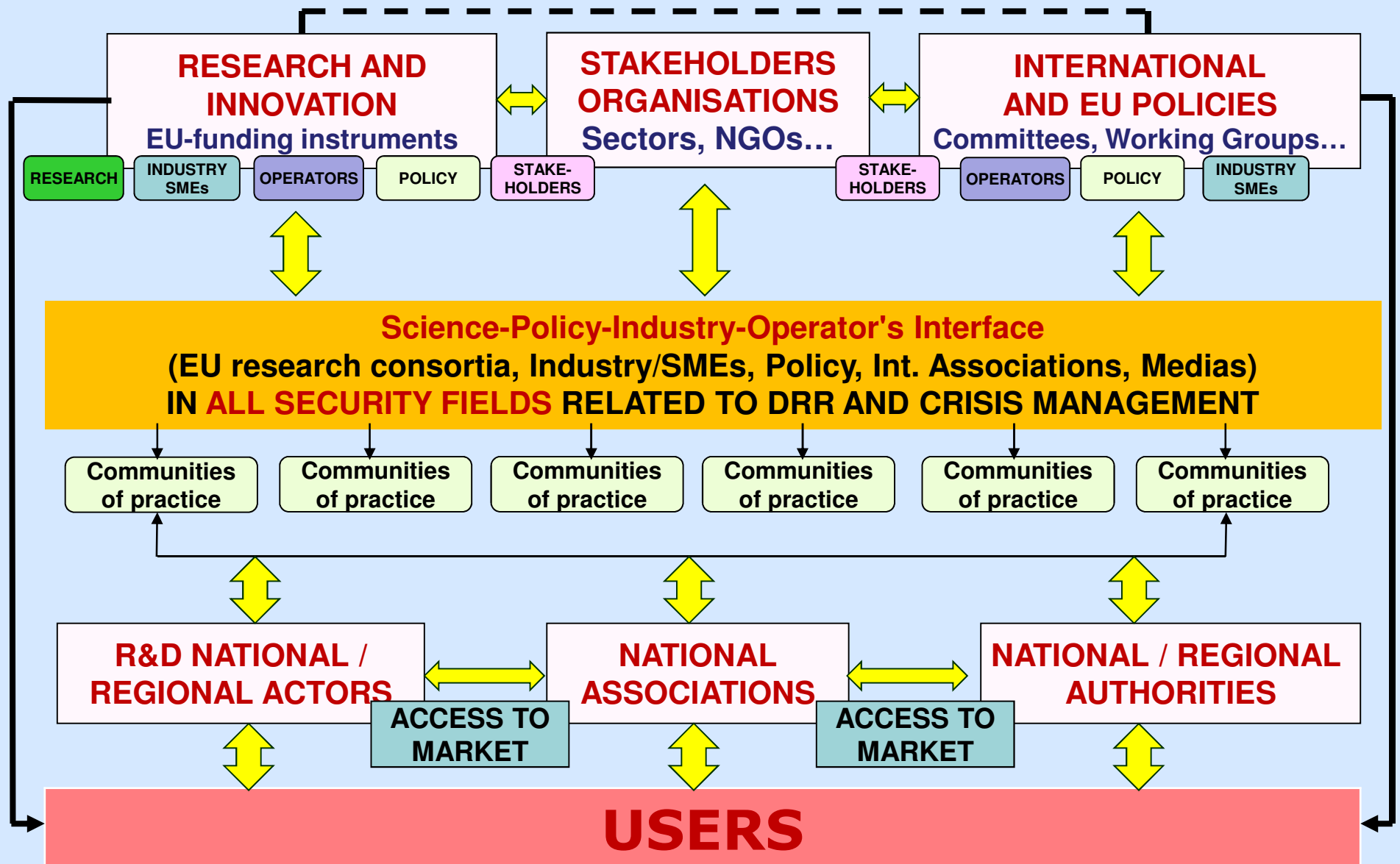
1. Ensuring that research programming (particularly H2020) takes account of practitioner's needs, thereby promoting research results that are relevant to them
2. Identifying the most promising tools and methods (including those developed in FP7 and H2020 projects) that have the potential to be taken up by practitioners
3. Supporting the competitiveness of EU industry by enhancing the market for research results
4. Ensuring that practitioners' expertise is available to policy makers, thereby facilitating the policy-making process
5. Facilitating the implementation of policy.



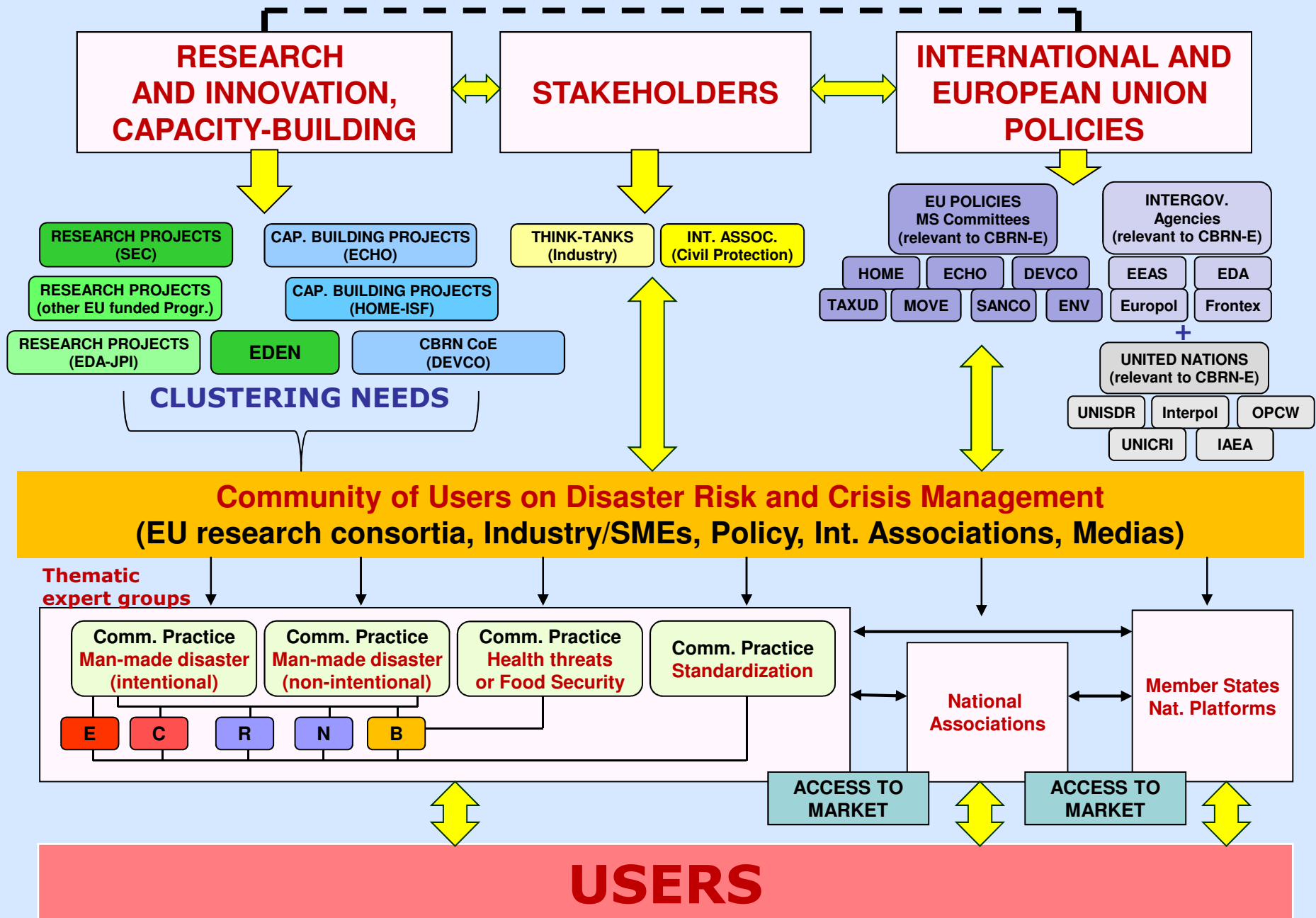
COMMUNITY OF USERS: Where are we standing?

Contacts taken with different users, +1000 registered members

Next meeting: 29 February with focus on CBRN-E



CBRN-E





How will we proceed?

- **Short-term (End 2015):** Finalising mapping of security-related policies and FP7 projects. Report publicly available in early January
- **Medium-term (1st half of 2016):** 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, involvement of first responders)

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