



European  
Commission

# Horizon 2020 Secure Societies WP 2017

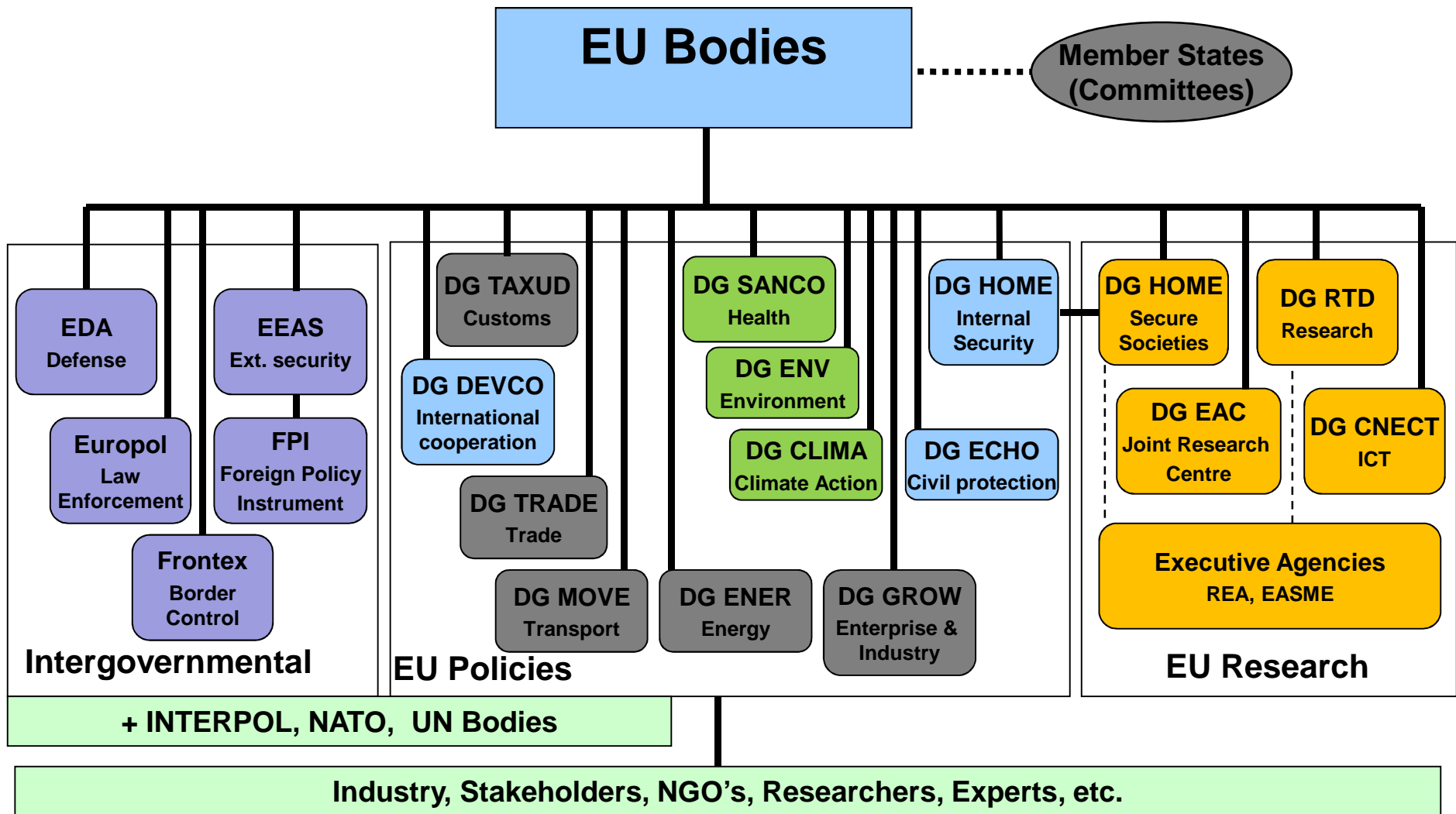
## DRS call

*DG Migration and Home Affairs*

A close-up, artistic photograph of a human eye, looking slightly to the right. The eye is rendered in shades of blue and white, with a bright light reflecting off the iris. Overlaid on the image are various digital elements: binary code (0s and 1s) in different colors (blue, white, orange), semi-transparent white arrows pointing in various directions, and a grid of small white squares. The overall aesthetic is futuristic and technological.

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# Disaster Resilient Societies - A complex policy landscape



# EU Policy context



## Disaster Resilient Society

**DG HOME**  
Internal Security

**COM(2009) 273 final**  
CBRN Action Plan  
+ **COM(2014)247 final**  
CBRN-E risks  
+ **European Agenda on Security**

**DG ECHO**  
Civil Protection

**Decision 1313/2013**  
EU Civil Protection Mechanism

## Environmental threats

**DG ENV**  
Environment

**Decision 1386/2013**  
Environment Action Programme  
**Directive 2012/18/EU**  
(Seveso III Directive)

## Climate threats

**DG CLIMA**  
Climate action

EU Climate Adaptation Strategy

## Health threats

**DG SANCO**  
Consumer Health

**Decision 1082/2013**  
Serious cross-border threats to health

**DG ENER**  
Energy

**Regulation 347/2013**  
Tran-European Energy Infrastructure  
**Directive 2009/7/EU**  
Safety of nuclear installations

**DG MOVE**  
Transport

**Decision 661/2010**  
Tran-European Transport Network

**DG TAXUD**  
Customs

EU Custom policy for supply chain security and use of customs detection technology for CBRN-E

## International

**DG DEVCO**  
International cooperation

CBRN-E Centres of Excellence

**EEAS**  
Ext. security

**Intergovernmental**

**+ UN Bodies, NATO**

Nuclear non-proliferation treaty  
Chemical Weapons Convention  
Biological Weapons Convention

**DG GROW**  
Enterprise & Industry

**Security Industrial policy**  
COM(2012)417 final  
**Internal Security Strategy**  
COM(2010)673 final  
**European Agenda on Security**

**DG TRADE**

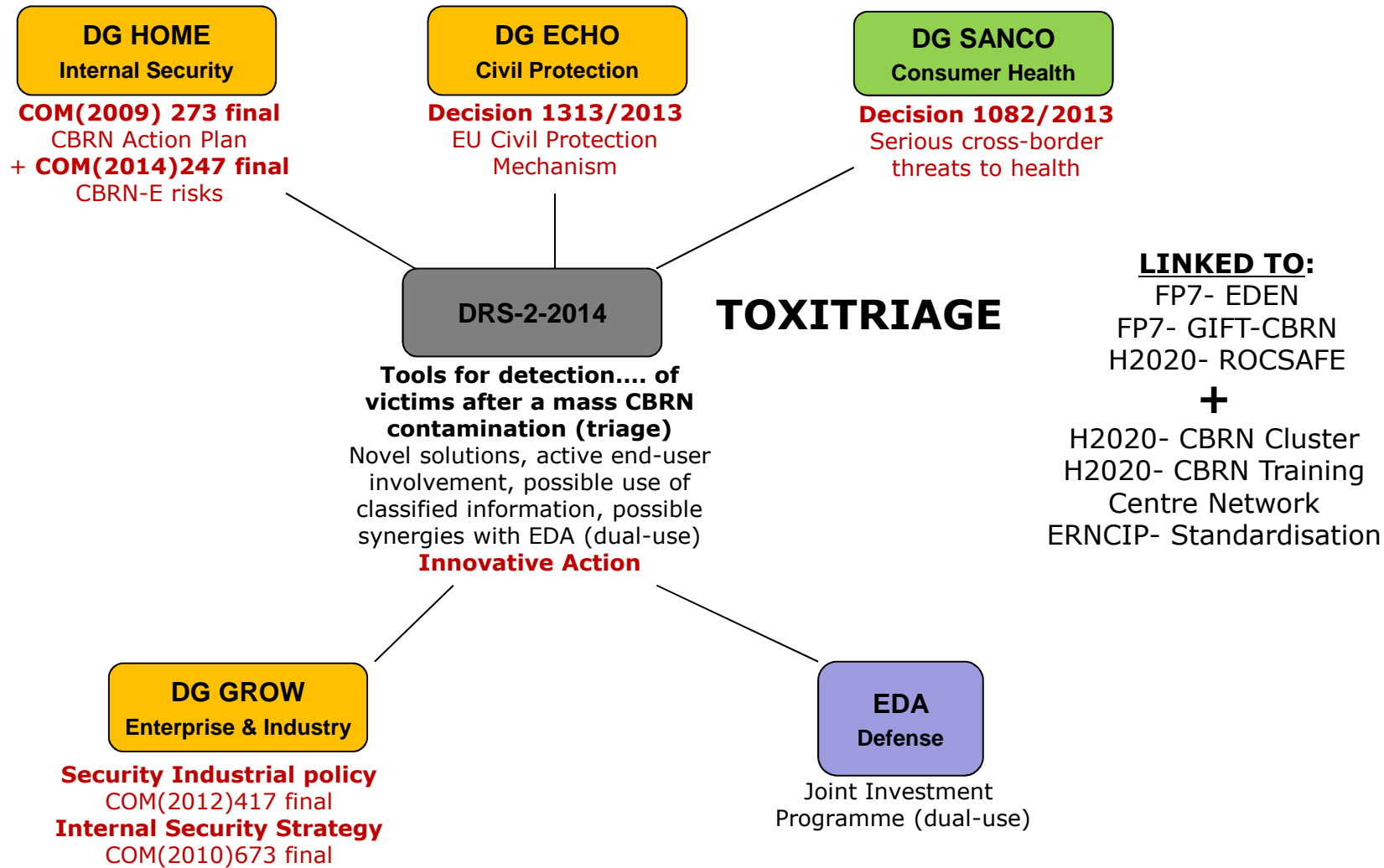
**Regulation 428/2009**  
Transit of dual use items

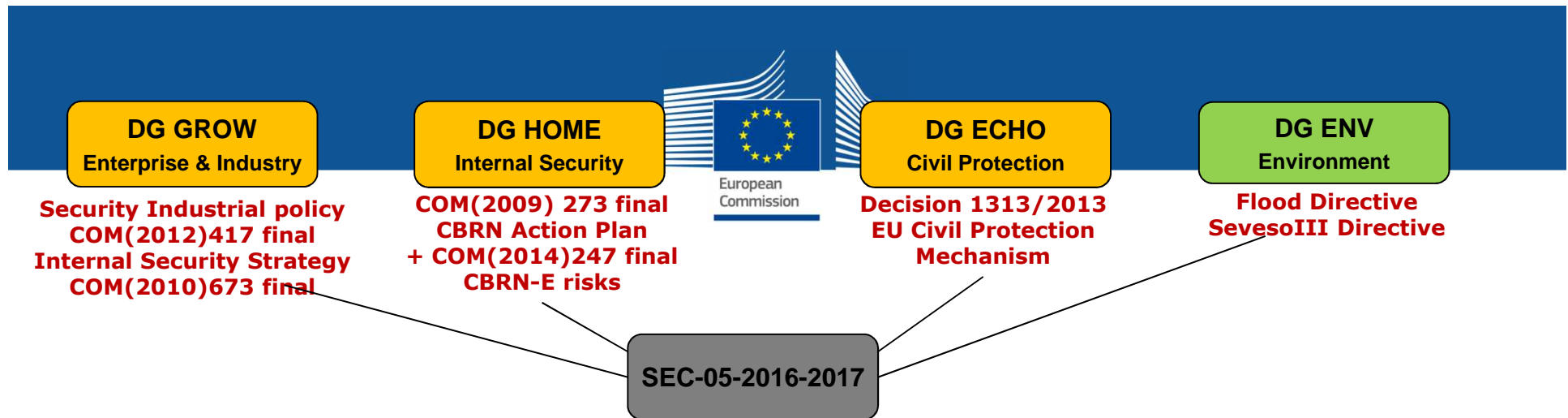
**HORIZON 2020**  
**EU Research**

**EDA**  
Defense

Joint Investment Programme / EFC

# CBRNE – On-going research efforts





## Chemical, biological, radiological and nuclear (CBRN) cluster

### Part a) "Integrating" function:

CSA to gather European companies capable and willing to market their products globally, providing platforms to integrate technologies and innovations developed by other companies in RIAs of Part b)

List of technologies made available on March 1<sup>st</sup> and further developed

Participant(s) in the CSA to enter into "Collaboration Agreement" with RIA proposed under Part b)

**"Service" function:** CSA to develop interfaces with financial institutions and provide commercial and other services enabling access to the global market for the results of the RIA selected for support under Part b)



# ENCIRCLE

European Cbrn Innovation for the market  
CLuSTER



## 2017 Call

RIAs on novel CBRN technologies and innovations **identified in the catalogue issued by the CSA**: List of technologies extracted from the EDEN project that will be made available on the call website on March 1<sup>st</sup>. Further prioritisation to be developed by the CSA by the midst of April (also made available on the call website)

### **EACH OF THE ACTIONS TO BE LED BY AN SME**

proposal will have to highlight the technologies/innovations identified from the catalogue, and include a draft collaboration agreement with the ENCIRCLE project on how results from the RIA will be exploited and integrated into platforms managed by this CSA (this CA will obviously only come into force if the proposal is selected)

#### Expected impact:

- Shorter time to market for novel CBRN technologies and innovations
- More business deals among CBRN industrial players
- More industrial products of interest to more practitioners in Europe (and world-wide)

