



#### **MEDEA**

Developing Communities of Mediterranean and Black Sea Security Practitioners to respond to evolving threats

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Mediterranean practitioners' network & capacity building for effective response to emerging security challenges



#### **Presentation Outline**



European Security Agenda

Shortcomings and Major Challenges

Existing network

Problems and potential solutions

Thematic Communities of Practice

Way forward: Issues to be addressed



### The European Agenda on Security



"Research and innovation is essential if the EU is to keep up-todate with evolving security needs".

COM(2015) 185 final

"Ensuring that EU-financed security research targets the needs of security practitioners and develops solutions to forthcoming security challenges [...]."

Mission letter of Julian King as Commissioner for Security Union



#### **Several shortcomings**



## LOSS or LACK of effective interfaces among Practitioners, R&D and Policymakers.

- × No availability of requirements
- × No awareness about availability of solutions
- → Available but 'confidential'
- → Available but 'suppressed' or distracted from within the organisation
- → Available but not transferred/not timely transferred
- → Available but not suitable/compatible with requirements
- × Not appropriate 'translation' of DATA into INFORMATION into EVIDENCE into FACTS into ACTIONABLE KNOWLEDGE for policy action



## The gap between science & practice



LOGICS (institutional mandates)

Mismatch in: LANGUAGES (diagnoses of the problem)

CAPACITIES (to perform necessary tasks)

Out-of-Sync: TIME HORIZONS (for planning/delivery)
WILL TO COOPERATE



#### The Problems and .. a Solution



**Problems:** 

Lost knowledge undermines EARLY WARNING,
REACTIVE CAPACITY, and ANTICIPATORY
READINESS of organisations tasked with provision
of security & resilience

Make R&D innovative knowledge *useful*, *usable*, and factually *used* by practitioners



Solution



### **EC Support & Response**



### Strengthen Security practitioners' involvement aiming to:

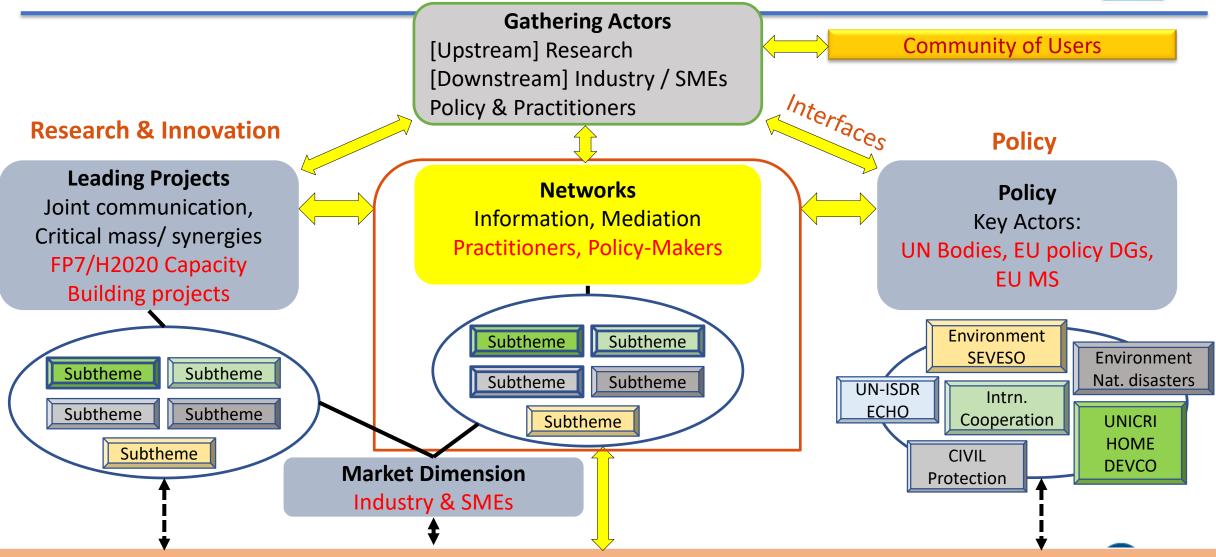
- **✓** Enhance policy support
- ✓ Improve market uptake
- ✓ Increase Innovation dimension
- **✓** Reduce oversubscription
- **✓** Reduce duplications

DG HOME policy aspects



### E.C. Capability Development Cycle





USERs: LEAs, Critical Infrastructure Operators, First Responders, Regional Authorities, Research, Civil Society ...



#### **MEDEA Vision**



The MEDEA network aspires to contribute to the establishment of more safe and secure societies throughout the M&BS region using research and innovation as a catalyst to promote collaboration between practitioners from diverse disciplines and countries.

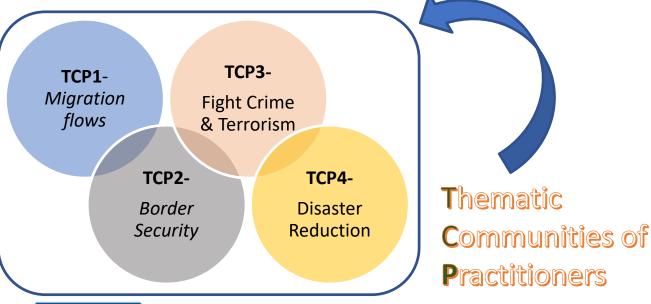


#### **MEDEA Initial Network**



#### 19 Members / 13 countries

- Med: 8 AL (1), CY(1), EL(3), ES(2),
   IT(2), FR(1), IL(1)
- BS: **2** BG(1), RO(1)
- Other EU MS: **3** BE(1), DE(2), EU(1)







#### **MEDEA Concept**



#### MEDEA project

Seed funding for establishing and operating the...

#### MEDEA network

.. an open and sustainable structure and cooperative scheme linking practitioners Academia, R&D and industry through ...

#### **MEDEA TCP communities**

Working regionally on:

- (i) Scenario-based assessment of emerging threats
- (ii) co-creation of innovation
- (iii) Fostering collaboration amongst practitioners
- (iv) Technology familiarization
- (v)Evaluating Innovative solutions

Mediterranean
Security
Research and
Innovation
Agenda



## Managing of migration flows and asylum



seekers (TCP-1)

- **SAR Operations**
- Humanitarian Aid
- Electronic identification of migrants upon arrival
- Safe and secure operations of reception centers
- Management and registration of asylum seeking persons
- Refusal of entry: improve the return process
- Identify and dismantling human smuggling networks





### **Border Management and Surveillance**



**(TCP-2)** 

- New surveillance technologies for Green/Blue borders
- Information systems and their interoperability
- Faster / more accurate checking
- Identification of irregular crossing points
- Fraudulent documents
- Clandestine entries





# Fight against cross-border organised crime and terrorism



(TCP-3)

- Radicalization
- New terrorism forms
- Return of Foreign fighters
- Smuggling of illicit drugs + weapons
- Exchange of information between LEAs
- Electronic Ids, biometrics, Fraudulent documents (TCP2)
- EU intelligence management plan suggestions





# Natural hazards and technological accidents



(TCP-4)

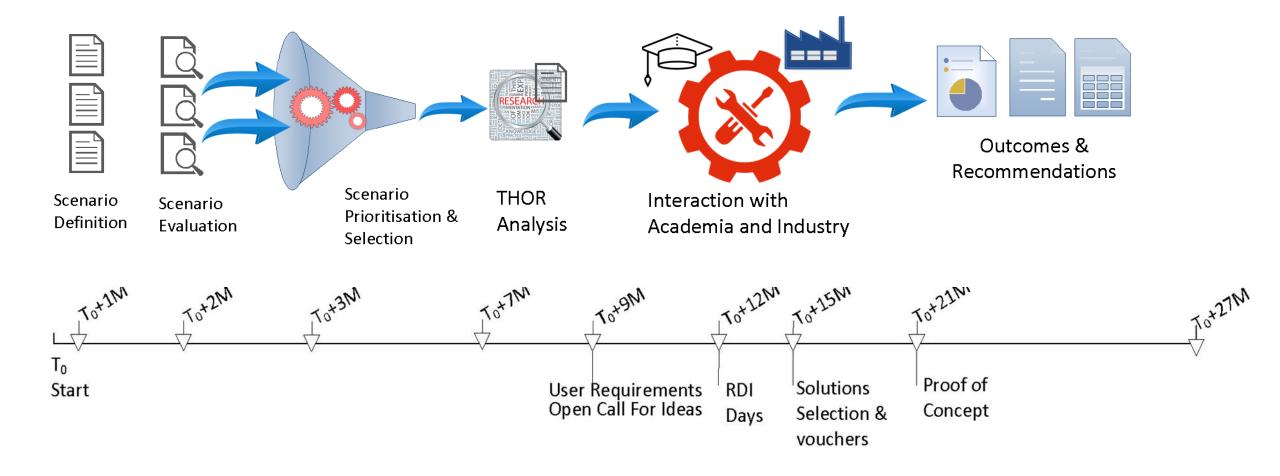
- Wildland-Urban Interface fires
- Extreme weather
- Rapid flooding
- Impact of climate change
- Geophysical events (earthquakes, tsunamis)
- Technological accidents
- Critical infrastructure resilience





#### **MEDEA Scenario Driven Approach**







#### Way forward: Issues to be addressed



- ☐ Better connect centralized 'Brain' intelligence with distributed 'Sensory' intelligence within and across organisations:
  - → How to build up capacity; turn capabilities into capacities? (Anticipation; Situational Awareness, R&D absorption, ... )?
- ☐ Minimize Blind Spots in Horizon Scanning for emerging threats AND innovative solutions:
- → How practitioners can move outside their 'ZONE OF COMFORT' and get engaged in multi-stakeholder pilots so that they influence a demand-driven future agenda?
- ☐ Build up trust and promote community-building at operational/planning level:
  - → How to proceed with targeted (win-win) sharing of sensitive information?





#### Thank you for your attention!

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