OPENING ADDRESS

PHILIPPE QUEVAUVILLER, DG HOME, EUROPEAN COMMISSION
Opening address – Boosting innovation in the CM sector, challenges and opportunities

Philippe QUEVAUVILLER
Innovation and Industry for Security
DG HOME
Community of Users

Gathering Actors: from upstream (research) to downstream (industry/SMEs) as well as key users (policy, practitioners)

LEADING PROJECTS
Joint communication, critical mass / synergies
FP7/H2020 projects
Capacity-Building projects

RESEARCH & INNOVATION

NETWORKS
Information, mediation
Practitioners, policy-makers

INTERFACE

POLICY
Key Actors:
UN bodies
EU Policy DGs
EU Member States

UNCRIMEN
HOME
DEVC

MARKET DIMENSION
Industry / SMEs

USERS: Critical Infrastructures Operators, First Responders, Regional Authorities, Research, Civil Society etc.

Innovation ecosystem in CM? Relevance and challenges
CoU Secure, Safe and Resilient Societies

THEMATIC GROUPS (ThGs)
- Representatives of respective policies, EU-funded projects, industry/SMEs, Practitioners, DGs
- Standardisation & Certification
- CBRN-E
- Natural Disasters
- Citizen Awareness
- Critical Infrastruct. Protection
- Fight against Crime & Terrorism
- Digital Security
- Border Security

EVENTS
- Technical Workshops
- High-Level Conference
- Two technical workshops (for the ThGs) a year, and Annual Security Research and Innovation Conference

TOOLS
- Tools / Technical solutions
- On-line Market Place (CBRN-E)
- Inventory of tools (methods, technologies, etc.) issued from EU-funded projects

NATIONAL AND/OR REGIONAL PLATFORMS

HIGH-LEVEL STEERING BOARD
- Annual meeting - Strategic direction
  EC Director-General level, Agencies, Member States
  Policy initiatives, guidance, Strategic Implementation Plan, endorsement of recommendations

COORDINATION BOARD
- (Operational direction)
  Heads of ThGs, DG representatives, Member States experts
  Filter function, drafting / formatting of recommendations, briefs etc.
  Implementation of CoU mandates
KEYNOTE SPEECH

MARCEL VAN BERLO, TECHNICAL COORDINATOR, DRIVER+
DIFFICULT QUESTIONS
NO EASY ANSWERS

• How to best support practitioners in their own capability development?
• How to further stimulate innovation in Crisis Management?
• How can practitioner involvement be improved?
• How many innovative solutions are really getting implemented?
• How can lessons learned and experiences best be shared?
• How to create an innovation eco-system in the field of DRR?
DRIVER+ seeks to improve the way capability development and innovation management are tackled, by assessing and validating (in realistic environments) solutions that are addressing the operational needs of practitioners dealing with Crisis Management.
THE OBJECTIVES OF DRIVER+

To develop a pan-European Test-bed for Crisis Management capability development

To develop a comprehensive Portfolio of Crisis Management Solutions

To facilitate a shared understanding in Crisis Management across Europe
HOW WILL WE REACH THE OBJECTIVES?

To develop a **pan-European Test-bed** for Crisis Management capability development

**TRIALS**
Poland, France, Austria, The Netherlands

**FINAL DEMO**
Poland/Italy

To develop a comprehensive **Portfolio of Crisis Management Solutions**

To facilitate a **shared understanding** in Crisis Management across Europe
HOW WILL WE INCREASE THE IMPACT?

Test-bed

TRIALS
Poland, France, Austria, The Netherlands

FINAL DEMO
Poland/Italy

Portfolio of Solutions

Shared understanding

I4CMs
Poland, Denmark

POLICY-DIALOGUE ROUNDTABLES
Belgium, Denmark

EXTERNAL COOPERATION
An inclusive approach
INNOVATION FOR CRISIS MANAGEMENT (I4CM) EVENTS

UNIQUE LOCAL EXCHANGE FORUMS ON PRACTITIONERS’ NEEDS AND SOLUTIONS

Poland and Denmark

To address pressing regional issues to be solved, identify best practices, foster synergies, and address issues of common interest.

To exchange on (future) needs of practitioners, already available promising solutions to address them and those that are still to be developed.

To provide a relay towards the European level and a support to the Community of Users initiative (DG HOME).
WHAT ABOUT THE 3RD EDITION OF THE I4CM?
I4CM CONFERENCE
SEPTEMBER 3
PANEL 1
Kindly hosted and organised by

INTER-AGENCY AND CROSS-BORDER COOPERATION PROCESSES AND INSTRUMENTS.
LESSONS LEARNT FROM NATIONAL EXPERIENCES AND RESEARCH PROJECTS
PANEL 1

Keynote speaker and Chair

JAKUB RYZENKO
Head of the Crisis Information Centre
Space Research Centre, Polish Academy of Sciences

INTER-AGENCY AND CROSS-BORDER COOPERATION PROCESSES AND INSTRUMENTS.
LESSONS LEARNT FROM NATIONAL EXPERIENCES AND RESEARCH PROJECTS
OUR PANELISTS
WHO ARE THEY?

TOMASZ ZWEGLINSKI
Polish Main School of Fire Service (SGSP)

KRZYSZTOF SAMP
ITTI, Polish Space Industry Association

DUSAN ZUPKA
EC/UNDP expert
TIEMS Goodwill ambassador

JAN KUIPERS
Safety Region Haaglanden
(The Netherlands)
Main challenges during major crisis-international perspective

THIRD INNOVATION FOR CRISIS MANAGEMENT (I4CM) EVENT
3-4 September 2018, Warsaw, Poland

By Dusan ZUPKA, UN and EU/EC Senior Expert in Crisis Management

Dusan Zupka/zupkad@gmail.com
Challenges around major crisis

• Overwhelming needs.
• Competing priorities.
• Destroyed/damaged infrastructure and services
• Rapid influx of providers.
• Outburst of mutual aid.
• Cascading impacts.

S. Clara-California 2018 fires=

Dusan Zupka/zupkad@gmail.com
Challenges around major crisis

- Highly stressed local officials.
- Intense media scrutiny.
- Proliferation of actors (professionalism varies)
- How to reduce inevitable chaos?
  - Strong leadership
  - Coordination
  - Contingency plans
  - Communication and information management
  - Resources
  - Common Operational Picture

Dusan Zupka/zupkad@gmail.com
Many thanks!

Questions or comments?

zupkad@gmail.com
Communication between customer and solution provider (how IT projects really work)

1. How the customer explained it
2. How the project leader understood it
3. How the analyst designed it
4. How the programmer wrote it
5. What the beta testers received
6. How the business consultant described it
7. How the project was documented
8. What operations installed
9. How the customer was billed
10. How it was supported
11. What marketing advertised
12. When it was delivered
13. What the customer really needed
14. What the digg effect can do to your site
15. The disaster recover plan
16. What the customer really needed
17. What the digg effect can do to your site
18. The disaster recover plan

Source: www.projectcartoon.com
PANEL 2
Kindly hosted and organised by

PSC Europe
Public Safety Communication Europe

CHALLENGES AND OBSTACLES IN SHARING AND COORDINATING INFORMATION DURING MULTI-AGENCY DISASTER RESPONSE
CHALLENGES AND OBSTACLES IN SHARING AND COORDINATING INFORMATION DURING MULTI-AGENCY DISASTER RESPONSE
OUR PANELISTS
WHO ARE THEY?

ADAM WIDERERA
European Research Centre for Information Systems (ERCIS) (Germany)

SANJA HOLEN
PSCE, Ministry of Interior (Croatia)

DANIELE A. GALLIANO
Joint Research Centre (JRC), European Commission (EC)

STEFAN TANGEN
International Forum to Advance First Responder Innovation (IFAFRI), Swedish Civil Contingency Agency (MSB)
DISASTERS STRIKING
DISASTERS STRIKING
EU Humanitarian Aid
@eu_echo

Over the past week a record level of EU support has been mobilised to help fight unprecedented forestfires in Sweden.

A big thanks to Italy🇮🇹, France🇫🇷, Germany🇩🇪, Lithuania_LT, Denmark🇩🇰, Portugal🇵🇹, Poland🇵🇱 and Austria🇦🇹 for showing #EUSolidarity.

11:48 AM - Jul 23, 2018
❤️ 137 🔄 95 people are talking about this
FIRST RESPONDERS COOPERATE
DATA EXCHANGES?
COMPLEXITY

From the EPISECC project (GA no. 607078)
THE IMPORTANCE OF STANDARDS DEVELOPMENT IN CASE OF MULTI-AGENCY DISASTER RESPONSE
THE IMPORTANCE OF STANDARDS DEVELOPMENT IN CASE OF MULTI-Agency DISASTER RESPONSE

PATRICIA COMPARD
Chair of the CEN/TC 391
Societal and citizen security

PANEL 3
Keynote speaker and Chair
OUR PANELISTS
WHO ARE THEY?

DAVID ADAMSON
British Standards Institution (BSI)

PHILIPPE QUEVAUVILLER
DG HOME, European Commission (EC)

PAWEŁ RYBICKI
European Forensic Initiatives Centre (EFIC)

LORENZA JACHIA
United Nations Economic Commission for Europe (UNECE)

RAINER KOCH
ISO/TC 292 Security and Resilience
BACKGROUND

SETTING THE FRAME

• Increasing globalisation, climate change, security threats growing in scale and sophistication

• Demand from European citizens to increase their security according to these new stakes

• Crisis and disasters ignoring boundaries and plans

• Multi-agency crisis and disaster response

• EU specific challenges: open space with 28 member states responsible for security, 28 governments with different territorial organisations, 24 official languages...
HOW CAN STANDARDISATION IMPROVE THE CAPABILITIES OF THE EUROPEAN UNION AND THE ONES OF THE MEMBERS STATES?
STANDARDS DEVELOPMENT IN CASE OF MULTI-AGENCY DISASTER RESPONSE

WHAT ARE “STANDARDS”?

• Documents providing specifications, guidelines or characteristics, that can be used consistently to ensure that materials, products, processes and services are fit for their purpose.

• Concrete and shared outcomes, workable for all stakeholders and developed by a consensus of experts

• Investments and powerful lever to strengthen societal security
STANDARDS DEVELOPMENT IN CASE OF MULTI-AGENCY DISASTER RESPONSE

WHAT CAN STANDARDS ACHIEVE?

• Common language
• Harmonised processes and practices
• Developing and taking up useful - and used - research and innovation
• Technical compatibility of material; interoperability of systems or data
• More cost-effective outcomes for both end-users and suppliers
• Shared methods of characterisation of products or services
• Shared conformity assessment means (certification, accreditation)
• Shared solutions to societal, commercial or technical issues
• Trust between stakeholders (practitioners, policy makers at EU and national level, solution providers, research projects, citizens...)

STANDARDS DEVELOPMENT IN CASE OF MULTI-AGENCY DISASTER RESPONSE

STANDARDISATION FRAMEWORK

GLOBAL
ISO  IEC  IUT  ICAO  ...

EUROPEAN
CEN  CENELEC  ETSU

NATIONAL
DIN  AFNOR  NEN  BSI  PKN  UNMZ  SIS  ...
STANDARDS DEVELOPMENT IN CASE OF MULTI-AGENCY DISASTER RESPONSE

CRISIS MANAGEMENT STANDARDISATION FRAMEWORK

GLOBAL
ISO/TC 292
SECURITY AND RESILIENCE

EUROPEAN
CEN/TC 391
SOCIETAL AND CITIZEN SECURITY

NATIONAL
DIN AFNOR NEN BSI PKN UNMZ SIS ...