i⁴CM

Innovation for Crisis Management

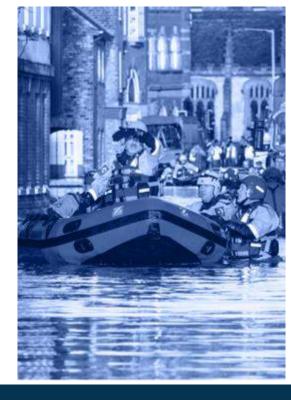# DAY 1 - I4CM CONFERENCE
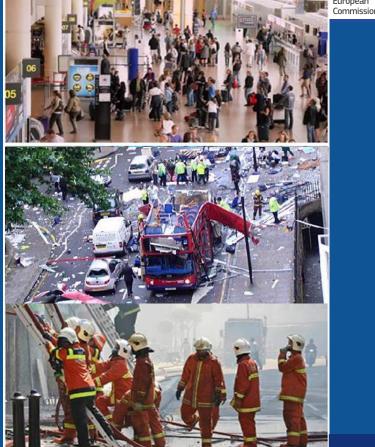
3ᴿᴰ ᴏꜰ Sᴇᴘᴛᴇᴍʙᴇʀ 2018

Wᴀʀsᴀᴡ, Pᴏʟᴀɴᴅ

OPENING ADDRESS

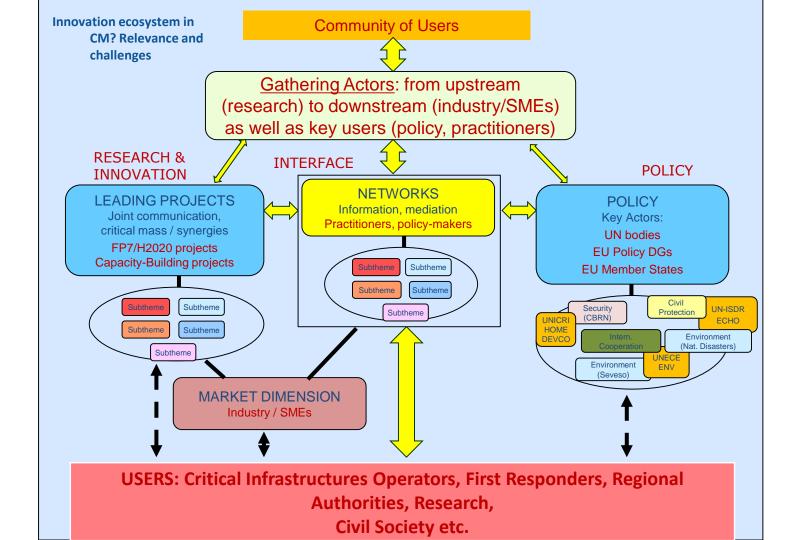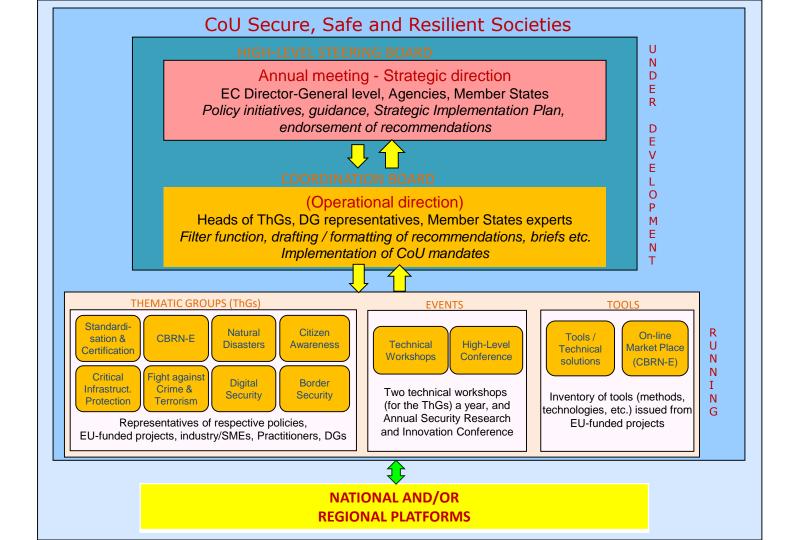PHILIPPE QUEVAUVILLER, DG HOME, EUROPEAN COMMISSION

Opening address – Boosting innovation in the CM sector, challenges and opportunities

Philippe QUEVAUVILLER

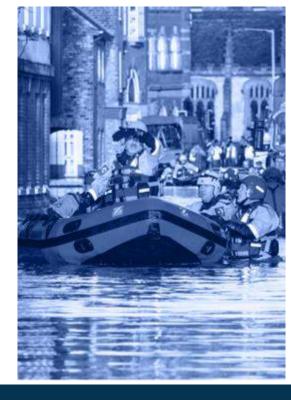Innovation and Industry for Security

DG HOME

CoU Secure, Safe and Resilient Societies

U N D E R   D E V E L O P M E N T

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*

R U N N I N G

THEMATIC GROUPS (ThGs)

Standardi-sation & Certification	CBRN-E	Natural Disasters	Citizen Awareness
Critical Infrastruct. Protection	Fight against Crime & Terrorism	Digital Security	Border Security

Representatives of respective policies,
EU-funded projects, industry/SMEs, Practitioners, DGs

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

THANK YOU FOR YOUR ATTENTION

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
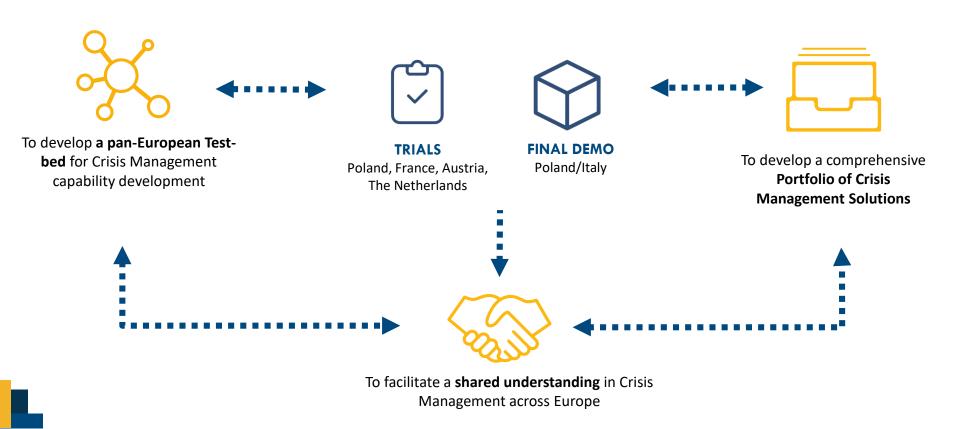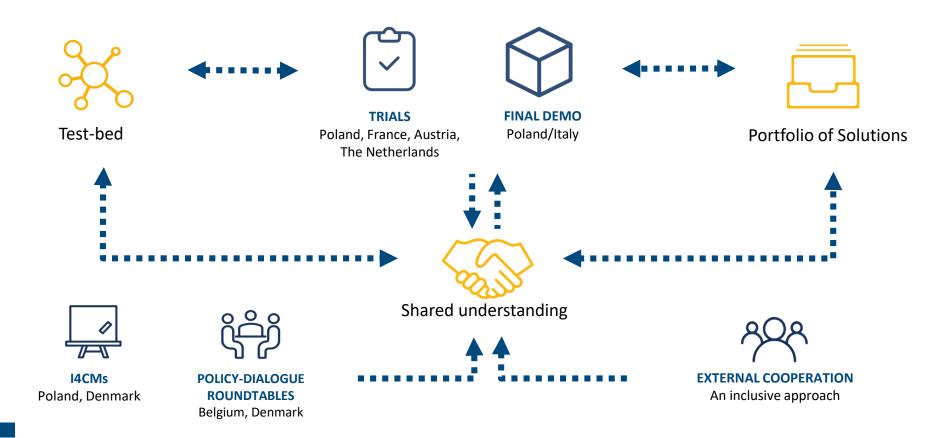
THE OBJECTIVES OF DRIVER+

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
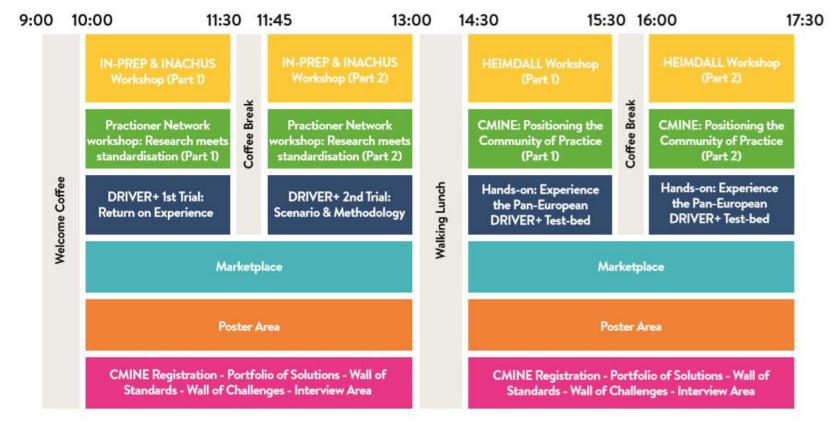
To provide a relay towards the European level and a support to the Community of Users initiative (DG HOME)

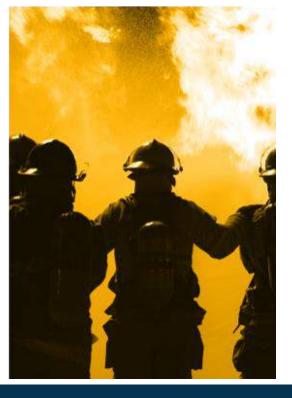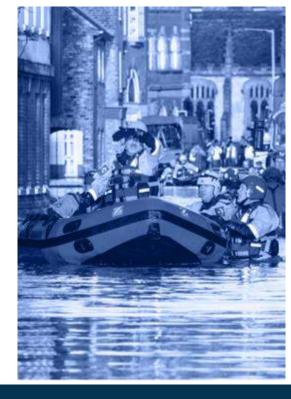# WHAT ABOUT THE 3RD EDITION OF THE I4CM?

10:00 — **11:00** — **12:30** — **13:15** — **14:30** — **15:40** — **16:50** — **17:20** — **18:45** — **21:30**

Welcome Cofee

Opening address

The DRIVER+ project and the I4CM

Panel 1 - Inter-agency and cross-border cooperation

Poster Session

Marketplace

Walking Lunch

Panel 2 - Challenges and obstacles in sharing and coordinating information during multi-agency disaster response

Panel 3 - The importance of standards development in the case of multi-agency disaster response

Cofee Break

Forum of Ideas & Wrap-up of the day

Networking Aperitivo

I4CM CONFERENCE
SEPTEMBER 3

| 9:00 | 10:00 | | 11:30 | 11:45 | | 13:00 | 14:30 | | 15:30 | 16:00 | | 17:30 |

		Coffee Break			Coffee Break		Walking Lunch

9:00 · 10:00 · 11:30 · 11:45 · 13:00 · 14:30 · 15:30 · 16:00 · 17:30

Welcome Coffee

IN-PREP & INACHUS Workshop (Part 1)

Practioner Network workshop: Research meets standardisation (Part 1)

DRIVER+ 1st Trial: Return on Experience

Coffee Break

IN-PREP & INACHUS Workshop (Part 2)

Practioner Network workshop: Research meets standardisation (Part 2)

DRIVER+ 2nd Trial: Scenario & Methodology

Marketplace

Poster Area

CMINE Registration - Portfolio of Solutions - Wall of Standards - Wall of Challenges - Interview Area

Walking Lunch

HEIMDALL Workshop (Part 1)

CMINE: Positioning the Community of Practice (Part 1)

Hands-on: Experience the Pan-European DRIVER+ Test-bed

Coffee Break

HEIMDALL Workshop (Part 2)

CMINE: Positioning the Community of Practice (Part 2)

Hands-on: Experience the Pan-European DRIVER+ Test-bed

Marketplace

Poster Area

CMINE Registration - Portfolio of Solutions - Wall of Standards - Wall of Challenges - Interview Area

I4CM OFF
SEPTEMBER 4

THE PANEL DISCUSSIONS
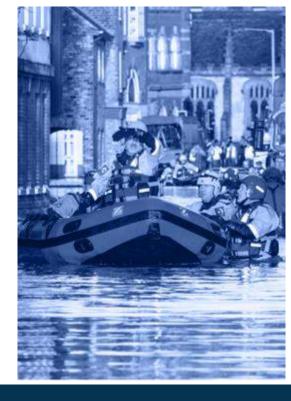
PANEL 1

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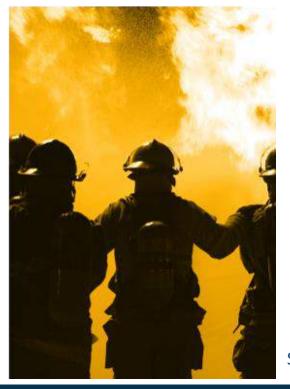
iTTi

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?
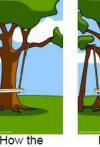
zupkad@gmail.com

Communication between customer and solution provider
(how IT projects really work)
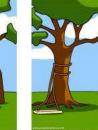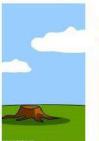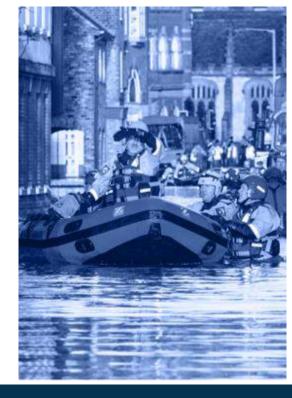
PANEL 2

Kindly hosted and organised by

PSC Europe
Public Safety Communication Europe

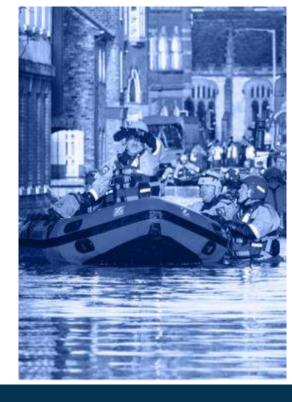CHALLENGES AND OBSTACLES IN SHARING AND COORDINATING INFORMATION DURING MULTI-AGENCY DISASTER RESPONSE

OUR PANELISTS

WHO ARE THEY?

ADAM WIDERA
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

FIRST RESPONDERS COOPERATE
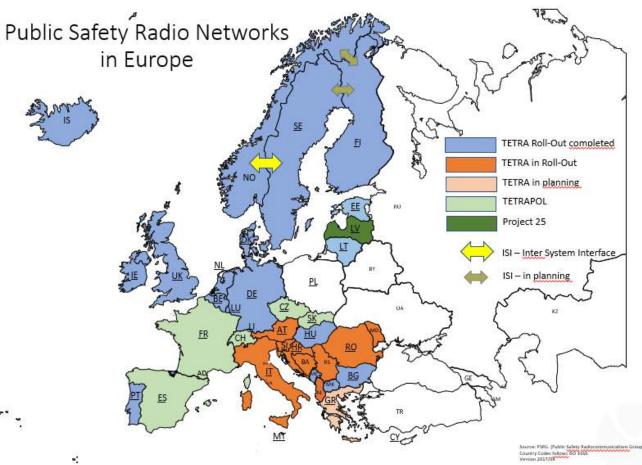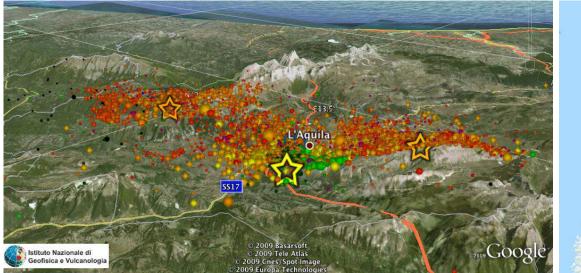
FIRST RESPONDERS COOPERATE

COMMUNICATIONS?

Public Safety Radio Networks in Europe

DATA EXCHANGES?

COMPLEXITY

*From the EPISECC project
(GA no. 607078)*
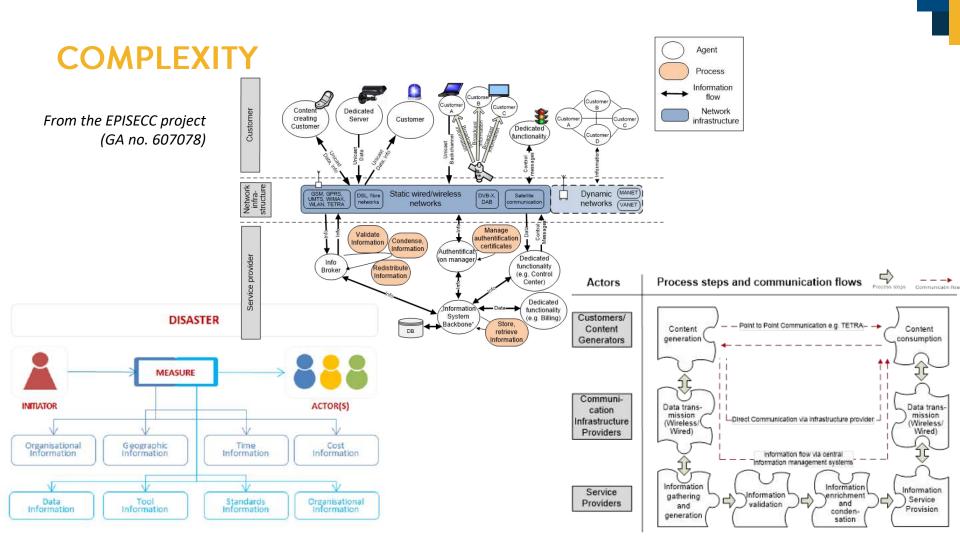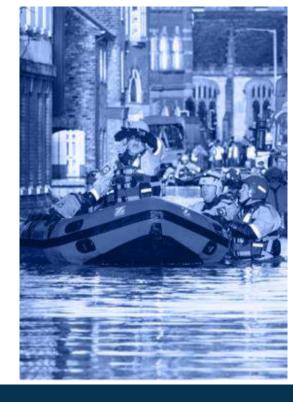
PANEL 3

Kindly hosted and organised by

DIN

PANEL 3

Keynote speaker and Chair

PATRICIA COMPARD

Chair of the CEN/TC 391
Societal and citizen security

THE IMPORTANCE OF STANDARDS DEVELOPMENT IN CASE OF
MULTI-AGENCY DISASTER RESPONSE

OUR PANELISTS

WHO ARE THEY?

DAVID ADAMSON
British Standards
Institution (BSI)

PHILIPPE QUEVAUVILLER
DG HOME, European
Commission (EC)

LORENZA JACHIA
United Nations Economic
Commission for Europe
(UNECE)

PAWEŁ RYBICKI
European Forensic
Initiatives Centre (EFIC)

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 ...