



Guidance tool
Innovative solutions
Practitioners
Research
Trials
European
Unpredictability
Interoperability
Cooperation
Trial-driven
Development
Exchanges
Portfolio of
Solutions

Initiatives
Innovation Management
Crisis

Forum
Standards
Methodology
Disasters
Test-bed
Operational needs
Standardisation
Reference implementation
Shared
Understanding
Knowledge base
CMINE
Pragmatic
Crisis

Volunteer
Experience
Challenges

I4CM - EDITION #3

SEPTEMBER 3-4 2018, WARSAW, POLAND



This event is hosted by DIN, ITTI and PSCE.



This event is kindly supported by The Polish Platform for Homeland Security and CEN/TC 391 - Societal and Citizen Security of the European Committee for Standardisation (CEN).

ABSTRACT

DRIVER+ AND THE I4CM EVENTS

WHAT IS DRIVER+?

A RESEARCH PROJECT TO DRIVE INNOVATION IN CRISIS MANAGEMENT

In May 2014, dedicated practitioners' organisations, research institutes, industries and SMEs teamed up to support the European Union to valorise the wealth of European innovation and science in Crisis Management. Until April 2020 the broad aim of the DRIVER+ project, funded under the European Union's 7th Framework Programme, will be to improve the way capability development and innovation management are addressed by assessing and delivering solutions that can be used, and combined, to address different types of large-scale crises. In this regard, the objectives of the project are:



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



To set up a comprehensive
Portfolio of Solutions
documenting Crisis
Management solutions.



To enhance the cooperation
framework for a shared
understanding in Crisis
Management across Europe.

WHAT ARE THE I4CM EVENTS?

FOSTERING A SHARED UNDERSTANDING IN CRISIS MANAGEMENT

The Innovation for Crisis Management (I4CM) events aim to contribute to building a shared understanding in Crisis Management through the organisation of an annual event focusing on Crisis Management topics, allowing issues of common interest to be addressed, to develop synergies between initiatives and to discuss the research roadmap for Horizon 2020 and beyond. The event allows local practitioners and solution providers to meet and exchange on best practices and lessons learnt, while providing projects and initiatives with an opportunity to increase their visibility and impact and to liaise with any interested stakeholders, including organisations developing similar projects in other regions of the world. It intends to make projects in the field of Crisis Management accessible to a wider range of external stakeholders in a specific region.

WHAT WILL BE THE FOCUS OF THIS 3RD EDITION?

STANDARDISATION & PRESSING ISSUES

This new edition will focus on standardisation and identified regional-national pressing issues faced by local practitioners such as inter-agencies cooperation and interoperability of communication systems. Furthermore, this edition will give the participants the opportunity to learn more on how to organise a Trial using the DRIVER+ tools; about CMINE, the new Community of Practice in Crisis Management and participants will also be able to partake in workshops organised by other projects in Crisis Management. A marketplace will be central to the event, allowing practitioners to discover innovative solutions.

AGENDA

I4CM CONFERENCE / I4CM OFF

I4CM CONFERENCE

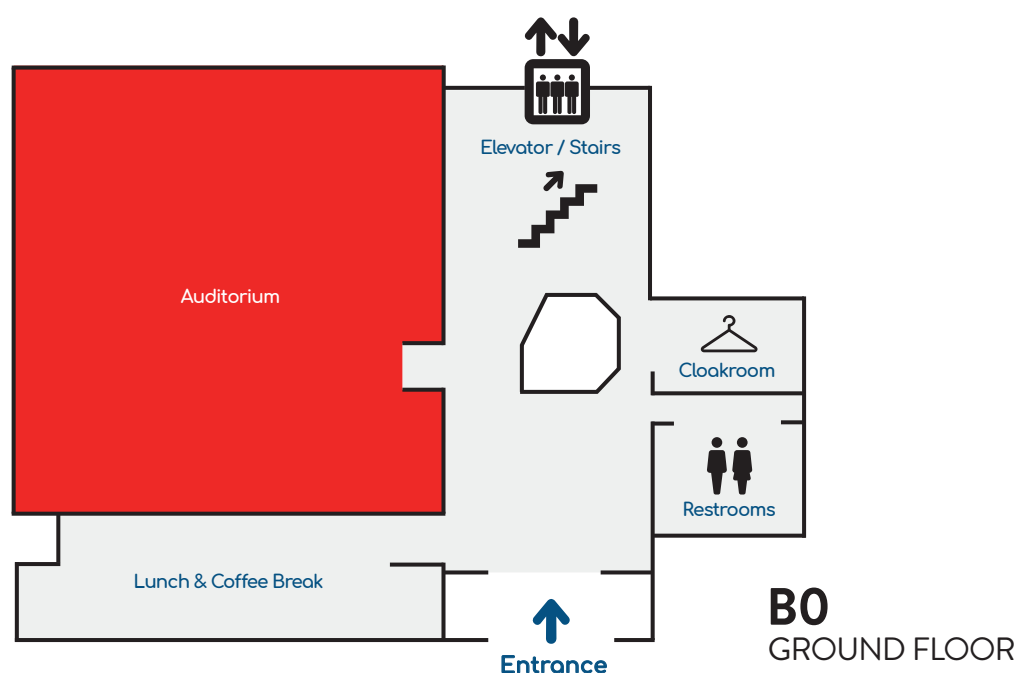
SEPTEMBER 3

The I4CM CONFERENCE programme will link the European Commission and its policy-makers with the national policy representatives, practitioners, solution providers and related projects so that they can interact on current challenges faced in the field of Crisis Management. The conference is composed of interactive panels (delivering a bottom-up and top-down approach) giving the floor to different stakeholders that are not often provided with a forum to interact.

10:00	11:00	12:30	13:15	14:30	15:40	16:50	17:20	18:45	21:30
Welcome Coffee	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	Coffee Break	Forum of Ideas & Wrap-up of the day	Networking Aperitivo	

I4CM CONFERENCE

SEPTEMBER 3

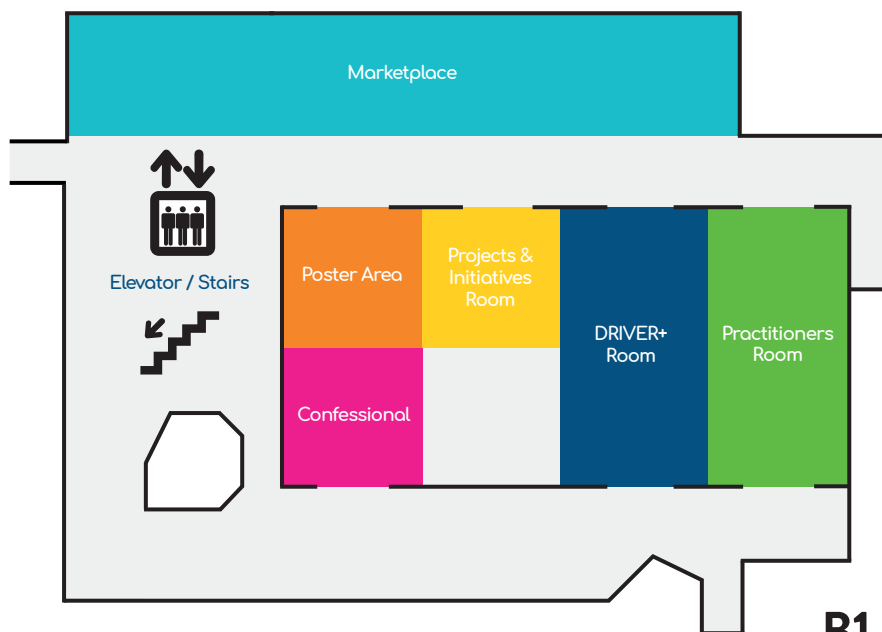


I4CM OFF SEPTEMBER 4

To provide a dynamic environment that is ripe for interactivity, the OFF programme alternates parallel workshops and hands-on sessions. This part of the programme allows attendees to partake in interactive sessions, to meet, share experiences and learn more about EC-funded projects as well as other ongoing Security and Crisis Management initiatives.

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)	Coffee Break	IN-PREP & INACHUS Workshop (Part 2)	Walking Lunch	HEIMDALL Workshop (Part 1)	Coffee Break	HEIMDALL Workshop (Part 2)	
	Practioner Network workshop: Research meets standardisation (Part 1)		Practioner Network workshop: Research meets standardisation (Part 2)		CMINE: Positioning the Community of Practice (Part 1)		CMINE: Positioning the Community of Practice (Part 2)	
	DRIVER+ 1st Trial: Return on Experience		DRIVER+ 2nd Trial: Scenario & Methodology		Hands-on: Experience the Pan-European DRIVER+ Test-bed		Hands-on: Experience the Pan-European DRIVER+ Test-bed	
	Marketplace				Marketplace			
	Poster Area				Poster Area			
	CMINE Registration - Portfolio of Solutions - Wall of Standards - Wall of Challenges - Interview Area				CMINE Registration - Portfolio of Solutions - Wall of Standards - Wall of Challenges - Interview Area			

I4CM OFF SEPTEMBER 4



B1
FIRST FLOOR

WHAT IS IN THIS BOOKLET?

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WELCOME

OPENING ADDRESS & KEYNOTE

September 3, 11:00
Auditorium, Floor B0 

The Opening address will be delivered by Philippe Quevauviller, Policy Officer at DG HOME (European Commission) and initiator of the Community of Users initiative. It will be followed by a keynote speech to introduce the DRIVER+ project and the I4CM event by Marcel van Berlo, Technical Coordinator of the DRIVER+ project (TNO).



DRIVER+ Project Consortium - Trial #1 - Warsaw (Poland)

PHILIPPE QUEVAUVILLER

POLICY OFFICER, DG HOME (EUROPEAN COMMISSION)

Philippe Quevauviller started his career at the European Commission in 1989 as scientific officer at DG Research, then as policy officer at DG Environment, and moved to the DG Home Secure Societies Programme in 2013. He was researcher in oceanography in the years 1983-1989 at the University of Bordeaux. He obtained two PhDs (oceanography and chemistry) and the highest French University degree (HDR). Besides his work at the European Commission, he is also Associate Professor at the Vrije Universiteit Brussel (VUB) and a scientific writer and editor.



MARCEL VAN BERLO

TECHNICAL COORDINATOR, DRIVER+, TNO

Dr. Marcel van Berlo is a Program Coordinator in the field of 'Human factors in Safety and Security' at TNO, the Netherlands. He holds a Ph.D in Instructional Psychology and Technology from the University of Leuven, Belgium. Marcel is a member of the EARTO Security and Defence Working Group and is the Technical Coordinator of the European FP7 research project DRIVER+. His main topics of interest are crisis management, interaction between professional responders and citizens, radicalisation, training and serious gaming, individual/community/societal resilience and public order management.



PANEL #1

INTER-AGENCY & CROSS-BORDER COOPERATION

September 3, 11:20

■ Auditorium, Floor B0

Challenges and opportunities in complex Crisis Management situations: Inter-agency and cross border cooperation processes and instruments. Lessons from national experiences and research projects: Real Cases, Exercises and Good Practices.

The growing complexity of crises may often lead to severe consequences for several areas of state competence, and hence horizontal and vertical coordination between different actors from the public area, and partnerships with the private sector, may be necessary to curb such events. Furthermore, the spectrum of potential risks that may induce a crisis has increased through the integration of several dimensions (i.e. political, social, etc.) and natural or man-made disasters may lead to crises with cascade effects across national or even international systems. Against this context there is a strong need for the exchange of experiences and good practices of inter-agency crisis management and cross border cooperation. Many practitioners involved in Crisis Management and the private sector agree that the complexity of modern crises calls for the adaptation of measures in terms of interoperability and basic standards. Moreover, there is a need to meet and be acquainted with partners from national crisis management agencies and experts from the private sector, international organisations and think tanks to exchange knowledge and strengthen cooperation in crisis management.

Given the above, the aim of the session is to bring together Crisis Management experts to discuss processes and instruments, in order to share good practices that support inter-agency cooperation in complex Crisis Management situations. The session will open to a Q&A session to allow interaction with the public.



SESSION CHAIR

JAKUB RYZENKO

Jakub Ryzenko is the Head of the Crisis Information Centre of the Space Research Centre – Polish Academy of Sciences. He is an expert in space policy, use of modern technologies for security and in particular use of satellite applications and drones for crisis management. He was the Head of the Polish Space Office and a space policy advisor to the Ministry of Economy and an expert of the Polish EU Presidency in the field of use of modern technologies and satellite applications for civil security. In 2011-2013 he was involved in the accession of Poland to the European Space Agency.



PANELISTS

DUSAN ZUPKA

Dusan Zupka has more than 30 years of professional experience in integrated and comprehensive disaster management, reduction and resilience strengthening at international level, mainly as a senior manager in the United Nations disaster/crisis management and humanitarian systems and as an independent international expert. Mr. Zupka is a Goodwill Ambassador and a resource person of TIEMS (The International Emergency Management Society), Brussels and has been working on advisory boards and/or first responders/practitioners groups in more than a dozen FP7 and H2020 Projects.



TOMASZ ZWĘGLIŃSKI

Lt. Col. Tomasz Zwęgliński has a PhD in Security Sciences, a Master of Fire Engineering and is a professional fire officer and specialist in civil protection and crises management. He is a high-level coordination expert of the European Union Civil Protection Mechanism and a CBRN expert. Fire fighter and academic, he is currently Head of the International Security Department at the the Main School of Fire Service (SGSP) in Poland. Dr Zwęgliński has been involved as a manager in national and international projects including EU and Official Development Assistance projects.



JAN KUIPERS

Jan Kuipers is a senior fire officer, working in the Safety Region Haaglanden (The Netherlands) as a clustercommander and is responsible for 10 fire stations and 250 firefighters. He is acting as General Commander of the Regional Fire Service, Company-commander and as Head of the multi-team at the incident. He started his career as a high school teacher and as a volunteer firefighter. In 1998 he was a Sector Commander in The Hague, became Head of Operations, Chief Fire Officer of the Fire Brigade of Delft and Rijswijk.



KRZYSZTOF SAMP

Krzysztof Samp obtained his M.Sc. from the Franco-Polish School of New Information and Communication Technologies (EFP), Poland. Since 1997 he has been working with ITTI in Poznan, currently in the position of Vice President. In 2004 he graduated from the MBA program run by Helsinki School of Economics. He took part in projects under EU Framework Programme, as well as EDA and ESA projects and NIAG studies. He is a Member of the Board of the Polish Space Industry Association.



PANEL #2

SHARING & COORDINATING INFORMATION

September 3, 14:30

■ Auditorium, Floor B0

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

After the event of September 11, 2001, the attacks in Paris in 2015 and the ones in Brussels in 2016, there has been a surge of interest in developing and implementing interoperable communication systems for first responders. Such voice, data and radio interoperability are a critical need for first responders (police, fire, emergency services, etc.) at the scene of an emergency or disaster, whether of natural or man-made origin. The use of properly planned, established and applied communication tools can enable the dissemination of information among command and support elements and cooperating agencies and organisations. Shortcomings in the ability to exchange crisis-related information among agencies and organisations, also related to interoperability, is a topic that has been identified by the DRIVER+ project with the help of practitioners as a major Crisis Management gap that the project should address. Interoperability is multi-dimensional; it can be legal, organisational, semantic or technical. Organisational and legal aspects refer to the mandate and willingness to share such information between levels of government or agencies that remain low, with confidentiality issues laid down as a limiting factor. The technical dimension of interoperability is affected by the huge amounts of available and shared information that can have adverse effects in terms of efficiency.

This panel will present the state of the art at EU level and beyond but also to provide a space for practitioners and initiatives to share best practices and lessons learnt. Finally, it will also provide a space for research projects to inform about activities carried out to improve the situation and present emerging or newly identified solutions. The session will open to a Q&A session to allow interaction with the public.



SESSION CHAIR

MANFRED BLAHA

Manfred Blaha is Chair of the User Committee and actually President of PSCE, the Public Safety Communications Europe Forum. He is contributing to EU-funded projects, with a focus on First Responder's needs, especially in the PSCE-coordinated broadband projects called "BroadMap" and "BroadWay". In his daily life, Manfred is a police officer in Austria's Ministry of Interior, with the rank of a Brigadier-General, looking back on more than 30 years of experience in Public Safety Communications.



PANELISTS

ADAM WIDERA

Adam Widera is the managing director of the Competence Center for Crisis Management at the European Research Center for Information Systems. He studied Political Science, Philosophy, and Political Economy at the University of Muenster (Germany). His research activities cover the areas of modeling, measurement and analysis of humanitarian logistics processes as well as the evaluation and design of information systems in the context of Crisis Management. He has been involved in projects in cooperation with international humanitarian and first responder organisations following an action research and human centred design approach.



SANJA HOLEN

Sanja Holen B. E. E is a graduate engineer of radiotelecommunications working in the Communication department of the Croatian Ministry of Interior. She has been involved in the MUPNet TETRA network since 1997 as a designer of the communication system, from implementing the voice service to data features, like AVL/automatic vehicle location and data query. In 2008 she was also a teacher at the Police Academy. She was the coordinator of the Broadway project for the Croatian Ministry of Interior and she is now involved as chair of the Technical Validation Committee.



DANIELE A. GALLIANO

Daniele A. Galliano, electronic engineer, has worked for the European Commission since 2007 as a developer of IT solutions for Crisis Management. This role includes the design and the implementation of facilities like Crisis Room (notably the one of the Department of Civil Protection of Haitian Republic in Port-au-Prince) and the technical responsibility of the European Crisis Management Laboratory. He is now Project Officer at the Joint Research Centre (JRC), Disaster Risk Management Unit.



STEFAN TANGEN

Stefan Tangen is a senior advisor at the Swedish Civil Contingency Agency where he works with international relations and standardisation activities. He currently serves as the Chair of the Capability Gap committee within the International Forum to Advance First Responder Innovation (IFAFRI). For the past 13 years he has been working internationally mostly with various standardisation committees related to security, crisis management and risk management both within the European Committee for Standardisation (CEN) and the International Standardisation Organisation (ISO). He holds a PhD in Production Engineering.



PANEL #3

THE IMPORTANCE OF STANDARDS DEVELOPMENT

September 3, 15:40

■ Auditorium, Floor B0

The importance of standards development in case of multi-agency disaster response: How can standardisation improve the capabilities of the European Union and Members States?

Standards are powerful instruments to achieve better interoperability of procedures and technology, as well as effective and efficient communication, collaboration, cooperation, and coordination between the multiple agencies involved during a disaster. Standardisation is also a valuable tool that all types of organisations can use to improve their capabilities in handling incident response in any crisis. For those who are less familiar with the standardisation area, standards in the field of Crisis Management are developed by Technical Committees (TCs) at both global and European levels. On a global level, many standards regarding disaster resilience are developed within ISO/ TC 292 Security and Resilience while at the European level, CEN/TC 391 Societal and Citizen Security develops relevant standards and decides on the adoption of ISO standards as European ones. However, developing these standards requires the involvement of those that will use them, benefit from them, and might be best equipped to describe and prioritise future standardisation needs, which is of critical importance.

This panel will present key standards (e.g., TS 17091, “Crisis management – Guidance for developing a strategic capability” or ISO 22320:2011 “Societal security - Emergency management - Requirements for incident response”) and best practices which can be of help for the Crisis Management community. Experts composing the panel will exchange and inform the audience on how standardisation can establish a fertile ground to improve Crisis Management capability as well as a solid ground for cooperation. Finally, the importance of community participation in the development of standards will be discussed. The session will open to a Q&A session to allow interaction with the public.



SESSION CHAIR

PATRICIA COMPARD

Patricia Compard is a senior Police commissioner working for the French Home office, Deputy-Head of standardisation policy's governance. She has a long term intelligence background within the French security service, the French Prime Minister intelligence coordination service and the NATO office of security. Patricia Compard is also the Chair of CEN/TC 391 Societal and citizen security.



PANELISTS

PHILIPPE QUEVAUVILLER

Philippe Quevauviller started his career at the European Commission in 1989 as scientific officer at DG Research, then as policy officer at DG Environment, and moved to the DG Home Secure Societies Programme in 2013. He obtained two PhDs (oceanography and chemistry) and the highest French University degree (HDR). Besides his work at the European Commission, he is also Associate Professor at the Vrije Universiteit Brussel (VUB) and a scientific writer and editor.



DAVID ADAMSON

David Adamson is a Lead Programme Manager at the British Standards Institution (BSI) based in London (UK), active in standardisation in governance, risk, compliance, resilience, continuity and crisis management. He has been involved in a range of national, international and European projects. Prior to that, he had a fruitful career in publishing, working in editorial, production, and commissioning - capping his publishing activities at the Taylor and Francis Group where he was Marketing Manager.



PAWEŁ RYBICKI

Paweł Rybicki is the president of the European Forensic Initiatives Centre located in Warsaw (Poland). Since 2017, he has been the member of the Steering Committee of the Innovation by Law Enforcement Agencies networking project (ILEAnet). He was the initiator of the European committee for standardisation in forensic science, CEN Technical Committee Forensic Science Processes, and its first chairman in 2012-2014.



LORENZA JACHIA

Lorenza Jachia is a trade and development economist. She has been working at the United Nations since 1995, at first in the United Nations Conference on Trade and Development (UNCTAD) and then in the United Nations Economic Commission for Europe (UNECE). Since April 2008, as the Secretary of the UNECE Working Party on "Regulatory Cooperation and Standardisation Policies", she works to bring the United Nations and the "standards community" together.



RAINER KOCH

Rainer Koch is full Professor at Paderborn University, Faculty of Mechanical Engineering (Germany). He is a volunteer fire officer and for more than 40 years member of the Fire Department Dortmund. He is a technical consultant for the Dortmund Fire Department and Deputy Head of IFR (Institute for Firefighting and Rescue Technology), the research division of Dortmund Fire Department. Additionally Prof. Dr.-Ing. Rainer Koch acts as convenor of Working Group 3 "Emergency Management" of "ISO/TC 292 Security and Resilience" and is a member of the European mirror committees.



FORUM OF IDEAS

A SPACE FOR INITIATIVES IN CRISIS MANAGEMENT

September 3, 17:20

 Auditorium, Floor B0

The Forum of ideas provides a space to deliver impactful presentations. Crisis Management Projects and initiatives have been invited for a 10 minutes impactful presentation to inform the audience about their respective activities, solutions and results.



The BROADWAY project: Procuring Innovation activity to enable a pan-European broadband mobile system for PPDR

Sanja Holen - Chair of the Technical Validation Committee



The DAREnet project: Developing a practitioner network to strengthen flood resilience in the Danube Region

Dr. rer. nat. Christian J. Illing - Project coordinator



The BRIGAID project: Bridging the gap Innovation in Disaster Resilience

Justyna Waysocka-Golec and Paweł Wiktor - Project partners



The IFAFRI initiative: International Forum to Advance First Responder Innovation

Stefan Tangen - Chair of the Capability Gap committee



The SOURCE project: Creating a robust and sustainable virtual centre of excellence capable of advancing societal issues in security

Dr. Irina van der Vet - Work package coordinator



The CEN: The European Committee for Standardisation

Patricia Compard - Chair of CEN/TC 391 Societal and citizen security



The SAYSO project: Standardisation of situational awareness systems to strengthen operations in civil protection

Christoph Lamers - Project partner

SESSION MODERATOR

STÉPHANIE ALBIÉRO

Stéphanie Albiéro holds an MBA in International Affairs & Development. She worked within France Expertise Internationale where she was dealing with multi- and bilateral-funded projects. Stéphanie also worked as Project Coordinator to promote international cooperation, gathering Governments Officials and Businesses, and at Sigma Orionis where she was in charge of the Asian branch of the International Cooperation Unit. She joined ARTTIC to lead the Impact, Engagement and Sustainability activities of the DRIVER+ project.



IN-PREP & INACHUS WORKSHOP

FROM RESPONSE PLANNING TO FIELD OPERATIONS

September 4, 10:00 - 13:00

Projects & Initiatives Room, Floor B1 

Crisis incidents may result in difficult working conditions for Urban Search-and-Rescue (USAR) crews and civil protection agencies need an accurate, real time picture of the situation on the ground as well as the bigger picture. INACHUS aims to achieve a significant time reduction related to Urban Search and Rescue (USAR) phase by providing wide-area situation awareness solutions for improved detection and localisation of the trapped victims assisted by simulation tools for predicting structural failures and a holistic decision support mechanism incorporating operational procedures and resources of relevant actors. On the other hand, IN-PREP is creating a training platform to enable responders to share their viewpoints with each other while staying connected to the control room, so that the bigger picture is always in view and immediate actions can be directed in the most effective way possible.

The purpose of the workshop will be to provide the audience with an overview of the USAR tools developed by INACHUS and elaborate on how response planning and training can be optimised, by reflecting the experience of the IN-PREP project. The workshop will seek to engage with the audience and exchange best practices on how collaborative response planning for transboundary crises can be enhanced. Finally, it will facilitate a discussion on the standardisation aspects in preparedness including standards for robotic platforms in Search and Rescue and different levels of interoperability.



WORKSHOP ORGANISER

EVANGELOS SDONGOS

Evangelos Sdongos is a Researcher and Scientific Project Manager at the I-SENSE Group of Institute of Communication and Computer Systems (ICCS). Evangelos has extensive experience in the Telecommunications domain, with regards to design, planning, implementation and integration phases of Mobile/Wireless Communication Networks for either Mission Critical or Public Communications and related services. He has significant knowledge of embedded systems and sensors in particular within the Security field. He has worked in several industrial projects as well as in European research projects.



ANTONIS KOSTARIDIS

Dr. Antonis Kostaridis is the Technical Director of Satways Ltd. He has extensive experience in Electrical and Computer Engineering and is leading the company products' roadmap development as well as the design and development of commercial projects including two large scale civil command and control systems as well as the National Incident Management and Computer Aided Dispatch System of the Hellenic Fire Brigade. He has been involved in multiple European research projects, including IN-PREP, in which he acts as technical partner.



HEIMDALL WORKSHOP

DECISION MAKING PRINCIPLES & SUPPORT TOOLS

September 4, 14:30 - 17:30

■ Projects & Initiatives Room, Floor B1

In recent years wildfires in Europe have been increasing in terms of intensity, occurrence and spread due to the impacts of climate change and the lack of consistent and adequate prevention strategies. While intense and complex wildfires affect Southern countries with dramatic consequences of hundreds of people killed and large economic losses, drought in Northern Europe is causing a wave of wildfires in an unprecedented way. The current wildfire situation stresses the need to re-think the decision making principles in order to avoid the collapse of the emergency services that fight wildfires everywhere in Europe. The workshop will discuss the decision-making process using a scenario from a cross-border vegetation fire in Scandinavian countries. The scenario will be designed to allow a discussion of the factors and values that should be considered in decision-making to reach the resolution scenario using the method developed by the fire services in Mediterranean countries and also the decision support tools being developed in HEIMDALL to support that process.



SPEAKERS

MONIKA FRIEDEMANN

Monika Friedemann is coordinating the research and development work performed by DLR-DFD within the EU project HEIMDALL.



JORDI VENDRELL I FLOTATS

Jordi Vendrell i Flotats is the founder of the Pau Costa Foundation where he leads the R&D Area with the aim to better define products and services for practitioners.



NÚRIA PRAT-GUITART

Núria Prat-Guitart is coordinating the research area of Pau Costa Foundation and is manager of international projects. She has experience in applied research that connects practitioners to the scientific community.



MARC CASTELLNOU

Marc Castellnou is President of the Directors Board of the Pau Costa Foundation and a Senior Expert at the European Forest Institute (EFI).



PRACTITIONER NETWORK WORKSHOP

RESEARCH MEETS STANDARDISATION

September 4, 10:00 - 13:00
Practitioners Room, Floor B1 

How does research and innovation fit with standardisation? Which role does standardisation play in research projects and how can new solutions influence the standardisation work? These questions will be answered in the workshop. Members of the standardisation bodies and committees will explain the basics in standardisation on national and European levels and will present new developed standards in crisis management. Standards can be developed in research projects – why and how this happens will be explained by researchers who went through the process. An exchange of experiences from different research projects (see below) will complete the picture. Join the discussion, ask questions and feel free to share your ideas on the future standards in crisis management!



SESSION CHAIRS

PATRICIA COMPARD

Patricia Compard is a senior Police commissioner working for the French Home office, Deputy-Head of standardisation policy's governance. She has a long term intelligence background within the French security service, the French Prime Minister intelligence coordination service and the NATO office of security. Patricia Compard is also the Chair of CEN/TC 391 Societal and citizen security.



RENÉ LINDNER

René Lindner has a higher education in industrial engineering with focus on innovation management and has six years of experiences in standardisation, mainly within research and innovation projects in the field of security and smart cities. He is a senior project manager at DIN German Institute for Standardisation and coordinates the project BRIDGIT2 (raising awareness on standardisation within the research and innovation community).



DAVID ADAMSON

David Adamson is a Lead Programme Manager at the British Standards Institution (BSI) based in London (UK), active in standardisation in governance, risk, compliance, resilience, continuity and crisis management. He has been involved in a range of national, international and European projects. Prior to that, he had a fruitful career in publishing working in editorial, production, and commissioning - capping his publishing activities at the Taylor and Francis Group where he was Marketing Manager.



CMINE WORKSHOP

POSITIONING THE COMMUNITY OF PRACTICE

September 4, 14:30 - 17:30

Practitioners Room, Floor B1



As a representative network for the CoU initiative run by DG HOME, the Crisis Management Innovation Network Europe (CMINE) aims to reduce the fragmentation in the Disaster Risk Reduction (DRR) / natural hazards community, foster synergies between initiatives, facilitate knowledge exchange at regional, national and EU level, and increase the market uptake of solutions.

The goal of the workshop is to introduce the CMINE, an overarching Community of Practice for scientists, policymakers, practitioners, civil society and industry representatives working in the field of DRR in relation to natural hazards. During the workshop, participants will be invited to start a discussion about the CMINE concept and provide their initial feedback. Specifically, we will seek to investigate how CMINE can address untapped needs and gaps within the existing landscape of DRR/ natural hazards' initiatives in Europe. Some organisations (see below) have already expressed their interest to partake to this workshop. Join them to help building this promising Community of Practice!



SESSION CHAIRS

LAURA BIRKMAN

Laura Birkman MA MPA is a senior consultant at Ecorys, where she is Deputy Head of the Security and Justice Unit. Since 2014, Laura is leading advisory and support services for the European Commission concerning the building of a Community of Users in Secure, Safe and Resilient societies. In addition to the CoU, Laura is also leading the support facility for the International Forum for the Advancement of First Responder Innovation (IFAFRI), a global initiative seeking smarter and more affordable innovations for First Responders.



ALEXANDRA SCHMID

Alexandra Schmid MA is a consultant at Ecorys with a special focus on disaster risk management, migration governance, and counter-terrorism. Alexandra is working on the community building of DRIVER+. Furthermore, Alexandra is coordinating the Project Management Office of the International Forum for the Advancement of First Responder Innovation for DG HOME.



DRIVER+ 1ST TRIAL

RETURN ON EXPERIENCE

September 4, 10:00 - 11:30

DRIVER+ Room, Floor B1



DRIVER+ first Trial was held from 21 to 25 May 2018 in Warsaw (Poland). This Trial was set up to demonstrate the potential interest in a more integrated high-level Crisis Management system in the European Union, in terms of improved situation assessment and awareness, coordination, resource pooling & sharing, and cross-border cooperation. The Trial, which involved both tabletop and field components, served as a demonstration of a Common Operational Picture (COP) approach potential at the European level.

This session aims to present how the DRIVER+ Trial Guidance Methodology was carried out for Trial 1 and will be divided into two parts. First, the Trial owners will present for the first time key elements on the Trial assumption, execution, evaluation and initial results. Second, one of the solution providers selected for the Trial will present her experience and lessons learnt, while practitioners who played a role in the Trial will give feedback about their experience and impressions. Discussions with the audience will follow.

TRIAL #1 OWNERS

TOMASZ ZWEGLINSKI

Lt. Col. Tomasz Zwęgliński is Head of Internal Security Department, Main School of Fire Service, Poland.



MARCIN SMOLARKIEWICZ

Prof. Marcin Smolarkiewicz, PhD in Phys. Sc. is the Vice-Rector for Science and Education at the Main School of Fire Service, Poland.



PRACTITIONNERS

DUSAN ZUPKA

Dusan Zupka is a senior EC/UNDP expert and a Goodwill Ambassador of The International Emergency Management Society.



TARMO KULL

Tarmo Kull is lecturer at the Estonian Academy of Security Sciences, Estonia.



SOLUTION PROVIDER

CISKA OVERBEEK

Ciska Overbeek is a Consultant at Nelen & Schuurmans, The Netherlands



DRIVER+ 2ND TRIAL

SCENARIO & METHODOLOGY

September 4, 11:45 - 13:00

■ DRIVER+ Room, Floor B1

The Trial 2 session will present the overall preparation of a Trial following the DRIVER+ approach. The different speakers will share, in a panel discussion, their experiences as Trial 2 is now in the last preparation phase (to be held end October 2018). After a short introductory speech given by the Trial owner (VALABRE, French end-user) presenting the Trial objectives and rationale, each panelist will provide his own perspective on the trial and explain his contributions in terms of deployment of the DRIVER+ Test-bed for Trial 2, selection and technical integration of the solutions, support in implementing DRIVER+ methodology, etc.



WORKSHOP ORGANISERS

ALICE CLÉMENCEAU

Alice Clémenceau is European Project Manager at VALABRE (France) and Trial #2 owner.



RUUD VAN DEN BEUKEL

Ruud van den Beukel is the Founder and Managing Director of Merlin Software. His solution has been selected for Trial 2.



STEVEN VAN CAMPEN

Steven van Campen is MSc. Senior Designer at XVR Simulation (The Netherlands). He is the leader of the DRIVER+ Test-bed development.



NICOLA RUPP

Nicola Rupp is researcher at the University of Münster. She is responsible for the DRIVER+ Trial Guidance Methodology.



LAURENT DUBOST

Laurent Dubost is a Project Manager at Thales (France) and is Trial #2 solution coordinator.



ROB MUNRO

Rob Munro is consultant at ARTTIC. He is involved in the external cooperation, dissemination & communication activities of DRIVER+.



DRIVER+ INSTALLATION

EXPERIENCE THE PAN-EUROPEAN TEST-BED

September 4, 14:30 - 17:30
DRIVER+ Room, Floor B1

DRIVER+ installation allows the visitors to experience the Pan-European environment developed in the project. The main assets of DRIVER+, the Test-bed, the Portfolio of Solutions and the networks that benefit from the outcomes of the project, will be presented in a museum-like setting that encourages a holistic experience. Visitors will be engaged in variety of activities according to their interests and curiosity through hands-on sessions which will offer the opportunity to explore freely as well as engaging on a number of levels. Come and join us!



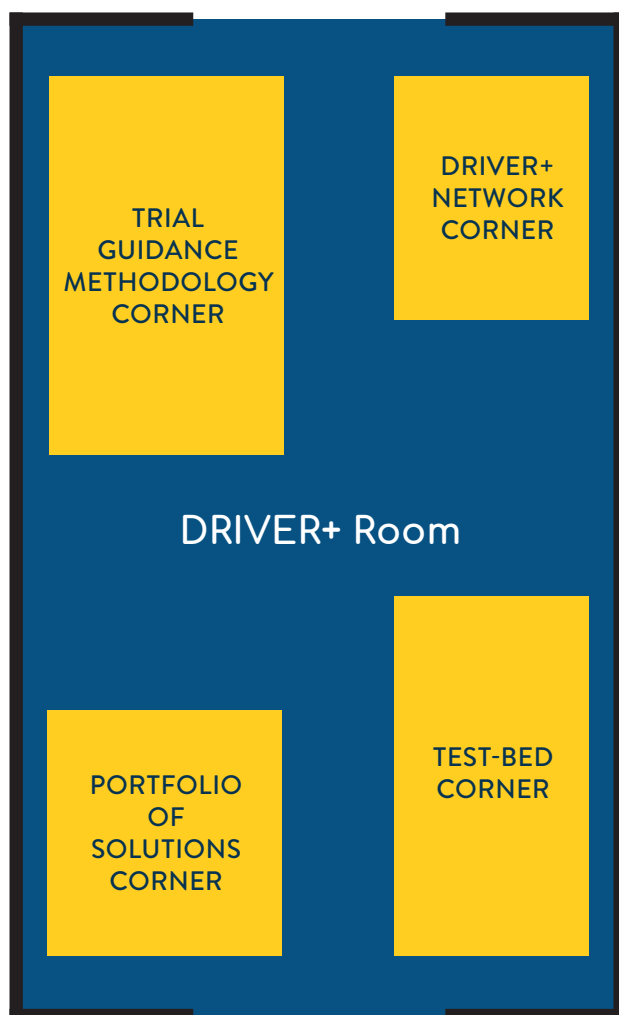
Chiara Fonio, JRC
Leader of Methodology development



Adam Widera, WWU
Trial Guidance Methodology developer



Dr. Mag. Denis Havlik, AIT
Leader of the development of the PoS database



Stephanie Albiéro, ARTTIC
Leader of SP95 Impact, Engagement and Sustainability



Marcel Van Berlo, TNO
Technical Coordinator



Erik Vullings, PhD, MSc, TNO
Leader of Test-bed development



Steven van Campen, XVR
Coordinator Training and Test-bed implementation

CONFESSIONAL

INTERVIEWS, STANDARDS, CHALLENGES AND MORE...

September 4 (all day long)

■ Confessional, Floor B1

We need you! The confessional area is the place for you to let us hear your voice, share your views and engage on a number of tools and topics. Don't be shy, it is your time!

PORTFOLIO OF SOLUTIONS REGISTRATION BOOTH

Come, discover and play with the DRIVER+ Portfolio of Solutions, an online database-driven catalogue that will document all the DRIVER+ solutions and provide information on: the results and outcomes of their usage during the trials, the specific needs they address, the type of practitioner organisations that have used them and much more!



INTERVIEW AREA

Let us hear your voice! Come behind the screen to let us know your feedback about the event, allow us to discover more about your activities, your own research, and your ideas on standardisation. We will then use these valuable inputs to better frame the next edition of the I4CM event and make sure to include your views in our DRIVER+ activities. Don't be shy, speak up now!



CMINE REGISTRATION BOOTH

Are you a practitioner, a researcher, a policymaker or a solution provider in the field of Disaster Risk Reduction? Find out about and become a member of the Crisis Management Innovation Network Europe (CMINE)! Discover the online platform which provides a forum to meet and exchange with peers on challenges, best practices and lessons learnt in the field.



WALL OF STANDARDS

It is colorful, it is interactive, it collects ideas – it is the wall of standards. Find out what is standardised in crisis management, which kind of standard is most appropriate to your work or let us know about your ideas on standardisation.



WALL OF CHALLENGES

Come and stick your ideas, lessons learnt and success stories in the field of Crisis Management on the wall! It will help us identify additional challenges faced by the Crisis Management community, and highlight innovative solutions supporting the practitioners, to reduce the gaps they are facing on a daily-basis!



MARKETPLACE

INNOVATIVE CRISIS MANAGEMENT SOLUTIONS

September 3 (during breaks), September 4 (all day long)

Marketplace, Floor B1 

A marketplace will be central to the event, allowing practitioners to discover innovative CM solutions, including the ones that have been tested during the DRIVER+ Trial 1 and selected for Trial 2. Discover them all and interact with the solution providers!



viewTerra Evolution, viewTerra Mobile and viewTerra Base provide a Common Operational Picture to both the Crisis Centre and the rescue units out in the field.



3Di is a cloud-based versatile water management instrument that enables flood forecasting and risk mapping. This solution is provided by Nelen & Schuurmans.



IODA, developed by Armines, supports CM decision-makers during the crisis response phase by inferring on-the-fly collaborative process that propose a way for the responders to resolve the crisis.



BRIGAD clears the path to deliver Disaster Resilience innovations to the market through the assessment and improvement of Technical, Social and Market readiness.



The INACHUS project will present technological & methodological solutions for integrated wide area situation awareness & survivor localisation to support search and rescue crews.



Hexagon has developed Drone Rapid Mapping, enabling an incident or a crisis area to be mapped quickly using cloud computing and a drone operator.



GMV created SOCRATES Operation Centre, a web-based tool for generating a Common Operating Picture whose objective is to improve the shared situation awareness amongst the different bodies involved in the management of a crisis events and to help the practitioners to make well-informed decisions by providing and supporting the real time exchange of information about the operational situation.



SMAP (Social Media Analysis Platform), developed by Thales, automates a user-defined collection process and proposes content mining tools able to filter down the information collected from the social media based on content, time, and space constraints.



PROCeed Laboratory, developed by ITTI, is a web-based analytical application for exercising crisis management and response, capable to support decision makers by simulating of materialisation of possible threats and presenting of the consequences of people's behaviour.



I-REACT (Improving Resilience to Emergencies through Advanced Cyber Technologies) is a European project funded under Horizon 2020. It integrates existing services, both local and European, into a platform that supports the entire emergency management cycle.



The AIT's CrowdTasker application enables the skill-based geolocation-aware distribution of tasks within specified target groups like pre-registered volunteers in the field. Thus, volunteers can be more effectively and efficiently integrated in the resolution of large crisis incidents.



Emergency Maps Tool (EMT), from AIT, provides end users or a network of users with a collaboration tool for representation and sharing of available geo-referenced data and information. It mashes up and displays the emergency data from a dedicated data repository, map layers and data from external services.



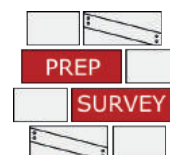
The web-based Crisis Information System (CIS), developed by AIT, lowers the interoperability and information exchange gap between different stakeholders during large-scale events in the crisis and disaster management (CDM) domain.



HEIMDALL will present a Multi-Hazard Cooperative Management Tool for Data Exchange, Response Planning and Scenario Building, to be used by a large variety of emergency services



MVM Tel has developed APM-40, an alternative, standalone, rapidly deployable voice communication system for emergency and disaster situations and other applications where secure and autonomous communication is necessary.



PrepSurvey is an AIT solution that offers support for the difficult assessment of resilience and vulnerability on any societal level (individual, household, regional). PrepSurvey provides an innovative approach to this important, yet difficult task in disaster preparation and mitigation.



CrisisSuite, developed by Merlin Software, is an online software application, enabling organisations to successfully manage information during a crisis. All crisis information is securely stored in the cloud and is available anytime, anywhere.



The IN-PREP project will showcase their solution enabling a reference implementation of coordination operations (Handbook of Transboundary Preparedness and Response Operations that synthesises the lessons learnt, recommendations, check-lists from past incidents) and a training platform.

POSTER SESSION

RESEARCH METHODS AND OUTCOMES

September 3 (during breaks), September 4 (all day long)

Poster Area, Floor B1

Crisis Management projects and initiatives have been invited to present a poster during the event. Get the chance to meet them!



BROADWAY: Procuring Innovation activity to enable a pan-European broadband mobile system for PPDR



E2mC: Demonstrating the feasibility of the integration of social media analysis and crowdsourced information



ENCIRCLE: European CBRN Innovation for the Market Cluster



NO FEAR: Network Of practitioners For Emergency medicAl systems and cRitical care



SOURCE: Virtual centre of excellence for research support and coordination on societal security



BRIGAIID: Bridging the Gap Innovations in Disaster Resilience



DAREnet: A Practitioner Network to Strengthen Flood Resilience in the Danube Region



SAYSO: Standardisation of situational awareness systems to strengthen operations in civil protection



GEO-VISION: providing required situational awareness via interactive mission-critical visual communications software.



PEN-CP: A Pan-European Network of Customs Practitioners



e NOTICE: The European Network of CBRN Training Centers



Mobnet: MOBILE NETWORK for people's location in natural and man-made disasters



i-LEAD: Innovation – Law Enforcement Agency Dialogue



ARCSAR: Arctic and North Atlantic Security and Emergency Preparedness Network



FIRE-IN: Fire and Rescue Innovation Network



ILEAnet: Innovation by Law Enforcement Emergency Networking

SOCIAL MEDIA GUIDELINES

SHARE YOUR VIEWS ON THE WEB

I4CM AND DRIVER+ BASICS

#I4CM events are meant to contribute to a shared understanding in Crisis Management and foster the exchange of experiences, best practices and lessons learnt. Spread the word on social media and let us know more about yours! But don't forget the #I4CM hashtag: it is easier for us to interact with you!



#I4CM
@DRIVER_PROJECT



JOIN THE GROUP:
DRIVER PROJECT



SUBSCRIBE TO:
DRIVER PROJECT

HASHTAGS DIGGING DEEPER

I4CM Topics

#MultiAgency
#Interoperability
#Standardisation
#CrisisManagement

I4CM Sessions

#MarketPlace
#PosterSession
#WallOfStandards
#WallOfChallenges

DRIVER+ Components

#Trial1 / #Trial2
#TestBed
#PoS (Portfolio of Solutions)
#CMINE

MENTIONS THEY ARE AT THE #I4CM TOO

Organisations

@Standards4EU (CEN)
@BSI_UK (British Standards)
@UNECE
@tudelft (TU DELFT)
@MSBse
@ententevalabre
@XVRsimulation
@TNO_research
@AITtomorrow2day
@HexagonSI
@nelenschuurmans
@infoGMV
@MvmSerazinm (MVM Tel)
@TIEMS_org

Projects

@Heimdallproject
@INPREP_EU
@InachusUsar
@Brigdaid_EU
@BroadWay_H2020
@IREACT_EU
@DRIVER_PROJECT

Hosts

@psc_e (PSCE)
@DIN_norm (DIN)

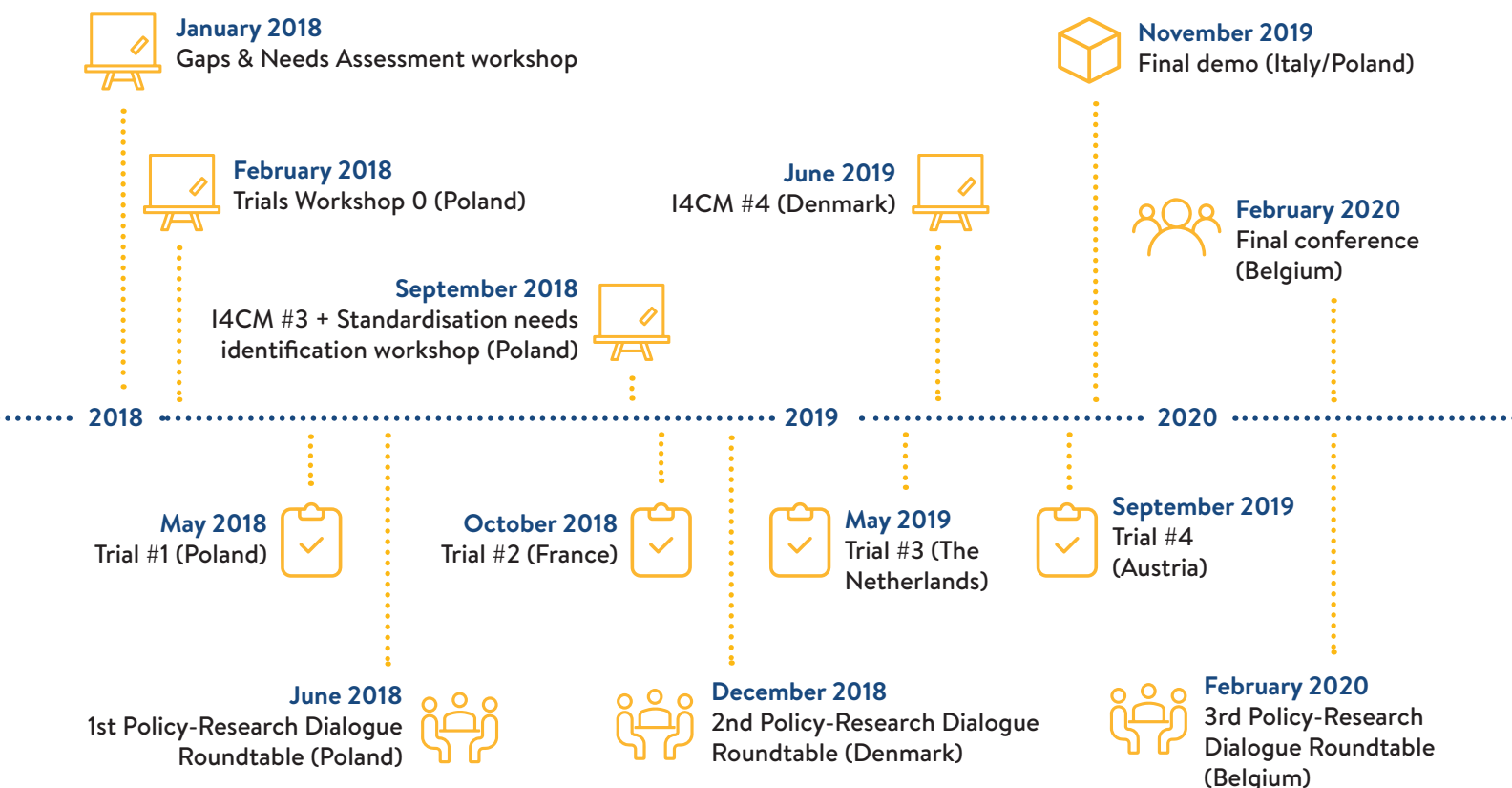
EU Entities

@eu_echo (DG ECHO)
@EUHomeAffairs (DG HOME)
@Frontex (FRONTEX)
@EU_ScienceHub (JRC)
@EU_H2020 (Horizon 2020)
@EU_Commission (EC)

DRIVER+ TERMINOLOGY

KEY TERMS AND ASSOCIATED DEFINITIONS

Mutual understanding of practitioners and other key actors involved in international crisis and disaster management turned to be a key challenge. Barriers to understanding due to different cultural, organisational and educational background were identified to be the main challenges of communication and information exchange of several activities such as border crossing cooperation. In this light, DRIVER+ decided to establish an English project terminology of key terms and associated definitions in order to enhance a common understanding within the project team and to contribute to a shared understanding within Europe. Consult the DRIVER+ website page for the entire Terminology and the rationale behind it: <http://www.driver-project.eu/terminology/>



CONTACT US NOW!
DRIVER-PROJECT.EU

More information about the project - coordination@projectdriver.eu
Interested in collaborating with us? - cooperation@projectdriver.eu
Communication and media contact - communication@projectdriver.eu



PSCEurope
Public Safety Communication Europe

DIN

ITTI

cen

**POLSKA PLATFORMA
BEZPIECZEŃSTWA WEWNETRZNEGO**

driver⁺
Driving Innovation in Crisis Management
for European Resilience



This project has received funding from the European Union's 7th Framework Programme for Research, Technological Development and Demonstration under Grant Agreement n°607798