# Edriver

Driving Innovation in Crisis Management for European Resilience

Adam Widera, University of Münster/European Research Center for Information Systems

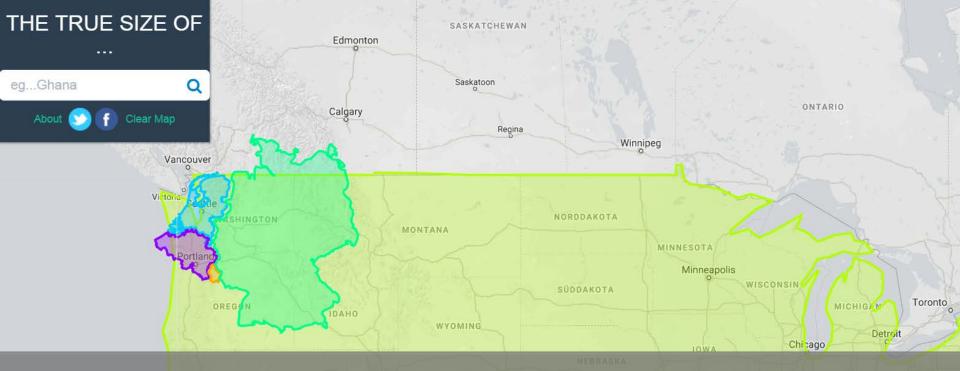
24 May 2018, Seattle



The scale and pace of crises pose enormous challenges for the Crisis Management (CM) sector, with new threats emerging all the time.



An already complex field must also strive to integrate new technologies and methods, cope with a rapidly changing infrastructure, understand evolving risks, be effective across cultural, administrative and national boundaries and engage with populations to enhance their resilience.



The enormous differences of the involved stakeholders in the European CM system, e.g. wrt to standard operating procedures, tools, regulations, structures, or languages, challenge a proper collaboration during major disasters.



NEW MEXICO



Innovation is therefore critical, but will only be successful if it is relevant and accessible to practitioners and operators. CM innovation must therefore be capable of meeting these multifaceted challenges and delivering solutions that are modular, flexible and adaptable.

These solutions must be tested and validated in realistic environments; they must be evaluated to assess their true benefits and for their overall suitability, before being adopted by end-users.



In May 2014, dedicated practitioners' organisations, research institutes, industries and SMEs teamed up to support the European Union to tackle this issue.



DRIVER+ is following a practitioner-driven approach. Therefore, both the selection of solutions and the evaluation process should not only be neutral and transparent, but also driven by practitioners.

The objectives of DRIVER+ are:



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



The DRIVER+ Test-bed is a pan-European arena of virtually connected facilities and crisis labs developed to create space for trialling solutions.



### The Test-bed aims at

1.

Providing a pragmatic step-by-step guidance to conduct trials

Providing a **reference implementation** for all DRIVER+ trials 3.

Providing **general guidance and the technical infrastructure** of the Test-bed to support the trials



Creating a demonstration infrastructure where stakeholders can collaborate in trialling and evaluating new tools, processes or organisational solutions



# The DRIVER+ Portfolio of Solutions is a database-driven online catalogue

## The Portfolio of Solutions aims at

1.

Documenting and **presenting details on solutions** tested and evaluated during the DRIVER+ Trials

# 2

Allowing for the introduction of third party solutions already used by practitioners or relevant to Crisis Management

# 3.

Supporting the **sharing of user experiences**, and thereby, easing the successful implementation and usage of solutions for other practitioners

#### Humanitarian Supply Chain

HumLogSim 2017/18 Veiligheidsregio Haaglanden



Exemplary solution: simulation based decision support system to evaluate urban mass evacuation strategies.



Finally, DRIVER+ aims at enhancing the cooperation framework and facilitating a shared understanding in Crisis Management.



## Enhancing the shared understanding by:

Building and structuring a dedicated **Community of Practice in Crisis Management** to facilitate identification of best practises and sharing of lessons learnt

# 2

Cooperating with CM experts, practitioners and solution providers external to DRIVER+

A+ Organising I4CM events (Innovation for Crisis Management) that bring together solution providers practitioners at local/regional level and relay the

3

Community of Users on European level

# 4.

Developing new standards and/or contributing to ongoing and future standard development

# 5

Organising **3 Policy-Research Roundtables** to exchange with policy-makers on project results and potential EU policy implications

# But...

# How will we reach these 3 objectives?



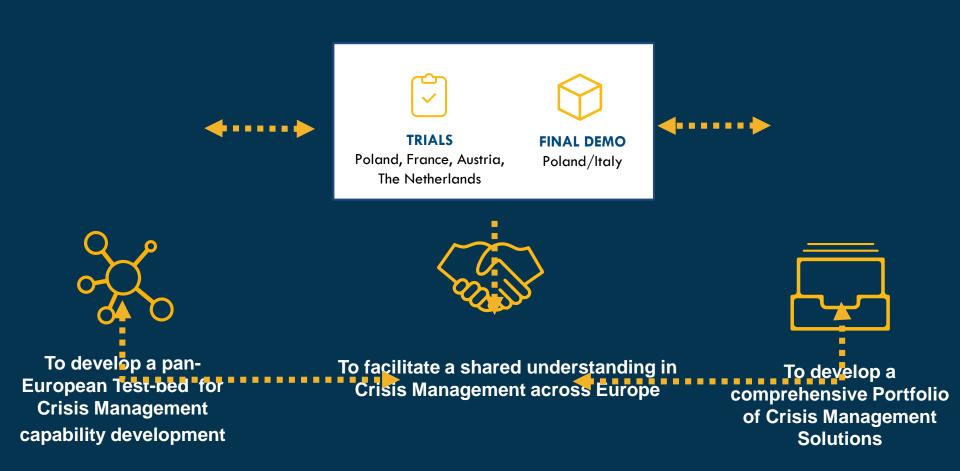
To develop a pan-European Test-bed for Crisis Management capability development

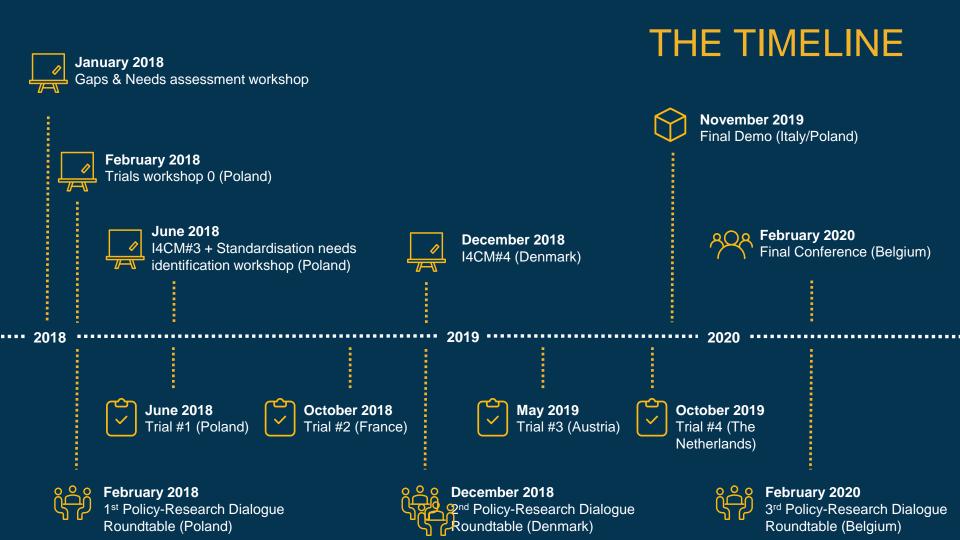


| _ |   |  |
|---|---|--|
|   |   |  |
|   | _ |  |
|   |   |  |
|   |   |  |

To facilitate a shared understanding in Crisis Management across Europe

To develop a comprehensive Portfolio of Crisis Management Solutions





# Register to the Online Community Platform today at this booth



Let us hear your voice!

# CONTACT REACH US





Groups: DRIVER Project



**DRIVER** Project

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



This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement n° 607798. The information and views set out in this presentation are those of the author(s) and do not necessarily reflect the official opinion of the European Union



