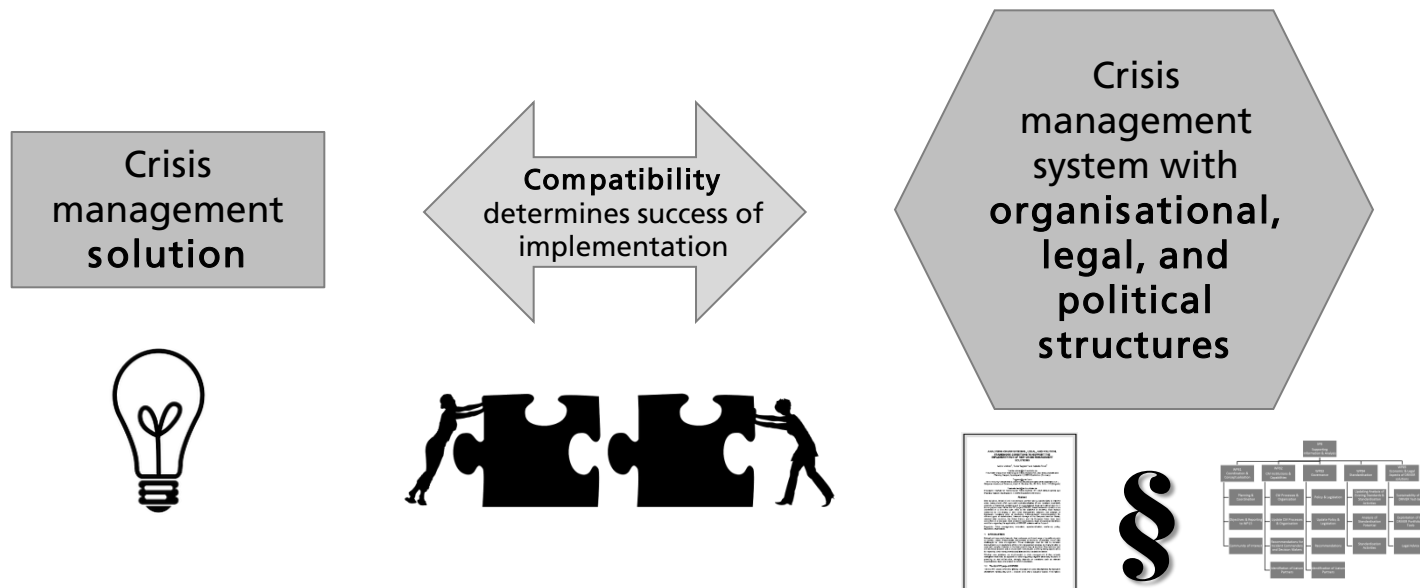
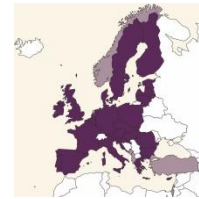

ANALYSING ORGANISATIONAL, LEGAL, AND POLITICAL FRAMEWORK CONDITIONS TO SUPPORT THE IMPLEMENTATION OF NEW CRISIS MANAGEMENT SOLUTIONS

Maike Vollmer, Todor Tagarev, Isabelle Frech

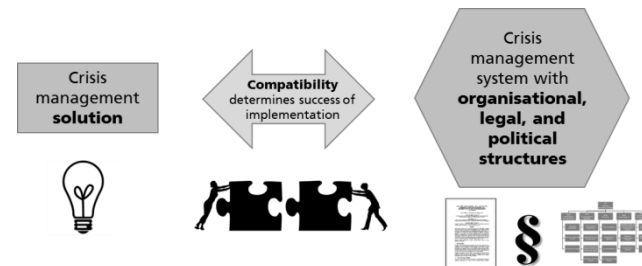


OVERVIEW

- EU-FP7 demonstration project DRIVER: *Driving Innovation in Crisis Management for European Resilience*
- Part of DRIVER: Analysing organisational, legal, and political framework conditions
- “High-level analysis”/ Country studies



- Specifying information needs (Gathering information from experiment assessments)
- Developing recommendations



EU-FP7 PROJECT DRIVER: *DRIVING INNOVATION IN CRISIS MANAGEMENT FOR EUROPEAN RESILIENCE*

- Large-scale demonstration project on crisis management (CM)
- 36 partners from 15 countries
- May 2014 – Oct 2018

Overall mission:

- Improve CM through testing and assessment of solutions (campaigns of experiments)
- Strengthening the European CM innovation ecosystem (pan-European CM test-bed)

Three thematic strands:

- Civil society resilience
- Professional response
- Evolved learning

The DRIVER Consortium
Innovating Europe's crisis management

Reported to 28 different countries including land, sea, research facilities, military, non-military, SMEs, organisations and authorities

Partners from 15 different countries including land, sea, research facilities, military, non-military, SMEs, organisations and authorities

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Driving Innovation in Crisis Management for European Resilience

Through the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska Curie grant agreement.

DRIVER will

- Provide guidance for usability development in its three thematic strands
- Help national protection and adaptation for individual plans of civil protection
- Support EU-wide demonstration activities
- Develop an integrated resilience view for systems of interconnected CM
- Contribute to more comprehensive view on crisis management, e.g. through the development of a system for multi-project assessments for CM
- Contribute to more comprehensive view on crisis management, e.g. through the development of a system for multi-project assessments for CM

DRIVER is a large-scale demonstration project that addresses current development, experimentation and innovation activities in civil transportation CM and aims to spread all improving European resilience the effective and tested and tested from innovation and resilience to the face of major incidents or disasters.

DRIVER addresses the needs for European crisis management identified by previous EU funded projects like AURORA and CRESO.

DRIVER seeks to address European innovation that is based on the systematic assessment and holistic integration of research results to maximize requirements for three main thematic strands:

- Civil society resilience
- Professional response (Command & Control)
- Evolved learning

In its context DRIVER overall mission is to

- Improve crisis management through the testing and development of crisis management capabilities
- Improve the operational usability of these solutions for crisis management by strengthening the European CM innovation ecosystem

DRIVER addresses three horizontal dimensions that are key to addressing innovation in crisis management, namely:

- User-Centred Innovation: User-centred approaches to research & innovation, with (1) knowledge and information to support national usability development, (2) usability by major organisations, and (3) usability by the user organisations involved that will be characterised by remote resilience and personal learning.

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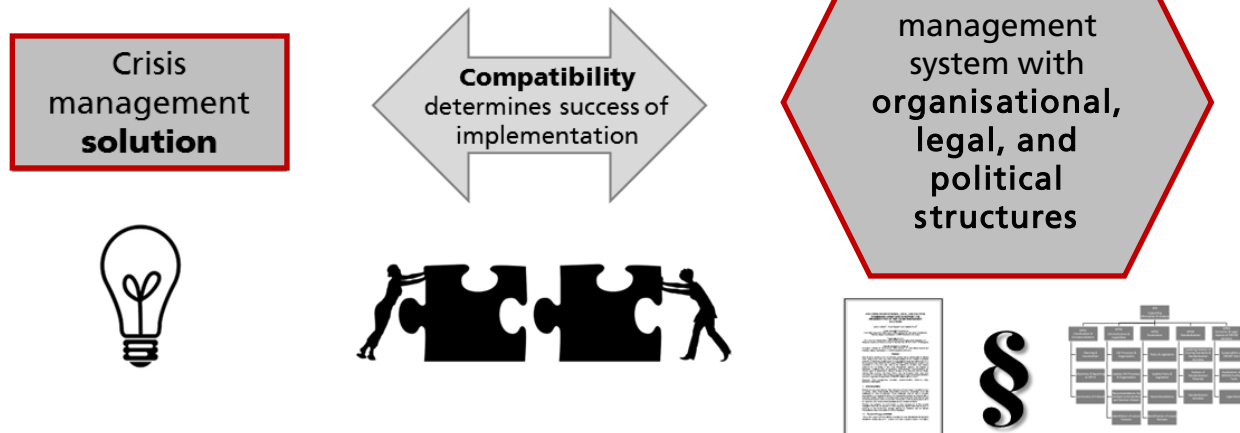
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ANALYSING ORGANISATIONAL, LEGAL, AND POLITICAL FRAMEWORK CONDITIONS (PART OF DRIVER)

Goals

Provide information on organisational, legal, and political structures for solutions developers; experiment owners

- Derive recommendations for
 - legislators, policy makers;
 - decision makers, incident commanders



“High-level” analysis on organisational, legal and political framework conditions

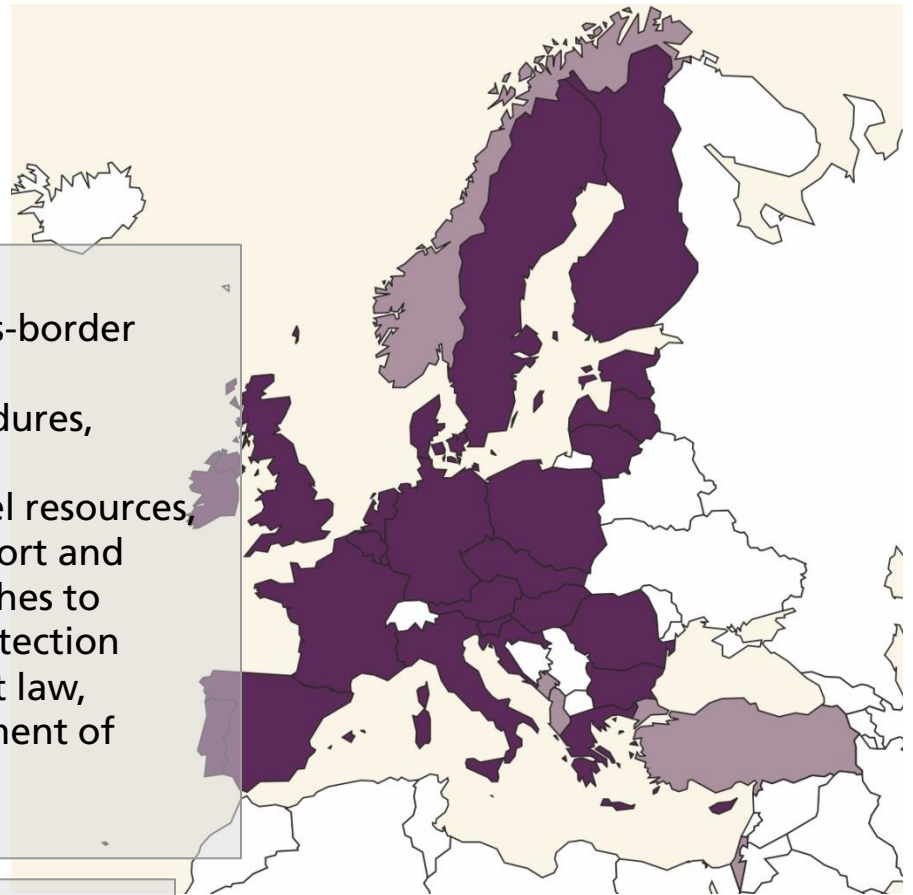
Reports for

- EU Member States
- selected additional states
- EU, UN

Reports cover

- **Organisation**, e.g. chain of command, cross-border operational cooperation
- **Procedures**, e.g. Standing Operating Procedures, national crisis management plans
- **Capabilities**, e.g. human resources, materiel resources,
- **Policy**, e.g. risk assessments, analytical support and R&D, financing, policy review cycle, approaches to resilience, information sharing and data protection
- **Legislation**, e.g. general crisis management law, emergency rule, regulations on the involvement of volunteers
- **Procurement** processes

+ additional study on civil-military cooperation in CM



“High-level” analysis on organisational, legal and political framework conditions – some results (1/2)

■ Example: Policy and Strategy focus

- Different weights regarding prevention, preparedness, response, recovery
- Types of hazards corresponding to risk profile
- Some countries emphasise response (Albania, Belgium, Croatia)
- Others emphasise preparedness and prevention (e.g. Finland)

■ Example: Centralised vs distributed crisis management

- In principle distributed systems
- But different implementations: E.g. Bulgaria rather centralised, Denmark strong focus on local level

“High-level” analysis on organisational, legal and political framework conditions – some results (2/2)

- **Example: Volunteer management**
 - Role of voluntary sectors influenced by history, politics, culture
 - E.g. Germany and Austria strongly rely on volunteer staff
 - Less developed volunteer sectors e.g. in Bulgaria, Greece, Romania
- **Example: Post-disaster assessment and Lessons Learned systems**
 - Nearly every organisation analyses its measures
 - But only few centralised/ inter-organisational Lessons-Learned systems exist like in Ireland and Finland (investigation reports of all major accidents, incl. recommendations for improving systems, policies, and processes)
 - Rather lessons identified than lessons learned

OUTLOOK: ANALYSING PERTINENT FRAMEWORK CONDITIONS; DERIVING RECOMMENDATIONS

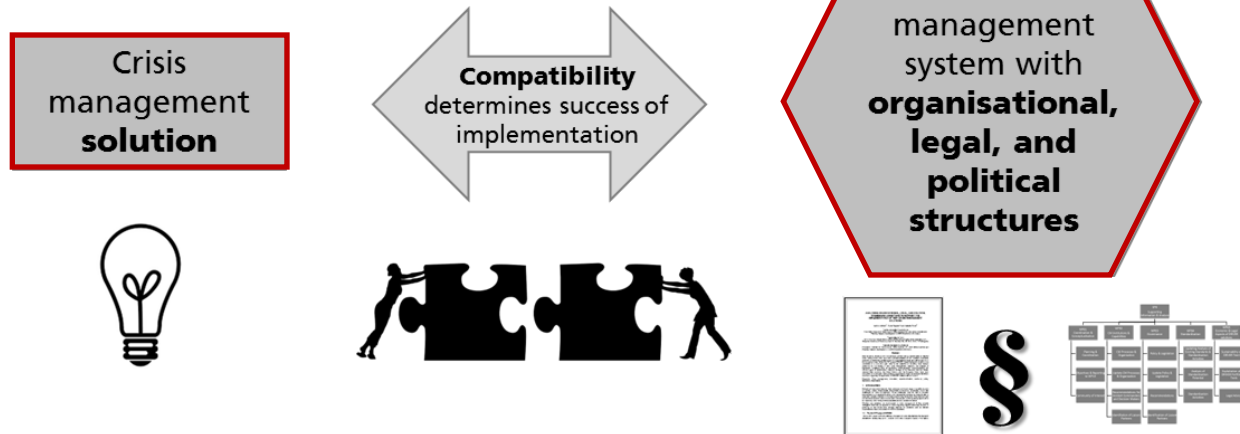
Goals

Provide information on organisational, legal, and political structures for solutions developers; experiment owners

„High-level“ analysis:
Provided the basis

- Derive recommendations for
 - legislators, policy makers;
 - decision makers, incident commanders

Next: Analyse more pertinent topics; derive recommendations



Topic fields to be addressed

1) Engaging society in crisis response

- *Volunteer management*
e.g. registration databases, crowd tasking
- *Societal and Community resilience*
e.g. resilience of local governments + action plans
- *Crisis communication*
e.g. provision of key messages to the public
- *Psycho-social support*
e.g. training for psychosocial first aid

3) Capacity to innovate

- *Education*
e.g. multinational and multiagency education
- *Training*
e.g. serious gaming, training of volunteers

2) Professional preparedness and response

- *Awareness*
e.g. damage and needs assessment, risk mapping,
- *Coordination, Command and Control*
e.g. cross-border + multiagency coordination
- *Information management*
e.g. elaboration of a common operational picture (COP),
- *Logistics*
e.g. optimization of transportation means

- *Evaluation & Lesson Learned*
e.g. collaboration across borders, sectors, organisations
- *Organizational agility/ adaptiveness*
e.g. mapping of requirements to available capabilities

Using experiments to identify pertinent organisational/ legal/ political factors, and input for recommendations

Results of experiments assessments are expected to include information on

- Added value of tested solutions for crisis management
- Options to adapt solutions to framework conditions
- Requirements in framework conditions to implement solution
- Additional information needs on organisational, legal, political factors

SOME CONCLUSIVE REMARKS

- Successful innovation processes in Crisis Management depend on various factors, including: organisational, legal, and political structures
- These framework conditions can remarkably differ between countries
- An analysis of relevant framework conditions serves adaptations from both sides: The solutions as well as the framework
- Upcoming DRIVER experiment results are expected to
 - Reveal further organisational, legal, and political factors to be considered
 - Provide crucial input to evidence-based recommendations for stakeholders (legislators, policy makers, incident commanders, other decision makers)

Work in progress

Thank you !



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