



# PSCE Standards Activity

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# Standardisation

An original objective of PSCE  
– now in the process of being realised !

## Needs

- a reason
- funding



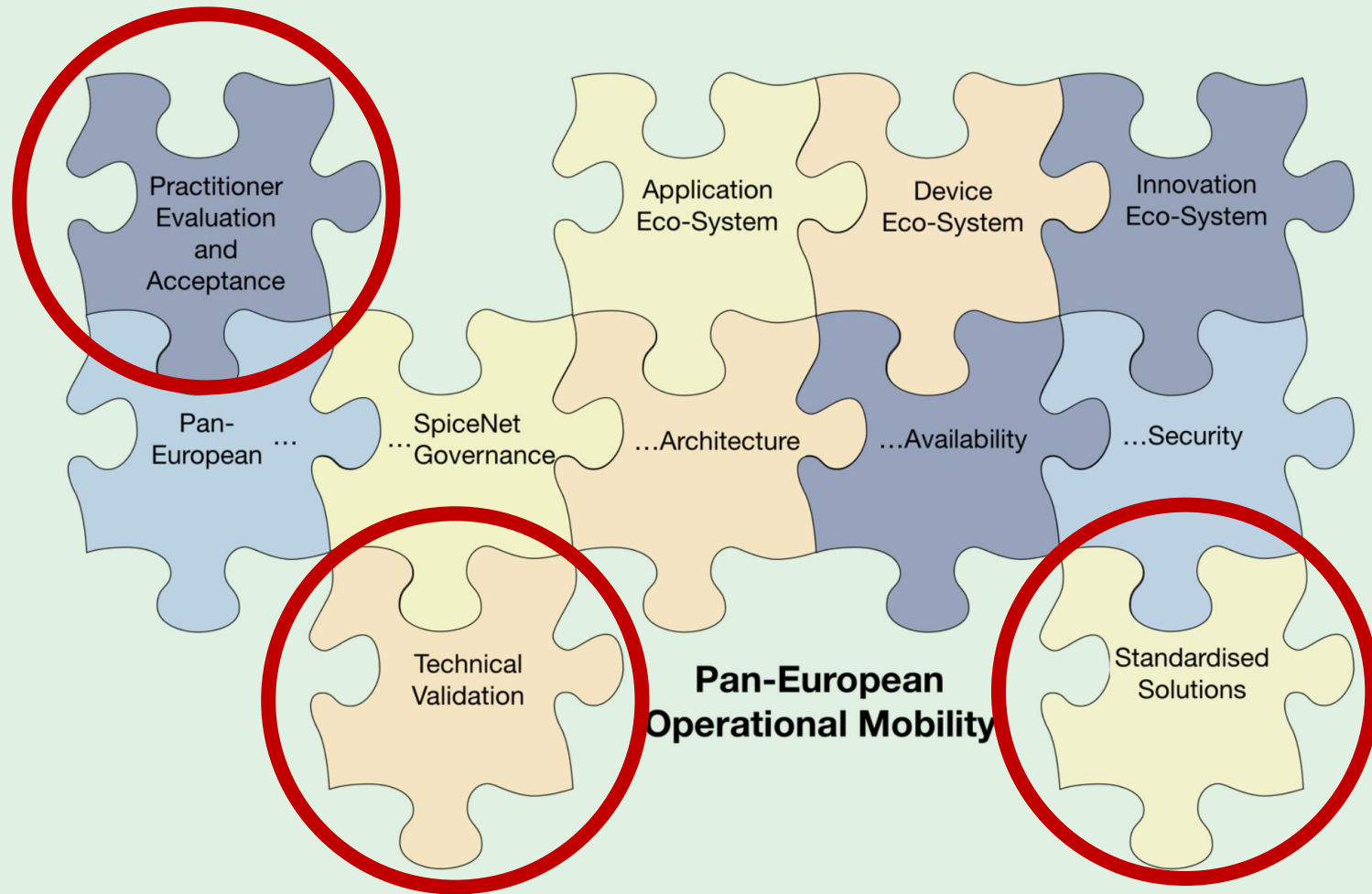
# Standardisation

Our Approach is Technical, but must mostly User Focused

Recognising a clear gap between

- Technical interop standards
- Need for Operational Mobility
  - (process, operational, political)

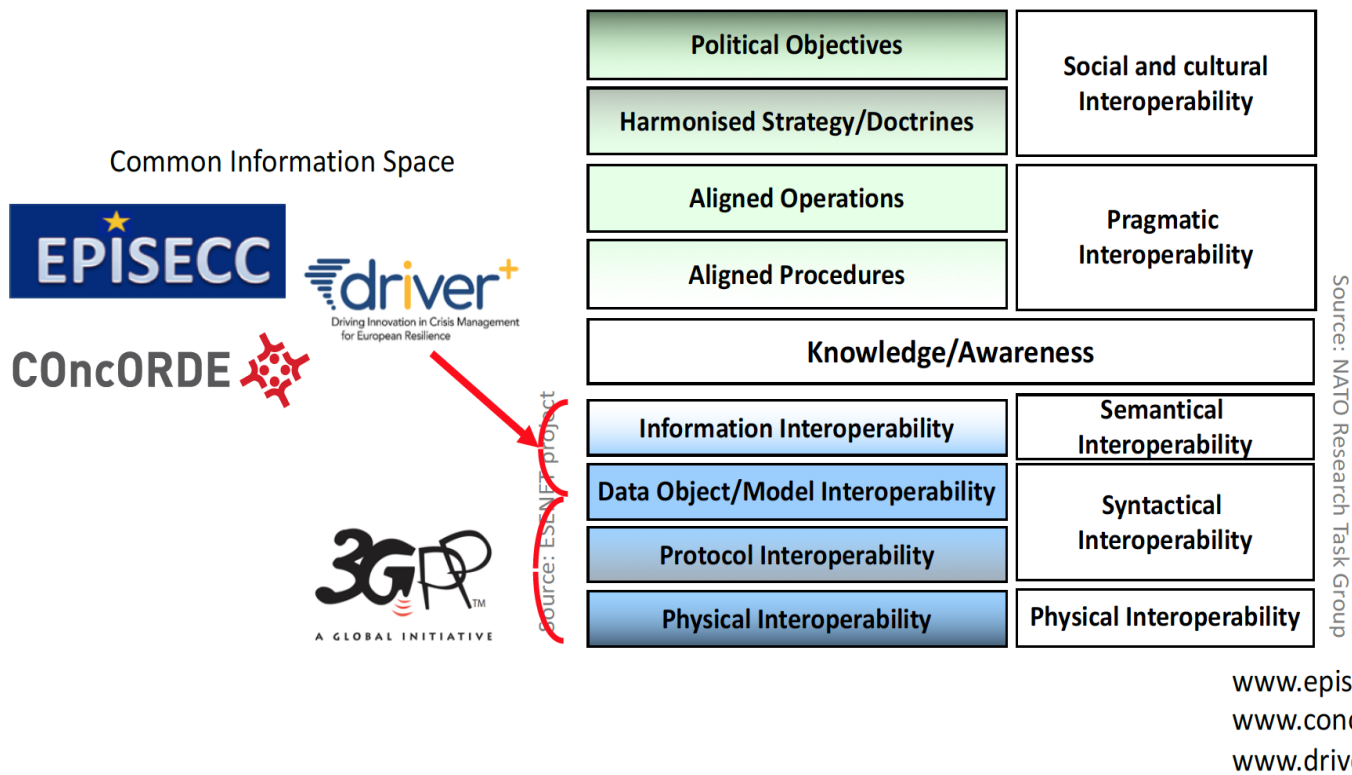
# Driven by BroadWay



# Standardisation

3GPP	CEN	ETSI
Market representation partner  Positions/coordination	Vice-chair of 3 CWA <ul style="list-style-type: none"><li>- Trial Guidance Methodology</li><li>- Exchange of Information</li><li>- Societal Impact Assessment</li></ul>	Member Participation to European common information sharing environment service and data model





**Figure 3 Scope of 3GPP and addressing higher layers through other projects**



# As 3GPP MRP

- Primarily for BroadWay
- Supporting activity of others
- PCG Meetings
  - To meet and liaise with TSG Chairs, other MRPs and International colleagues
- Promote and Support activities in favour of Public Safety 5G Vertical
- No Direct contributions yet



# As 3GPP MRP

- BroadMap gap analysis
  - 2 gaps – difficult to address, but unlikely necessary to be added
- BroadWay supply
  - Support buyers and suppliers so that new innovations become standardised ready for final solution procurement





# CEN Workshop Agreements

[https://www.cen.eu/News/Workshops/Pages/WS-2019\\_006.aspx](https://www.cen.eu/News/Workshops/Pages/WS-2019_006.aspx)



<https://www.driver-project.eu>



## CEN Workshop on the semantic and syntactical interoperability for crisis and disaster management

Current and future challenges due to increasingly severe consequences of natural disasters and terrorist threats require the development and uptake of innovative solutions that are addressing the operational needs of practitioners dealing with Crisis Management. The European project DRIVER+ (Driving Innovation in Crisis Management for European Resilience) is a FP7 Crisis Management demonstration action aiming at improving the way capability development and innovation management are tackled.

This Workshop will develop a CEN Workshop Agreement (CWA), which defines requirements to achieve interoperability on syntactical and semantic level in border crossing crisis and disaster management.

To achieve this target, it is necessary to provide a conceptual frame and basic requirements for the development of software interfaces that allow different organisations, using different IT systems for the execution of their crisis and disaster management procedures, to connect to common platform in order to receive and send data while maintaining the same data formats on their systems. Such interfaces serve as two way converters between the data format of the platform and that of any participating organization. Apart from the concept of the platform and the adaptors a conceptual frame for security requirements of such a data exchange process needs to be set up encompassing authentication, grouping functionalities and encryption. Moreover, a conceptual frame for a distribution mechanism including service registration, communication, synchronization and message repository aspect will be provided. Other conceptual aspects to be covered are requirements for semantic services and finally management of registration procedures as well as participants registration data.

The target groups of the Workshop are Civil protection authorities, Local Emergency Management Authorities (LEMA), Fire brigades, Police authorities, First responders (e.g. Red Cross, Knights of St. John), Cross-border operations, Military forces involved in crisis and disaster management, Critical infrastructure operating forces, Companies involved in disaster management and civil protection, and R&D community.

The proposer and secretariat holder of this workshop is DIN.



# CEN Workshop Agreements

<https://www.cen.eu/news/workshops/pages/ws-2019-007.aspx>



<https://www.driver-project.eu>



## CEN Workshop on the Trial Guidance Methodology (TGM)

Current and future challenges due to increasingly severe consequences of natural disasters and terrorist threats require the development and uptake of innovative solutions that are addressing the operational needs of practitioners dealing with Crisis Management. The European project DRIVER+ (Driving Innovation in Crisis Management for European Resilience) is a FP7 Crisis Management demonstration action aiming at improving the way capability development and innovation management are tackled.

The purpose of the workshop is to define a methodology that enables an objective assessment of one or more socio-technical solutions (hardware, software, training, procedure, a mix of those) within a realistic Crisis Management scenario.

The target group of the workshop are Crisis Management practitioners concerned with innovation or procurement, Public authorities concerned with procurement (or writing tenders), Industry and Research as well as Research & Development.

The proposer and secretariat holder of this workshop is DIN.

# CEN Workshop Agreements



<https://www.driver-project.eu>

- Societal Impact Assessment
- Will be published and KO soon





# ETSI -

- PSCE applied as full member
- Support of MCX PlugTests as Observer
- Considering future PlugTests to support BroadWay Test, Validation and Practitioner Evaluation



# ETSI - ISG CDM

<https://www.etsi.org/committee/1584-cdm>



STANDARDS

TECHNOLOGIES

MEMBERSHIP

COMMITTEE

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## CDM

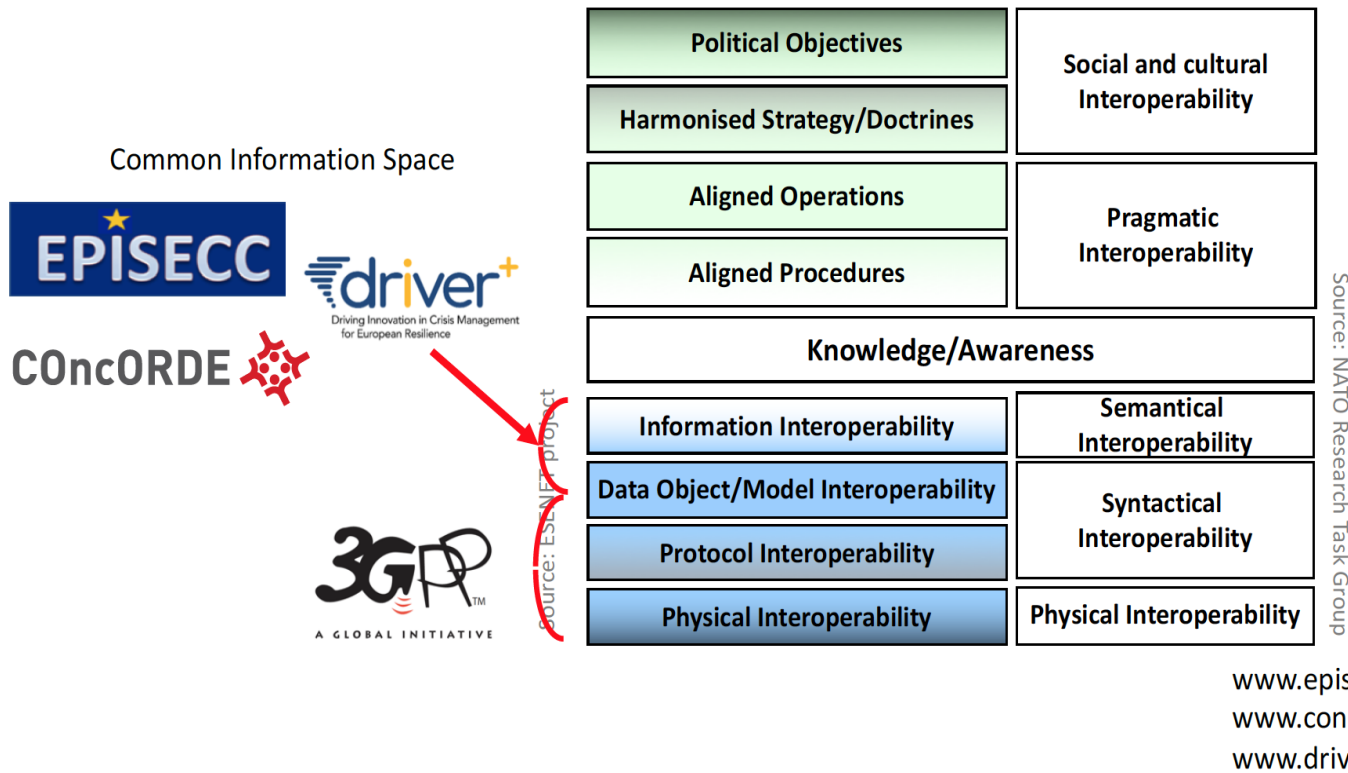
### INDUSTRY SPECIFICATION GROUP (ISG) EUROPEAN COMMON INFORMATION SHARING ENVIRONMENT SERVICE AND DATA MODEL (CDM)

Our group will define technical standards to allow data exchange among different maritime legacy systems in a cooperative network. Enhancing information exchange between maritime surveillance authorities is one of the key strategic objectives of the European Union under the Integrated Maritime Policy with increased coordination between different policy areas (transport, environmental protection, fisheries control, border control, general law enforcement, customs and defence).

The objective is to improve maritime situational awareness by enhancing the maritime public authorities' abilities to monitor, detect, identify, track and understand occurrences at sea to be able to provide reasoned grounds for reaction. Maritime Common Information Sharing Environment (CISE) will ensure that information collected by one maritime authority and considered necessary for the operational activities of other authorities is shared instead of being collected and produced several times.

To promote a common understanding of information relevant to maritime surveillance, CISE must foster the use of common standards to interpret and process exchanged information by performing aggregation, correlation and data fusion. This is important to build an integrated maritime awareness picture. The group will provide a universal data and service model that may serve as reference for all cross-sectoral and cross-border information exchange between European public authorities.





**Figure 3 Scope of 3GPP and addressing higher layers through other projects**