



## CISE<sup>1</sup> - Technical Advisory Group (TAG) meeting 23<sup>rd</sup> of 10.02.2017

### Minutes

#### Participants

- Christos Economou (co-chair)
- Bartel Meersman (co-chair)

#### TAG members:/ substitutes

- Giuseppe Aulicino (Maritime Safety...)
- Anders Bogelius (Fisheries Control)
- Leon Bouts (EFCA)
- Ilkka Tikanmaki (Border Control)
- Antonio Doblaz (Border Control)
- Irena Mulica (Customs/TAXUD) – morning only
- Gregorio Ameyugo (FRONTEX)
- Patricia Romeyro (SATCEN)
- Michael Risley (MAOC-N)
- Eric Girard, Dirk Peters (EDA)
- Massimiliano Fara (EUMS)

#### Commission services

- Jesus Hermida (JRC)
- Alexandru Chiric, Alena Petrikovicova (MARE)
- Brigitta Horváth (HOME)
- Karlheinz Kadner (TAXUD)
- Josep A. Casanovas, Sandro Nuccio (MOVE)
- Claudia Oros (EASME)

#### Observers to this TAG

- Ezio Lama (EEAS)
- Carolina Matarazzi, Sergio Rodrigues, Giuseppe Codispoti (EUCISE2020)

Franco Oliveri (TAG Permanent Secretary)

#### Location

European Commission – Brussels - Belgium

#### Distribution of minutes

For review and approval by TAG Members

Approved meeting minutes are available to the general public.

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<sup>1</sup> Common Information Sharing Environment (CISE) for the surveillance of the EU maritime domain.

## Opening

### ➤ Welcome by the Chair.

The TAG co-chair (C. Economou) opened the meeting welcoming the participants and introducing the new co-chair (B. Meersman).

The Agenda was approved without changes.

### ➤ EUCISE2020 progress report – *Project Coordinator Mrs Carolina Matarazzi*

Mrs Matarazzi (PC) delivered an exhaustive presentation of the objectives, status and future developments of the EUCISE2020 Project.

During her presentation, she also underlined that EUCISE2020 is open to collaborate with other Authorities and Agencies, not presently involved in the Project. Moreover, the Project is ready to make available its technical results to other authorities interested in CISE development, more specifically: i) EUCISE2020 technical specifications are available under the Creative Common License; ii) EUCISE2020 software will be available from September 2017 (the Consortium will decide its sharing policy). The same conditions apply to any new partner interested in joining the Consortium or taking part in the information exchange.

The EUCISE2020 Consortium agreement will be amended and two new partners will join the Project: i) SGMER – France, ii) the Spanish Fisheries Control Agency.

The project is currently in Phase 2 – Development (i.e. the appointed tenderer is actually developing the software components needed for the implementation of EUCISE2020). The Consortium has procured, through a European tender, the research services (e.g. it is not plain development, hence research activities are required) needed to develop the European platform for information exchange with the CISE interoperability specifications, and to manage the validation period in Phase 3. The partners participating in the validation period will also procure, at national level, the services needed to connect their systems to the common platform and to develop new features in their systems that exploit the information gathered through the common platform.

Operational testing of the developed environment (Phase 3) will last at least 6 months. Statistical data on the validation phase will be collected and made available for the subsequent assessment.

The EUCISE2020 technical solution is based on the CISE hybrid architectural vision concept. The three different CISE gateway configurations will be implemented: A – basic gateway, B – routing node, C – full node.

In Phase 2, EUCISE2020 will develop four types of services in their platform:

- **Core Services:** according to the CISE Hybrid Vision architecture, core services will ensure the connection of each partner, or group of them, to the EUCISE2020 network.
- **Common Services:** devoted to the exchange of information entities in accordance with the CISE Data and Service Model.
- **Advanced Services:** consisting of added-value services, using the core and common services, proposed by each EUCISE2020 community of interest. Member States will decide whether to implement advanced services or not (and which).
- **Innovative Services** are optional R&D application services, with TRL (Technology Readiness Level) between 6 and 8 according the HORIZON 2020 scale.

Regarding Phase 3, eleven European countries will take part in the validation period. Each country will connect one or more Legacy Systems. As reported by the EUCISE2020

coordinator, so far, twelve Legacy Systems, from ten participating countries, will exchange information through the EUCISE2020 network.

The presentation was well received and an interesting discussion followed.

TAXUD requested to receive the Data and Service Model and a more detailed description of the Adaptor.

Mr Aulicino (Transport) underlined that the cost of connecting to the EUCISE2020 solution may be significant. Hence, he stressed the importance of the stability of the proposed solution and a long-term commitment to it.

Mr Economou acknowledged the DG MARE intention to take into account together with relevant Commission services all essential aspects related to CISE implementation (e.g. Governance, legal and financial issues, etc.) to ensure long term sustainability of the solutions.

#### ➤ CISE survey on information services (evaluation of replies) – *DG MARE*

DG MARE presented the outcome of the CISE stakeholder survey carried out in the frame of the study “Benchmarking the operational added value and preparing end users' uptake of the maritime CISE”, performed together with a consultant.

The objectives of the study were briefly recalled: i) to identify and prioritize suitable CISE information services; ii) to re-assess the user needs for information exchange; iii) to benchmark the CISE interoperability solutions (i.e. CISE data model); iv) to consolidate the added-value of CISE; and v) to identify cornerstones for implementing CISE.

The initial phase of the study involved several workshops with national authorities, which led to a preliminary identification of 12 “relevant” services. The survey was designed to assess whether the other CISE stakeholders agreed on this preliminary selection of services as well as to gather other relevant information in view of the further development of CISE.

The survey collected replies from 32 authorities from 12 countries, representing all seven maritime user communities and two EU bodies (Europol, European Defence Agency).

The preliminary analysis of the replies confirmed the relevance of the 12 CISE services, which can be considered a commonly accepted baseline for implementation, and it allowed to identify three possible priority services: Incident Notification, Vessel Tracking (Voyage, Location and Details), Risk Information Exchange.

The survey confirmed the strong support from MS authorities to CISE and also showed: i) the interest in services implementation - MS authorities are interested to participate in future projects to implement these services; and ii) the need and willingness to involve the EU agencies in the CISE services and overall implementation.

In the absence of the full description of the proposed services, the initial reaction of the Transport community representatives was that some of them already exist (e.g. Vessel Tracking and Incident notification).

A document containing, in detail, the description of the services and the outcome of the survey will be distributed to the TAG for assessment and feedback.

#### ➤ The inter-agency cooperation on European Coast Guard functions (Frontex – EMSA - EFCA) – *Gregorio Ameyugo (FRONTEX)*

Mr Ameyugo provided a broad overview on the inter-agency cooperation on European Coast Guard functions, underlining its innovative aspects, i.e.: possibility to act *ex-officio*, resources ready to deploy, cooperation with and in Third Countries, cooperation with law enforcement, enhanced Return competencies.

He explained that the article 53 of the New Regulation states that the Agencies (Frontex – EMSA - EFCA) support MS authorities: i) by Sharing Information; ii) by Providing Surveillance and Communications; iii) by Building Capacity; iv) in the exchange of Information and cooperation; v) in multipurpose operations.

The on-going Pilot Project aims at testing the cooperation among the agencies, it was launched in 2016 with a sharing of the 4 tasks among the Agencies:

- Sharing information - EMSA
- Surveillance Services - Frontex & EMSA
- Capacity building - EFCA
- Capacity sharing - Frontex & EMSA.

Mr Ameyugo reminded that the active cooperation among the Agencies exists since 2009, but the new regulation makes this cooperation more formal.

A tri-partite working arrangement detailing the inter-agency cooperation modalities is now in the approval process by the three agencies Boards.

The TAG members showed interest in the topic and an animated discussion followed the presentation touching:

- the way the information is channelled among the Agencies and what type of information is provided by whom (e.g. EMSA provides to Frontex: Maritime Traffic information, Traffic Analysis, Risk Analysis, Analysis of Satellite images and Frontex makes these information available to MS through EUROSUR)
- the possibility to extend the cooperation to CSDP operations and the need to fill the existing gaps in the civil-military cooperation: EDA stressed the possibility to do it through CISE underlining the planned “connection” of EUROSUR to CISE and the opportunity to further enlarge such cooperation involving third countries, e.g. the U.S. with MISE;
- the Provision of Surveillance Services with Manned Aircraft and RPAS (provided by Frontex) where the issues of ‘integration in civilian traffic’, ‘cost’, and ‘market availability’ were discussed

## ➤ CISE calls for proposals for national IT interoperability improvements

The JRC presented the status of the national projects under 2014 – 2015 calls.

DG MARE is launching annual calls for project proposals opened to national authorities under the European Maritime and Fisheries Fund (EMFF) for 2014-2020.

The objective is to foster the enhancement of the information exchange across sectors and borders by supporting the improvement of IT interoperability between national authorities’ systems.

The calls covered two types of activities: i) the studies on systems interoperability improvements and ii) actual developments for IT interoperability.

At present, DG MARE is funding 10 projects in total: 7 projects under the 2014 Call (from ES, FI, GR, PT and RO), and 3 (from BG, CY, ES) under the 2015 Call.

Five projects of the first call and two of the second call will implement technical solutions in view of the development of CISE.

All the projects are developed in line with the principles of CISE. They also plan to build on the key CISE building blocks for interoperability, i.e. the CISE Data and Service Model and to some extent the proposed the Hybrid Architecture.

## The next CISE IT interoperability call– *DG MARE*

DG MARE presented a preliminary overview of the next Call for proposals (2016 – 2017).

The criteria for selection will broadly cover the following areas: i) number of maritime sectors; ii) uptake of CISE interoperability solutions; iii) consistency and complementarity with existing EU and regional information exchange systems; iv) breadth of the data-exchanges (number of core data entities); and v) justification of the expected operational added-value.

The new call will encourage the creation of projects building on the results of the survey and the existing CISE interoperability solutions, with partners representing more than 3 sectors. It is expected that the call will attract authorities not involved in other CISE projects and will facilitate the cooperation with EU agencies.

➤ MAOC-N Presentation on its developments in information exchange – M. Risley

Due to the prolongation of the previous discussion, it was decided to postpone this presentation to the next TAG.

➤ AOB

No points were discussed as AOB.

### **Next TAG meetings:**

- **Next TAG meeting has not yet been fixed, the date will be communicated as soon as possible**

### **Actions summary**

The final outcome of the survey will be distributed to the TAG for assessment and feedback.

ANNEX 1 TAG Composition 17-06-2016

Technical Advisory Group (TAG) members		
	Members	Substitutes
<b>Co-Chairs</b>		
ECONOMOU Christos		
MEERSMAN Bartel		
<b>Secretary</b>		
OLIVERI Franco		
<b>User Communities</b>		
Maritime safety, security and prevention of pollution caused by ships	AULICINO Giuseppe	FORTE Cosmo
Fisheries control	BOGELIUS Anders	
Marine pollution preparedness and response, Marine environment	DONNAY Eric	
Customs	MULICA Irena	
Border Control	DOBLAS Antonio	ISOKIVIJARVI Kari
General law enforcement	RISLEY Michael	
Defence	RAIMONDI Giovanbattista	MICHELI Andrea
<b>Agencies</b>		
EFCA	TAHON Sven	KEMPF Alexandre
EDA	GIRARD Eric	PETERS Dirk
EEA	SCHUREN Eugenija	
EMSA	BAL Leendert	SCIBERRAS Lawrence
EUROPOL	PALO Peeter	REITSMA Gjalt
FRONTEX	AMEYUGO Gregorio	LUKAS Vytautas
<b>Pilot projects</b>		
BLUEMASSMED	MATARAZZI Carolina	Ad hoc WG Leader
MARSUNO	GRONBLAD Markus	Ad hoc rep
COOPERATION PROJECT	ELOMAA Kimmo	Deputy Project Manager
EUCISE2020 - POV	MATARAZZI Carolina	Project Coordinator
<b>Other TAG participants (observers)</b>		
EU Military Staff – FARA Massimiliano EUSC – ROMEYRO Patricia EC InterService Group on IMS – maximum 2 people per DG/Service		



EUROPEAN COMMISSION  
JOINT RESEARCH CENTRE

Directorate E – Space, Security & Migration  
**Transport and Border Security**

## **TECHNICAL ADVISORY GROUP - TAG**

### **TAG MEETING 23 - AGENDA**

**FEBRUARY, 10<sup>TH</sup> 2017**

**venue: Conference room A,**

**11th floor, rue de la LOI 130 (DG AGRI)**

**1000 BRUSSELS**

10:00 Welcome - *Christos Economou (DG MARE) and Bartel Meersman (JRC)*

Agenda approval

1. EUCISE2020 progress report – *Project Coordinator Mrs Carolina Matarazzi*  
*Discussion*
2. CISE survey on information services (evaluation of replies) – *DG MARE*  
*Discussion*
3. Lunch
4. The inter-agency cooperation on European Coast Guard functions (Frontex – EMSA - EFCA) – *agencies representatives (TBD)*  
*Discussion*
5. CISE calls for proposals for national IT interoperability improvements
  - a. status of the national projects under 2014 – 2015 calls – *JRC and national representatives (TBD)*
  - b. The next CISE IT interoperability call (2016 – 2017) – *DG MARE*  
*Discussion*
6. MAOC-N Presentation on its developments in information exchange – *M. Risley*

*A.O.B.*

16:30 End of meeting

