



**An Enhanced Common Information Sharing Environment for Border  
Command, Control and Coordination Systems**

*Grant Agreement Number: 833881*

## **D.7.3 Final Dissemination Material**

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## Executive Summary

This deliverable presents all the dissemination and communication material produced by the ANDROMEDA consortium within the second period of the project, i.e. September 2020 – July 2021. Particularly, it outlines the material created for the promotion of the **first workshop** (*Sept. 2020*) as well as the **final one** (*Jun. 2021*) of ANDROMEDA. Also, other materials created within the aforementioned period are described. It should be noted that the material produced within the first period of the project has been reported in deliverable D7.2 Initial Dissemination Materials.

D.7.3 is a public deliverable of this project, part of WP7 and additionally includes information about the project and a short description of WP7 in order to ensure that no prior knowledge related to the project, the DoA and the other WP7 deliverables is requested from the reader. Overall, it is based on, and is consistent with the DoA and the GA, but is not a substitute for reading these documents.

Lastly, it should be mentioned that the project has received a six-month extension of its lifecycle due to the COVID-19 impact on project's activities and thus the submission date of this deliverable has been altered from M15 (*Nov. 2020*) as it was foreseen in DoA to M23 (*Jul. 2021*).

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## 1. Introduction

### 1.1 The project: ANDROMEDA

The ANDROMEDA project aims to unlock the full capabilities of the CISE by enhancing the Maritime CISE Model, extending its scope to the Land Surveillance Information Exchange and providing and demonstrating fully compatible Command & Control, Data Fusion and Decision Support systems.

The project will address the “*fragmentation*” and close “*gaps*” providing a secure, effective common situational awareness and information exchange system integrated with CISE. Furthermore, based on the analysis of past and current initiatives in the sphere of Border Security, the project will aim to develop solutions leveraging on the results extracted from relevant projects formerly funded by the EU.

### 1.2 WP7 Impact Creation, Exploitation and Standardization Activities

WP7 “*Impact Creation, Exploitation and Standardization Activities*” includes dissemination, communication, standardization and exploitation tasks. Its scope is to disseminate the project’s results and communicate its objectives and outcomes to a wide group of stakeholders by utilizing various dissemination and communication channels (*online and offline*), such as web tools, social media, publications, conferences and events (*via participation*) and so on. Moreover, by increasing the visibility of ANDROMEDA and its potential impact to improve the opportunities for exploitation of the project’s outcomes. The Work Package is consisted of five interrelated tasks which namely are:

- T7.1 Dissemination and Communication (*M1-M24*);
- T7.2 Workshops Coordination (*M1-M24*);
- T7.3 IPR Review and Patenting Process (*M8-M24*);
- T7.4 Exploitation Plan and Market Large Uptake Assessment (*M1-M24*);
- T7.5 Standardization (*M1-M24*).

It should be noted that WP7 obtains inputs from all other WPs and ensures that the communication and dissemination of results has been achieved to the outside parties as well as to participating entities.

### 1.3 Scope and Objective of D7.3

According to the DoA, the deliverable “*D7.3 Final Dissemination Material*” describes in detail all produced printed and digital dissemination material within the period September 2020 to July 2021 (*M13-M23*). The materials presented in this document were created in order to support the ANDROMEDA dissemination and communication activities and the overall promotion of the project to stakeholders and beyond.

### 1.4 Intended Audience

Table 1: Intended Audience

Intended Audience	Reason for interest in reading
European Commission	As the funding authority to assess the effort made in regards to the produced dissemination material and their quality. It constitutes an official report of the project to EC.
Project Partners	To be informed on the printable and digital materials created and utilize them when necessary for assisting to the wider promotion

Intended Audience	Reason for interest in reading
	of the project and its results either individually per partner or as consortium in whole.
<b>Stakeholders</b> ( <i>National Border and Coast Guards, Software Industry, End user's community, EU institutions, Research institutions, Scientific and Technological community, etc.</i> )	To be informed about the ANDROMEDA project in general ( <i>scope, motivation, expected impact, contact details with the project etc.</i> ), the offered solution and the produced results.
<b>Representatives of organizations</b> involved in EU funded projects under similar topic	To share knowledge and best practices on the creation of dissemination material. Moreover, it can assist in expanding the network of ANDROMEDA project by introducing it to other related EU funded ones.
<b>General Public</b>	To be informed about the project in general.

## 1.5 Structure

This deliverable is consisted of four chapters.

The **first chapter** is an introductory one where the reader is informed about the purpose of the project, the tasks included in work package 7 and the scope and objectives of the current deliverable. Moreover, the intended audience is presented along with the reasons for interest in reading D7.3 per each.

The **second chapter** presents the materials produced for the promotion of the ANDROMEDA Workshops, the **third one** described other material created to communicate the project and its results which namely are the newsletter issues no.3, no.4, no.5 and no.6, as well as the updated versions of the Official Presentation and the Leaflet of the project during Y2.

Lastly, the **fourth chapter** concludes this deliverable.

## 2. ANDROMEDA Workshops Materials

This chapter presents the material produced for the effective promotion of the two ANDROMEDA Workshops which were both organized during the second year of project’s implementation. The first one took place during September 2020 and the second during June 2021. The ANDROMEDA workshops were held virtually with great success and the materials produced were in digital format only.

### 2.1 Leaflet - 1<sup>st</sup> Workshop

The Task 7.1 leader (STWS) within the frame of effectively promoting the event to a wider audience created a leaflet dedicated to the 1<sup>st</sup> ANDROMEDA Workshop. It included a brief description of the ANDROMEDA project, an outline of event’s programme and the registration link. This promotional material was produced only in digital format and the consortium communicated it to its network and contacts via various online channels.



**SAVE THE DATE**  
September 28<sup>th</sup>-29<sup>th</sup>, 2020

**ANDROMEDA ONLINE WORKSHOP**  
An Enhanced Common Information Sharing Environment  
for Border Command, Control and Coordination Systems

**WORKSHOP PROGRAMME**

**DAY 1**

Technical Session:

- The ANDROMEDA high-level Architecture and System Components
- The extended CISE Data Model (e-CISE) of ANDROMEDA
- The ANDROMEDA Command, Control and Coordination CISE-compatible systems
- The Advanced Data Fusion and Decision Support Services

Stakeholders' Session I:

- Sharing Experiences on Maritime Border Surveillance

**DAY 2**

Stakeholders' Session II:

- Sharing Experiences on Land Border Surveillance

EU Projects' Session:

- Research results & lessons learnt from EU funded

**REGISTRATION LINK**  
<https://tinyurl.com/vy8fups3>

For more information please contact:  
[first-workshop@andromeda-project.eu](mailto:first-workshop@andromeda-project.eu)

[www.andromeda-project.eu](http://www.andromeda-project.eu)

[@andromeda\\_h2020](https://twitter.com/andromeda_h2020)

[andromeda-horizon2020-project](https://www.linkedin.com/company/andromeda-horizon2020-project)

**Andromeda in brief**

Border surveillance is a complex mission, given the length of European borders and the variety of terrain configuration.

In 2010, the European Commission put forward a six-step Roadmap towards the Maritime Common Information Sharing Environment (CISE).

ANDROMEDA aims to unlock the full capabilities of the CISE Model by enhancing the Maritime CISE Model and by extending its scope to the Land Surveillance Information Exchange.

19 partners from 9 countries are working in the Andromeda Horizon 2020 project from September 2019 to February 2021.

"Andromeda will provide a distributed set of Systems & Services interconnected according to the CISE principles that will foster Faster detection of new events, Better informed decision making and Achievement of a shared understanding & undertaking of a situation on each side of the shared border.

Most importantly, this will be a secure, effective, common situational awareness and information exchange system integrated with CISE"

-Andromeda End Users

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 833881. This communication material reflects only the authors' views and the Research Executive Agency (REA) is not responsible for any use that may be made of the information it contains.

Figure 1: Leaflet - 1<sup>st</sup> Workshop

### 2.2 Agenda - 1<sup>st</sup> Workshop

The agenda of the 1<sup>st</sup> ANDROMEDA Workshop was built by KEMEA, GMV, STWS and ICCS in close collaboration with the rest of the consortium. This material was utilized by the ANDROMEDA project partners for communicating the event, its topics, the speakers to participate with presentation and the round table discussion. It was available online on project’s website and enclosed in the registration link (see section 2.4 **Registration Link – 1<sup>st</sup> Workshop**).



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SU-BES03-2018, Subtopic: Open  
Demonstration of applied solutions to enhance border and external security



**andromeda**

An Enhanced Common Information Sharing Environment for  
Border Command, Control and Coordination Systems

Grant Agreement Number: 833881

**Agenda**  
**ANDROMEDA 1<sup>st</sup> Workshop**  
**Online Event**

28-29 September 2020 (times in CEST)

GoToWebinar Registration Link  
<https://tinyurl.com/yv6tunc9>



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 833881.



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**Day 1 – 28 September 2020**

Time	Topic
<b>Opening Session</b>	
10:00 – 10:05 Duration: 5 min	Welcome <i>Mrs. Athena Foka, Project Coordinator, Special Service of European Union Structural Funds of the Hellenic Ministry of Maritime Affairs and Insular Policy</i>
10:05 – 10:15 Duration: 10 min	Brief Introduction to ANDROMEDA Online Workshop <i>Mr. Alkis Astyropoulos, KEMEA</i>
10:15 – 12:15	<b>Technical Session – Present the ANDROMEDA Results achieved so far</b> <i>Moderators: Mr. Alkis Astyropoulos, KEMEA; Dr. Antonis Kostaridis, STWS; Mr. David Merino, GMV</i>
10:15 – 10:20 Duration: 5 min	Introduction to the Session and Speakers <i>Mr. Alkis Astyropoulos, KEMEA</i>
10:20 – 10:40 Duration: 20 min Q/A: 5 min	Invited speaker CISE Data model for Maritime Surveillance <i>Mr. David Berger, JRC</i>
10:40 – 11:00 Duration: 20 min Q/A: 5 min	Project speaker The ANDROMEDA high-level architecture and system components <i>Mr. Fernando Labarga, GMV</i>
11:00 – 11:20 Duration: 20 min Q/A: 5 min	Project speaker The extended CISE Data Model (e-CISE) of ANDROMEDA <i>Dr. Antonis Kostaridis, SATWAYS</i>
11:20 – 11:40 Duration: 20 min Q/A: 5 min	Project speaker The ANDROMEDA Command, Control & Coordination CISE-compatible systems <i>Mr. Hugo Pinto, INOVAWORKS</i>
11:40 – 12:00 Duration: 20 min Q/A: 5 min	Project speaker Advanced Data Fusion and Decision Support Services <i>Mr. Vasilis Papadopoulos, EXUS</i>
12:00 – 12:15 Duration: 15 min	Round-table discussion <ul style="list-style-type: none"> <li>Challenges and expectations from CISE extension and applicability to the Land domain</li> </ul>

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Figure 2: 1<sup>st</sup> Workshop Agenda (pp. 1-2)



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Time	Topic
	<ul style="list-style-type: none"> <li>Impact of the full compliance of ANDROMEDA's C2s and data fusion &amp; decision support services with CISE</li> </ul>
<b>Lunch break (1 Hour)</b>	
13:15 – 16:00	<b>Stakeholders Session – Sharing Experiences on Maritime Border Surveillance</b> <i>Moderators: Mr. Alkis Astyropoulos, KEMEA; Dr. Antonis Kostaridis, STWS; Mr. David Merino, GMV</i>
13:15 – 13:20 Duration: 5 min	Introduction to the Session and Speakers <i>Dr. Antonis Kostaridis, STWS</i>
13:20 – 13:40 Duration: 20 min Q/A: 5 min	Invited speaker CISE Transitional Phase - state of play <i>Mr. Gianluca Luraschi, EMSA</i>
13:40 – 14:00 Duration: 20 min Q/A: 5 min	Project speaker Italian Navy in ANDROMEDA and expectations <i>Cdr. Luca Bertocchi, Italian Navy General Staff</i>
14:00 – 14:20 Duration: 20 min Q/A: 5 min	Invited speaker French Coast guard Function and maritime surveillance <i>Mr. Alexis Blum, Chargé de mission «projets européens», Secrétariat général de la Mer</i>
14:20 – 14:40 Duration: 20 min Q/A: 5 min	Project speaker Maritime Surveillance – Sharing HCG Experience <i>Cdr. (HCG) Georgios Christianos, Head of IMSB (Integrated Maritime Surveillance Bureau) of the Hellenic Coast Guard</i>
14:40 – 15:00 Duration: 20 min Q/A: 5 min	Project speaker Sharing Experiences from Portugal on maritime surveillance <i>Cdr. (Navy) João Fidalgo Neves, MARINHA Escola Naval</i>
15:00 – 15:20 Duration: 20 min Q/A: 5 min	Project speaker Intersectoral cooperation in the maritime domain in Montenegro <i>Mr. Žarko Lukšić, Deputy Director at MSD and Mr. Lasica Zoran, Head of NCC Podgorica, Montenegro Border Police</i>
15:20 – 15:35 Duration: 15 min	Round-table discussion <ul style="list-style-type: none"> <li>Limitations in information exchange and maritime border surveillance that end users face</li> </ul>

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Time	Topic
	<ul style="list-style-type: none"> <li>Benefits that the ANDROMEDA system could bring in other regions of Europe</li> <li>Overall added value of ANDROMEDA system</li> </ul>
15:35 – 15:50	ANDROMEDA Advisory Board feedback <ul style="list-style-type: none"> <li>Feedback and recommendations from the technical, operational, business &amp; exploitation point of view</li> </ul>
<b>Closing Session</b>	
15:50 – 16:00 Duration: 10 min	Conclusions and Wrap Up of Day 1 <i>Mr. David Merino, GMV</i>

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Figure 3: 1<sup>st</sup> Workshop Agenda (pp. 3-4)

Time	Topic
<b>Opening Session</b>	
10:00 – 10:05 Duration: 5 min	Welcome Mrs. Athena Foka, Project Coordinator, Special Service of European Union Structural Funds of the Hellenic Ministry of Maritime Affairs and Insular Policy
10:05 – 10:15 Duration: 10 min	Summary of Day 1 Mr. David Merino, GMV
10:15 – 12:35 Stakeholders Session – Sharing Experiences on Land Border Surveillance Moderators: Mr. Alkis Astyokopoulos, KEMEA; Dr. Antonis Kostaridis, STWS; Mr. David Merino, GMV	
10:15 – 10:20 Duration: 5 min	Introduction to the Session and Speakers Mr. David Merino, GMV
10:20 – 10:40 Duration: 20 min Q/A: 5 min	Invited speaker FRONTEX Aerial Surveillance Activity – a successful case during land border patrol Mr. Mirco Negro, FRONTEX
10:40 – 11:00 Duration: 20 min Q/A: 5 min	Project speaker Integrated border management in Evros region - Implementation of ANDROMEDA project Police Major Dimosthenis Kamargios, Hellenic Police
11:00 – 11:20 Duration: 20 min Q/A: 5 min	Invited speaker Sharing Experiences from Spain on land and maritime border surveillance Major Moises Vos Martinez, Guardia Civil
11:20 – 11:40 Duration: 20 min Q/A: 5 min	Invited speaker Applied Research and Innovation for European Security Mr. Lénárd Zsáka, Chief Security Officer of Székely Family&Co and Senior Police Executive at the MoI of Hungary
11:40 – 12:00 Duration: 20 min Q/A: 5 min	Invited speaker Experiences on the Land Border Surveillance Mr. Risto Shritov, Head of Support Unit in the Department for Border Affairs and Migration, Ministry of Interior of North Macedonia
12:00 – 12:20	Project speaker

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Time	Topic
Duration: 15 min Q/A: 5 min	The Israeli National Police experience in land border surveillance Mr. Gal Levy, MOPS-INP
12:20 – 12:35 Duration: 15 min	Round-table discussion <ul style="list-style-type: none"> <li>• Limitations in information exchange and land border surveillance that end users face</li> <li>• Benefits that the ANDROMEDA system could bring in other regions of Europe</li> <li>• Overall added value of ANDROMEDA system</li> </ul>
<b>Lunch break (1 Hour)</b>	
13:35 – 16:45 Research results & lessons learnt from EU funded projects on Maritime and Land Border Surveillance Moderators: Mr. Alkis Astyokopoulos, KEMEA; Dr. Antonis Kostaridis, STWS; Mr. David Merino, GMV	
13:35 – 13:40 Duration: 5 min	Introduction to the Session and Speakers Mr. David Merino, GMV
13:40 – 14:00 Duration: 20 min Q/A: 5 min	OCEAN2020 Project – A Technological Demonstrator of Enhanced Situation Awareness in Naval Environment with the Use of Unmanned Systems Mr. Matteo Lusignoll, Leonardo
14:00 – 14:20 Duration: 20 min Q/A: 5 min	COMPASS2020 – Multi-domain mission system for persistent surveillance Commander (Navy) (OF-4), João Carlos Lourenço da Piedade, Maritime Administration of Portugal
14:20 – 14:40 Duration: 20 min Q/A: 5 min	MARISA – Maritime Integrated Surveillance Awareness: “MARISA results and way forward” Mr. Agostino Longo, Leonardo
14:40 – 15:00 Duration: 20 min Q/A: 5 min	ROBORDER – Autonomous Swarm of Heterogenous Robots for Border Surveillance” Mr. Vagelis Chatzistavros, Centre for Research and Technology (CERTH)
15:00 – 15:20 Duration: 20 min Q/A: 5 min	FOLDOUT – Through foliage detection of illegal cross border activities Mr. Andreas Kriechbaum-Zabini, AIT Austrian Institute of Technology (AIT)
15:20 – 15:40 Duration: 20 min Q/A: 5 min	CAMELOT – C2 Advanced Multi-domain Environment and Live Observation Technologies Mr. Juan Gomez, Universitat Politècnica de València (UPV)

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Figure 4: 1<sup>st</sup> Workshop Agenda (pp. 5-6)

Time	Topic
15:40 – 16:00 Duration: 20 min Q/A: 5 min	ARESIBO – Augmented Reality Enriched Situation awareness for Border security Prof. Stathes Hadjiefthymiades, Dept. of Informatics & Telecommunications, University of Athens (UoA)
16:00 – 16:20 Duration: 20 min Q/A: 5 min	EFFECTOR – An End to end Interoperability Framework For Maritime Situational Awareness at Strategic and Tactical Operations Mr. Patrick Mugnier, NAVAL Group
16:20 – 16:35 Duration: 15 min	Round-table discussion <ul style="list-style-type: none"> <li>• Common research challenges and standardization needs</li> <li>• Room for further research</li> <li>• Common communication efforts and activities</li> </ul>
<b>Closing Session</b>	
16:35 – 16:45 Duration: 10 min	Conclusions and Wrap up of Day 2 Mr. David Merino, GMV

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Figure 5: 1<sup>st</sup> Workshop Agenda (pp. 7)

### 2.3 Announcement on Project’s Website - 1<sup>st</sup> ANDROMEDA Workshop

The ANDROMEDA website is the main online communication channel of the project and for this reason a Save-the-Date digital banner was created by STWS (T7.1 leader) to accompany the announcement for the organisation of the 1<sup>st</sup> ANDROMEDA workshop. This call-to-action news article invited all stakeholders to register and attend the online event. It included a brief description of event’s programme, the registration link, the Save-the-Date digital banner and the agenda. The table below provides the content included in the website announcement.

Website Announcement content
<b>ANDROMEDA 1st Workshop Online September 28th &amp; 29th, 2020</b>
<p>The ANDROMEDA project partner GMV is organizing the first Online ANDROMEDA Workshop that will take place on September 28th and 29th, 2020. The workshop objective is to present and promote the so far achieved results and to initiate stimulating discussions with the Consortium partners, end-users, practitioners and other policy makers and stakeholders. During these two days, four sessions will be developed. Starting from the Technical session, in which some partners will explain the architecture and system components, the CISE data model, the command, control and coordination CISE-compatible systems, as well as the data fusion and decision support services. In the first Stakeholders’ session, the sharing experiences on maritime surveillance will be shown. The second and last day of the workshop, the second Stakeholders’ session devoted to land border surveillance and the EU Projects’ session will occur. In this last session, the research results and lessons learnt from EU funded project on maritime and land border surveillance will be discussed. You can register <a href="#">here</a>.</p> <p>The workshop agenda can be downloaded from <a href="#">here</a>.</p> <p>Your participation will help support An Enhanced Common Information Sharing Environment for Border Command, Control and Coordination Systems! Looking forward to seeing you there!</p>



Figure 6: Announcement on Project’s Website - 1<sup>st</sup> Workshop

### 2.4 Registration Link – 1<sup>st</sup> Workshop

The ANDROMEDA partner, GMV, that was responsible for organizing the event set up the registration form for participating to the event. The registration link was promoted via the ANDROMEDA website, project’s social media accounts and 1<sup>st</sup> ANDROMEDA Workshop leaflet. Moreover, the registration link was sent to

the partners' network via online correspondence. The table below provides the content included within the registration form.

Registration Form
<p><b>Link for registering to the event both day:</b> <a href="https://register.gotowebinar.com/register/5805020481671862798">https://register.gotowebinar.com/register/5805020481671862798</a></p>
<h2>First ANDROMEDA Workshop</h2> <p>This webinar meets 2 times.</p> <p><i>Show in My Time Zone</i> Mon, Sep 28, 2020 11:00 AM - 5:00 PM EEST Tue, Sep 29, 2020 11:00 AM - 5:30 PM EEST</p> <p><b>GMV is organizing the 1st ANDROMEDA Workshop, via GoToWebinar.</b> This online seminar will take place on 28th and 29th September. The webinar will be driven in English.</p> <p>During these two days, four sessions will be developed. Starting from the Technical session, in which some partners will explain the architecture and system components, the CISE data model, the command, control and coordination CISE-compatible systems, as well as the data fusion and decision support services. In the first Stakeholders' session, the sharing experiences on maritime surveillance will be shown. The second and last day of the workshop, the second Stakeholders' session devoted to land border surveillance and the EU Projects' session will occur. In this last session, the research results and lessons learnt from EU funded project on maritime and land border surveillance will be discussed.</p> <p>Your presence helps to make this event a great success. Hope that you enjoy it. ANDROMEDA in brief: Border surveillance is a complex mission, given the length of European borders and the variety of terrain configuration.</p> <p>In 2010, the European Commission put forward a six-step Roadmap towards the Maritime Common Information Sharing Environment (CISE). ANDROMEDA aims to unlock the full capabilities of the CISE Model by enhancing the Maritime CISE Model and by extending its scope to the Land Surveillance Information Exchange.</p> <p>19 partners from 9 countries are working in the ANDROMEDA Horizon 2020 project from September 2019 to February 2021.</p> <p><b>*Required field</b></p> <ul style="list-style-type: none"><li>• <b>First Name</b></li><li>• <b>Last Name</b></li><li>• <b>Email Address</b></li><li>• <b>Country</b></li><li>• <b>Organization</b></li><li>• <b>Job Title</b></li></ul> <p><b>Basic Data-Protection information</b> * Data-protection supervisor: GMV Innovating Solutions S.L. CIF: B85717775 Address: C/ Isaac Newton 11. P.T.M. 28760 Tres Cantos (Madrid). * Privacy supervisor: <a href="mailto:privacy@gmv.com">privacy@gmv.com</a>. * Purpose: development of trading, business and direct marketing activities. * Legitimation: consent of data subject * Rights: to access, modify or delete the personal data you have provided, send an email to <a href="mailto:privacy@gmv.com">privacy@gmv.com</a>. * For further information, you can check out the additional and detailed data-protection information on our website (<a href="https://www.gmv.com/en/conditions.html">https://www.gmv.com/en/conditions.html</a>). I expressly authorize the processing of my personal data, in accordance with the GMV Privacy Policy.</p>



## First Andromeda Workshop

This webinar meets 2 times.

Mon, Sep 28, 2020 11:00 AM - 5:00 PM EEST

Tue, Sep 29, 2020 11:00 AM - 5:30 PM EEST

[Show in My Time Zone](#)

GMV is organizing the 1st Andromeda Workshop, via GoToWebinar. This online seminar will take place on 28th and 29th September. The webinar will be driven in English.

During these two days, four sessions will be developed. Starting from the Technical session, in which some partners will explain the architecture and system components, the CISE data model, the command, control and coordination CISE-compatible systems, as well as the data fusion and decision support services. In the first Stakeholders' session, the sharing experiences on maritime surveillance will be shown. The second and last day of the workshop, the second Stakeholders' session devoted to land border surveillance and the EU Projects' session will occur. In this last session, the research results and lessons learnt from EU funded project on maritime and land border surveillance will be discussed.



Your presence helps to make this event a great success.

Hope that you enjoy it.

Andromeda in brief:

Border surveillance is a complex mission, given the length of European borders and the variety of terrain configuration.

In 2010, the European Commission put forward a six-step Roadmap towards the Maritime Common Information Sharing Environment (CISE). ANDROMEDA aims to unlock the full capabilities of the CISE Model by enhancing the Maritime CISE Model and by extending its scope to the Land Surveillance Information Exchange.

19 partners from 9 countries are working in the Andromeda Horizon 2020 project from September 2019 to February 2021.

\*Required field

First Name\*

Last Name\*

Email Address\*

Country

Choose One...



Organization\*

Job Title

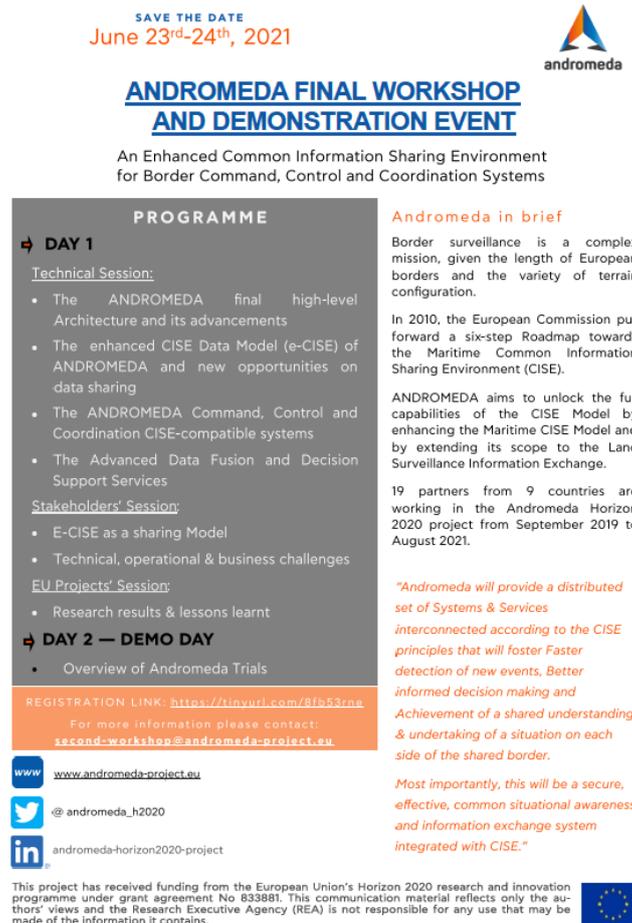
Basic Data Protection Information \* Data-protection supervisor: GMV Innovating Solutions S.L. CIF: B85717775 Address: C/ Isaac Newton 11, P.T.M. 28760 Tres Cantos (Madrid). \* Privacy supervisor: [privacy@gmv.com](mailto:privacy@gmv.com). \* Purpose: development of trading, business and direct marketing activities. \* Legitimation: consent of data subject \* Rights: to access, modify or delete the personal data you have provided, send an email to [privacy@gmv.com](mailto:privacy@gmv.com). \* For further information, you can check out the additional and detailed data-protection information on our website (<https://www.gmv.com/en/conditions.html>). I expressly authorize the processing of my personal data, in accordance with the GMV Privacy Policy.

[Join Webinar in Progress](#)

Figure 7: Registration form - 1<sup>st</sup> Workshop

## 2.5 Leaflet - Final Workshop and Demonstration Event

T7.1 leader, STWS, created a leaflet in digital format dedicated to the ANDROMEDA Final Workshop and Demonstration Event, in order to assist the promotion of the event to a wider audience. It included a brief description of the ANDROMEDA project, an outline of event's programme and the registration link. It was communicated by the consortium to its network and contacts via various online channels for raising the visibility of the event.



SAVE THE DATE  
June 23<sup>rd</sup>-24<sup>th</sup>, 2021

**ANDROMEDA FINAL WORKSHOP  
AND DEMONSTRATION EVENT**

An Enhanced Common Information Sharing Environment  
for Border Command, Control and Coordination Systems

**PROGRAMME**

➔ **DAY 1**

Technical Session:

- The ANDROMEDA final high-level Architecture and its advancements
- The enhanced CISE Data Model (e-CISE) of ANDROMEDA and new opportunities on data sharing
- The ANDROMEDA Command, Control and Coordination CISE-compatible systems
- The Advanced Data Fusion and Decision Support Services

Stakeholders' Session:

- E-CISE as a sharing Model
- Technical, operational & business challenges

EU Projects' Session:

- Research results & lessons learnt

➔ **DAY 2 — DEMO DAY**

- Overview of Andromeda Trials

**Andromeda in brief**

Border surveillance is a complex mission, given the length of European borders and the variety of terrain configuration.

In 2010, the European Commission put forward a six-step Roadmap towards the Maritime Common Information Sharing Environment (CISE).

ANDROMEDA aims to unlock the full capabilities of the CISE Model by enhancing the Maritime CISE Model and by extending its scope to the Land Surveillance Information Exchange.

19 partners from 9 countries are working in the Andromeda Horizon 2020 project from September 2019 to August 2021.

*"Andromeda will provide a distributed set of Systems & Services interconnected according to the CISE principles that will foster Faster detection of new events, Better informed decision making and Achievement of a shared understanding & undertaking of a situation on each side of the shared border.*

*Most importantly, this will be a secure, effective, common situational awareness and information exchange system integrated with CISE."*

REGISTRATION LINK: <https://tinyurl.com/Rfb53rns>  
For more information please contact: [second-workshop@andromeda-project.eu](mailto:second-workshop@andromeda-project.eu)

www [www.andromeda-project.eu](http://www.andromeda-project.eu)  
@ [@andromeda\\_h2020](https://twitter.com/andromeda_h2020)  
in [andromeda-horizon2020-project](https://www.linkedin.com/company/andromeda-horizon2020-project)

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 833881. This communication material reflects only the authors' views and the Research Executive Agency (REA) is not responsible for any use that may be made of the information it contains.



Figure 8: Leaflet - Final Workshop

## 2.6 Agenda - Final Workshop & Demonstration Event

The Agenda of the Final Workshop and Demonstration event was built by EXUS, KEMEA, STWS and ICCS in close collaboration with the rest of the consortium. This material was utilized by the ANDROMEDA project partners for communicating the workshop as well as the demonstration event, its topics, the speakers who participated with presentation and the round table discussions. It was available online on project's website and enclosed in the registration link (*see section 2.8 Registration Link – Final Workshop and Demonstration Event*).



SU-BES03-2018, Subtopic: Open  
Demonstration of applied solutions to enhance border and external security



An Enhanced Common Information Sharing Environment for  
Border Command, Control and Coordination Systems

Grant Agreement Number: 833881

**Agenda**  
**ANDROMEDA Final Workshop**  
**Online Event**

23-24 June 2021 (times in CEST)

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[Zoom Registration Link](#)

**AGENDA - (Wednesday, 23/6/2021)**

Time (CEST)	Topic
<b>Opening Session</b>	
10:00 – 10:15 Duration: 15min	Welcome, Opening of the Workshop Mrs. Athena Foka (MMAIP) Mr. Pantelis Michalis (KEMEA) Mr. Dimitris Katsaros (EXUS)
10:15 – 10:25 Duration: 10 min	Welcome and introduction by DG-HOME Mr. Giulio Mancini
<b>10:25 – 13:25</b> Technical session, Ethics & societal impact	
10:25 – 10:50 Duration: 25 min Q/A: 5 min	ANDROMEDA's final architecture and its advancements Mr. Juan Manuel Grenner, GMV
10:50 – 11:15 Duration: 25 min Q/A: 5 min	The enhanced CISE and the new opportunities on data sharing Mr. Marios Moutzouris, SATWAYS
11:15 – 11:45 Duration: 30 min Q/A: 5 min	Command and Control systems Mr. Marios Moutzouris, SATWAYS

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Figure 9: Final Workshop & Demonstration Event Agenda (pp. 1-2)



Time (CEST)	Topic
11:45 – 12:00 15 min	Coffee Break
12:00 – 12:25 Duration: 20 min Q/A: 5 min	Advanced Data Fusion and Decision Support Services Mr. Vassilis Papadopoulos, EXUS
12:25 – 12:40 Duration: 15 min	Ethics & societal impact of ANDROMEDA solution Mr. Tuomas Tammilehto, IAU
12:40 – 13:05 Duration: 20 min Q/A: 5 min	ANDROMEDA highlights, Impact and Results Mr. Alkis Astyakopoulos, KEMEA
13:05 – 13:25 Duration: 20 min	Round-table discussion <ul style="list-style-type: none"> <li>Benefits from ANDROMEDA project</li> <li>eCISE as a sharing model</li> <li>Next day and expectations from ANDROMEDA</li> </ul> Moderator: Mr. Dimitris Katsaros Panelists: Mr. Alkis Astyakopoulos Mr. Jesus Hermida (EMSA), FRONTEX, Mr. Franco Oliveri (JRC), Mr. Antonis Kostaridis (STWS)
<b>Lunch break (1 Hour)</b>	
14:25 – 14:45 Duration: 20min Q/A: 5 min	OCEAN2020 Project Mr. Fernando Barbero
14:45 – 15:05 Duration: 20 min	COMPASS2020 Project Mr. Nexhat Kapidani

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Time (CEST)	Topic
Q/A: 5 min	
15:05 – 15:25 Duration: 20 min Q/A: 5 min	EFFECTOR Project Cdr. Alexis Blum
15:25 – 15:45 Duration: 20 min	Round table discussion <ul style="list-style-type: none"> <li>Surveillance systems and challenges</li> <li>Potential Synergies</li> <li>technical, operational &amp; business challenges</li> </ul> Moderator: Mr. David Merino, GMV Panelists: Mr. Fernando Barbero, OCEAN2020, Mr. Nexhat Kapidani, COMPAS2020, Cdr. Alexis Blum, EFFECTOR
15:45 – 16:15	Wrap Up of Day 1 - Questions - Buffer time

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Figure 10: Final Workshop & Demonstration Event Agenda (pp. 3-4)

AGENDA - (Thursday 24/6/2021)	
Time (CEST)	Topic
Opening Session	
10:00 – 10:10 Duration: 10 min	Welcome, Opening of the Trial session Mrs. Athena Foka, MMAIP Mr. Dimitris Myttas, KEMEA
10:10 – 10:15 Duration: 5 min	Summary of Day 1 Mr. Dimitris Katsaros, EXUS
10:15 – 12:35 ANDROMEDA trials	
10:15 – 10:25 Duration: 10 min	ANDROMEDA trials Mr. Aikis Astykapoulos, KEMEA
10:25 – 11:05 Duration: 40 min	Overview of ANDROMEDA trial 1 - Highlights - Results - Demo 1 Mr. Hugo Pinto, INOVAWORKS
11:05 – 11:55 Duration: 50 min	Overview of ANDROMEDA trial 2 - Highlights - Results - Demo 2 SATWAYS Mr. Marios Moutzouris

Time (CEST)	Topic
11:55 – 12:35 Duration: 40 min	Overview of ANDROMEDA trial 3 - Highlights - Results - Demo 3 Mr. Roberto Leuzzi, CODIN
12:35 – 12:50 Coffee Break	
12:50 – 13:25 Duration: 35 min	Round table discussion - Feedback from the ANDROMEDA end-users - Feedback from Key stakeholders Moderator: Mr. Aikis Astykapoulos, KEMEA Panelists: Mr. Gianluca Luraschi (EMSA), FRONTEX, Mr. Franco Oliveri (JRC), Cdr. Luca Bertocchi (ITN), CTEN Loureiro da Paiva (PTN), Lt. Cdr. Iordanis Naziris (HCG), Police Major Dimosthenis Kamargios (HPL), Police Captain George Tournakis (HPL), Mr. Giannakelis (HN), Mr. Nexhat Kapidani (AMSPM), Chief Expert Kamen Krachmarov (EAMA)
13:25 – 13:45 Duration: 20 min	ANDROMEDA - Next day - Impact of ANDROMEDA - Closing discussion MMAIP & KEMEA
13:45 – 14:15 Duration: 30 min	• Wrap Up of Day 2 - Questions EXUS

Figure 11: Final Workshop & Demonstration Event Agenda (pp. 3-4)

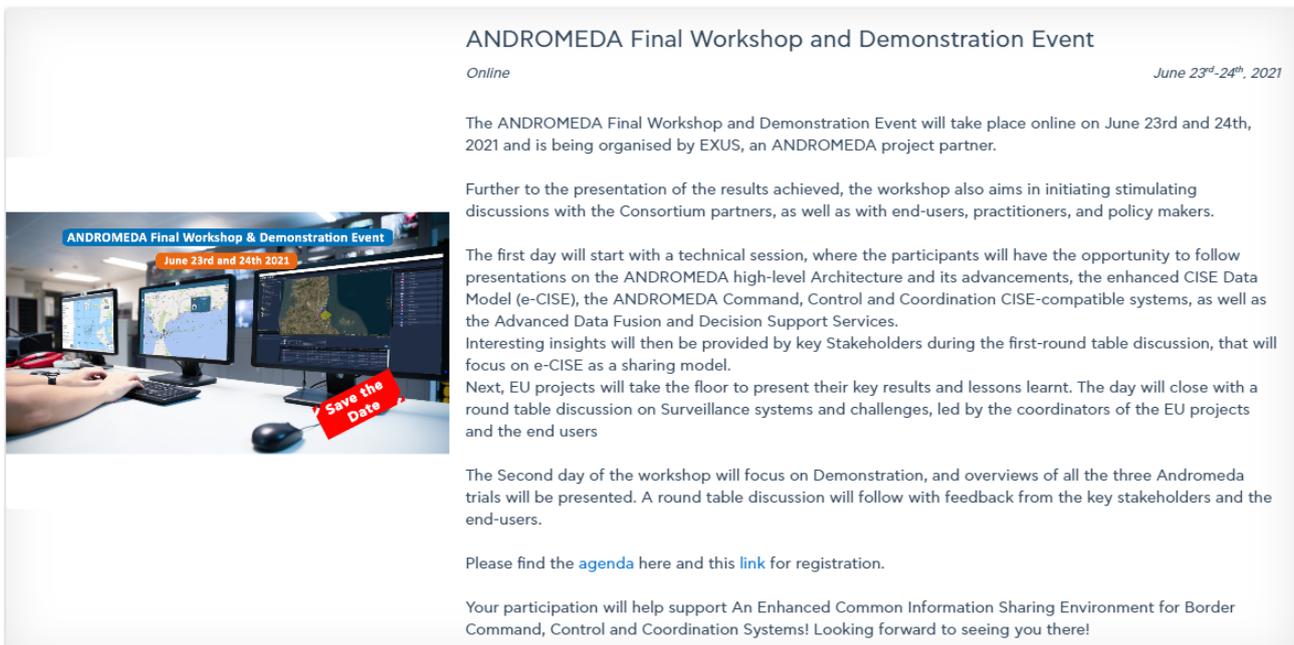
## 2.7 Announcement on Project’s Website - Final Workshop and Demonstration Event

The announcement for the ANDROMEDA Final Workshop and Demonstration Event was made via the main online communication channel, the ANDROMEDA website. A Save-the-Date digital banner was prepared by STWS (T7.1 leader) to accompany the announcement.

This call-to-action news article invited all stakeholders to register and attend the online event. It included a brief description of event’s programme, the registration link, the Save-the-Date digital banner and the agenda. The table below encloses the content of the website announcement.

Website Announcement content
<p><b>ANDROMEDA Final Workshop and Demonstration Event - June 23rd-24th, 2021</b></p> <p>The ANDROMEDA Final Workshop and Demonstration Event will take place online on June 23rd and 24th, 2021 and is being organised by EXUS, an ANDROMEDA project partner.</p> <p>Further to the presentation of the results achieved, the workshop also aims in initiating stimulating discussions with the Consortium partners, as well as with end-users, practitioners, and policy makers.</p> <p>The first day will start with a technical session, where the participants will have the opportunity to follow presentations on the ANDROMEDA high-level Architecture and its advancements, the enhanced CISE Data Model (e-CISE), the ANDROMEDA Command, Control and Coordination CISE-compatible systems, as well as the Advanced Data Fusion and Decision Support Services.</p> <p>Interesting insights will then be provided by key Stakeholders during the first-round table discussion, that will focus on e-CISE as a sharing model.</p>

Website Announcement content
<p>Next, EU projects will take the floor to present their key results and lessons learnt. The day will close with a round table discussion on Surveillance systems and challenges, led by the coordinators of the EU projects and the end users</p> <p>The Second day of the workshop will focus on Demonstration, and overviews of all the three Andromeda trials will be presented. A round table discussion will follow with feedback from the key stakeholders and the end-users.</p> <p>Please find the <a href="#">agenda</a> here and this <a href="#">link</a> for registration.</p> <p>Your participation will help support An Enhanced Common Information Sharing Environment for Border Command, Control and Coordination Systems! Looking forward to seeing you there!</p>



**ANDROMEDA Final Workshop and Demonstration Event**  
*Online* *June 23<sup>rd</sup>-24<sup>th</sup>, 2021*

The ANDROMEDA Final Workshop and Demonstration Event will take place online on June 23rd and 24th, 2021 and is being organised by EXUS, an ANDROMEDA project partner.

Further to the presentation of the results achieved, the workshop also aims in initiating stimulating discussions with the Consortium partners, as well as with end-users, practitioners, and policy makers.

The first day will start with a technical session, where the participants will have the opportunity to follow presentations on the ANDROMEDA high-level Architecture and its advancements, the enhanced CISE Data Model (e-CISE), the ANDROMEDA Command, Control and Coordination CISE-compatible systems, as well as the Advanced Data Fusion and Decision Support Services.

Interesting insights will then be provided by key Stakeholders during the first-round table discussion, that will focus on e-CISE as a sharing model.

Next, EU projects will take the floor to present their key results and lessons learnt. The day will close with a round table discussion on Surveillance systems and challenges, led by the coordinators of the EU projects and the end users

The Second day of the workshop will focus on Demonstration, and overviews of all the three Andromeda trials will be presented. A round table discussion will follow with feedback from the key stakeholders and the end-users.

Please find the [agenda](#) here and this [link](#) for registration.

Your participation will help support An Enhanced Common Information Sharing Environment for Border Command, Control and Coordination Systems! Looking forward to seeing you there!

Figure 12: Announcement on Project’s Website - Final Workshop and Demonstration Event

## 2.8 Registration Link - Final Workshop and Demonstration Event

The ANDROMEDA project partner, EXUS was responsible for organizing this two-day event and set up the registration form for participating to it. The registration link was promoted via the ANDROMEDA website, project’s social media accounts and the leaflet dedicated to this event. Moreover, the registration link was sent to partners’ network via online correspondence. The table below provides the content that was included in the registration form.

Registration Form
<p><b>Link for registering to the event both day:</b>  <a href="https://us02web.zoom.us/webinar/register/WN_dRFBwE_MTg-Sie8EMx01Jg">https://us02web.zoom.us/webinar/register/WN_dRFBwE_MTg-Sie8EMx01Jg</a></p>
<b>ANDROMEDA Final Workshop and Demonstration</b>

## Registration Form

**Topic**

ANDROMEDA - Final Workshop and Demonstration event- 23-24/06/2021

**Description**

ANDROMEDA FINAL WORKSHOP AND DEMONSTRATION EVENT

The ANDROMEDA Final Workshop and Demonstration Event will take place online on June 23rd and 24th, 2021 and is being organised by EXUS, an ANDROMEDA project partner. Further to the presentation of the results achieved, the workshop also aims in initiating stimulating discussions with the Consortium partners, as well as with end-users, practitioners, and policy makers. The first day will start with a technical session, where the participants will have the opportunity to follow presentations on the ANDROMEDA high-level Architecture and its advancements, the enhanced CISE Data Model (e-CISE), the ANDROMEDA Command, Control and Coordination CISE-compatible systems, as well as the Advanced Data Fusion and Decision Support Services. Interesting insights will then be provided by key Stakeholders during the first-round table discussion, that will focus on e-CISE as a sharing model. Next, EU projects will take the floor to present their key results and lessons learnt. The day will close with a round table discussion on Surveillance systems and challenges, led by the coordinators of the EU projects and the end users. The Second day of the workshop will focus on Demonstration, and overviews of all the three Andromeda trials will be presented. A round table discussion will follow with feedback from the key stakeholders and the end-users. Your participation will help support An Enhanced Common Information Sharing Environment for Border Command, Control and Coordination Systems!

Looking forward to seeing you there!

**\* Required information**

**Time**

**Jun 23, 2021 11:00 AM**

**Jun 24, 2021 11:00 AM**

**Time shows in Athens**

- **First Name \***
- **Last Name \***
- **Email Address \***
- **Confirm Email Address \***
- **Country/Region**
- **Organization \***
- **Job Title**

I have read, and I understand the information that has been given to me through the Information Sheet. I agree to participate in ANDROMEDA Workshop & Demonstration Day, and I consent to the processing of my personal data for the purposes explained to me YES / NO \*

Information you provide when registering will be shared with the [account owner](#) and host and can be used and shared by them in accordance with their Terms and Privacy Policy.

[Register](#)

[Information Sheet for Participation and Data Processing](#)

## ANDROMEDA Final Workshop and Demonstration

**Topic:** ANDROMEDA - Final Workshop and Demonstration event- 23-24/06/2021

**Description:** ANDROMEDA FINAL WORKSHOP AND DEMONSTRATION EVENT

The ANDROMEDA Final Workshop and Demonstration Event will take place online on June 23rd and 24th, 2021 and is being organised by DXUS, an ANDROMEDA project partner.

Further to the presentation of the results achieved, the workshop also aims in initiating stimulating discussions with the Consortium partners, as well as with end-users, practitioners, and policy makers.

The first day will start with a technical session, where the participants will have the opportunity to follow presentations on the ANDROMEDA high-level Architecture and its advancements, the enhanced CISE Data Model (e-CISE), the ANDROMEDA Command, Control and Coordination CISE-compatible systems, as well as the Advanced Data Fusion and Decision Support Services.

Interesting insights will then be provided by key Stakeholders during the first-round table discussion, that will focus on e-CISE as a sharing model.

Next, EU projects will take the floor to present their key results and lessons learnt. The day will close with a round table discussion on Surveillance systems and challenges, led by the coordinators of the EU projects and the end users.

The Second day of the workshop will focus on Demonstration, and overviews of all the three Andromeda trials will be presented. A round table discussion will follow with feedback from the key stakeholders and the end-users.

Your participation will help support An Enhanced Common Information Sharing Environment for Border Command, Control and Coordination Systems!  
Looking forward to seeing you there!



**Time:** Jun 23, 2021 11:00 AM  
Jun 24, 2021 11:00 AM  
Time shows in [Athens](#)

\* Required information

First Name *	Last Name *
<input type="text"/>	<input type="text"/>
Email Address *	Confirm Email Address *
<input type="text"/>	<input type="text"/>
Country/Region	Organization *
<input type="text" value="United Kingdom"/>	<input type="text"/>
Job Title	
<input type="text"/>	

I have read, and I understand the information that has been given to me through the Information Sheet. I agree to participate in ANDROMEDA Workshop & Demonstration day, and I consent to the processing of my personal data for the purposes explained to me. \*

Yes  
 No

Information you provide when registering will be shared with the account owner and host and can be used and shared by them in accordance with their Terms and Privacy Policy.

[Register](#)

[Information Sheet for Participation and Data Processing](#)

Figure 13: Registration form - Final Workshop and Demonstration Event

### 3. Other ANDROMEDA Material

Besides the digital material that was prepared by the ANDROMEDA consortium for promoting the project’s workshops and the demonstration event, there was also other material planned to be produced during Y2. These materials namely are the newsletter issue no.3, issue no.4, no.5 and no.6 as well as the updated version of the ANDROMEDA Leaflet and project’s Official Presentation.

#### 3.1 3<sup>rd</sup> Newsletter Issue (November 2020)

The [third newsletter issue](#) of the project was created by Satways and covered the period from April 2020 to July 2020 and published in November 2020. It presented the activities performed by the consortium within this period and the topics included were:

- A short description of the project which introduced Andromeda to the reader;
- The 3rd Andromeda Plenary Meeting;
- Interview given by EAMA for the online portal [www.economic.bg](http://www.economic.bg);
- Conference on VTMISS organized by the SAGOV project;
- Presentation of Andromeda to the Minister of Citizen Protection of Greece and the Frontex Executive Director.



Figure 14: 3<sup>rd</sup> Andromeda Newsletter Issue

### 3.2 4<sup>th</sup> Newsletter Issue (May 2021)

The [fourth newsletter issue](#) of the project was created by Satways and covered the period from August 2020 to December 2020. It was published in May 2021 and presented the activities performed by the consortium within the aforementioned period. The topics included in the fourth issue were:

- A short description of the project which introduced Andromeda to the reader;
- Installations and Integration;
- End Users' Training;
- 5th SEEDA-CECNSM 2020 Conference;
- 1st ANDROMEDA online Workshop;
- 5th CISE Stakeholder Group Meeting EMSA;
- Andromeda e-CISE Data Model publication.

May 2021  
4<sup>th</sup> Issue, page 1/2  
Andromeda Horizon2020 project  
[www.andromeda-project.eu](http://www.andromeda-project.eu)

**ANDROMEDA NEWSLETTER**  
An Enhanced Common Information Sharing Environment  
for Border Command, Control and Coordination Systems

**In this issue**

- ➔ End Users Training and Andromeda Trials preparation
- ➔ Presentation of Andromeda at:
  - The 5th CISE Stakeholder Group Meeting of EMSA
  - The 5th SEEDA-CECNSM 2020 Conference
- ➔ Publication of the Andromeda e-CISE data model.

**Installations and Integration**

During June and July 2020, several activities were successfully completed in Greece with respect to installations and integration of fixed and deployable surveillance systems.

**End Users' Training**

On July 2020, Satways trained the Hellenic Police on the solution provided. The End Users validated its surveillance and decision making capabilities in the Land domain.



**5th SEEDA-CECNSM 2020 Conference**

ICCS presented their paper titled "Preliminary design of a multipurpose UAV situational awareness platform based on novel computer vision & machine learning techniques" at the 5th SEEDA-CECNSM 2020 (5th South-East Europe Design Automation, Computer Engineering, Computer Networks and Social Media Conference) that took place on September 25th and 27th, 2020.

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 833881. This communication material reflects only the authors' views and the Research Executive Agency (REA) is not responsible for any use that may be made of the information it contains.



May 2021  
4<sup>th</sup> Issue, page 2/2  
Andromeda Horizon2020 project  
[www.andromeda-project.eu](http://www.andromeda-project.eu)

**ANDROMEDA NEWSLETTER**  
An Enhanced Common Information Sharing Environment  
for Border Command, Control and Coordination Systems

**1st ANDROMEDA online Workshop**

The 1st Online Workshop of the Andromeda Horizon 2020 project took place during September 28th - 29th, 2020. The Andromeda consortium is grateful to all invited speakers for their contribution. Details about the interesting presentations and the round table discussions held will be available in the 5th dedicated Issue of the Andromeda Newsletter.

**5th CISE Stakeholder Group Meeting of EMSA**

At the 5th CISE Stakeholder Group meeting that took place online during October 6<sup>th</sup>-7<sup>th</sup> 2020, the CSG members had the opportunity to learn more about ongoing projects with relevance for CISE. The meeting included a session where representatives from the ANDROMEDA, MARISA, RANGER and RO-BORDER projects shared information about these projects. Cdr. HCG Christos Gousias and Dr. Antonis Kostaridis presented the Andromeda project. The presentation included, among others, early results and an introduction to the e-CISE data model.

*"Andromeda will strengthen cross sector and cross border collaboration between authorities operating in the Land and Maritime Environments.*

*The enhanced CISE Model will streamline the integration with current and future operational systems and is perfectly aligned with the overall European policy that facilitates the interoperability and cooperation, and allows each Member State to decide how, when and whether additional data sources are of relevance to its operations.*

*Andromeda will kick start the future demand for CISE information services."*

*- Andromeda End Users*



**The Andromeda e-CISE Data model** is published and can be downloaded! e-CISE:

- ➔ inherits and extends the maritime domain specific entities of the CISE data model, and
- ➔ Introduces new entities for the Land Surveillance Operations domain.

 @andromeda\_h2020      andromeda-horizon2020-project

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 833881. This communication material reflects only the authors' views and the Research Executive Agency (REA) is not responsible for any use that may be made of the information it contains.



Figure 15: 4<sup>th</sup> Andromeda Newsletter Issue

### 3.3 5<sup>th</sup> Newsletter Issue (July 2021)

The 5<sup>th</sup> Newsletter of the Andromeda project was prepared by Satways and included the following activities:

- the Ionian Adriatic Maritime Border Trial that took place in March 2021
- and the Iberian Border Trial that took place in May 2021.

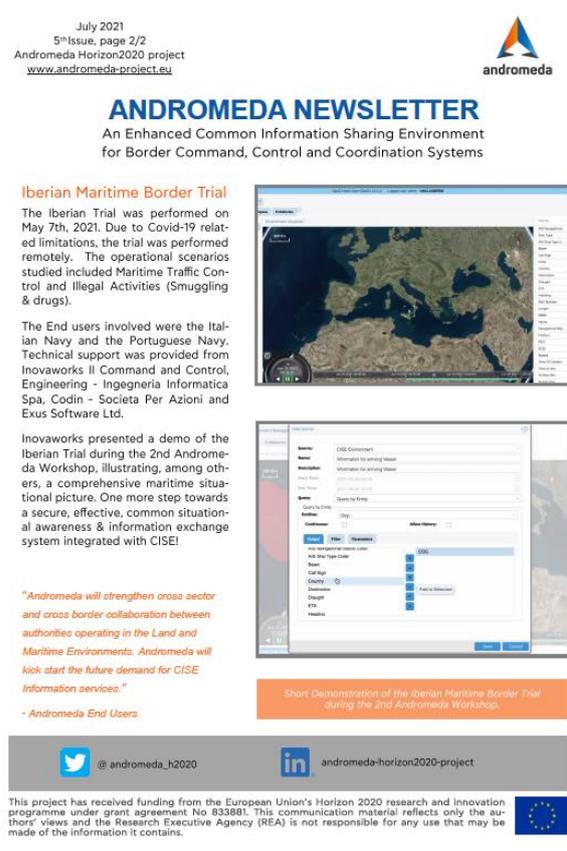


Figure 16: 5<sup>th</sup> Andromeda Newsletter Issue

### 3.4 6<sup>th</sup> Newsletter Issue (July 2021)

The 6<sup>th</sup> Newsletter of the Andromeda project was prepared by Satways and included the following activities:

- Greece-Bulgaria Land Border - Maritime Trial (June 15<sup>th</sup> 2021)
- 2nd Andromeda Online Workshop & Demonstration Event (June 23rd-24th 2021)
- Presentation of Andromeda at DEFEA 2021 in Athens (July 13<sup>th</sup> -15<sup>th</sup>)



Figure 17: 6<sup>th</sup> Andromeda Newsletter Issue

### 3.5 ANDROMEDA Official Presentation (Updated)

The official ANDROMEDA presentation was created by Satways and updated during the second year of project’s implementation for providing more targeted information to stakeholders. It is consisted of 17 slides and the topics included are:

- Motivation;
- Project Ambition;
- Consortium;
- Andromeda Operational Trials;
- Expected Impact.

The updated version of the Official Andromeda presentation is available online at the project’s website in “Download” section, category “Communication Material”, under the title [Andromeda Horizon2020 Presentation](#). It should be stressed that non confidential information has been enclosed and the Andromeda partners have been advised to use only the information in the official presentation during their communication and dissemination activities.



Figure 18: Andromeda Official Presentation (updated)

The Andromeda Official Presentation was displayed during the International Exhibition DEFEA, that took place in Athens, Greece during 13-15<sup>th</sup> of July, and Satways had a booth.

### 3.6 ANDROMEDA Leaflet (Updated)

The Andromeda Leaflet has been updated with the new architecture for the purpose of communicating it at the International Exhibition DEFEA. In particular, the hard copy was distributed to the booth visitors and the digital file has been included in USBs that were given to them by Satways.

### Ambition

Andromeda aims to:

- Unlock the full capabilities of the CISE by **enhancing the Maritime CISE model** and by extending its scope to the **Land Surveillance Information Exchange**
- Provide a Secure, effective **common situational awareness and information exchange system integrated with CISE**
- Strengthen the Cross-sector and Cross-Border **collaboration between authorities operating in the Land and Maritime Environments**
- Demonstrate and validate advanced, CISE compliant Command and Control Systems
- Kick start the **future demand for CISE Information services**

### Consortium

19 Partners from 9 countries will collaborate in Andromeda Project from Sept 2019 to Feb 2021



**Practitioners**



**andromeda**

**An Enhanced Common Information Sharing Environment for Border Command, Control and Coordination Systems**



[www.andromeda-project.eu](http://www.andromeda-project.eu)

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 andromeda-horizon2020-project



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 833881

### Motivation

**Border surveillance is a complex mission** given the length of European borders and the variety of terrain configuration.

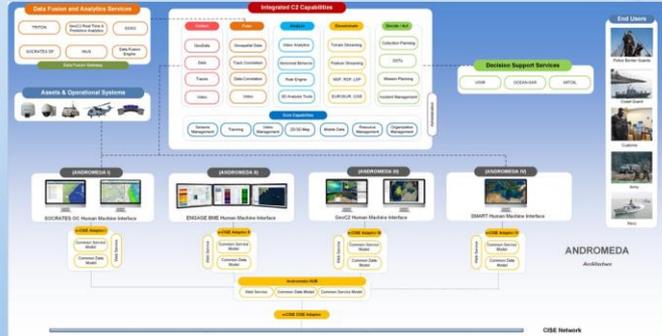
There are **several threats that prevail in the Maritime and Land borders.**

Several **efforts** have been made in the past & current years to increase the efficiency of surveillance activities via the collection & exchange of land and maritime surveillance information between control authorities. The most important efforts were initially EUROSUR and later on CISE (Common Information Sharing Environment).

The **proposed Andromeda solution** is a distributed set of systems and services interconnected according to the extended CISE principles, that aim to foster:

- faster detection of new events
- better informed decision making
- achievement of a joint understanding & undertaking of a situation across borders

### Andromeda Systems Overview



### Impact

- The enhanced CISE Model will streamline the integration with current and future operational systems and is perfectly aligned with the overall European policy that **facilitates the inter-agency interoperability and cooperation** and allows each Member State to decide how, when and whether additional data sources are of relevance to its operations.
- National and European authorities, law enforcement agencies, intelligence agencies, security providers, are all **examples of end users that will benefit from the ANDROMEDA research.** ANDROMEDA also impacts positively on academia, industry, technology providers and companies, through matching requirements and capability gaps of users, and by promoting exploitation and collaboration.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 833881. This communication material reflects only the authors' views and the Research Executive Agency (REA) is not responsible for any use that may be made of the information it contains.



Figure 19: Andromeda Leaflet (Updated)

## 4. Conclusions

The deliverable D7.3 “Final Dissemination Material” (M23) describes all the communication material produced during the second year (*Sept. 2020 – July 2021*) of the project's implementation. Due to the pandemic's impact on all physical communication activities, the ones that took place during the aforementioned period were mostly online. For this reason, the respective material created is in digital format, namely the Workshops Material (*i.e. Agenda, Leaflet, Registration link, project's website announcement*) and the other ANDROMEDA material (*newsletter issues no.3, issue no.4, issue no.5 and issue no 6. The updated Official Presentation of the project*) was shown at the DEFEA2021 where Satways Ltd had a booth, and hardcopies of the updated leaflet were given to the visitors. Additionally, Satways gave to the booth visitors USB disks that included, among others, the Andromeda official presentation and the project leaflet. Figures and screenshots have been incorporated among the chapters of this deliverable for the visual representation of the presented materials.

## 5. Annex: Quality Review Report

The ANDROMEDA Consortium uses the Quality Review Report process for its internal quality assurance for deliverables to assure consistency and high standard for documented project results.

The Quality Review Report is used individually by selected peer reviewers. The allocated time for the review is 7 calendar days. The author of the document has the final responsibility to reply on the comments and suggestions of the peer reviewers and decide what changes are needed to the document and what actions are to be undertaken.

### 5.1 Reviewers

Project Coordinator	Athina Foka (MMAIP)
Management Support Team Member	Alkis Astyakopoulos (KEMEA)
Internal Peer Reviewer	Dr. Souzanna Sofou (STWS), LtCdr. Iordanis Naziris (MMAIP)

### 5.2 Overall Peer Review Result

The Deliverable is:

- Fully accepted
- Accepted with minor corrections, as suggested by the reviewers
- Rejected unless major corrections are applied, as suggested by the reviewers

### 5.3 Consolidated Comments of Quality Reviewers

General Comments	
<b>Deliverable contents thoroughness</b>	Reviewers' comment: The communication material developed is thoroughly described. Please add a reference to D7.2 either summarized results -what was achieved, or simply a plain reference as to tie the two deliverables to T7.1 Author's reply: -
<b>Innovation level</b>	Reviewers' comment: Not applicable Author's reply: -
<b>Correspondence to project and programme objectives</b>	Reviewers' comment: The scope of WP7 is to communicate the project objectives and disseminate the results to a wide group of stakeholders. The communication material developed serves this purpose. Author's reply: -
Specific Comments	
<b>Relevance with the objectives of the deliverable</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Not applicable Reviewers' comment:

	Author's reply:	
<b>Completeness of the document according to the its objectives</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Not applicable	Reviewers' comment: Author's reply:
<b>Methodological framework soundness</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input checked="" type="checkbox"/> Not applicable	Reviewers' comment: Author's reply:
<b>Quality of the results achieved</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Not applicable	Reviewers' comment: Author's reply:
<b>Structure of the deliverable with clear objectives, methodology, implementation, results and conclusions</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input checked="" type="checkbox"/> Not applicable	Reviewers' comment: Author's reply:
<b>Clarity and quality of presentation, language and format</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially <input checked="" type="checkbox"/> Not applicable	Reviewers' comment: Author's reply:
<b>Detailed Comments (please add rows as appropriate)</b>		
<b>No.</b>	<b>Reference</b>	<b>Remark</b>
1	Figure 18	Please add all slides of the official presentation
2	Various sections	Replace some blurred screenshots
3		
4		
5		