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

<u>Agenda</u>
ANDROMEDA 1st Workshop
Online Event

28-29 September 2020 (times in CEST)

<u>GoToWebinar Registration Link</u>
https://tinyurl.com/yy6tupc9

Day 1 – 28 September 2020

Time	Topic
Opening Session	
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*	**Brief Introduction to ANDROMEDA Online Workshop** *Mr. Alkis Astyakopoulos, KEMEA*
10:15 – 12:15 **Technical Session – Present the ANDROMEDA Results achieved so far** *Moderators: Mr. Alkis Astyakopoulos, KEMEA; Dr. Antonis Kostaridis, STWS; Mr. David Merino, GMV*	
10:15 – 10:20 *Duration: 5 min*	**Introduction to the Session and Speakers** *Mr. Alkis Astyakopoulos, KEMEA*
10:20 – 10:40 *Duration: 15 min* *Q/A: 5 min*	**Invited speaker** **CISE Data model for Maritime Surveillance** *Mr. David Berger, JRC*
10:40 - 11:00 *Duration: 15 min* *Q/A: 5 min*	**Project speaker** **The ANDROMEDA high-level architecture and system components** *Mr. Fernando Labarga, GMV*
11:00 – 11:20 *Duration: 15 min* *Q/A: 5 min*	**Project speaker** **The extended CISE Data Model (e-CISE) of ANDROMEDA** *Dr. Antonis Kostaridis, SATWAYS*
11:20 – 11:40 *Duration: 15 min* *Q/A: 5 min*	**Project speaker** **The ANDROMEDA Command, Control & Coordination CISE-compatible systems** *Mr. Hugo Pinto, INOVAWORKS*
11:40 – 12:00 *Duration: 15 min* *Q/A: 5 min*	**Project speaker** **Advanced Data Fusion and Decision Support Services** *Mr. Vasilis Papadopoulos, EXUS*
12:00 – 12:15 *Duration: 15 min*	**Round-table discussion** • Challenges and expectations from CISE extension and applicability to the Land domain

Time	Topic
	• Impact of the full compliance of ANDROMEDA's C2s and data fusion & decision support services with CISE
Lunch break **(1 Hour)**	
13:15 – 16:00 **Stakeholders Session – Sharing Experiences on Maritime Border Surveillance** *Moderators: Mr. Alkis Astyakopoulos, KEMEA; Dr. Antonis Kostaridis, STWS; Mr. David Merino, GMV*	
13:15 – 13:20 *Duration: 5 min*	**Introduction to the Session and Speakers** *Dr. Antonis Kostaridis, STWS*
13:20 – 13:40 *Duration: 15 min* *Q/A: 5 min*	**Invited speaker** **CISE Transitional Phase - state of play** *Mr. Gianluca Luraschi, EMSA*
13:40 – 14:00 *Duration: 15 min* *Q/A: 5 min*	**Project speaker** **Italian Navy in ANDROMEDA and expectations** *Cdr. Luca Bertocchi, Italian Navy General Staff*
14:00 – 14:20 *Duration: 15 min* *Q/A: 5 min*	**Invited speaker** **French Coast guard Function and maritime surveillance** *Mr. Alexis Blum, Chargé de mission «projets européens», Secrétariat général de la Mer*
14:20 – 14:40 *Duration: 15 min* *Q/A: 5 min*	**Project speaker** **Maritime Surveillance – Sharing HCG Experience** *Cdr. (HCG) Georgios Christianos, Head of IMSB (Integrated Maritime Surveillance Bureau) of the Hellenic Coast Guard*
14:40 – 15:00 *Duration: 15 min* *Q/A: 5 min*	**Project speaker** **Sharing Experiences from Portugal on maritime surveillance** *Cdr. (Navy) João Fidalgo Neves, MARINHA Escola Naval*
15:00 – 15:20 *Duration: 15 min* *Q/A: 5 min*	**Project speaker** **Intersectoral cooperation in the maritime domain in Montenegro** *Mr. Žarko Lukšić, Deputy Director at MSD and* *Mr. Lasica Zoran, Head of NCC Podgorica, Montenegro Border Police*
15:20 – 15:35 *Duration: 15 min*	**Round-table discussion** • Limitations in information exchange and maritime border surveillance that end users face

Time	Topic
	• Benefits that the ANDROMEDA system could bring in other regions of Europe • Overall added value of ANDROMEDA system
15:35 – 15:50	**ANDROMEDA Advisory Board feedback** • Feedback and recommendations from the technical, operational, business & exploitational point of view
Closing Session	
15:50 – 16:00 *Duration: 10 min*	**Conclusions and Wrap Up of Day 1** *Mr. David Merino, GMV*

Day 2 – 29 September 2020

Time	Topic
Opening Session	
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 Astyakopoulos, 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: 15 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: 15 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: 15 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: 15 min* *Q/A: 5 min*	**Invited speaker** **Applied Research and Innovation for European Security** *Mr. Lénárd Zsákai, Chief Security Officer of Székely Family&Co and Senior Police Executive at the MoI of Hungary*
11:40 – 12:00 *Duration: 15 min* *Q/A: 5 min*	**Invited speaker** **Experiences on the Land Border Surveillance** *Mr. Risto Shpritov, Head of Support Unit in the Department for Border Affairs and Migration, Ministry of Interior of North Macedonia*
12:00 – 12:20	**Project speaker**

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** • Limitations in information exchange and land border surveillance that end users face • Benefits that the ANDROMEDA system could bring in other regions of Europe • Overall added value of ANDROMEDA system
Lunch break **(1 Hour)**	
13:35 – 16:45 **Research results & lessons learnt from EU funded projects on Maritime and Land Border Surveillance** *Moderators: Mr. Alkis Astyakopoulos, 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: 15 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 Lusignoli, Leonardo*
14:00 – 14:20 *Duration: 15 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: 15 min* *Q/A: 5 min*	**MARISA – Maritime Integrated Surveillance Awareness: "MARISA results and way forward"** *Mr. Agostino Longo, Leonardo*
14:40 – 15:00 *Duration: 15 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: 15 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: 15 min* *Q/A: 5 min*	**CAMELOT – C2 Advanced Multi-domain Environment and Live Observation Technologies** *Mr. Juan Gomez, Universitat Politècnica de València (UPV)*

Time	Topic
15:40 – 16:00 *Duration: 15 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: 15 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** - Common research challenges and standardization needs - Room for further research - Common communication efforts and activities
Closing Session	
16:35 – 16:45 *Duration: 10 min*	**Conclusions and Wrap up of Day 2** *Mr. David Merino, GMV*