



EUCISE 2020

Expected Benefits from CISE User Communities

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EUCISE 2020 – WP 6.5 INTEGRATION LEADER



Maritime Situational Awareness



The Italian Navy requirement in the MSA is to:

- Increase Situational Awareness*
- Improve the reacting capability in surveying the external borders of italian coastline*
- Support military ships at sea*



CISE PRIMARY MISSION



support the
EU Maritime Situational Awareness
by means of an
Information Sharing Environment

MSA is the enabling capability in the maritime environment to achieve a common understanding of the Maritime Situation in order to increase effectiveness in the planning and conduct operations.





BENEFITS IN USING CISE NETWORKING



FLEXIBILITY:

**POTENTIALLY NO LIMITATIONS MSA SURVEILLANCE DATA
EXCHANGE**

CHALLENGE 1: EXCHANGE AND INTEGRATION

A common and comprehensive effort to merge information coming from all available sources.

This effort has to be found by the interoperability among different national and European systems and adopting cross-sectorial methodologies under an interagency/ intergovernmental approach

CHALLENGE 2: LEGAL FRAMEWORK

Harmonize all activities in a legal framework related to the information sharing.



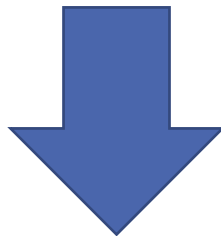
MSA - KEY POINTS



Effective understanding in order to:

- facilitate timely, accurate, decision making
- take appropriate action

Situational Awareness consists of what is observable and known



- CISE has to increase information data flow
- each LEGACY SYSTEM has to fuse data and give reports and alerts dedicated to users requirements and responsibilities



FP7–HORIZON 2020-PADR Projects



Italian Navy is a partner in various research and development projects focused on MSA issues.

Most of them will use CISE network to gather information exchange:

- RANGER
- MARISA
- ANDROMEDA
- OCEAN 2020
- most of EDA PADR projects





CISE IN SUPPORT MSA: WAY AHEAD



What is to be pursued :

support the next phase (2019-2020 TRANSITION PHASE) lead by the European Commission and EMSA

- Interconnect even more Member States and European Agencies
- Technically consolidate the network
- Increase data of vessels in a push mode (no dedicated requests)
- Find an agreement on a “Responsibility to share” basis
- Find a secure technical solution to protect information (especially sensitive and classified information)
- Forward automatically maritime open sources data
- Consolidate agreements with data providers (especially from satellites sensors)
- Create operational and technical communities