The EUCISE2020 project

(EUropean test bed for the maritime Common Information Sharing Environment in the 2020 perspective)

P. Sacco, 16/01/2018

EUCISE2020 received funding from the European Union’s seventh framework programme under grant agreement no: 608385
Cross-Sectoral interoperability for better “Maritime Governance”

EUCISE2020 received funding from the European Union’s seventh framework programme under grant agreement no: 608385
EUCISE is the prototype aimed at the **operative validation of CISE (Pre-Operational Validation)**.

It is not a new legacy system, but a **service platform** able to ensure the interoperability among the legacy systems of **different nations and different sectors** of MSA based on agreed roles and rules.

EUCISE2020 will allow information exchange till the **EU RESTRAINT** level

The project aims at:

- Improving the harmonisation of **intersectorial maritime awareness**
- Ensuring the Member States / Nations the direct control in the management of the information shared through the **CISE intersectorial node/ national nodes**
- ASI: project coordinator
- 38 partners
- 15 EU/EEA maritime Countries
- Open to new partners and to collaborations with EU Agencies

More than 40 maritime administrations

EUCISE2020 received funding from the European Union’s seventh framework programme under grant agreement no: 608385
Phase 1 - Initial Definition Phase (CSA)
Phase 2 - Preparatory and Execution Phase (CP/RTD)
Phase 3 - Ex-Post Assessment (CSA)

Starting date: December, 1°, 2014
Total duration: 45 months
The **EUCISE2020** network is composed by:

- **Gateway A**: node of the network which presents the basic services (core, common & collaborative) on behalf of a single legacy system.

- **Gateway B**: node of the network which presents the basic services (core, common & collaborative) on behalf of more national legacy systems.

- **Node C**: node of the network which presents the basic services (core & common) and the advanced ones (light client, data fusion) on behalf of more national legacy systems.

- **Adaptor**: translator of legacy system’ data and service model into EUCISE2020 data and service model

- **Legacy System**: national system belonging to at least one of the 7 application domains of MSA (Defence, General Law Enforcement, Marine Environment, Customs, Fisheries Control, Border Control, Maritime Safety and Security)

---

EUCISE2020 received funding from the European Union’s seventh framework programme under grant agreement no: 608385
EUCISE2020 ITALY
UNCLASS
CONFIGURATION

EUCISE2020 received funding from the European Union’s seventh framework programme under grant agreement no: 608385
EUCISE 2020 received funding from the European Union’s seventh framework programme under grant agreement no: 608385
EUCISE 2020 received funding from the European Union’s seventh framework programme under grant agreement no: 608385
EUCISE2020 received funding from the European Union’s seventh framework programme under grant agreement no: 608385
EUCISE 2020 received funding from the European Union’s seventh framework programme under grant agreement no: 608385
EUCISE2020 received funding from the European Union’s seventh framework programme under grant agreement no: 608385
EUCISE 2020 received funding from the European Union’s seventh framework programme under grant agreement no: 608385
EUCISE 2020 received funding from the European Union’s seventh framework programme under grant agreement no: 608385
EU CISE 2020 received funding from the European Union’s seventh framework programme under grant agreement no: 608385
EUCISE2020 received funding from the European Union’s seventh framework programme under grant agreement no: 608385
EUCISE 2020 received funding from the European Union’s seventh framework programme under grant agreement no: 608385
EUCISE2020 received funding from the European Union’s seventh framework programme under grant agreement no: 608385
EUCISE 2020 received funding from the European Union’s seventh framework programme under grant agreement no: 608385
EUCISE 2020 received funding from the European Union’s seventh framework programme under grant agreement no: 608385
CLOSEYE project

Experimental campaign

23/05/16 – 30/06/16

Miles observed
21600 nmi²

RADAR images acquired at least 3/day

87 CSK StripMap
19 CSK Spotlight

Spatial resolution
1m-3m

Reports produced
104
Target detection

- AIS vessels: 10
- Non AIS vessels: 1163
- Oil spill: 14

Vessel Classification

- A (>100m): 14%
- B (50m - 100m): 17%
- C (20m – 50m): 29%
- D (<20m): 40%
✓ Such space assets provide involved authorities and end-users with an enhanced situational awareness
✓ End-users confirmed this kind of data to be unique and the related information non available through other sensors
✓ Similar and even better results are expected in the EUCISE2020 project
✓ EUCISE2020 has also the potential to create important market opportunities worldwide for the European industry
THANKS FOR ATTENTION

patrizia.sacco@asi.it