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Integrated Maritime Surveillance

“Integrated Maritime Surveillance is about providing authorities interested or active in maritime surveillance with ways to exchange information and data. Sharing data will make surveillance cheaper and more effective.

*Currently, EU and national authorities responsible for different aspects of surveillance – e.g. **border control, safety and security, fisheries control, customs, environment or defense** – collect data separately and often do not share them. As a result, the same data may be collected more than once.”*

How does it work in practice?

A Common Information Sharing Environment (CISE) is being developed jointly by the European Commission and EU/EEA Member States. It will integrate existing surveillance systems and networks and give all concerned authorities access to the information they need for their missions at sea.

CISE will make different systems interoperable so that data and other information can be exchanged easily through the use of modern technologies.

Source . DGMARE Webpage





CISE Overview

CISE: Common Information Sharing Environment

- Supports the development of the European Union Blue Economy;
- Is a key innovation of the Europe maritime governance;
- Is an element of the European Digital Agenda;



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CISE for the Blue Economy



- **Blue Growth** is the long term strategy to support **Sustainable Growth** in the marine and maritime sectors as a whole.
- **Seas and Oceans** are drivers for the European economy and have great potential for innovation and growth.
- It is the maritime contribution to achieving the goals of the Europe 2020 strategy for smart, sustainable and inclusive growth.



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CISE is a pillar of the European Action Plan for the European Maritime Security and is also a pillar of the Bleu Growth and consequently of the Bleu Economy.

Develop sectors that have a high potential for sustainable jobs and growth, such as:

- **Aquaculture (Fisheries)**
- **Coastal tourism**
- **Marine biotechnology**
- **Ocean energy**
- **Seabed mining**





CISE for the Blue Economy Ocean Monitoring and Surveillance the components of a Blue Economy in a CISE Perspective



- Ocean monitoring and surveillance play an important role to the Blue Growth and include a wide variety of activities with different legal frameworks.
- It includes activities related to human and environmental safety, search and rescue, weather forecasting, disaster response, and early detection of response to harmful threats such as oil spills, pollution and for example invasive alien species. This activities also includes aspects of marine scientific research and innovation.



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CISE for the Blue Economy

It can also encompasses monitoring, surveillance, and enforcement of illegal activities, including illegal fishing; trans-shipment of narcotics smuggling.

Ocean monitoring and surveillance benefits are not only by dissuading the illegal use of resources, but also by providing skilled jobs and building human capacity to achieve an effective and sustainable Blue Growth.





CISE for the Blue Economy

In conclusion:

- **Blue Economy is the Socio-economic development related with all Ocean activities through innovative investments, by increasing activities and sustainable practices including maritime security.**
- **Blue Economy means a sustainable use of marine resources and the preservation of the marine environment in order to achieve economic development.**
- **CISE is a pillar of the Blue Growth and also the DNA of the Blue Economy.**

Why?

Because without maritime security, there is no maritime economic development.



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CISE Added Value:

- Effectiveness
- Coordination
- Cost efficiency
- Safer, more secure & cleaner seas
- EU digital society
- Interoperability
- Sustainable growth - Blue Growth and Blue Economy
- Knowledge based on Integrated Maritime Policy

We depend on
Safe, Secure and Clean seas
around Europe

Maritime
CISE

More awareness, better decisions and faster responses, at a lesser cost.





- The result of the project is a **validated technical and operational** reference framework
- **Enhanced maritime awareness** will help ensuring more secure, safer and cleaner seas
- Clear evidence of the **cost/effectiveness** of the approach will be provided
- The consolidation of requirements and joint procurement will lead to future **reduced procurement and maintenance costs**
- Participants will **verify and optimize their technological choices**
- The results will create **important market opportunities** worldwide for the European industry





National Projects Outcomes



National Projects OUTCOMES contributes to the achievement of a sustainable Blue Growth:

- Fisheries control
- Nautical leisure boats
- Improved early detection of anomalies
- Enhanced search and rescue
- Pollution
- Marine environment and fisheries
- Info available to support police investigations
- Coastal and maritime risk info enhanced



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THANK YOU!
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<https://youtu.be/0XM5taTFEko>

