



HELLENIC REPUBLIC
Ministry of Shipping, Maritime
Affairs & the Aegean
Hellenic Coast Guard



**1ST NATIONAL “SECURE SOCIETIES”
STAKEHOLDERS WORKSHOP
JANUARY 28, 2014**

**HORIZON 2020 FOR THE
HELLENIC COAST GUARD**

RESEARCH INTERESTS AS END USER



THE HELLENIC COAST GUARD

- ✦ The Hellenic Coast Guard (HCG) is a military structured law enforcement public authority that operates under the Ministry of Shipping, Maritime Affairs and the Aegean.
- ✦ The HCG has a crucial role as the competent administration and the policymaker in the field of maritime industry and shipping.
- ✦ It represents Greece in International Organizations and the European Commission for issues related to all the above mentioned roles.
- ✦ Therefore, the HCG with its large area of activities today incarnates an essential social role in everyday life of Greek citizens and people protecting their security, safety and interests.



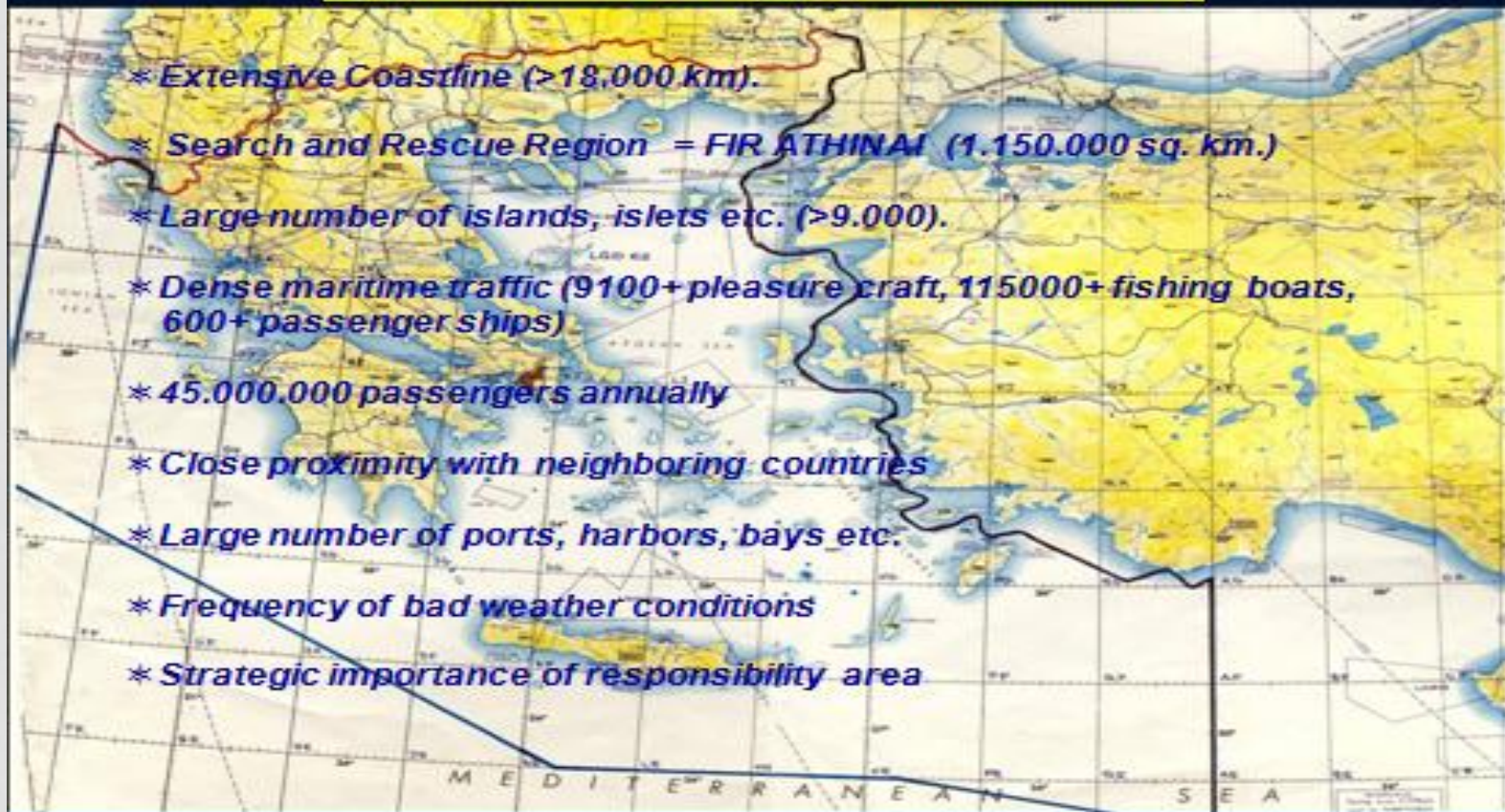
21TH CENTURY CHALLENGES

- ✦ **Public order and state security**
- ✦ **Sea Border Protection and Management of migratory flows**
- ✦ **Organized crime**
- ✦ **International terrorism**
- ✦ **Maritime/Port safety-security**
- ✦ **Piracy and armed robbery**
- ✦ **Search and Rescue**
- ✦ **Marine pollution**
- ✦ **Fisheries control**
- ✦ **Promote Fundamental Rights**
- ✦ **Professionalism in every HCG activity**



HCG OPERATIONAL ENVIRONMENT

H.C.G. AREA OF RESPONSIBILITY



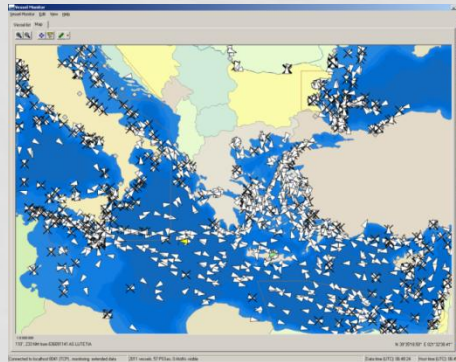
MARITIME SURVEILLANCE FOR THE HCG

- Maritime Surveillance and Awareness in its vast area of jurisdiction along with its multimodal role represents a critical aspect for the effective and efficient accomplishment of its mission.
- The HCG plans, develops, deploys and operates Systems and IT infrastructure for the effective maritime surveillance in order to fulfill its mission.
- The basic elements of this infrastructure are:
 - The coastal AIS base stations (maritime safety/security)
 - The LRIT System (maritime safety/security)
 - The Vessel Traffic Services/ Vessel Traffic Management and Information System (VTS/VTMIS) (maritime safety)
 - The SafeSeaNet System (maritime safety)
 - The CleanSeaNet System (marine pollution control)
 - The VMS System (fisheries control)
 - EUROSUR node and the operational National Border Monitoring and Control Coordination Center (NBMCCC)



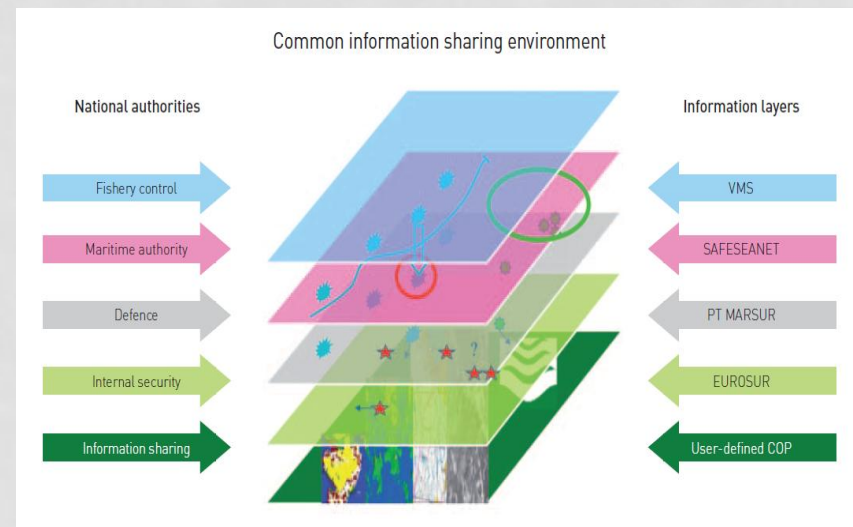
MARITIME SURVEILLANCE FOR THE HCG

- Furthermore, the HCG participates in various initiatives and EU projects aiming towards the improvement of maritime surveillance capabilities, situational awareness and response capacity.
- In addition, the HCG is planning to develop and deploy a National Integrated Maritime Surveillance System that is expected to be funded by the EU via the Internal Security Fund (ex EBF) in order to accomplish its mission related to the sea borders protection and maritime surveillance.



COMMON INFORMATION SHARING ENVIRONMENT (CISE)

- The development of Common Information Sharing Environment (CISE) constitutes a structural element of the Integrated Maritime Policy of the EU.
- Its basic principles are the cross-sectoral and inter-agency approaches towards the cooperation and maritime information exchange.
- **Link with RESEARCH project**
- ***Greece participates in the POV – CISE project.***
- ***The project will be financed by FP7.***
- ***The project will result to the pilot implementation of the CISE for each member state participating in the project.***
- ***The outcome and the project results are expected to have a significant impact on the CISE further development.***



PILOT AND RESEARCH PROJECTS IN THE DOMAIN OF SECURITY

- The Hellenic Coast Guard is involved in various research activities and projects related to the domain of Security and especially in the area of Maritime Surveillance.

- Indicatively, the main projects that HCG participates/ed:

- *BLUE MASSMED: The project reached its end by 2011*



- *PERSEUS: The project is still in progress*



- *IMDATE: The project is still in progress*



- The HCG was also invited and participated in various activities of pilot projects of other research bodies and other Coast Guards like FP-7 DARIUS, FP7 - CONOPS FOR FRONTEX, SEAHORSE PROJECT.



PILOT AND RESEARCH PROJECTS IN THE DOMAIN OF SECURITY

- **BLUE MASSMED:**

BLUEMASSMED is pilot project initiated by the European Commission. 37 administrations from six member states (France, Italy, Spain, Greece, Malta and Portugal) cooperated in improving surveillance and exchange information in the areas of maritime safety, border control, preventing marine pollution and fighting drug traffickers, terrorism and the smuggling of illicit goods.



- **PERSEUS: Protection of European Seas and borders through the intelligent Use of surveillance**

PERSEUS is a demonstration project where 29 entities from 12 EU/MS participate including high-tech companies, research centers and competent authorities involved with maritime surveillance and security such as armed forces and Coast Guard Corps.



- **IMDATE: Integrated Maritime Data Environment**

IMDATE is an EMSA pilot project for integrating maritime information systems under a common platform concept. The project plans to integrate maritime surveillance and information Systems achieving data fusion



OTHER PROJECTS (ICT)

- **The ANNA project is a consortium of 14 EU countries for the development of Maritime Single Window.**
 - *ANNA is based on the execution a number of pilot actions for the implementation of the 2010/65 Directive.*
 - *ANNA is financed by TEN-T and it will be the largest project for the development of the national single maritime window leading eventually to a European Maritime Single Window.*
- **The IMP DEMOSTRATOR is an EMSA pilot demonstration project for the implementation of the above mentioned directive.**
 - *The IMP project is a promising attempt to fulfill the requirements of the Directive apart from the custom information.*
 - *It will create a simplified national single window environment evolving SSN for Italy, Malta, Bulgaria, Romania, Greece and Norway.*



FIELDS OF INTEREST IN THE HORIZON 2020 WORK PROGRAMME

- BES 1 – 2014: Maritime Border Security topic 1: Radar systems for the surveillance of coastal and pre-frontier areas and in support of search and rescue operations
- BES 2 – 2015: Maritime Border Security topic 2: Low cost and “green” technologies for EU coastal border surveillance
- BES 3 - 2014: Maritime Border Security topic 3: Light optionally piloted vehicles for maritime surveillance.



FIELDS OF INTEREST IN THE HORIZON 2020 WORK PROGRAMME

- The above topics are indicative and focused in the maritime surveillance area.
- FCT 8- 2014: Law enforcement capabilities topic 4: Transnational cooperation among public end-users in security research stakeholders
- Also, possible interests might include areas like:
 - **Crisis Management**
 - **Urban Security**
 - **Law enforcement Capabilities**
 - **Border Crossing checks**
 - **Information & Communication Technologies**



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**THANK YOU VERY MUCH
FOR YOUR ATTENTION**

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