EUSBSR
EU STRATEGY
FOR THE BALTIC
SEA REGION

Maritime Safety and Security

- A Priority Area of the EU Strategy for the Baltic Sea Region

Actions and activities in the Baltic Sea Region to secure
a leading role in maritime safety and security

The Baltic Sea Region
- a leading region in maritime safety and security

The European Union Strategy for the Baltic Sea Region (EUSBSR) was adopted by the European Council in October 2009 and is the first macro-regional strategy in Europe.

The Strategy aims at reinforcing cooperation and actions within the Baltic Sea Region in order to face several challenges by working together as well as promoting a more balanced development in the area. The Strategy also contributes to major EU policies and reinforces the integration within the area. The European Union Strategy for the Baltic Sea Region is divided into several priority areas, among those the Priority Area on Maritime Safety and Security.

The overall goal of this Priority Area is to make the Baltic Sea Region "a leading region in maritime safety and security". This objective is pursued through a political dialogue and through a number of Flagship Projects involving a broad variety of stakeholders from the countries of the region. The Ministry of Transport and Communications of Finland and the Danish Maritime Authority serve as Priority Area Coordinators.

An international Steering Committee consisting of representatives of maritime authorities from the region has been created in order to provide advice and to ensure that activities are anchored all over the region.

The Steering Committee promotes a regional dialogue on maritime safety and security and monitors the ongoing Flagship Projects. The Committee is continuously assessing proposals for new projects, in order to enhance cooperation within the Priority Area and to secure the position of the Baltic Sea Region as a leading region in maritime safety and security both regionally and globally.

This pamphlet aims to briefly present the Priority Area and its ongoing Flagship Projects as well as successfully completed projects.

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Concrete results and recommendations from successfully completed Flagship Projects

"BECOME A PILOT REGION FOR THE INTEGRATION OF MARITIME SURVEILLANCE SYSTEMS"

The Maritime Surveillance North (MARSUNO) project's objective was to support the creation of a Common Information Sharing Environment (CISE) by identifying practical solutions to overcome legal, technical and administrative hurdles to cross-sectoral and cross-border information sharing between maritime authorities. Among the project´s findings:

- Cooperation in a complex user environment requires a high degree of harmonized conditions.
- Establishing an efficient CISE for all authorities acting in the European maritime domain is crucial for enhancing the efficiency and cost effectiveness of maritime surveillance.
- The European Commission plays a crucial role for coordination.
- The results will be used in the process towards establishing an Integrated Maritime Surveillance which, in turn, will be part of a CISE.

Leader of the project: Swedish Coast Guard. Finalised: December 2011.

Final results: www.marsuno.eu

"BALTIC SEA MARITIME FUNCTIONALITIES"

The Baltic Sea Maritime Functionalities – Awareness across boundaries (BSMF) project aimed at developing an information sharing environment for the maritime domain in the coastal countries of the Baltic Sea Region. The key conclusion of the project is that the number of different cooperative sectors should be reduced by creating only three different maritime functionalities – Safety, Security and Law Enforcement as well as Defence.

Among the project´s findings:

- The international nature of maritime transport requires cross-border information sharing. Cooperation between participating countries should be arranged on the same basis and using the same standardized practices as in domestic information sharing.
- Cooperation already exists inside sectors but promoting cross-sectoral cooperation to increase trust and understanding is required.
- Management of maritime surveillance related information requires common national and international definitions. Single points of contact at national level should be used in order to secure inter-state communication.

Leader of the project: Finnish Border Guard. Finalised: December 2011.

Final results: www.cbss.org/bsmf

"BECOME A PILOT REGION FOR E-NAVIGATION"

The Efficient, Safe and Sustainable Traffic at Sea project (EfficienSea) focused in particular on the development of e-Navigation. e-Navigation is a concept that dynamically provides the mariner with the information required to navigate safely and effectively. Data is gathered from a number of sources such as the vessel's own sensors as well as shore-side services, which is processed and presented to the mariner in a single system.

Among the project´s results:

- Developed and tested prototype for the infrastructure required for e-Navigation.
- Developed and tested a number of services for e-Navigation, including dynamic route exchange, meteorological and oceanographic data shown in the electronic chart etc. onboard a test-fleet of different vessels.
- Brought together actors with competence in the field from all over the world and provided input to the process towards a global standard for e-Navigation in the IMO.

Leader of the project: The Danish Maritime Authority. Finalised: January 2012.
Final results: www.efficiensea.org

Ongoing Flagship Projects

"SPEED UP RE-SURVEYING OF MAJOR SHIPPING ROUTES AND PORTS"

The aim of the project is to speed-up hydrographic re-surveys of the Baltic Sea. The overall goal for re-surveying the routes and areas used by shipping is to increase safety of navigation by acquiring reliable high density depth information and thus allow more reliable nautical charts.
Leader of the project: Baltic Marine Environment Protection Commission (HELCOM) and the Baltic Sea Hydrographic Commission.
Expected finalization: Progress reviews in 2013 and 2015.
Further info: www.helcom.fi

"DEVELOPMENT OF SHIPPING ROUTES AND E-NAVIGATION IN THE BALTIC SEA"

The Motorways & Electronic Navigation by Intelligence at Sea (MONALISA) project aims at giving a concrete contribution to the efficient, safe and environmentally friendly maritime transport. This is done through development, demonstration and dissemination of innovative e-Navigational services to the shipping industry, which can lay the groundwork for a future international deployment. Another main activity of the Flagship Project is quality assurance of hydrographic data for the major navigational areas in the Swedish and Finnish waters of the Baltic Sea, which, together with other pilot actions, contributes to improving safety of navigation and optimization of ships´ routes.
Leader of the project: Swedish Maritime Administration.
Expected finalization: 31 December 2013.
Further info: www.monalisaproject.eu

"MINIMISING THE RISK OF TRANSPORTATION OF DANGEROUS GOODS BY SEA"

The Minimising Risk of Maritime Oil Transport (MIMIC) project has a comprehensive, holistic approach to risks related to maritime oil transportation in the Baltic Sea. The MIMIC project integrates the knowledge from earlier projects and new information on the less studied aspects of accidents. The objective is to study and compare the effect of different management actions to avoid accidents, giving insight to the cost-effectiveness of these measures.
Leader of the project: The Kotka Maritime Research Association, Finland.
Expected finalization: December 2013.
Further info: www.merikotka.fi/mimic

"TO LAY THE GROUNDWORK FOR DEVELOPING A PLAN TO REDUCE THE NUMBER OF ACCIDENTS IN FISHERIES"

The increase in commercial and civilian maritime traffic in the Baltic Sea, as well as the development of other commercial activities such as energy supplies can make the maritime sector increasingly vulnerable to accidents. The project aims to develop cooperation and exchange of information on accidents in the fisheries sector between the Baltic Sea states. The project will establish and develop contact with stakeholders as well as representatives from national administrations dealing with maritime safety and working conditions.

Leader of the project: Baltic Sea Regional Advisory Council.

Expected finalization: 2013.

Further info: www.bsrac.org

"TO CREATE A CENTRE FOR KNOWLEDGE AND INNOVATION IN THE FIELD OF MARITIME SAFETY AND SECURITY"

The Baltic Maritime Science Park (BMSP) is an arena for innovations and knowledge development within maritime safety, security and marine environment. BMSP creates dynamic meeting places and aims at stimulating development, innovations and enterprises. The cluster gathers public bodies, academia and the business sector. The aim is to stimulate new ideas, innovations, research, products and entrepreneurship – and in the end regional economic growth. Maritime safety, security and marine environment are wide topics – therefore 5 areas have been pre-selected: Oil Spill Response; Maritime Domain Awareness; Safe and Resilient Ports; Maritime Science and Marine Spatial Planning.

Leader of the project: Region Blekinge.

Expected finalization: December 2014.

Further info: www.bmsp.se

"TO ENSURE SAFE AND EFFICIENT WINTER NAVIGATION IN THE BALTIC SEA"

The project aims at improving efficiency, safety and environmental performance of winter navigation in the Baltic Sea. Actions are required to meet the challenges of today and in the future by ensuring appropriate icebreaking resources for the Baltic Sea Region and cooperative actions to improve the functionality of the winter navigation system.

Leader of the project: Swedish Maritime Administration.

Expected finalization: December 2014.

"FORMAL RISK ASSESSMENT FOR LIQUEFIED NATURAL GAS (LNG) CARRIERS IN THE BALTIC SEA AREA"

The purpose of conducting a risk assessment is to determine any preventive measures and regulations related to security and safety. The aim is to perform an analysis in order to understand the risks associated with the use of LNG tankers in the Baltic Sea involving interested parties from both governments and industry.

Leader of the project: The Polish Ministry of Transport, Construction and Maritime Economy and the Maritime University of Szczecin.

Expected finalization: To be determined. Further info: www.lngproject.gd.pl

"CREATE A NETWORK OF CENTRES OF EXCELLENCE FOR MARITIME TRAINING"

The aim of the project is to deliver best practice of European maritime training institutions to provide young people attractive prospects for a long life career in maritime enterprises / professions and facilitate mobility between sea and land based jobs, as well as upgrading competences to adapt requirements to today's shipping industry.

Leader of the project: The Polish Ministry of Transport, Construction and Maritime Economy and the Maritime University of Szczecin.

Expected finalization 2014. Further info: www.c4mt.eu

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For further information about the EU Strategy for the Baltic Sea Region
www.balticsea-region-strategy.eu

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