

EUROPEAN MARITIME SAFETY AGENCY

TRACECA II project: Workshop on Traffic
monitoring

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- Purpose and objectives of EMSA
- Tasks and activities of EMSA
- Assistance to the European Neighbourhood countries – the TRACECA Maritime Safety and Security II complementary project



History and legal basis:



- 12 December 1999 off the coast of Brittany

Erika sinks

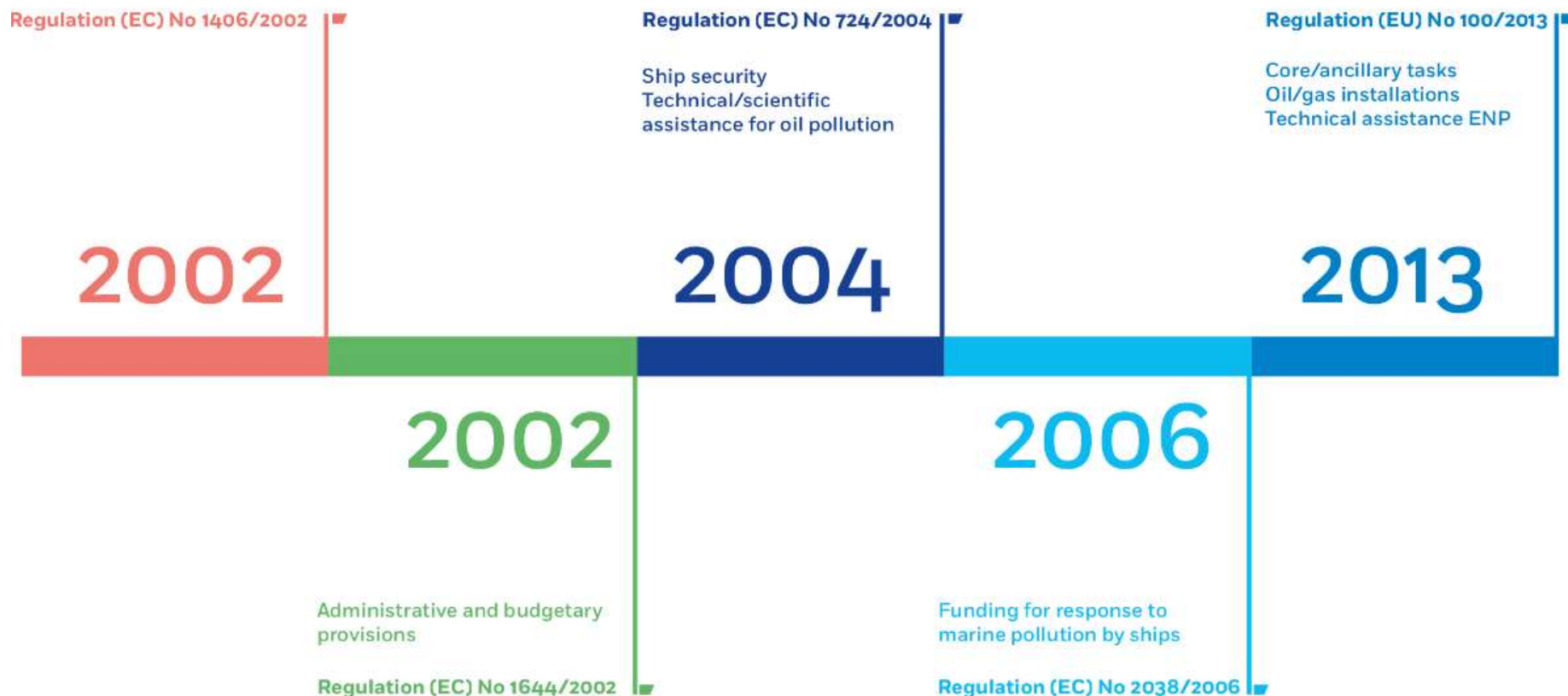
Decision to reinforce the EU maritime legislation

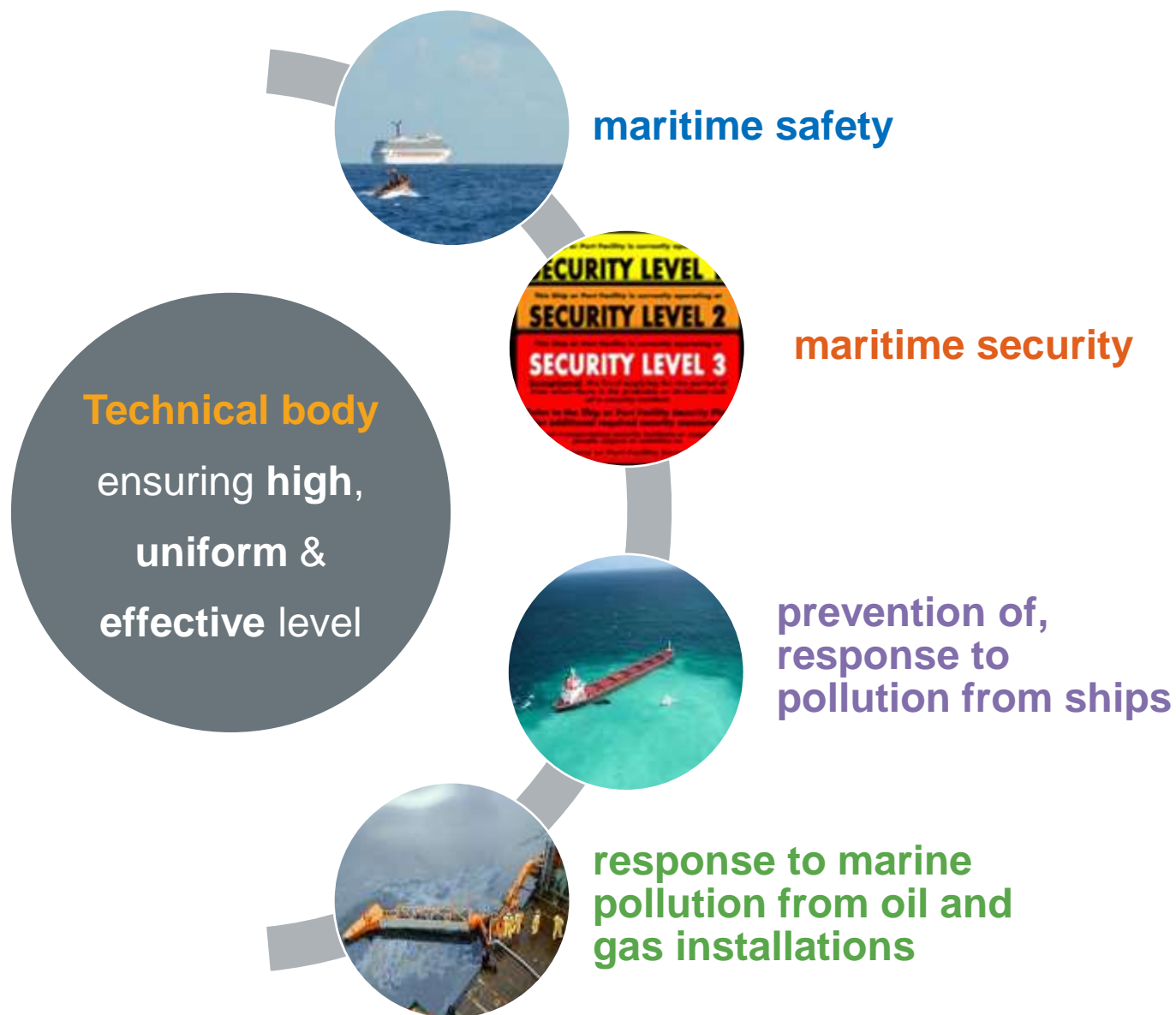
- Erika I safety package
- Erika II safety package

- EMSA established

Reg EC 1406/2002

Amendments to the founding regulation





Target groups:

- the EU Member States
- the European Commission
- ENP countries upon request by EC

Scope of the assistance:

- technical assistance
- scientific assistance
- high level expertise

Purpose of the assistance:

- to ensure proper application of Community legislation in the field of maritime safety and prevention of pollution by ships
- to monitor its implementation and to evaluate the effectiveness of the measures in place.

Core tasks

Ancillary tasks



Assistance to the Commission

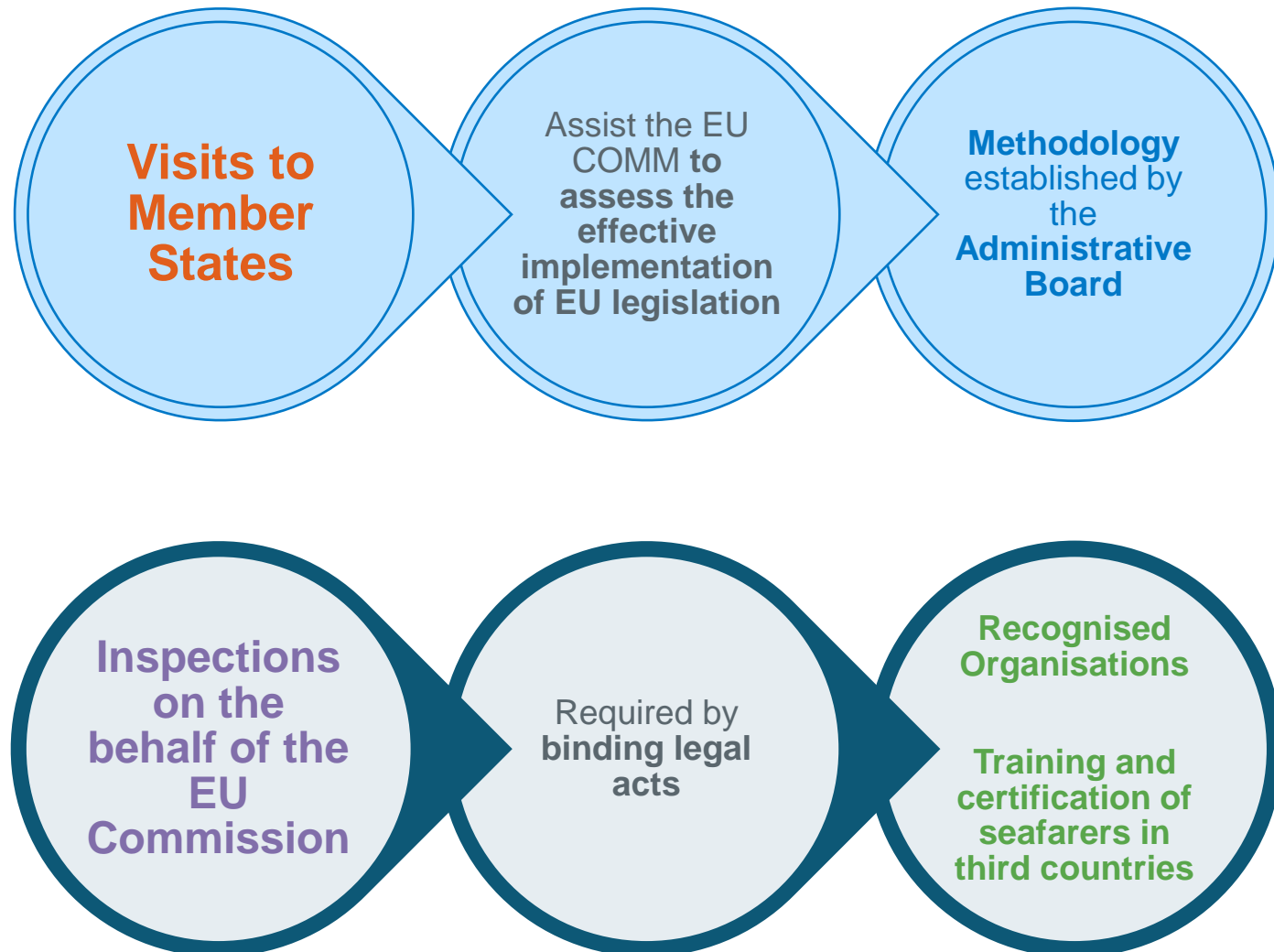
- Preparatory work for updating & developing EU **legislation**
- Effective implementation of EU legislation – **inspections and visits**
- **Analysis** of on-going & completed research projects
- Performance of any other task assigned to the Commission by EU law
- **Upon request of the Commission:**
 - Provide **technical assistance** to states, applying for accession, **ENPC**; Paris MoU members
 - Provide assistance in case of **pollution** to third countries

Work with Member States

- Organise **training** activities
- Develop technical solutions, provision of **operational services** and technical assistance
- Provision of **information** on the inspections
- Support with additional means the **pollution response actions** of affected MS(s)

Facilitate cooperation between MSs and the Commission

- Develop & operate EU LRIT; LRIT IDE; SafeSeaNet; CleanSeaNet
- Investigation of marine casualties & incidents
- Providing statistics, information and data
- Gathering & analysing data on seafarers
- Improving identification and pursuit of ships involved in illegal discharges
- In the work of IMO; ILO; Paris MoU
- Supporting & development of single window (facilitate compliance with ship reporting formalities)



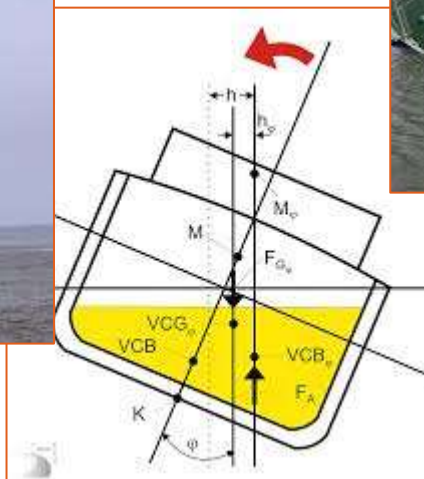
Accident Investigation

- Permanent Cooperative Framework secretariat
- EMCIP - European Marine Casualty Information Platform
- Analysis of casualty reports
- Training of marine casualty investigators



Ship safety and marine equipment

- Support COM and MSs in IMO work
- RO-RO Pax damage stability
- Support COM on Marine Equipment Directive issues
- MARED Database



Port State Control

Second line of defence

Effective only if exercised in cooperation between groups of countries

Exchange of information and harmonisation of inspections within a region are key tools to the success

Role of EMSA

- Provides COM with technical assistance
- Developed and manages THETIS
- Developed and manages Rule-check
- Developed and manages Distant learning Package (DLP)
- Implements the mandatory training schemes for inspectors

Marine Environment

- Assist COM in marine environmental issues
 - Implementation of Port Reception facilities Directive
 - Implementation of Sulphur Directive
 - Implementation of Ship Recycling Regulation
 - Ballast water management related work
 - GHG and MRV related work
 - Technical secretariat to ESSF



Training and Cooperation

Provision of technical assistance in the form of:

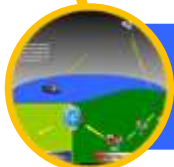
- Workshops
- Sharing best practices
- Seminars
- In-the-country trainings
- Bilateral assistance

Provided to

- EU Members States and EEA countries (30)
- Candidates and potential candidates countries to EU (6)
- European Neighbouring countries (17):
 - Mediterranean region (10)
 - Black and Caspian Seas (7)



SafeSeaNet



EU LRIT DC & LRIT IDE



CleanSeaNet



THETIS



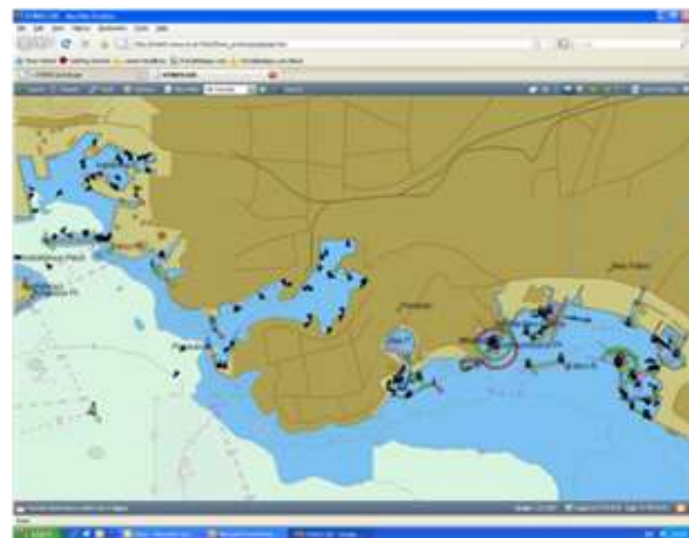
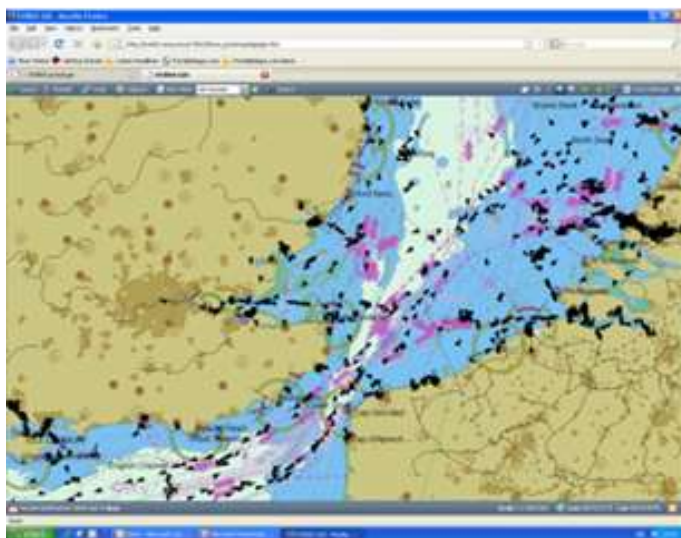
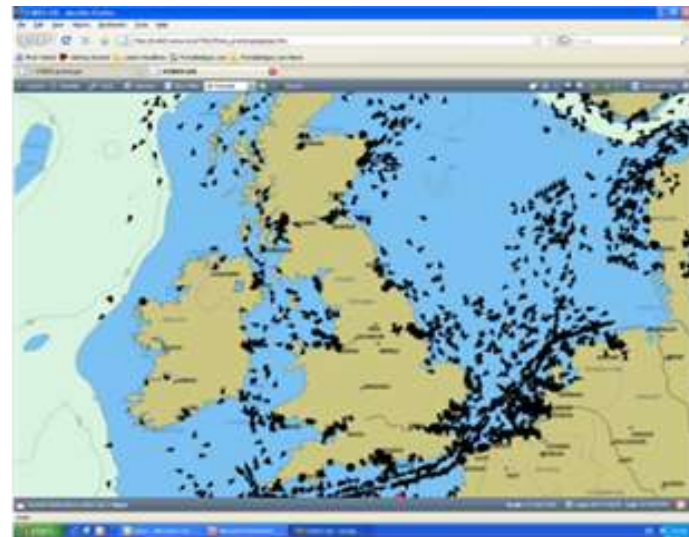
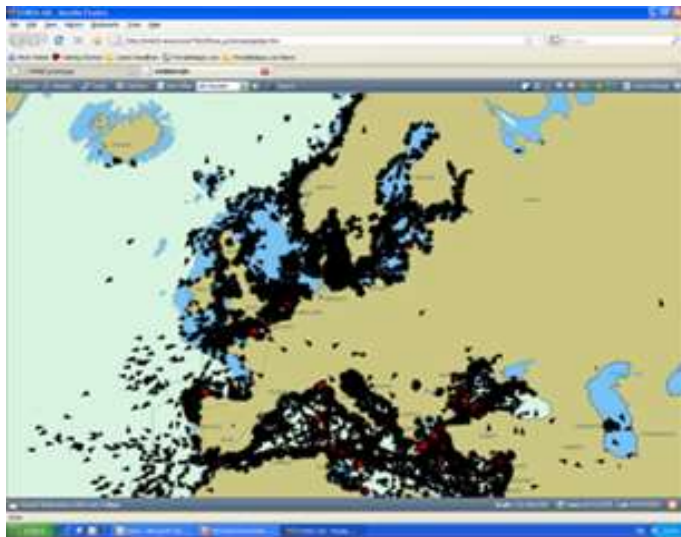
Maritime support services

Functions:

- oversee availability & performance of the operational tools;
- ensure that data flow is not interrupted
- verify the quality of data provided



SafeSeaNet



SafeSeaNet

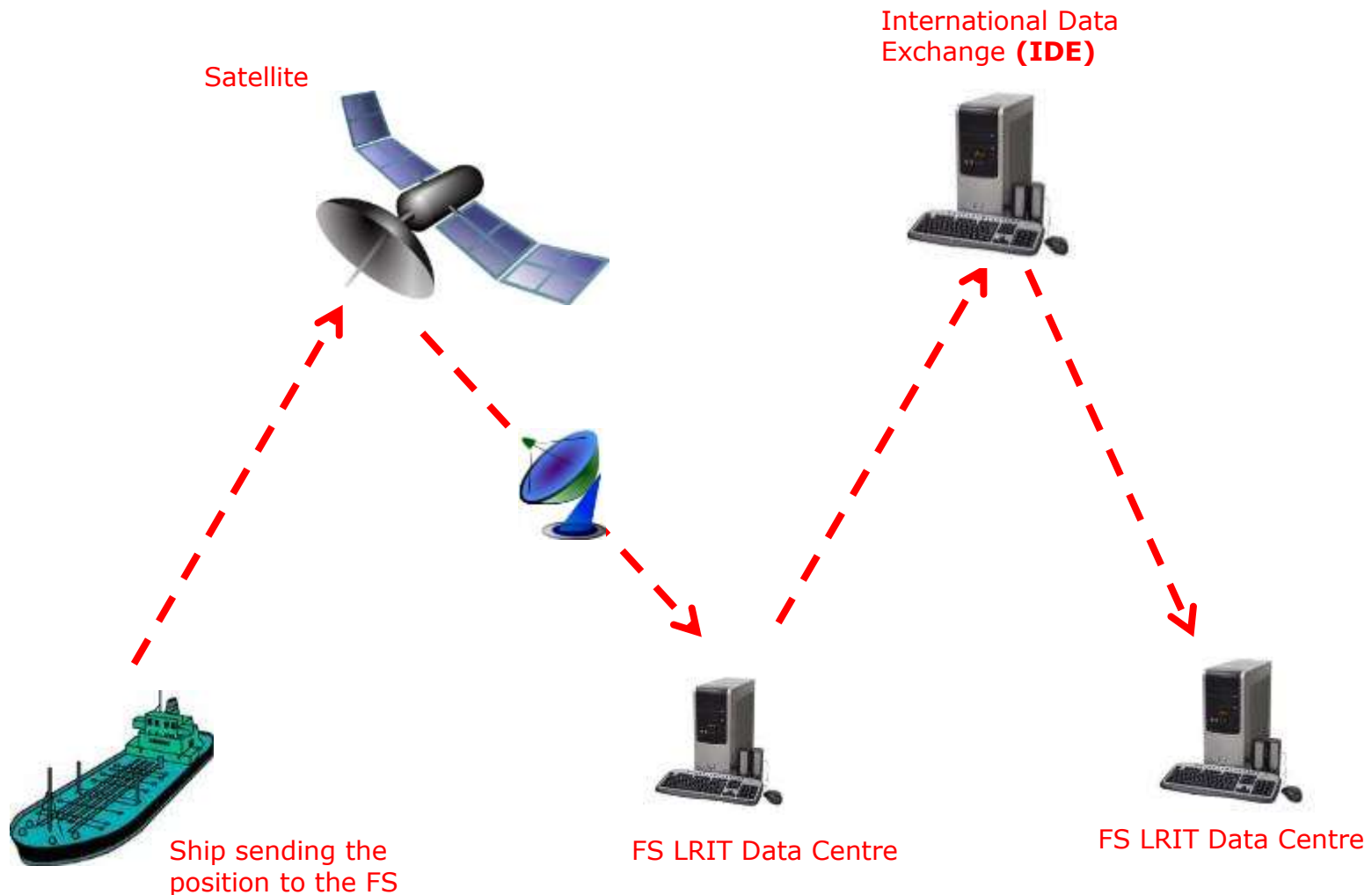
- SafeSeaNet is a vessel traffic monitoring and information system, established by Directive 2002/59/EC (as amended) for:
 - maritime safety,
 - port and maritime security,
 - marine environment protection and
 - the efficiency of maritime traffic and maritime transport.

- enables 28 EU Member States, plus Iceland and Norway, to exchange information on vessel traffic and cargo movements

- managed and operated by EMSA; overall responsibility for the system remains with the European Commission (DG MOVE)

- provides information on pre-arrival, arrival and departure, hazardous goods, incidents

Long Range Identification and Tracking



Long Range Identification and Tracking

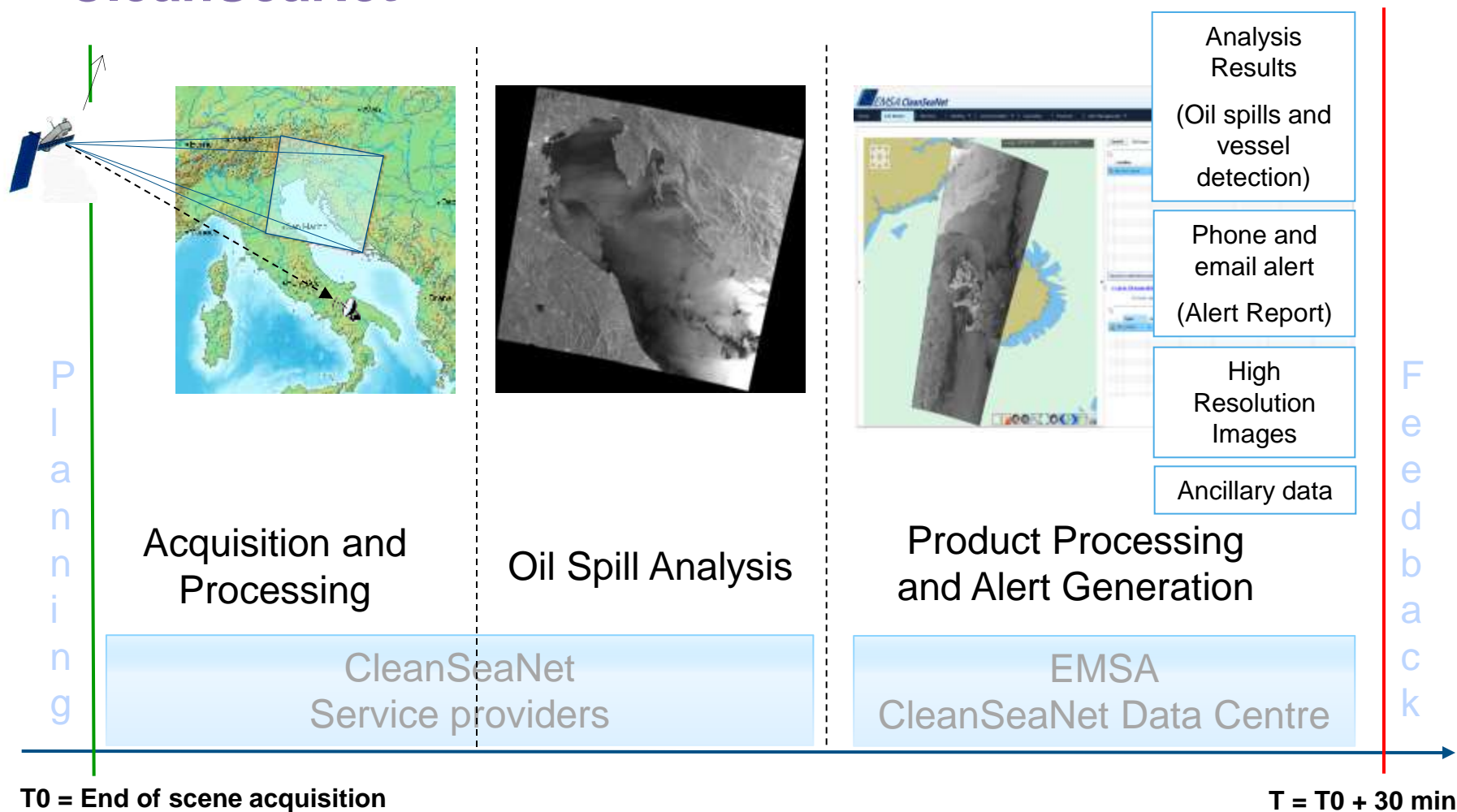
- EU LRIT CDC counts 37 flags and over 8500 ships
- Operational since 2009
- Users:
 - Maritime administrations
 - SAR centres
 - VTS centres
 - Coast guards
- EMSA runs the LRIT IDE



CleanSeaNet

- Operational since 2007
- 26 participating countries
- Some 2000 images delivered per year to 400 users
- Used for:
 - identifying and tracing oil pollution on the sea surface
 - monitoring accidental pollution during emergencies
 - contributing to the identification of polluters.

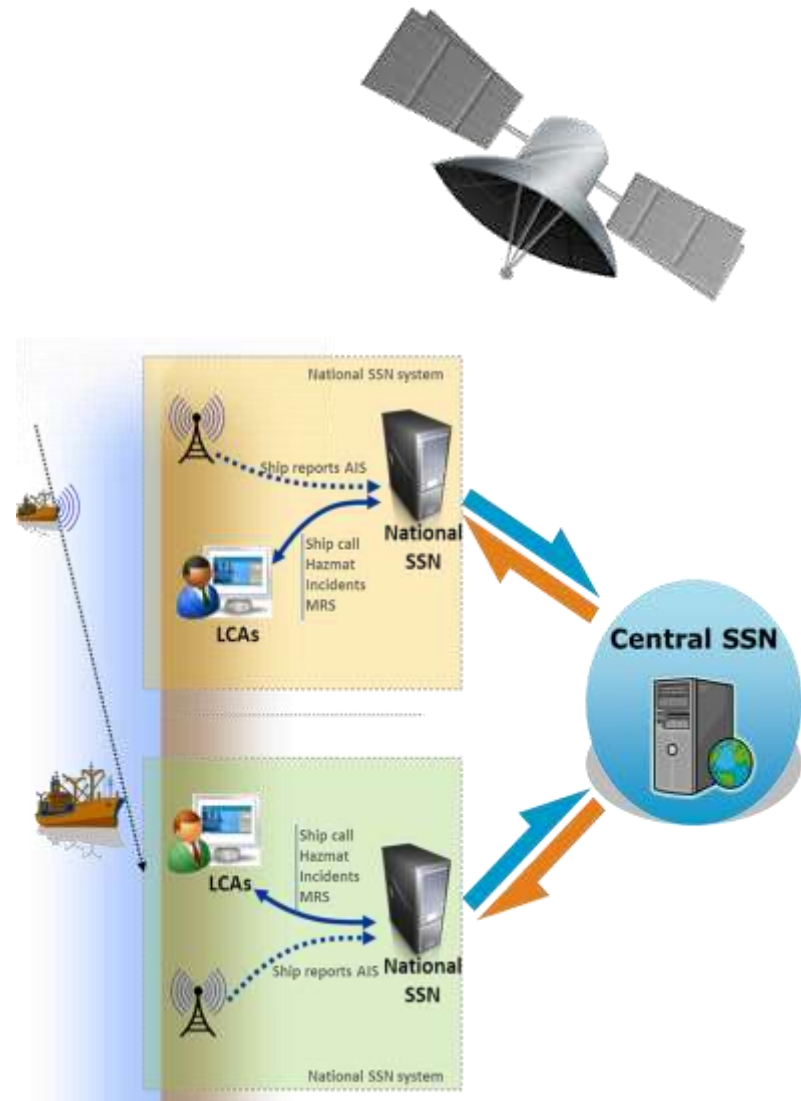
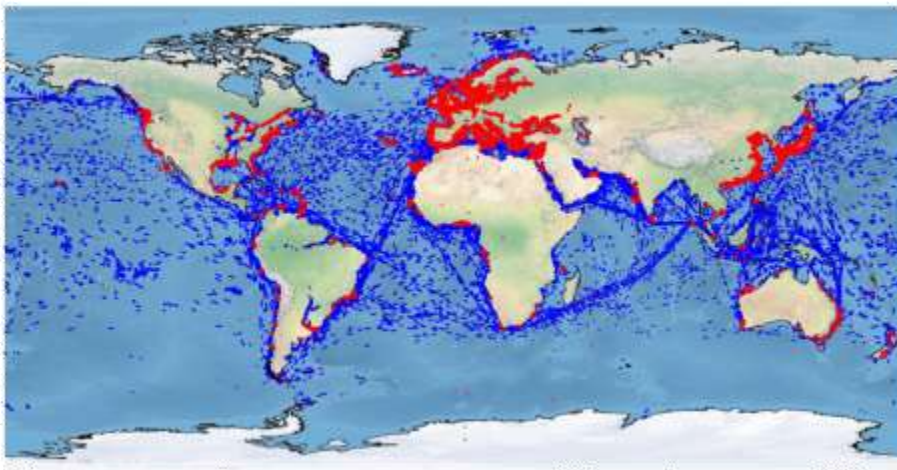
CleanSeaNet



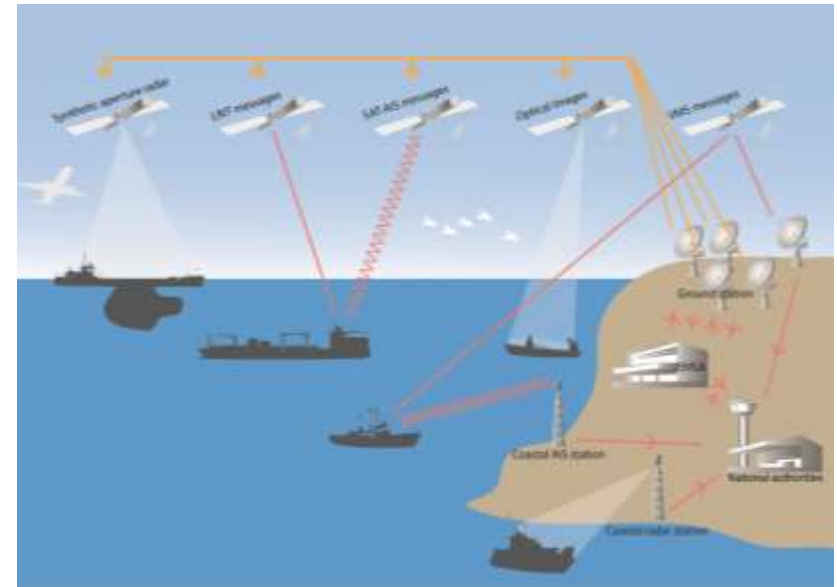
* Satellite images are acquired in segments up to 1400 km long. 30 min are for a 400 km long image

Integrated Maritime Services

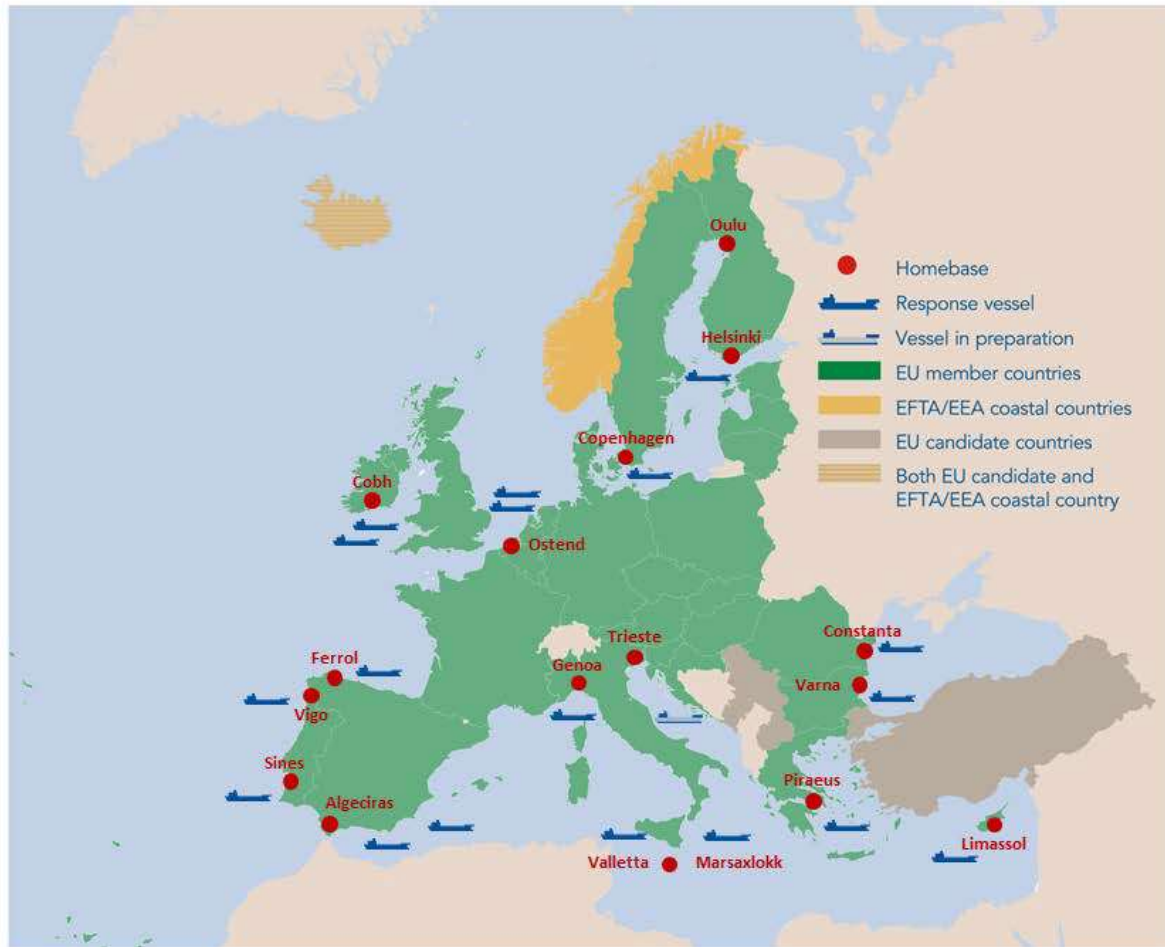
- Integrated Maritime Services
- Vessel Reporting Services
- Earth Observation Services



- Member States
- EU institutions and bodies
 - EFCA
 - EUNAVFOR
 - Frontex



Network of Stand-by Oil Spill Response Vessels



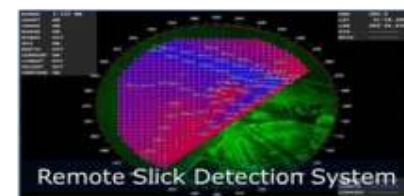
Stand-by oil spill response vessels and specialized equipment

- Different type of vessel
- Defined mobilisation time
- Trained crew

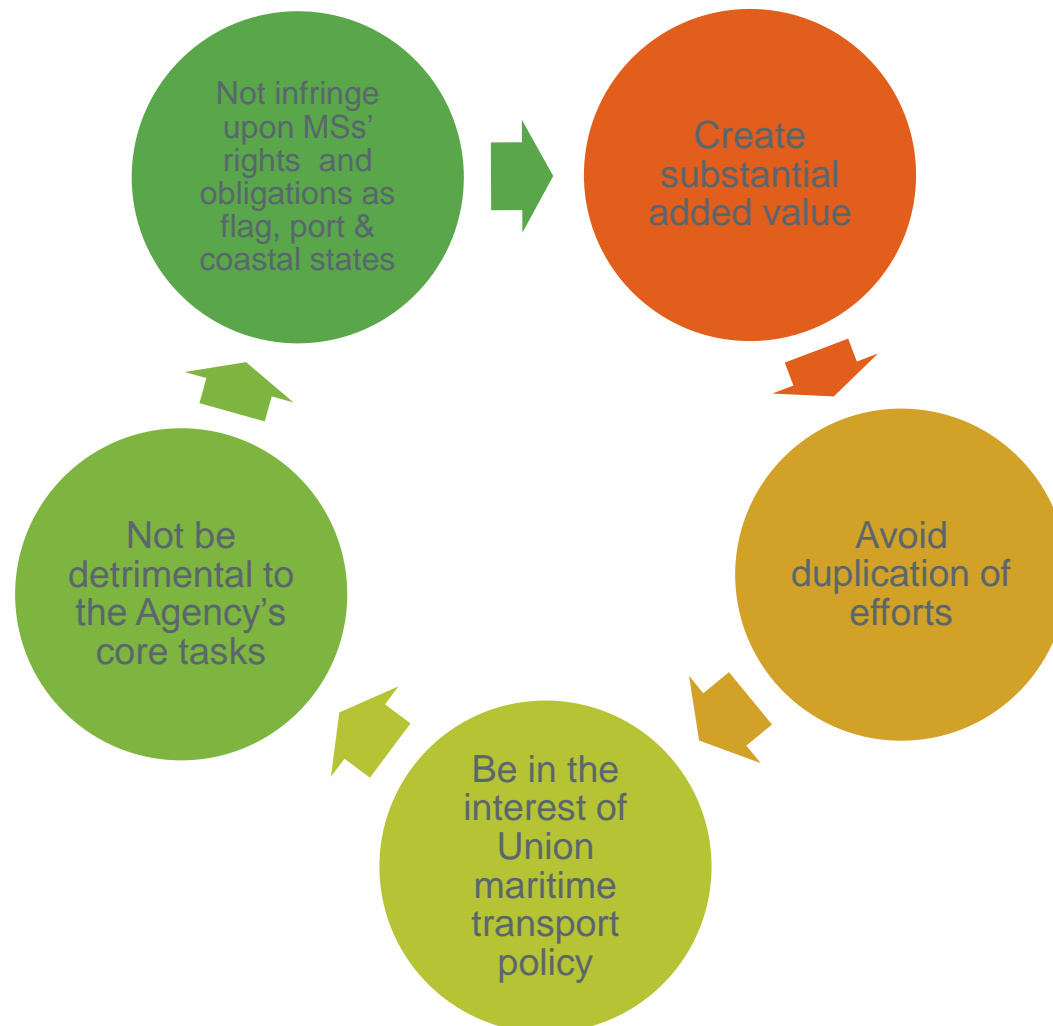


- Different options
- Operational 24hrs a day

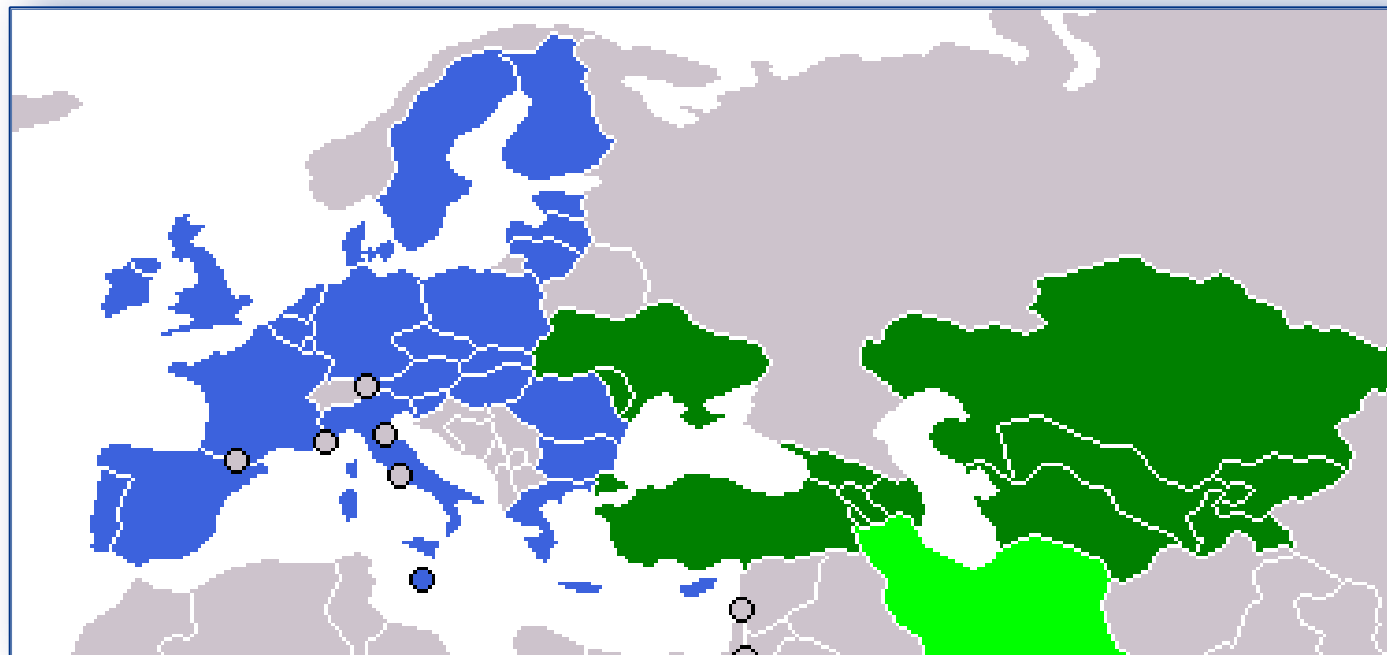
Type of Equipment



Objective: *To assist the Commission and MS's in Union activities in so far as EMSA has established and recognised expertise and tools*



TRACECA II Maritime Safety and Security II project



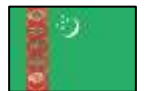
Ukraine



Moldova



Kazakhstan



Turkmenistan



Georgia



Armenia



Azerbaijan

The European Neighbourhood Policy Instrument (ENPI) – the framework for providing assistance to neighbouring countries



The TRACECA programme



- **SASEPOL Project: August 2009 – December 2011, € 3.4 million**
- **TRACECA Maritime Safety & Security II: January 2013 – January 2016, € 3 million**
- **TRACECA Maritime Safety & Security II complementary project: June 2014 – June 2016, € 0.85 million**

Duration: 24 months (started in June 2014)

Budget: € 0.85 million

Beneficiary countries: Armenia, Azerbaijan, Georgia, Kazakhstan, Moldova, Turkmenistan and Ukraine

Implementing contractor: European Maritime Safety Agency (EMSA)

Overall objective: to contribute to raising maritime safety, maritime pollution prevention and preparedness/response standards in the Black and Caspian Seas

Means for achieving the project objectives:

- providing the Beneficiary countries with specific technical assistance falling within the domain of specialized expertise of the Agency
- introducing and associating the Beneficiary countries to some operational tools developed and managed by EMSA on behalf of the European Commission and the Member States like the CleanSeaNet and the network of oil recovery vessels

Project components:

- **Flag State Implementation**
 - Beneficiary country overviews
 - Training in marine accident investigation
- **Port State Control**
 - Provision of Rulecheck and Distance Learning Package
 - Tutoring projects on Port State Control
- **Coastal State Control**
 - Vessel Traffic Monitoring and AIS sharing
 - Environmental protection

Environmental protection component

- **Provision of CleanSeaNet (CSN)**
 - *information session,*
 - *training of CSN operators*
 - *provision of CleanSeaNet service*
- **EMSA's pollution response services**
 - *Seminar on EMSA's pollution response services*
 - *International exercise with participation of an EMSA Stand-by Oil Spill Recovery Vessel*
- **Enforcement of prohibition of ship source pollution**

Questions?

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