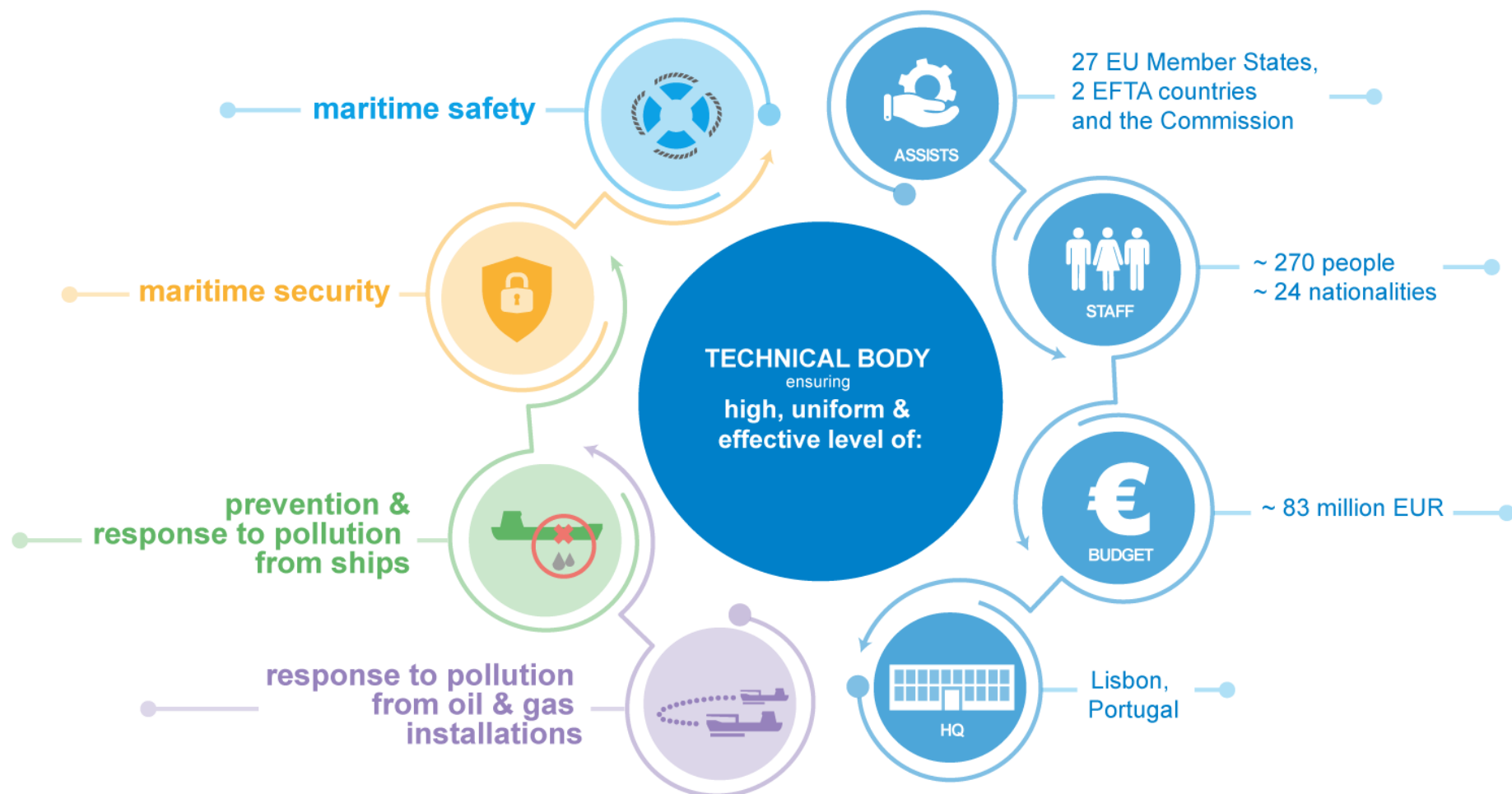


EMSA – Achievements, Challenges and Strategy for the Future

Maja Markovčić Kostelac /
Executive Director of EMSA

IUC International Maritime and Transport Law Course
Dubrovnik, Croatia / 6 September 2021





CHANGES TO EMSA'S FOUNDING REGULATION



2002

Regulation (EC) No 1406/2002
Regulation (EC) No 1644/2002
Administrative and budgetary provisions



2006

Regulation (EC) No 2038/2006
Funding for response to marine pollution by ships



2016

Regulation (EU) 2016/1625
Extended cooperation with Frontex & EFCA on coast guard functions
Use of RPAS
Enhanced capacity building activities



2004

Regulation (EC) No 724/2004
Ship security
Technical/scientific assistance for oil pollution



2013

Regulation (EC) No 100/2013
Core/ancillary tasks
Oil/gas installations
Central role in maritime surveillance
Technical assistance ENP

legislation
development



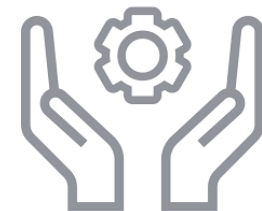
capacity
building



European Maritime Safety Agency



monitoring the
implementation



operational
assistance

International and EU maritime regulatory frameworks





as

- service provider
- reliable partner
- international reference
- knowledge hub

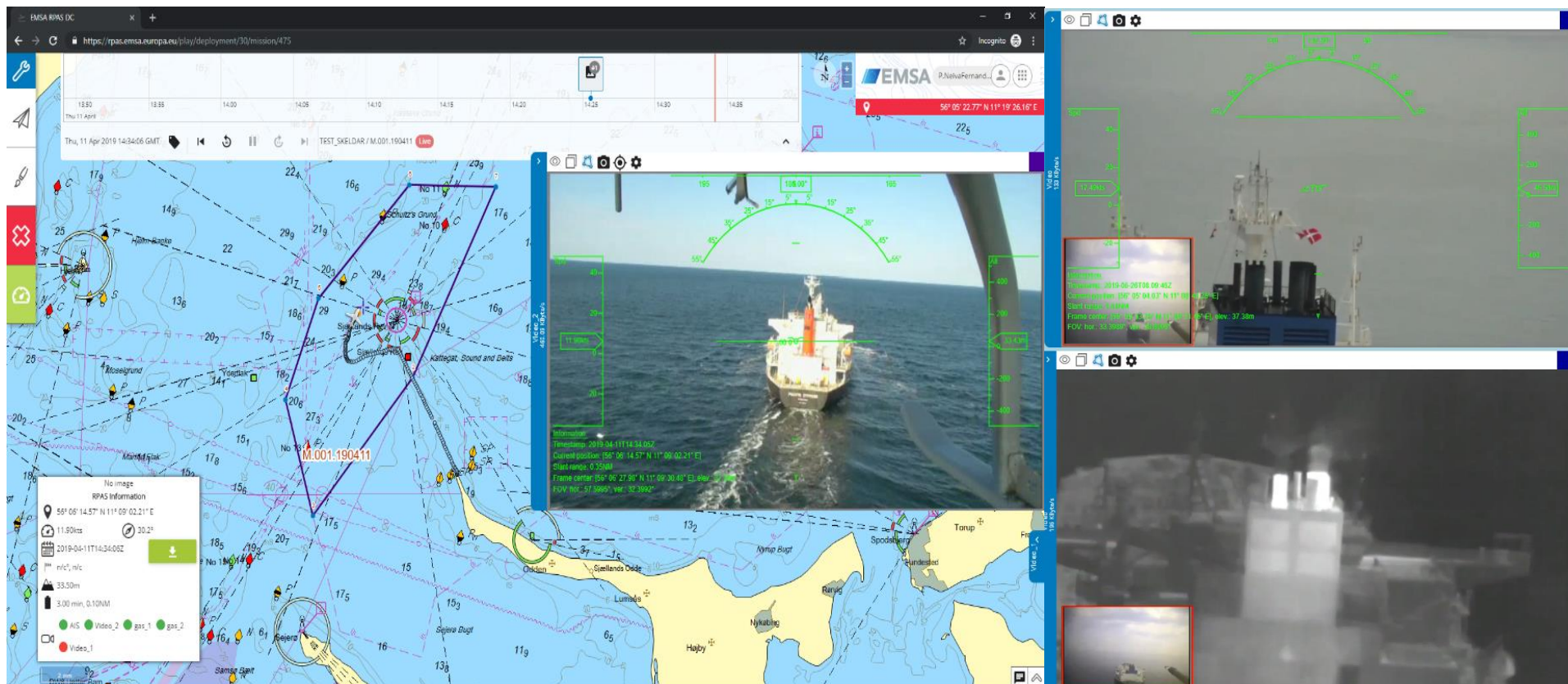
Modern organisational management
efficient, stakeholder oriented, smart, transparent
and gender balanced



Sustainability



Strategic priority: Contribute to the European green agenda for maritime transport by strengthening the EU capacity to protect the marine environment, manage climate change and respond to new environmental challenges





Sustainability

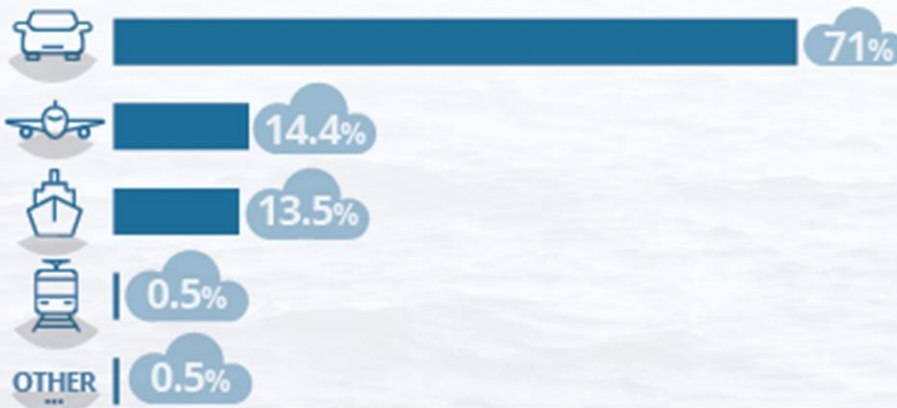
144.2
million
tonnes CO₂

emitted by ships calling
at European ports in 2018

144.6
million
tonnes CO₂

emitted by ships calling
at European ports in 2019

EU GHG emissions from transport in 2018





Sustainability



16%
global SO_2

1.63 million tonnes SO_2

emissions from
international shipping in 2019

22%
global NO_2

4.46 million tonnes NO_2

emissions from
international shipping in 2019

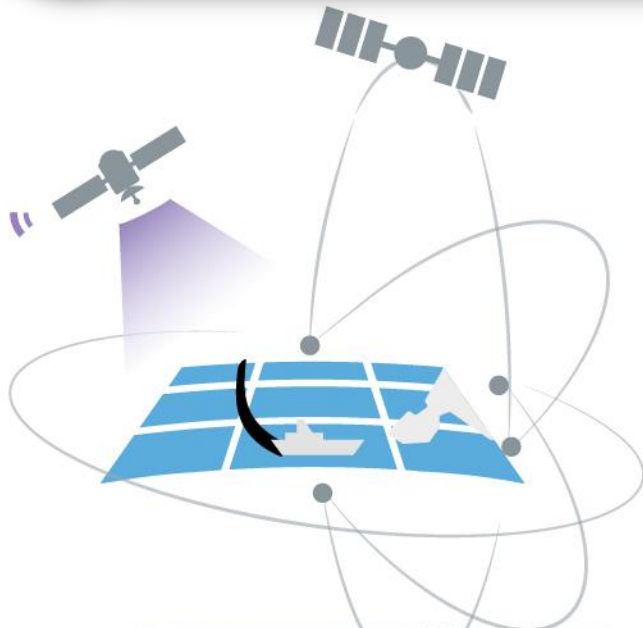
NO_x
24%

PM
9%



Sustainability

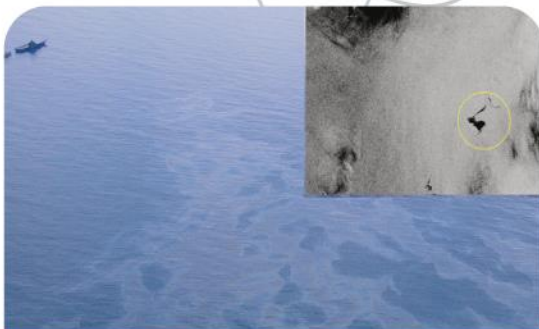
CleanSeaNet



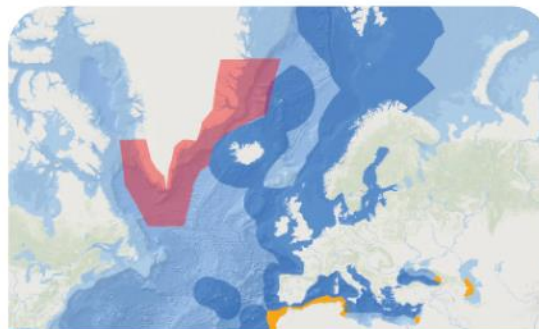
THOUSANDS OF
IMAGES DELIVERED



ACCESS TO
20 SATELLITE MISSIONS



IDENTIFICATION
OF POLLUTERS



4.3 BILLION KM²
MONITORED

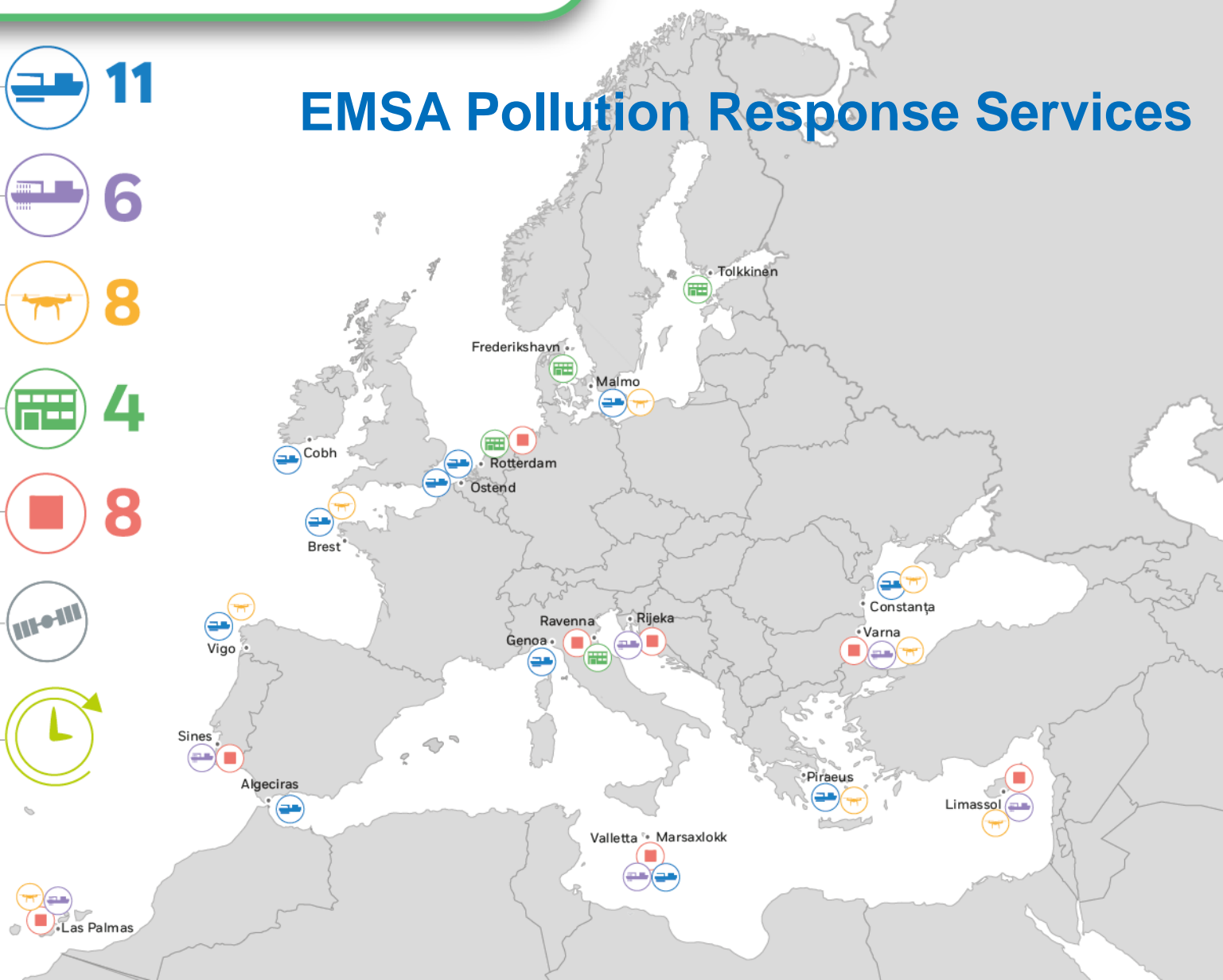


DELIVERY TIME
OF 20 MINUTES



Sustainability

EMSA Pollution Response Services





Sustainability

European Maritime Transport Environmental Report 2021



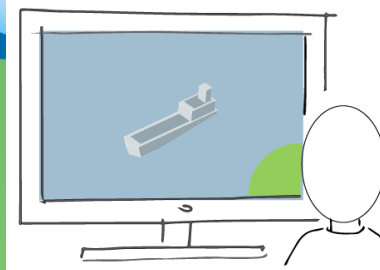
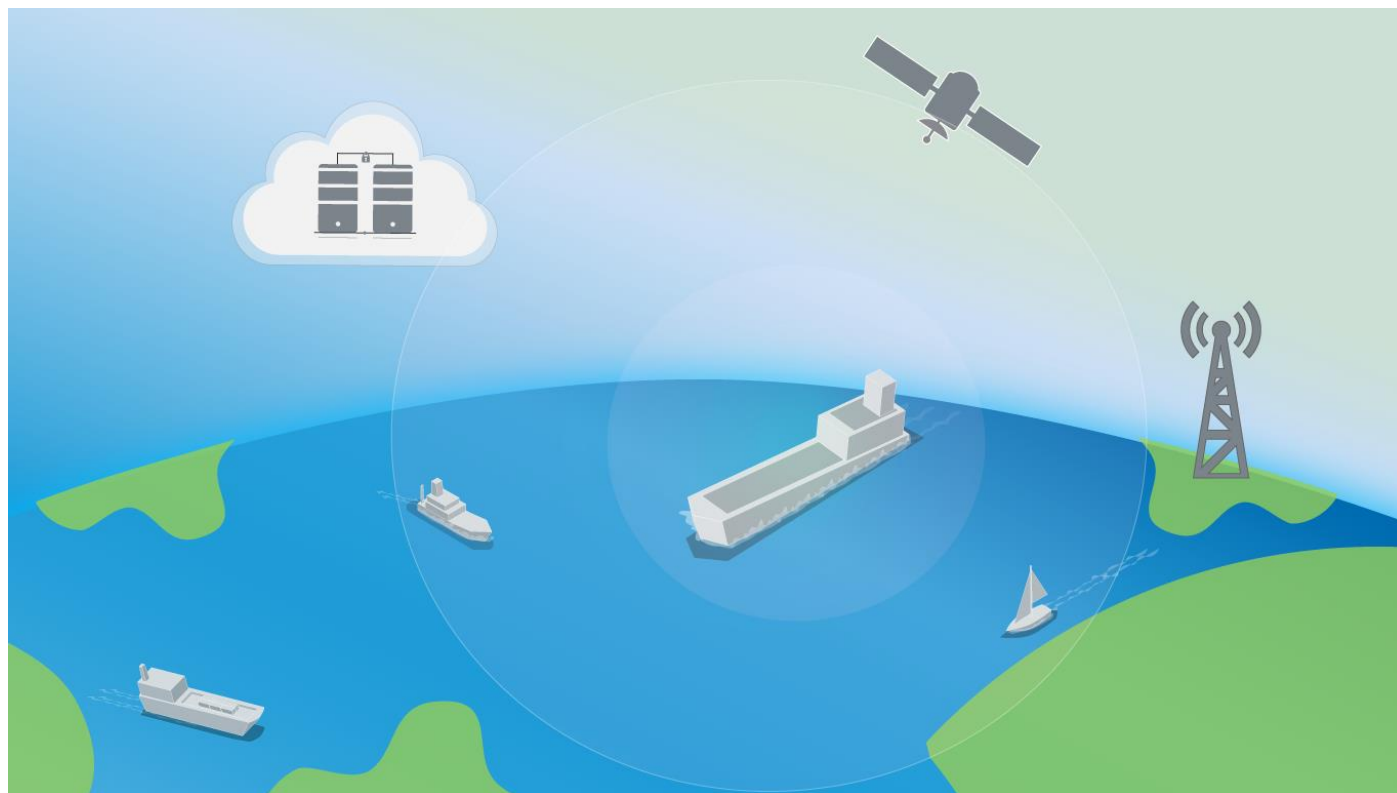
[Publications](#) /
[Technical reports, studies and plans](#) / European
Maritime Transport Environmental Report 2021





Safety

Strategic priority: Contribute to higher maritime safety standards, anticipate new maritime safety challenges and expectations and provide knowledge-based solutions with the aim of contributing to the reduction of marine casualties and human loss





Safety

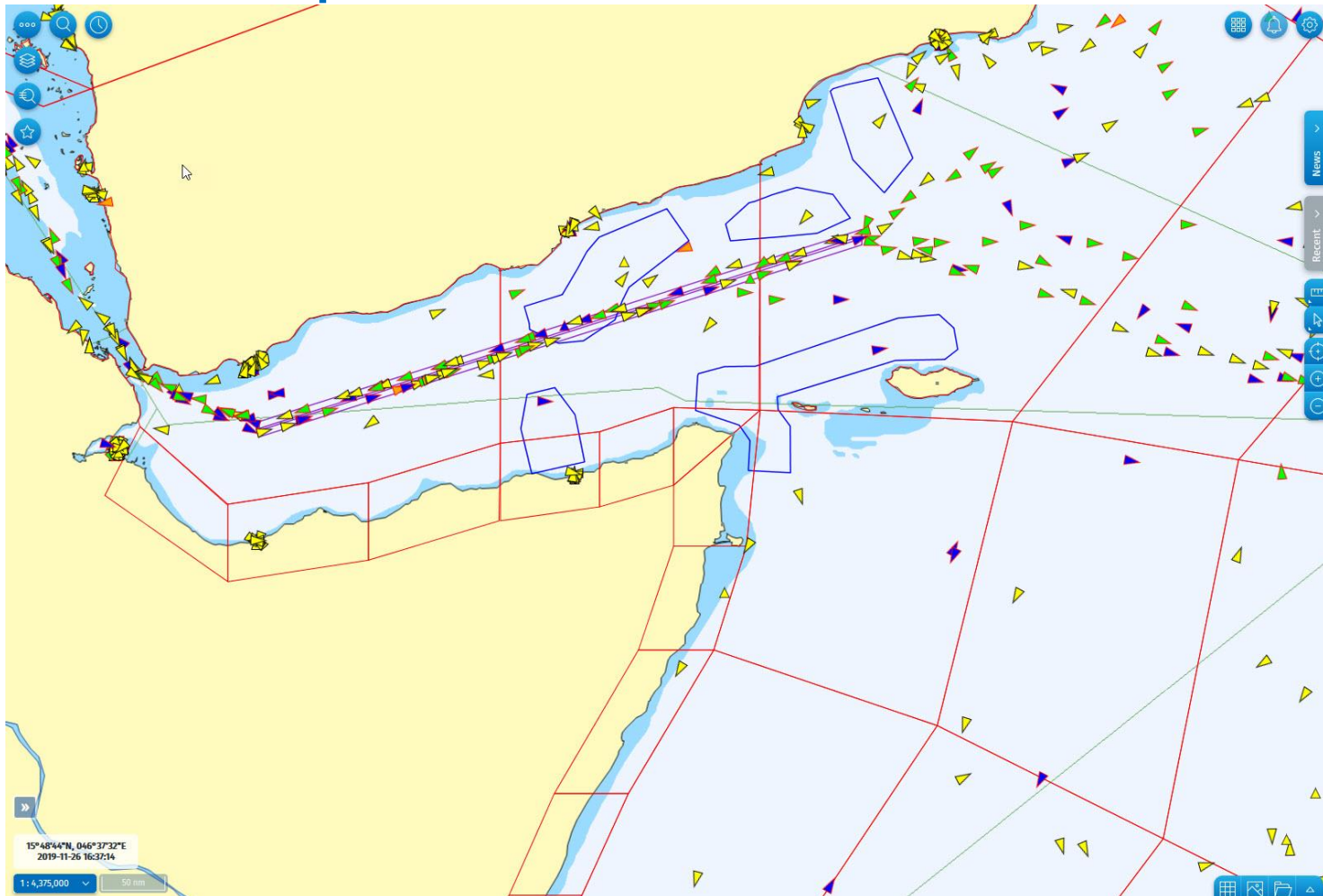
Strategic priority: Contribute to higher maritime safety standards, anticipate new maritime safety challenges and expectations and provide knowledge-based solutions with the aim of contributing to the reduction of marine casualties and human loss





Security

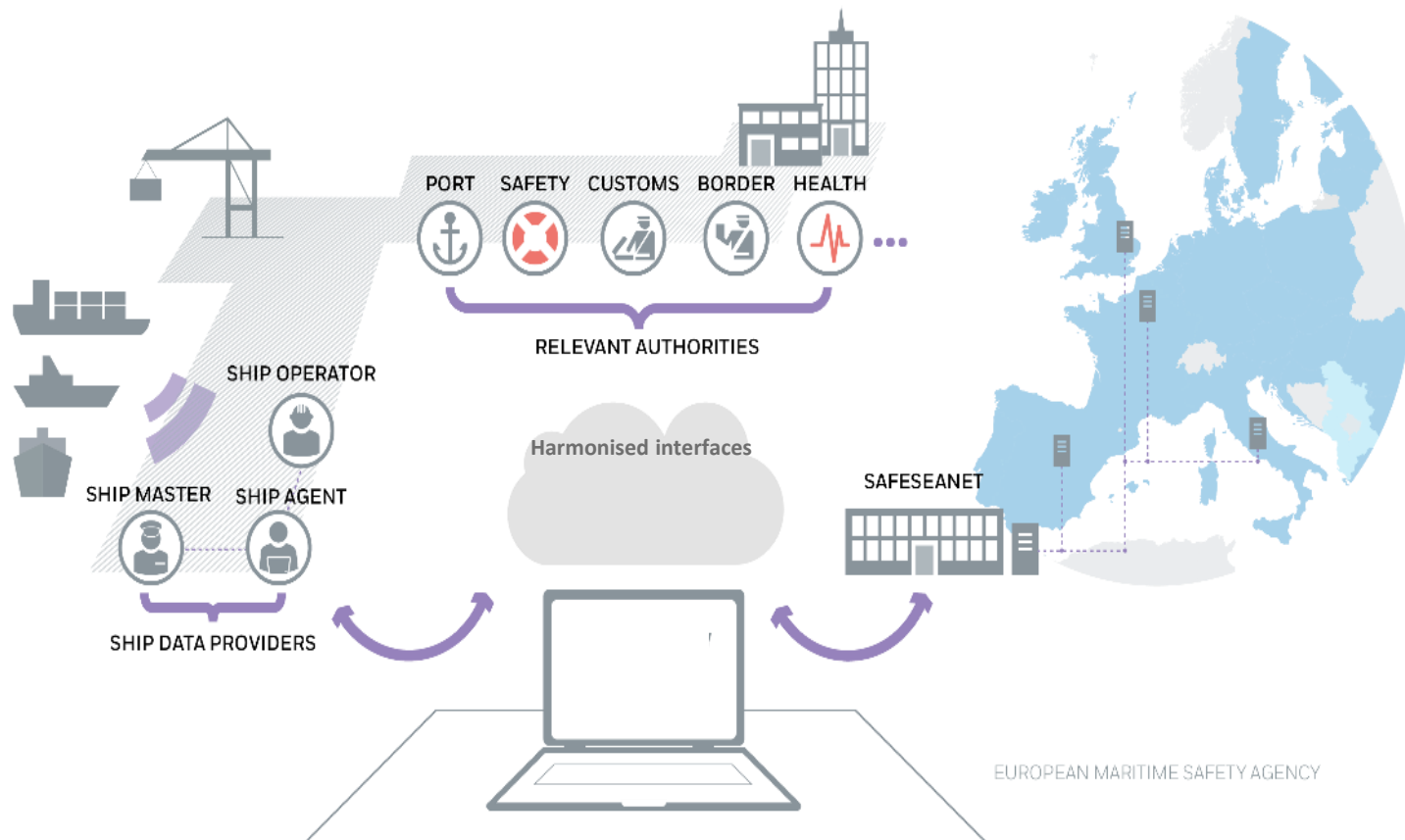
Strategic priority: Strengthen maritime security in Europe and globally where there is a European interest





Simplification

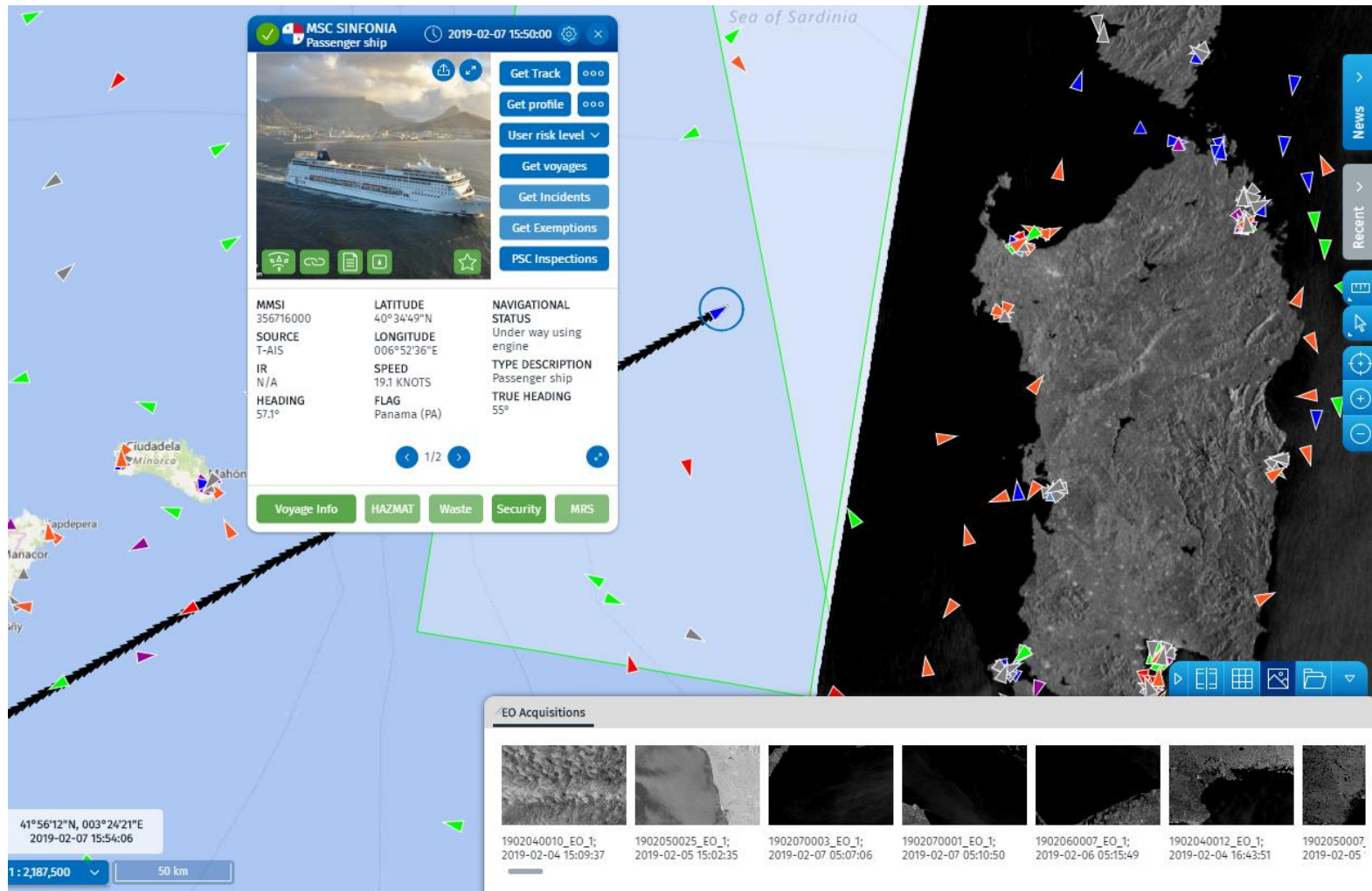
Strategic priority: Facilitate the simplification of EU shipping by supporting EU-wide digital maritime solutions





Surveillance

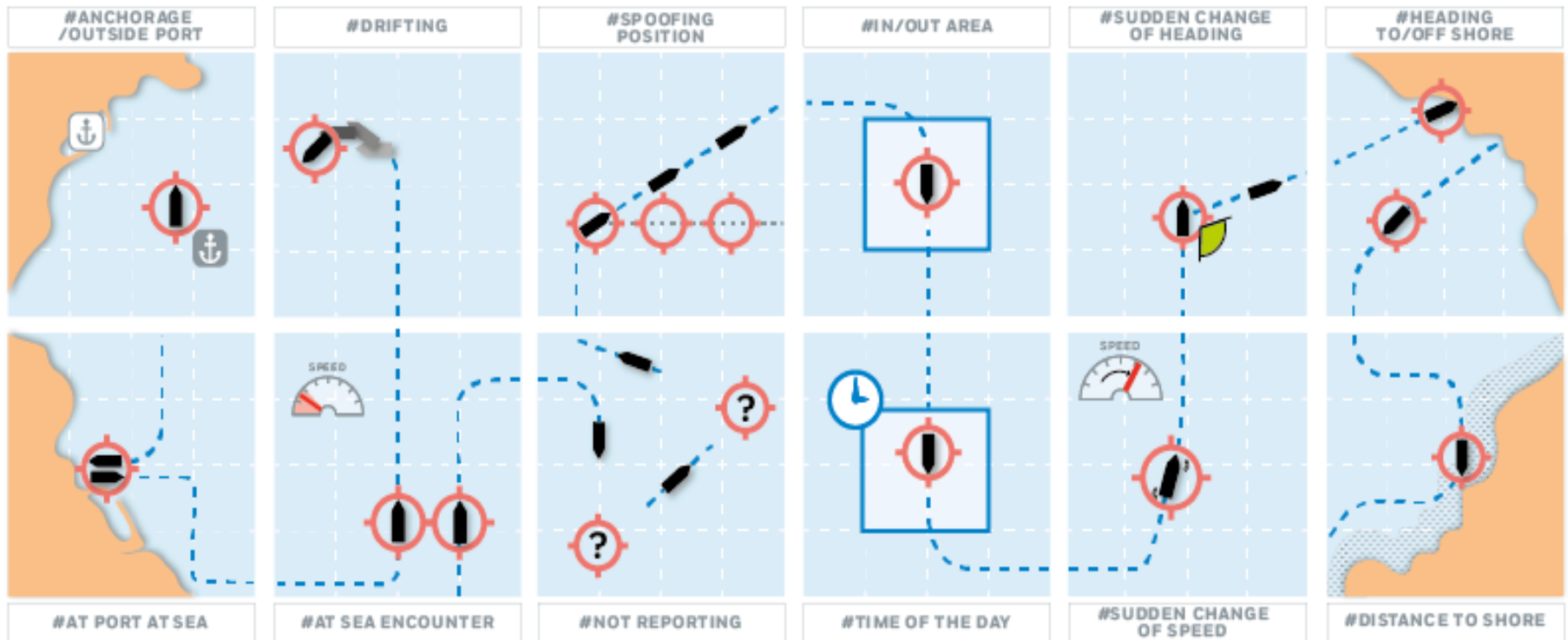
Strategic priority: Strengthen EMSA's role as the core information management hub for maritime surveillance





Surveillance

Automated Behaviour Monitoring algorithms –
harnessing the potential of artificial intelligence





Surveillance

Pollution response



TECHNOLOGY
EO/IR camera

Emissions monitoring



TECHNOLOGY
EO/IR cameras
Emission sensors

Multipurpose maritime surveillance



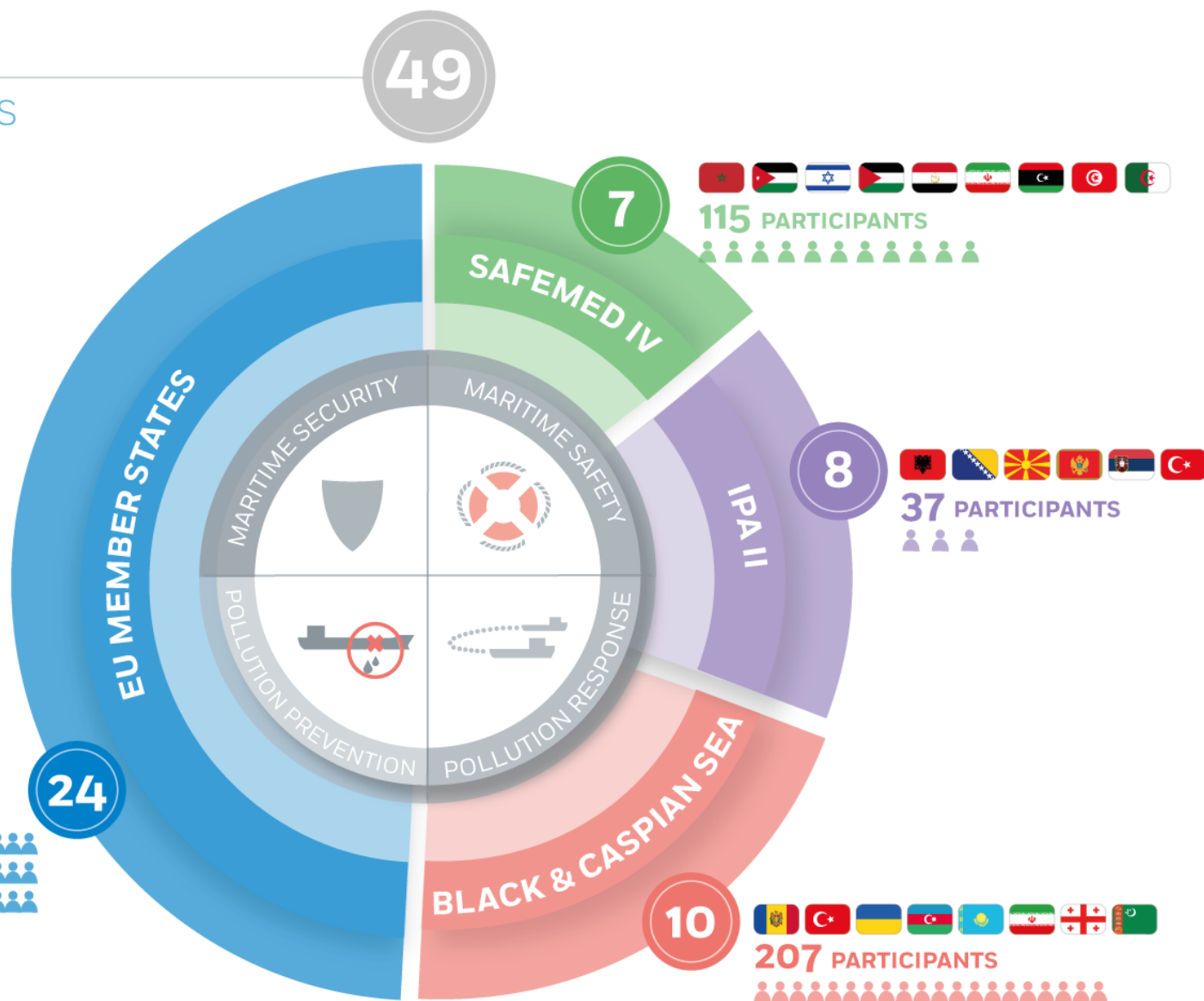
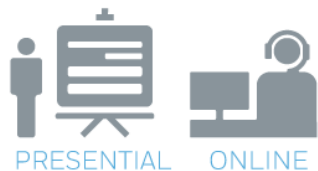
TECHNOLOGY
EO/IR, AIS,
EPIRB Satcom, Radar



EMSA's role – capacity building

2020

TRAINING SESSIONS



Conclusions





 twitter.com/emsa_lisbon
 facebook.com/emsa.lisbon

 **EMSA**
European Maritime Safety Agency