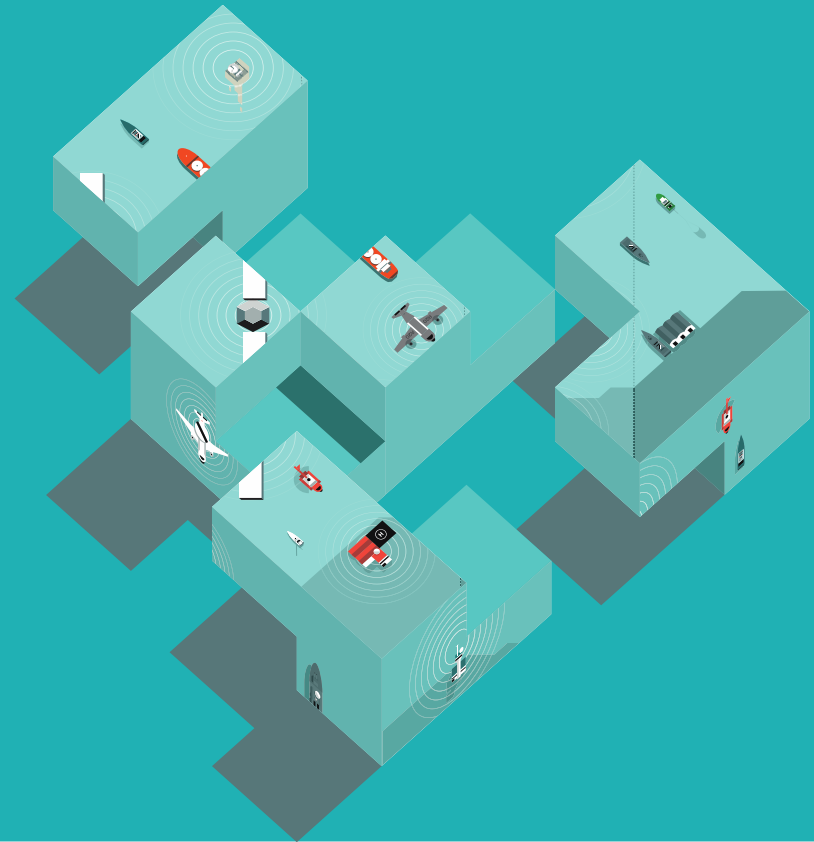


# The Maritime Common Information Sharing Environment for the EU (CISE)

***EUCISE 2020 Industry Day***

***23rd September 2015***

European Commission  
DG Maritime Affairs and Fisheries

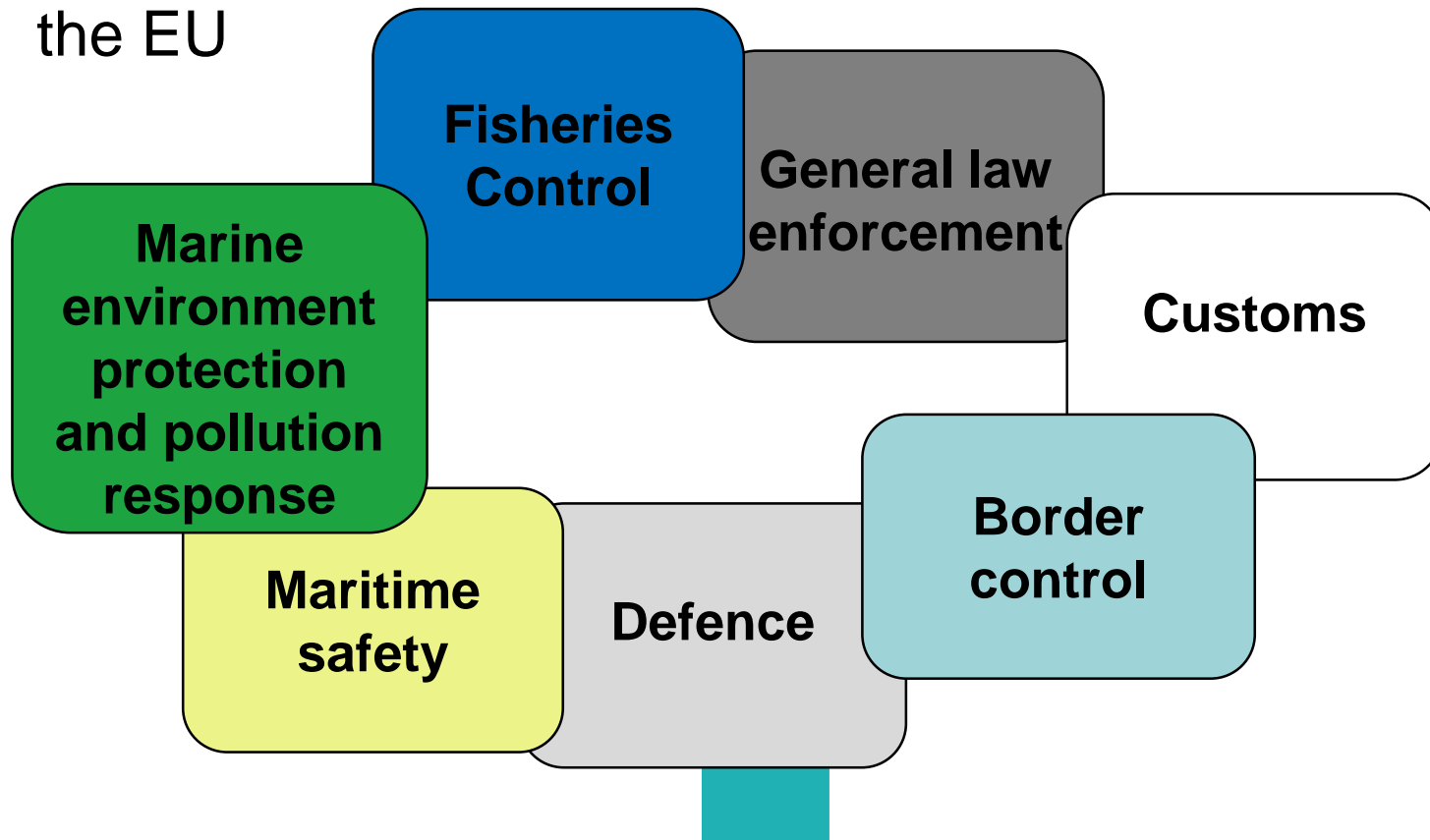


# CISE in a nutshell

- A collaborative process within the EU seeking to further enhance and promote automatic information sharing between authorities involved in maritime surveillance, across sectors and borders
- **Ultimate aim:**
  - ➔ Increase the efficiency, quality, responsiveness of surveillance and operations at sea
  - ➔ Ensure a safer, more secure and environmentally protected EU maritime domain

## Why CISE?

- Wide range of maritime tasks performed at sea by Member States: seven sectors, around 400 authorities in the EU



# Why CISE?

- Large amounts of information collected



## REPORTING

VMS  
VTS  
SSAS  
GMDSS  
AIS  
LRIT  
Fax  
Satellite  
AIS  
Radio



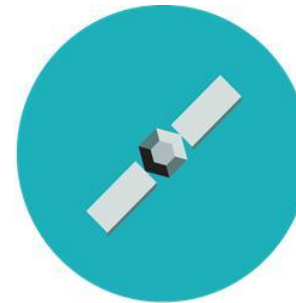
## SENSORS

Visual  
Radar  
ELINT  
FLIR  
Acoustic  
SONAR  
SAR  
ISAR  
HF-  
Radar



## PLATFORMS

Coastal  
Airborne  
UAS  
Ship-Borne  
IIV  
Satellite



## INTELLIGENCE

HUMINT  
SIGINT  
IMINT  
COMINT

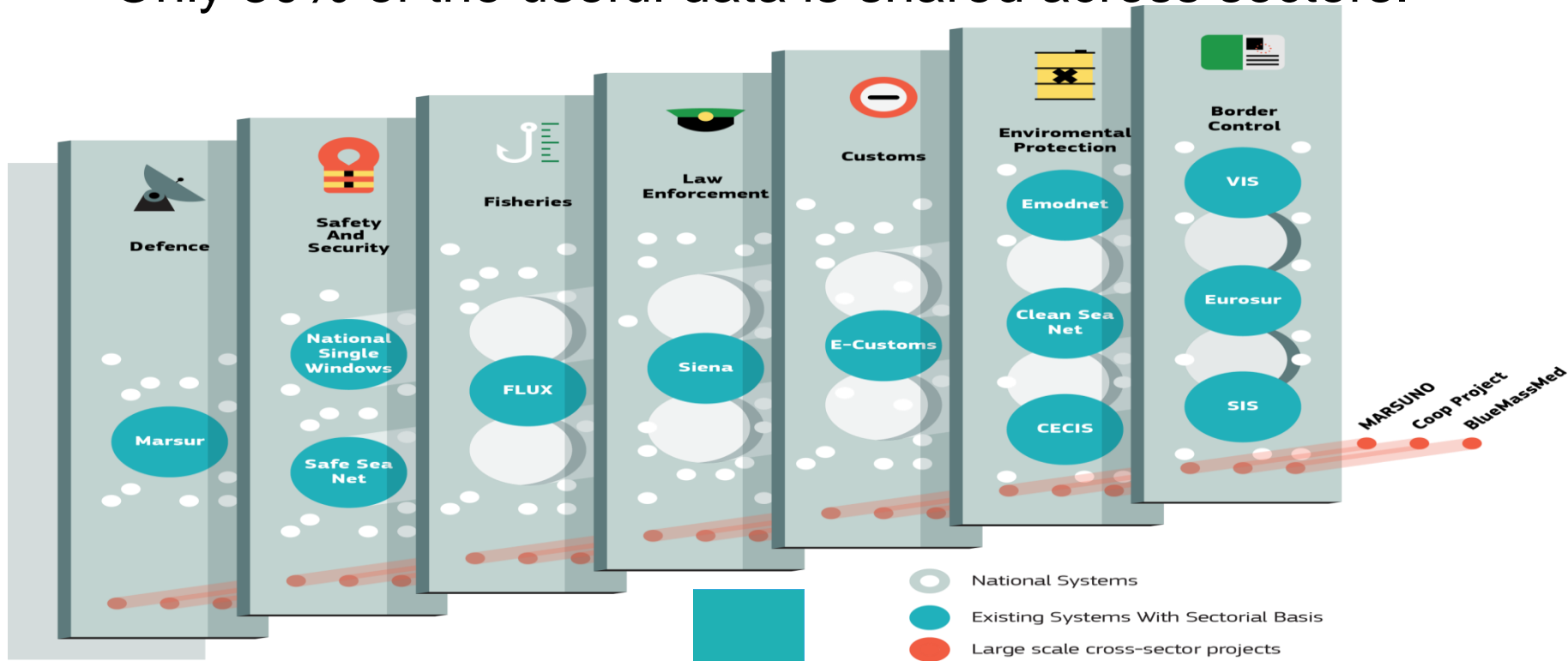


## DATA BASES

Ship Registers  
Ports Info  
Fishing Licenses  
Marine Data  
Criminal Registers  
European Atlas

# Why CISE?

- Maritime data is subject to multiuse: the same piece of data can be meaningful for different authorities in different operational situations.
- Only 30% of the useful data is shared across sectors.

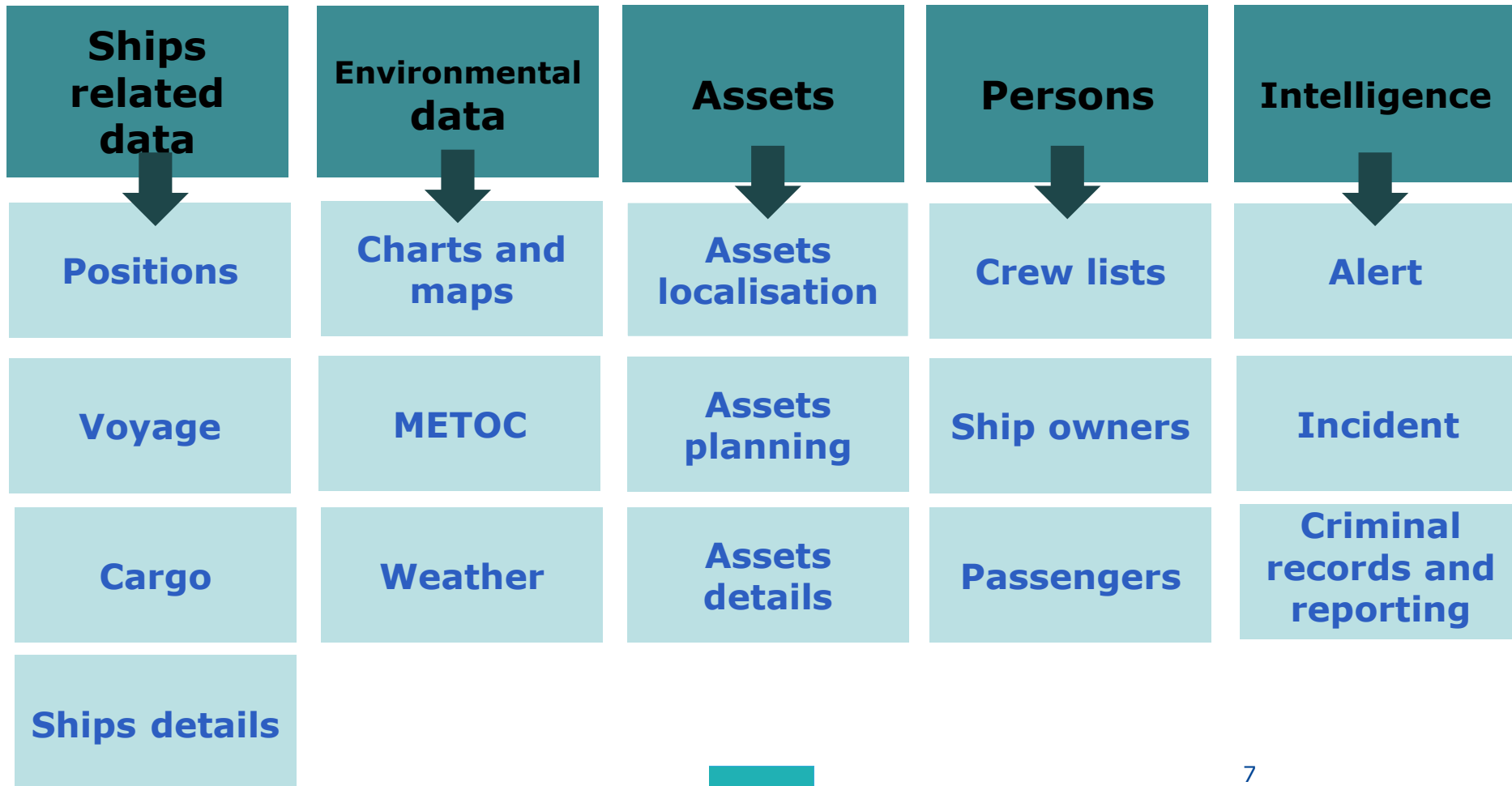


## CISE principles

CISE: an interoperability solution to foster maritime information sharing across sectors and borders:

- Not a new system but builds on existing systems (EU and national)
- Common specifications enabling existing systems to talk to each other
- No new screens: data integration in existing users interfaces
- Civil/military cooperation
- "Responsibility to share"

## CISE: which data?



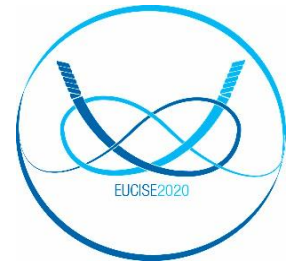
## CISE development process

- 2009-2012: pilot projects *BlueMassMed* and *Marsuno* have confirmed Member States interest to develop information exchange across borders and sectors.
- 2013: preparatory project *CoopP*
  - Use cases
  - Common data model and service model
  - Access rights matrix (role based access control)
- 2014: small scale testing *Incubator*

## CISE development process

- 2014: adoption of the European Union Maritime Security Strategy (EUMSS) and a related action plan.
- CISE is embedded in the 2<sup>nd</sup> workstrand:
  1. External action
  2. **Maritime awareness, surveillance and information sharing**
  3. Capability development
  4. Risk and crisis management, protection of infrastructures
  5. Research, innovation, education and training

## CISE development process



- **EU Level: prototyping**

2014- 2017: pre-operational validation: "EUCISE 2020":

- Large scale testing of decentralised information exchange among existing systems, across borders and sectors.
- Basis to define the operational EU solution, which will be made available in a CISE e-handbook (first release end 2016).

- **National level: support to enhanced information sharing**

- EU funding
- Yearly calls for proposals opened to national authorities

# EU policy framework of CISE



# Thank You

<https://webgate.ec.europa.eu/maritimeforum/en/cise>



European  
Commission