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
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?

- **Ships related data**
  - Positions
  - Voyage
  - Cargo
  - Ships details

- **Environmental data**
  - Charts and maps
  - METOC
  - Weather

- **Assets**
  - Assets localisation
  - Assets planning
  - Assets details

- **Persons**
  - Crew lists
  - Ship owners
  - Passengers

- **Intelligence**
  - Alert
  - Incident
  - Criminal records and reporting
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 2nd 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

Integrated Maritime Policy (IMP) & Blue Growth

EU Digital Agenda & Standardisation Policy

EU Maritime Security Strategy (EUMSS) & European Agenda for Security
Thank You