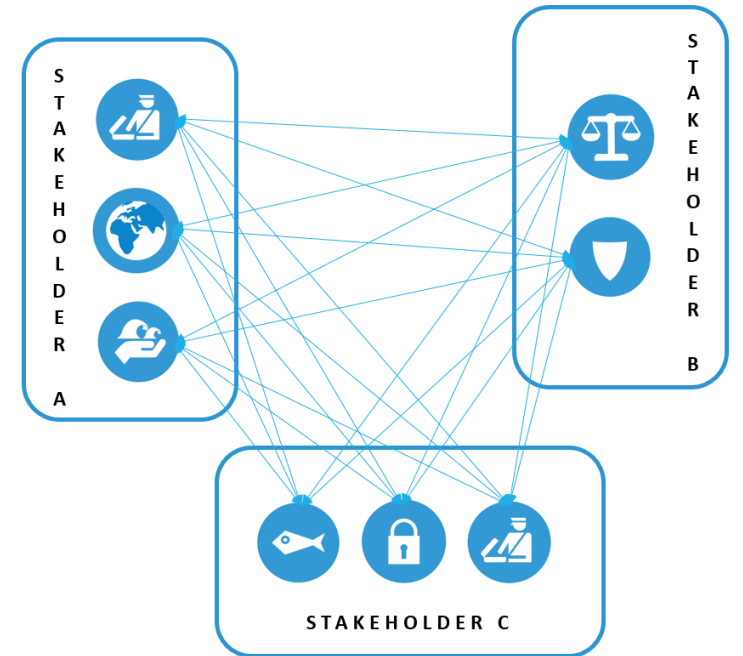
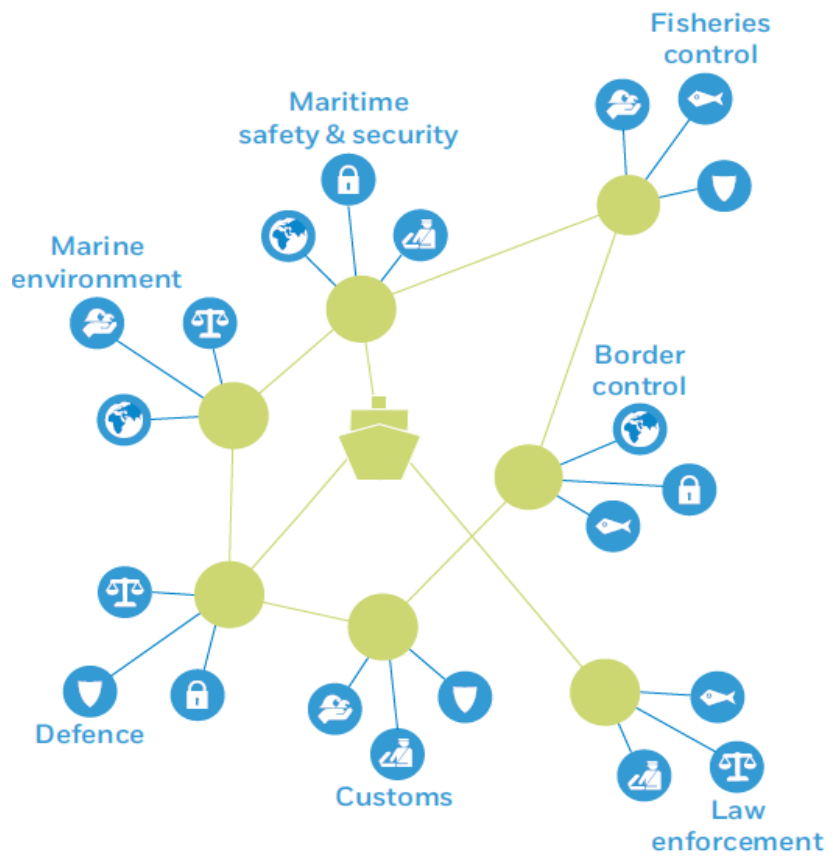




Maritime security and Surveillance:
EUROPEAN PROJECT
CISE-ALERT

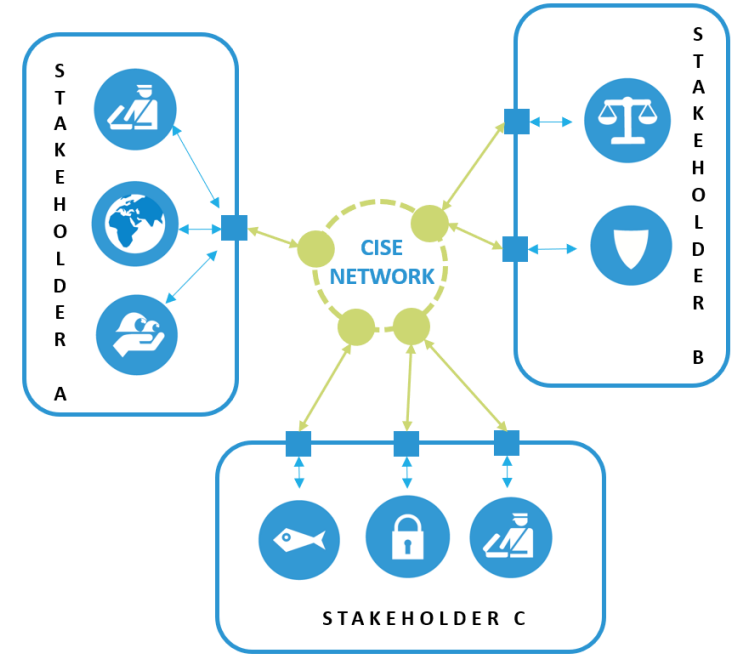


CISE: dedicated network for MARSUR authorities



- Several interfaces to be set up for each connection between the systems
- Several agreements to be signed for each connection
- Several operational procedures should be defined

VS



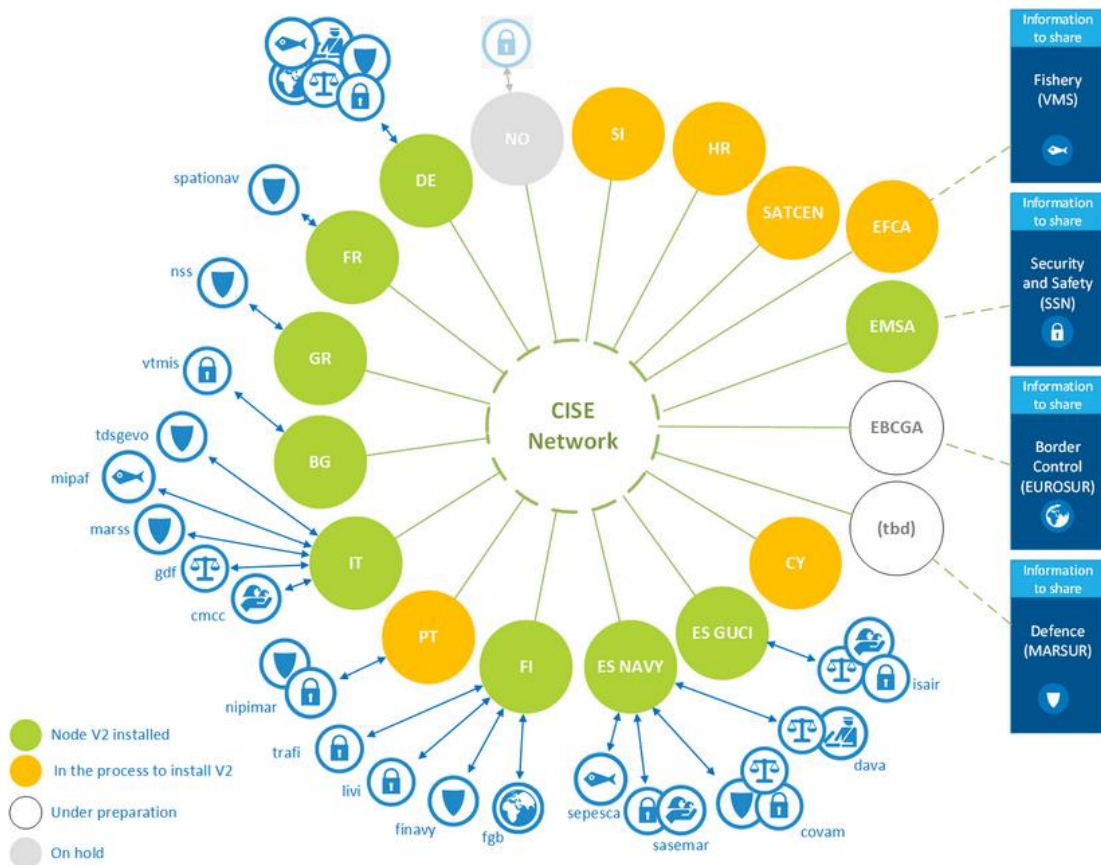
- **One standard interface** connecting all stakeholders' systems (CISE Data and Service model)
- **One agreement** signed by all parties (Cooperation Agreement)
- **Common operational procedures** are defined



Connection Status (source EMSA)

CISE Network

The CISE Network diagram provides a snapshot of the network composition.



Currently CISE connects 15 nodes from different MS and EU organisations and links systems and MS Public Authorities covering all the 7 different maritime sectors.

CISE STAKEHOLDER GROUP MEMBERS

- COUNTRIES WITH NOMINATED CSG MEMBERS
- EU INSTITUTIONS, EU SERVICES, AND OTHER INTERNATIONAL ORGANISATIONS
- NODES





Projet CISE-ALERT

Maritime security & surveillance: cooperation and interoperability within the European Union



CISE: A network dedicated to information exchange

- 🔍 A 2009 European initiative implemented by EMSA since 2019
- 🎯 Objectives:
 - Structuring and securing the access to information
 - Interoperability of surveillance systems
 - Stronger cooperation and information exchange
 - Optimal efficiency for actions of authorities

📅 Operational Phase: 2024 www.emsa.Europa.eu/CISE



European project MED OSMOSIS: Systems interoperability and connection to CISE

€ 3 M€ (co-funded by ERDF) 🧑‍🤝‍🧑 10 partners / 8 countries 📅 36 months (2019-2022) <https://med-osmosis.interreg-med.eu>

- 🎯 Objectives: Cooperation and Development of tools for maritime surveillance

MED OSMoSIS in France:

- Improvement of the data.shom.fr geoportal
- Development and testing of *PING*, French digital platform for nautical information, digitisation of navigational warnings and implementation of the International Hydrographic Organisation (OHI) S-100 data standard
- Assessment of the connection to CISE and integration of geographic data as flows. Collaboration with the Secretariat General for the sea (SGMer), European Maritime Safety Agency (EMSA), Joint Research Center (JRC) and European Agencies



European Project CISE-ALERT

CISE's operationalization launch through a Long Endurance & Real live Test

€ 2,4 M€ (85% co-funded by EMFAF) 📅 24 months (01/11/2022 - 31/10/2024)



Coordinator: Secrétariat General for the sea (SGMer)
13 partners / 8 countries: Bulgaria, France, Greece, Italy, Portugal, Slovenia, Finland, Netherlands



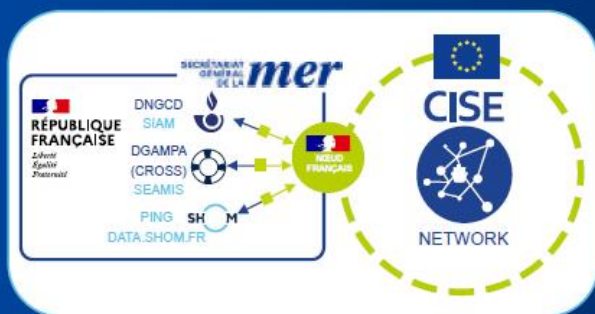
Objectives:

- Further strengthen crossborder cooperation
- Increase data accessible within CISE
- Enlarge the CISE network



Key Steps:

- Identify specific requirements from authorities to support their actions at sea
- Collect and share associated information and data
- Improve systems' interoperability through developments within CISE
- Conduct tests through crisis simulation exercises



In France, CISE-ALERT will help Customs (DNGCD) and Maritime Rescue Co-ordination centres (MRCCs) under the Directorate General of Maritime Affairs, Fisheries and Aquaculture (DGAMPA), connect their surveillance systems to CISE. Shom will provide reference environmental data through data.shom.fr. Navigational Warnings will also be shared through the connection of *PING* to CISE.

Project CISE Alert - @CISE_ALERT

www.shom.fr

Partner Countries





Project Organisation

7 Work packages

WP1
Management & Coordination

WP2
Services Definition

WP3
Services Implementation

WP4
Endurance Trials Preparation

WP5
Operational Validation
(Trial execution and Assessment)

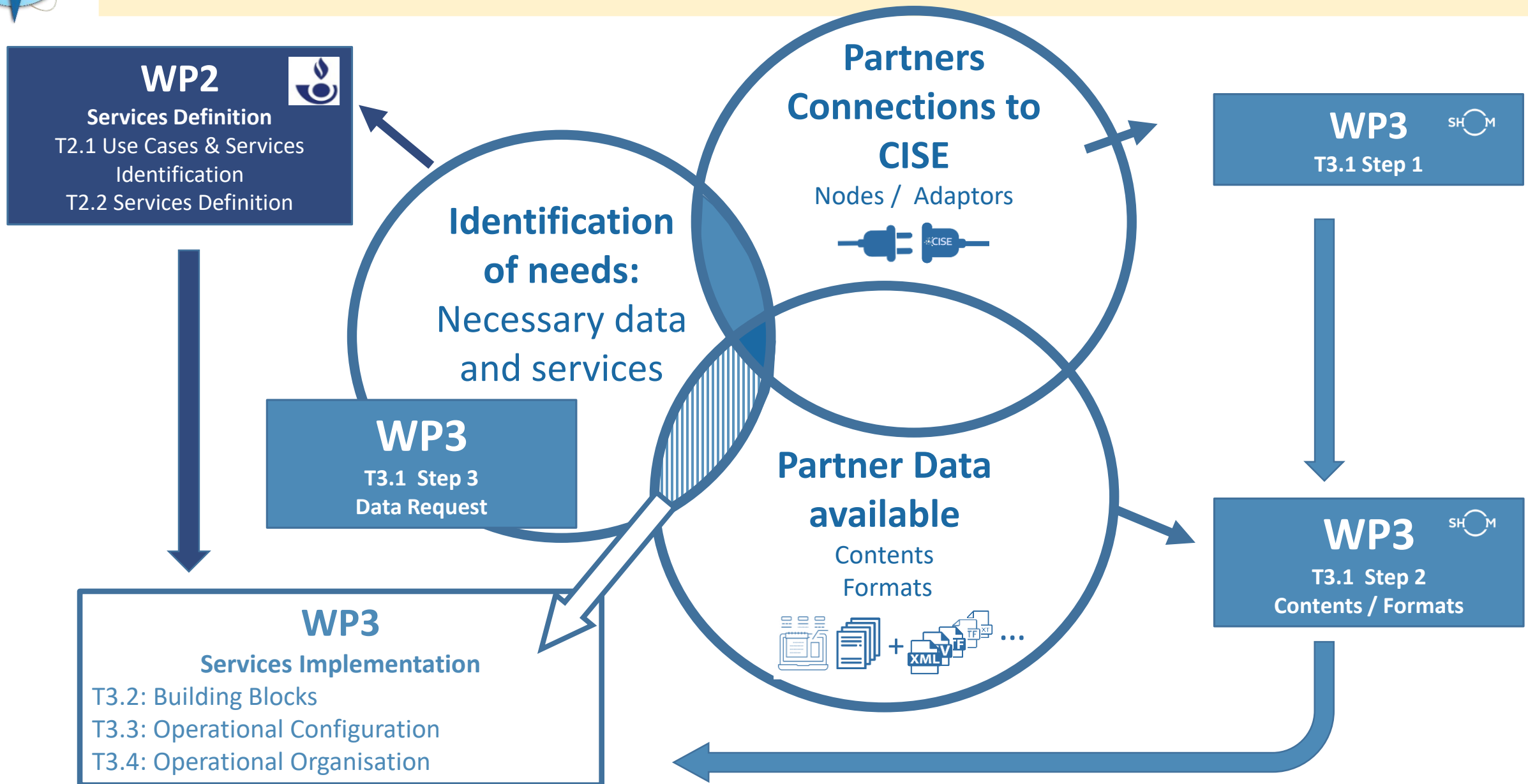
WP6
Show Case Event

WP7
Communication & Dissemination

Space for Institutional
Logo/s



Gap analysis for the implementation of services

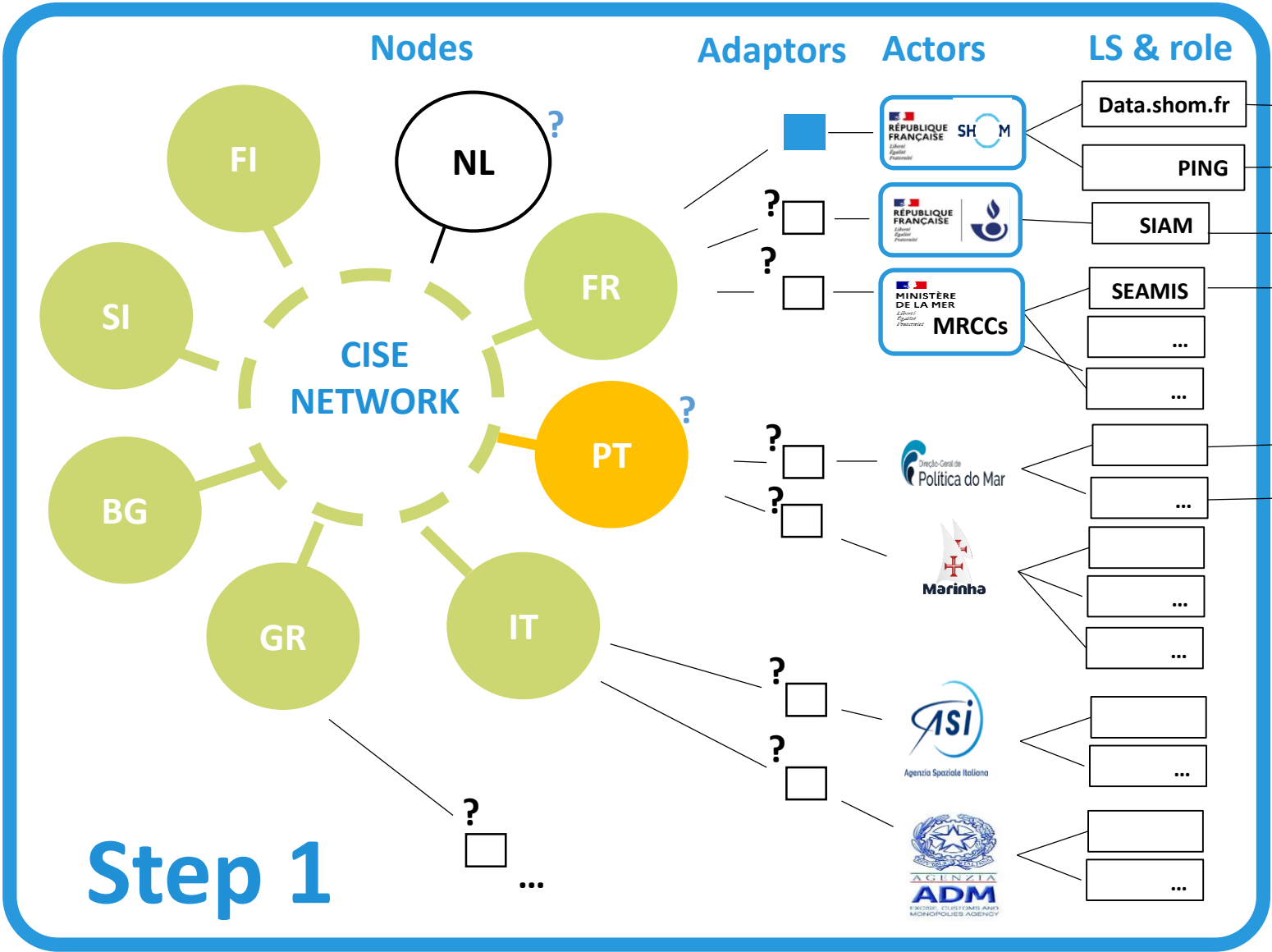




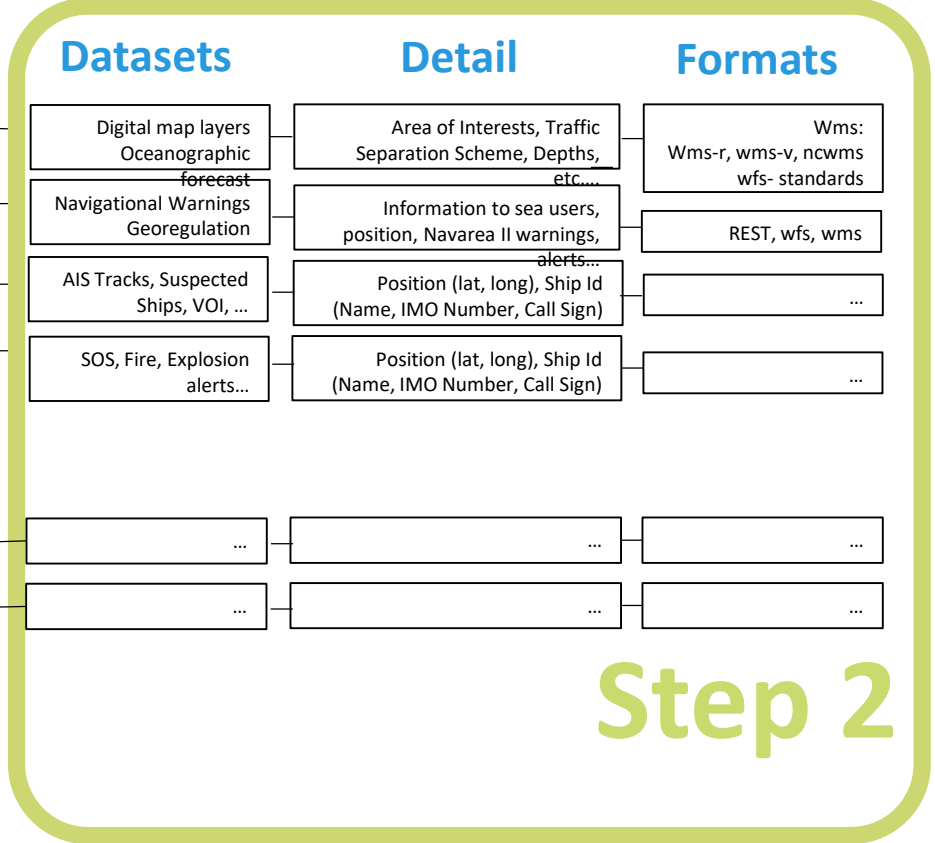
Map the existing to assess what is required



Creation of a CATALOGUE



Step 1



Step 2

- Node V2 installed
- V2 under installation
- Operational Adaptor
- Adaptor required



Building a CATALOGUE

Collection of contents / requests

1) DATA PROVIDED - Step2													
Data AVAILABLE shared by PROVIDERS						Partners interested							
MS	Stakeholder	LS	CISE Service (WP2)	CONTENTS	Format	# 1	# 2	# 3	# 4	# 5	# 6	#...	

2) DATA Request – Step3 (1)													
EXISTING Data REQUESTED (available among partnership)						Partners interested							
MS	Stakeholder	LS	CISE Service (WP2)	CONTENTS	Format	# 1	# 2	# 3	# 4	# 5	# 6	#...	

3) DATA EXPECTED - Step3 (2)													
MISSING Data (wishlist): what and where from?						Partners interested							
MS	Stakeholder	LS	CISE Service (WP2)	CONTENTS	Format	# 1	# 2	# 3	# 4	# 5	# 6	#...	

4) SERVICES EXPECTED FOR USE CASES => service identification (from WP2)							Reconciliation / Ventilation						
Services to install/develop						Partners interested							
MS	Stakeholder	LS	CISE Service	CONTENTS	Format	# 1	# 2	# 3	# 4	# 5	# 6	#...	

Gap Analysis

1 Technical requirements



2 Data requirements

