

## **IMP meeting**

### **Agenda item 3**

## **Current status of the NSW prototype**

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**Piraeus, 2 April 2014**

## IMP Study Background

- Commission Implementing Decision of 12.3.2012 concerning the adoption of the IMP work programme
  - Action 3.1 of IMP Work Programme: "Evolution of SSN"
- **Delegation Agreement between the Commission and EMSA**
- **EMSA to undertake two main actions:**
  - a. Feasibility study to investigate the possibilities and restrictions of SSN as a platform which could be of benefit to other user communities, also in the context of a future CISE...
    - **"IMP Study"** contracted May 2013, Final Report March 2014
  - b. Evaluate and demonstrate a simplified single window at national level and its interfaces as required by the Reporting Formalities Directive 2010/65/EU (**IMP Demonstration Project**)
- **Steering Committee composed of EMSA, MARE and MOVE**

## Demonstration Project overview

- Focus on the obligation to set-up a **single window** at national level for reporting formalities and the exchange of information (based on Directive 2010/65/EU) with different user communities (border control, waste authorities, security, port, health etc.)
- Design and implementation of a **prototype** that will test the information flows between:
  - the ship data providers (shipping agents and companies) and the NSW
  - the NSW and national authorities
  - the central SSN system and the NSW
- In collaboration with **6 participating MS**
  - IT, GR, BG, RO, MT, NO

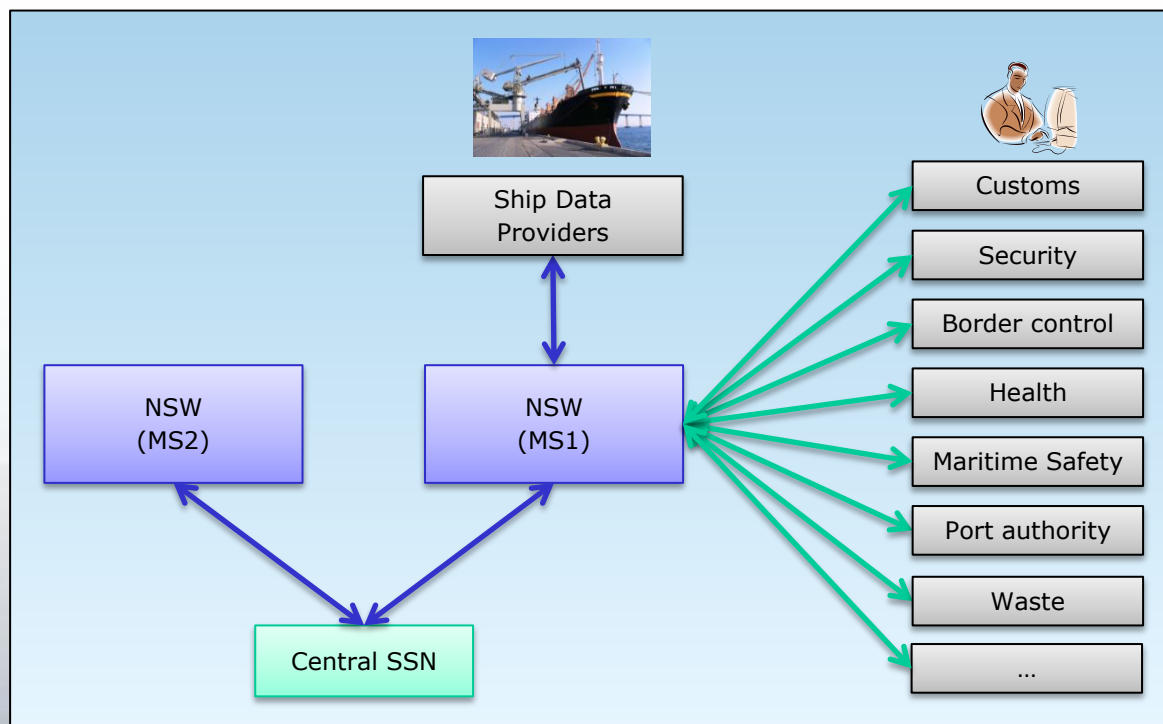
## Project limitations

A generic implementation of NSW will be implemented:

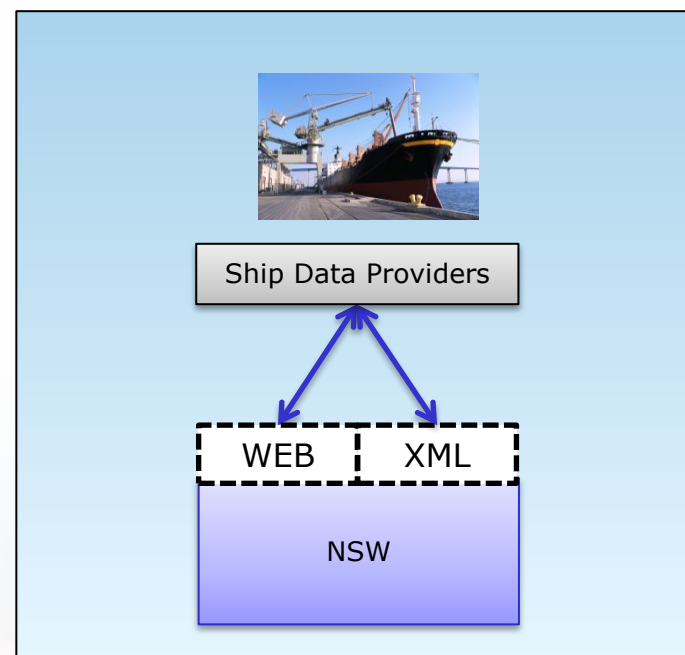
- A unique NSW will be built at national level, which distributes the information to the relevant national and local authorities.
- The interface with port community systems will not be implemented.
- The NSW will be interfaced directly with the central SSN system.
- Authentication of users will be supported by the NSW.
- Data exchange mechanism between the ship data provider and the NSW will be based on ISO 28005 standard

## The NSW prototype

- Unique NSW system per MS communicating with simulated central SSN system supporting IMP
- Based on the work of the **eMS group**



- Design
  - First WS with participating MS 17-18 July 2013
  - Agreed on list of “Leading Principles” with MS
- **1<sup>st</sup> version** of prototype
  - Interface to ship data providers
  - Hosted by EMSA (temporarily)
  - Released 10 October.
  - Test phase from 10 Oct to 1 Nov 2013
  - Second WS 11 November
- Test findings were gathered
  - Issues were corrected in the NSW system
- NSW prototype **available to other MS**
  - DE, EE, FI, FR, PL, SI, HR, DK

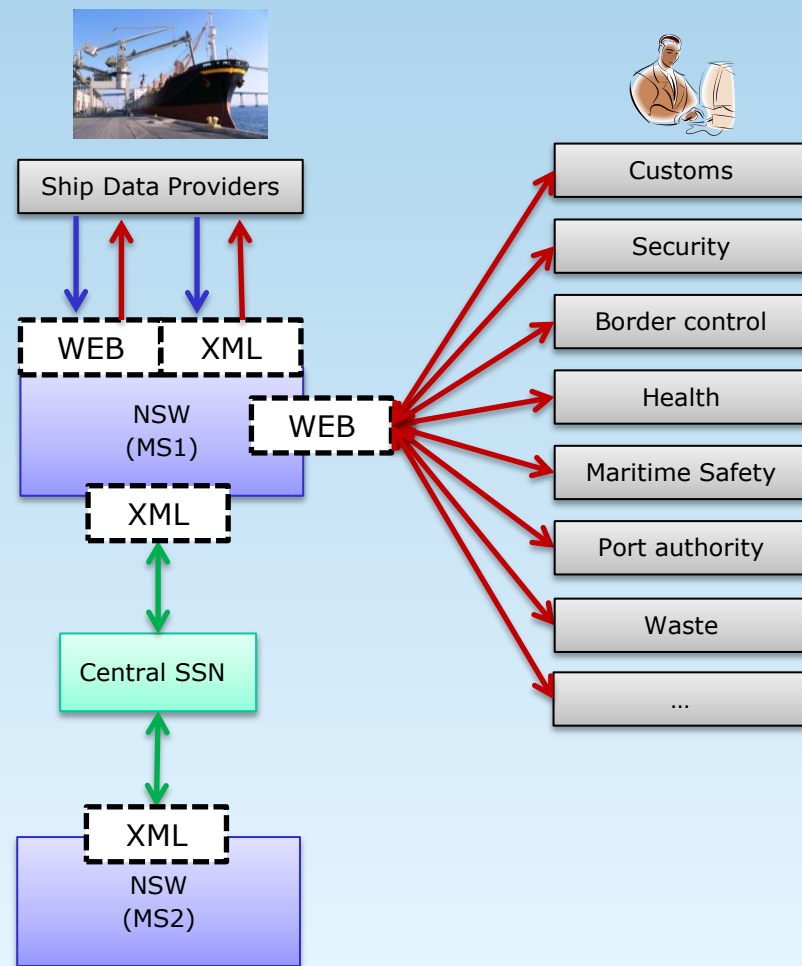




## 2<sup>nd</sup> version of the prototype

- **From 3 Feb to 21 March 14**

- Interface to authorities to consult the information submitted by the ship data provider
- Decisions from authorities are communicated back to ship data providers
- Hazmat, Security and Waste data exchanged via SSN



## Phase A: Open issues

- Additional improvements within Phase A based on:
  - feedback received from testers
  - tests by eMar project (system2system interface)
- Technical analysis regarding integration of the prototype at national level
  - Interfaces with authorities' systems
  - Interfaces with port community systems
  - Interfaces with national SSN systems
- Questionnaire sent to each MS in February
- Identify further developments of the system interfaces of the NSW from results of questionnaire
- Use of prototype's modules by MS (?)
- Hosting by participating MS (?)
- Phase A of project planned to terminate on 28/4/2014 (?)