Clustering the Motorways of the Sea in the Mediterranean Area
BUILDING THE FUTURE!

Genoa, Italy, 28th February - 1st March, 2011

ITALIAN DIGITAL AGENDA:

“The Value and Opportunities for the Digitalisation of the Marine and Maritime Sector in Implementing European Directives on the Ports Interoperability”

Virginia Dagostino
Contents

• e-Government: actors and regulatory tools
• Interoperability & standards
• Interoperability in the Maritime Sector
• e-Government: some hints
• How to achieve Interoperability at European level in the Maritime Sector?
• Demonstrators
e-Government: actors

- Ministry of Public Administration and Innovation

- Department for the Digitalisation of Public Administration and Technology Innovation (DDI) (political responsibility for e-Government)

- DigitPA (D.lgs n. 177/2009), the National Agency for the Digitalisation of Italian Public Administration (responsible for the implementation of national e-Government initiatives)

Mission of DigitPa: to generate **value for citizens and enterprises** through an efficient Public Administration thanks to the use of ICT

- Italian Regions (determine their respective e-Government action plans with the technical support of DigitPA)
e-Government: regulatory tools in Italy

**Digital Administration Code (CAD)**
- D.lgs n. 82/2005 modified by D.lgs n. 235/2010

- **Fixed deadlines & technical/administrative rules for:**
  - electronic documents’ filing & workflow
  - transactions between citizens/enterprise & Public Administration
  - removal of (un-necessary) paperwork
  - sanctioning/rewarding improper/proper behavior of Public Adm.
Interoperability

- **CAD: Interoperability** = “applicative cooperation” between citizens/enterprises and public administrations

- **CAD** is harmonized with the **EU Digital Agenda (COM(2010) 245)**

- Different ICT systems need to be “sewn”
  - at national level (e.g. E-health systems of Italian Regions)
  - at EU level

  to achieve interoperability, standards are necessary
Interoperability standards

Based on:

“Catalogue” of ICT “elements” (standard LEGO bricks)

Performance (not prescriptive)

Such “lego bricks” need to be

- defined
- identified
- catalogued
Interoperability in the Maritime Sectors

EU legislation in the Maritime Sector:

1. 2010/65/EU Directive
2. 2010/40/EU Directive
3. EU Digital Agenda (COM(2010) 245)
4. EU Flagship Initiatives

→ to increase the competitiveness of a vital sector in order to achieve sustainable mobility

→ this concept is in line with the Minister of Public Administration and Innovation’ policy, the PTNM (Italian Marine and Maritime Technology Platform; http://www.mit.gov.it/mit/ptnm) & the EU Waterborne TP (Technology Platform)
e-Government: some hints

- "demand driven" and not "technology driven"

- interoperability between ICT systems of:
  
  * Public Administrations (PA) ➔ IMPORTANT
  
  * Private operators and PA ➔ MORE IMPORTANT

- Time to deploy (R&D time is over; we invested enough): progressively in real operational context

- based on a realistic technological “profiling” of users
How to?

it is necessary to ensure **full interoperability (federation of ICT systems)** within public administrations at different levels (central and local), with the co-operation of private networks, whenever needed.

- new global system? ➔ NO; BUILD UP rather than Re-BUILD
- 100% paperless? ➔ NO; avoid un-necessary paper

Demonstrators & Pilot applications are A MUST
is it worthwhile?

ICT public spending by PA in Italy

- ICT for central administration: 1.7 B. Euros/year
- ICT for local administration: 1.7 B. Euros/year
- ICT for health: 1.7 B. Euros/year

% savings thanks to interoperability = 10 – 20% +

Savings in private sector thanks to more efficient PA = ?