



technology and outsourcing



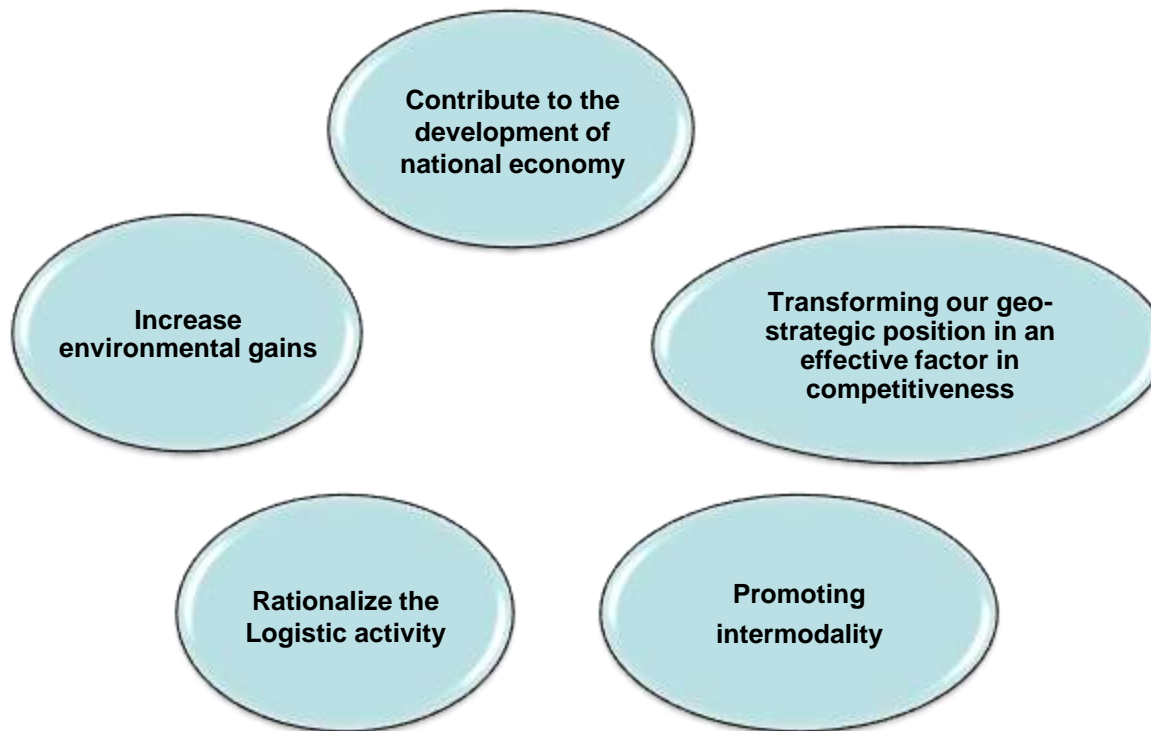
A Single Window for Logistics



ÂMBITO: "Concepção, Design, Desenvolvimento, Consultoria e Outsourcing para projectos de Software e Hardware"

Portugal Logístico - Program

Five key aspects set by Portugal Logistics program :



Portugal Logístico - Program

Main objectivs

National Urban Platforms	<ul style="list-style-type: none">• Energize the economic activity of the Country• Rearrange the logistic system and transport flows
Port Platforms	<ul style="list-style-type: none">• Strengthen the port activities and expand its influence area, particularly into Spain• Encouraging intermodality and the use of rail and maritime transport of goods
Transfrontier Platforms	<ul style="list-style-type: none">• Energize the regional economy• Attract Spanish industrial investment• Expand the interland of national ports
Regional Platforms	<ul style="list-style-type: none">• Ensuring the cohesion of logistic network• Rearrange the logistic system and transport flows

A Single Window for Logistics - LSW

"The success of all the logistic platforms also depends on their e-support info-structure, in particular the facility of customs clearance of goods"

A Single Window for Logistics - LSW

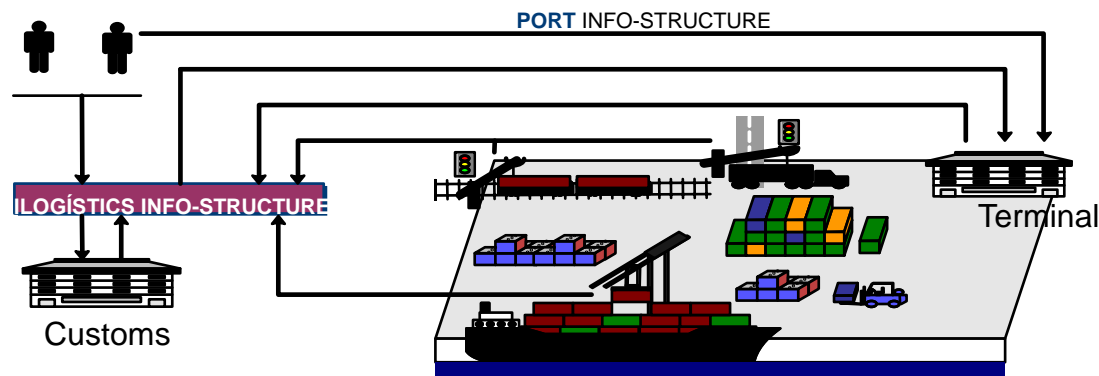
“Therefore all logistic platforms shall be interconnected by an IT system similar to what is provided in domestic ports incorporating the customs and other administrative permissions to the export and import of goods in the country”

“The establishment of a Logistics Single Window is consistent with the procedures for administrative simplification given by Government”.

A Single Window for Logistics - LSW

Target

- Strengthen the network effect of multiple platforms
- Info-structure support which will connect all network platforms, incorporating the customs and other administrative permissions to the export and import of goods into the country
- Consistent with the process for administrative simplification given by Government.
- Challenge to innovation and technological development



A Single Window for Logistics - LSW

**Vision of
Jcanão
for components
and services of
the
LSW**

- Standardizing at national level the processes and procedures
- Providing a Web platform for all Stakeholders
 - Availability / supply of services (example: Booking online)
 - The documents transaction must be in electronic format, according to international standards with electronic signatures
 - The customs warehouses control (the information exchange in electronic format);
- E-procurement
 - Comparing and evaluating transport alternatives
 - Purchasing of services
- Systems Integration
 - LSW Platform with *stakeholders systems*
 - LSW Platform with SPW – Single Port Window
 - LSW Platform with Customs
 - LSW Platform with E-Freight (exchange of documents for aerial cargo)
- *Tracking and tracing of goods*
- Providing the software to stakeholders under SaaS (Software as a Service)
- Systems for monitoring and auditing performance indicators and services

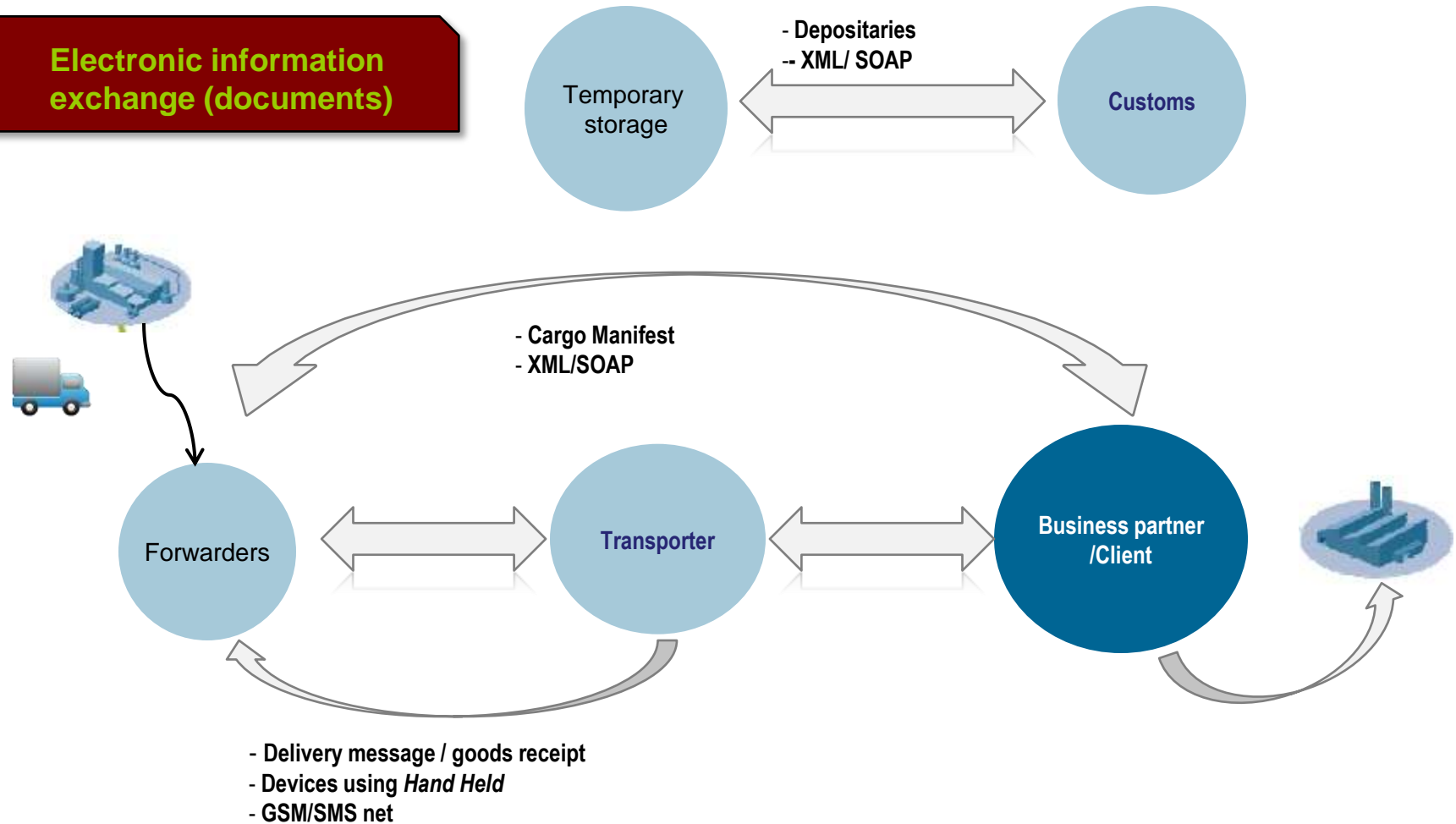
A Single Window for Logistics – LSW

JCanão Projects / Systems in Logistics Chain

- JCanão currently has multiple projects / systems under way or completed in different sectors in the logistics chain
 - ERP – Logistics
 - Forwarders - Land, sea and air transport chain with E-Freight emphasis
 - Shipping Agents - Maritime transport chain integrations between the Single Port Window and the Customs System.
 - Port Operators/Dealers - Customs deposits and integration with Customs system.
 - Container terminals - Container terminal management with entrances control and related movements of containers and vehicles.
 - ERP – Financial management
 - Web Portals and Intranet Service's
 - Knowledge Management;
 - Other integrable systems with a suite of products such as Document Management, Human Resources, among others

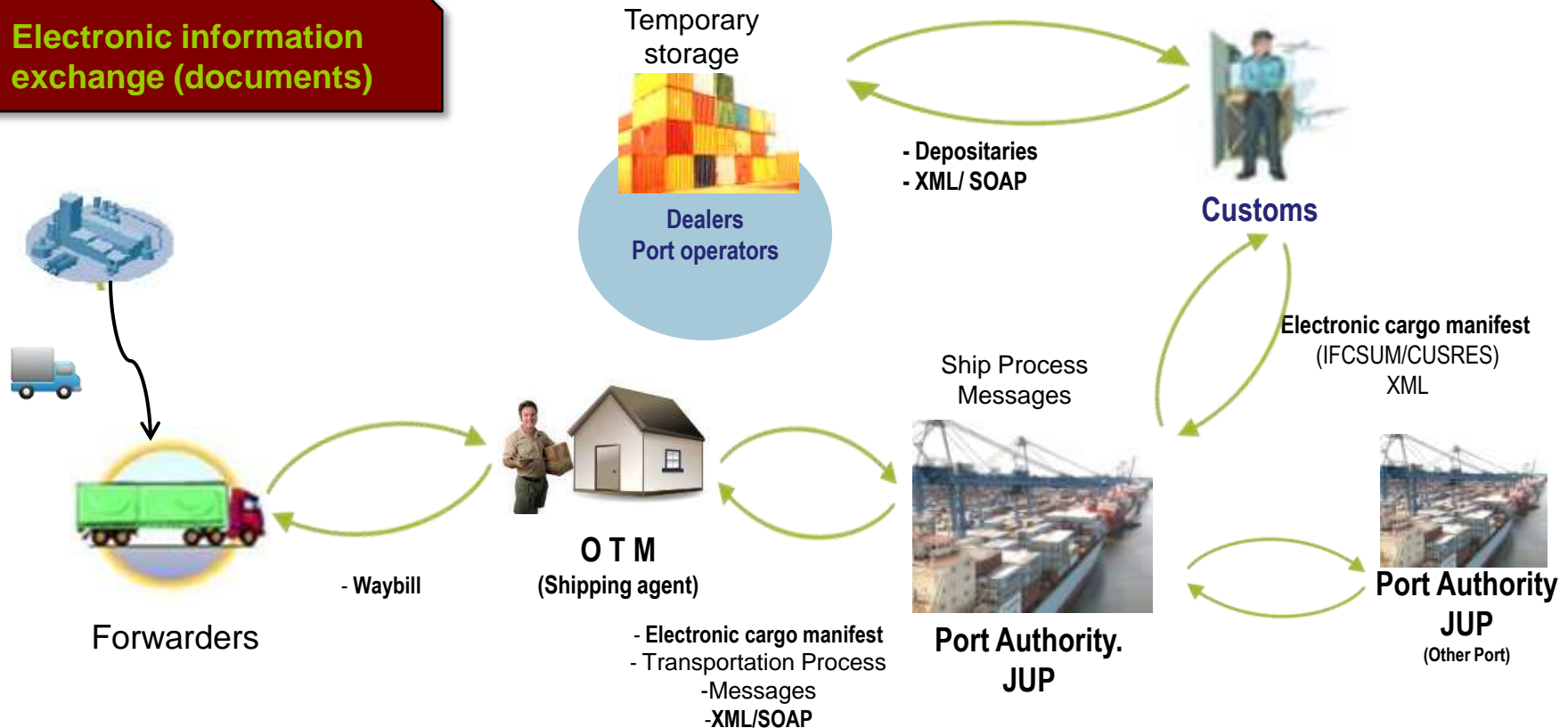
A Single Window for Logistics – LSW – Road chain

Electronic information exchange (documents)



A Single Window for Logistics – LSW – Sea chain

Electronic information exchange (documents)



Technologies in the Supply Chain

- Use standard messages (International and national standard level)
- Provide and operate an information system with the possibility of Interaction with other IT systems
- Accessibility via Web Browser or Mobile Device (Hand Held)
- EDIFACT, XML e e-bXML
- Web Services
- HTTP/SOAP
- RFID, GSM, Wireless
- GPS
- Optical scanner.



Use of Technology - Advantages

- Simplification of procedures and dematerialization of documents;
- Systems are available 24h x 7 d/w – AWEW (Any Where Every Where);
- Reducing time of internal processes treatment
- Reducing the amount of used paper;
- Efficiencies and productivity;
- Decrease in time to clear the goods;
- Speeding up the entire logistics chain;



Use of Technology - Advantages

- Standardization of documents at international level
- Increased exchange and sharing of information using typified messages
- Integration of systems within the logistics chain
- Digital signatures for documents authentication
- Real time control of the entire logistics chain



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