

Inter-organization Information Systems in Cross Border Trade:

- Towards an open Single Window Environment -



In this presentation...

- ❑ Evolution of the Single Window concept
- ❑ Inter-Organization Information Systems (IOS)
- ❑ Common Single Window Environment
- ❑ Framework for collaboration for IOS and Single Window



UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE

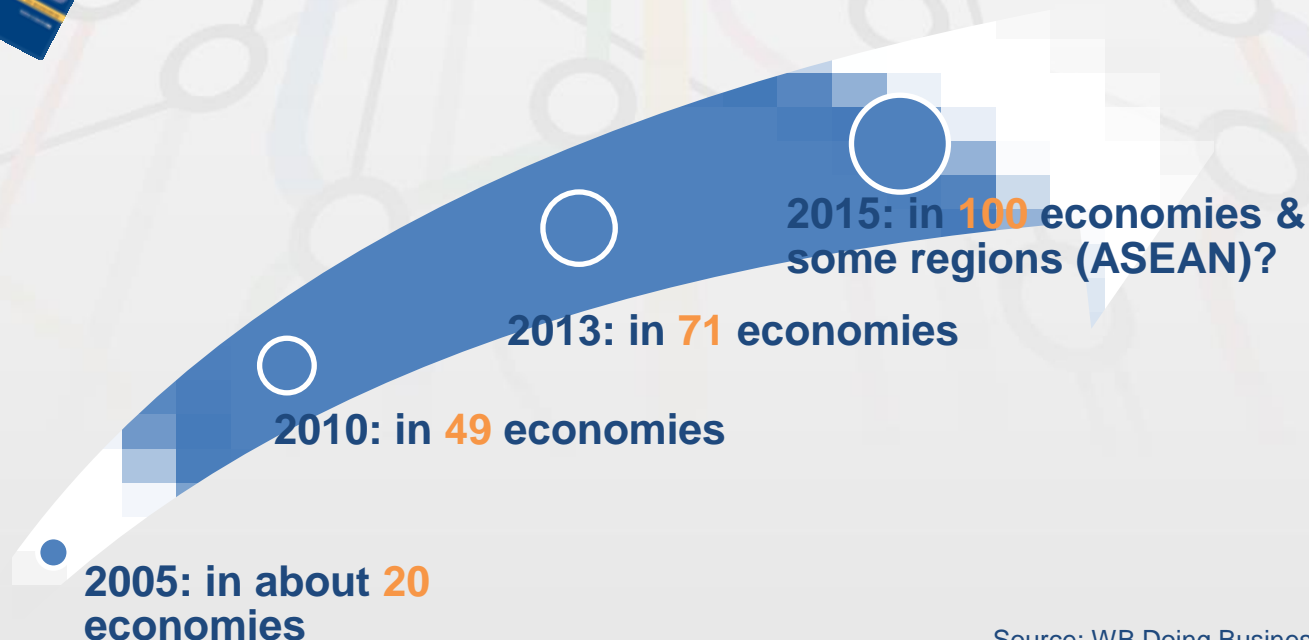
**Trends for collaboration
in international trade:**
Building a common Single Window Environment



Single Window Implementations



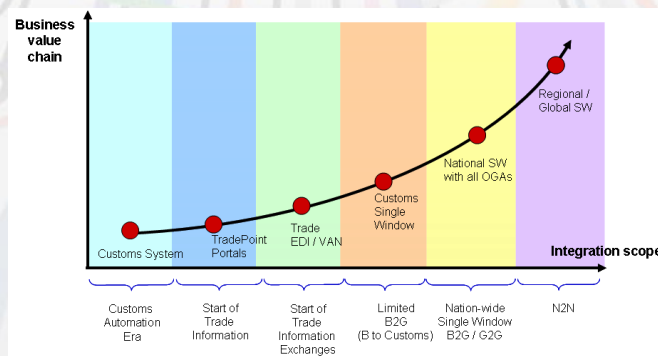
“ Single Windows (SWs) are important **drivers** for the **simplification, harmonization and automation** of trade procedures”



Source: WB Doing Business Report
2012/2013, UNECE-UN/CEFACT
2005/2011

Single Window Evolution

Phased development of Single Window



- ❑ Different systems evolve towards a Single Window
- ❑ Each country has different parameters and objectives
- ❑ SW is different in each country
- ❑ *How can we achieve collaboration and information exchange in cross border supply chains in the future?*

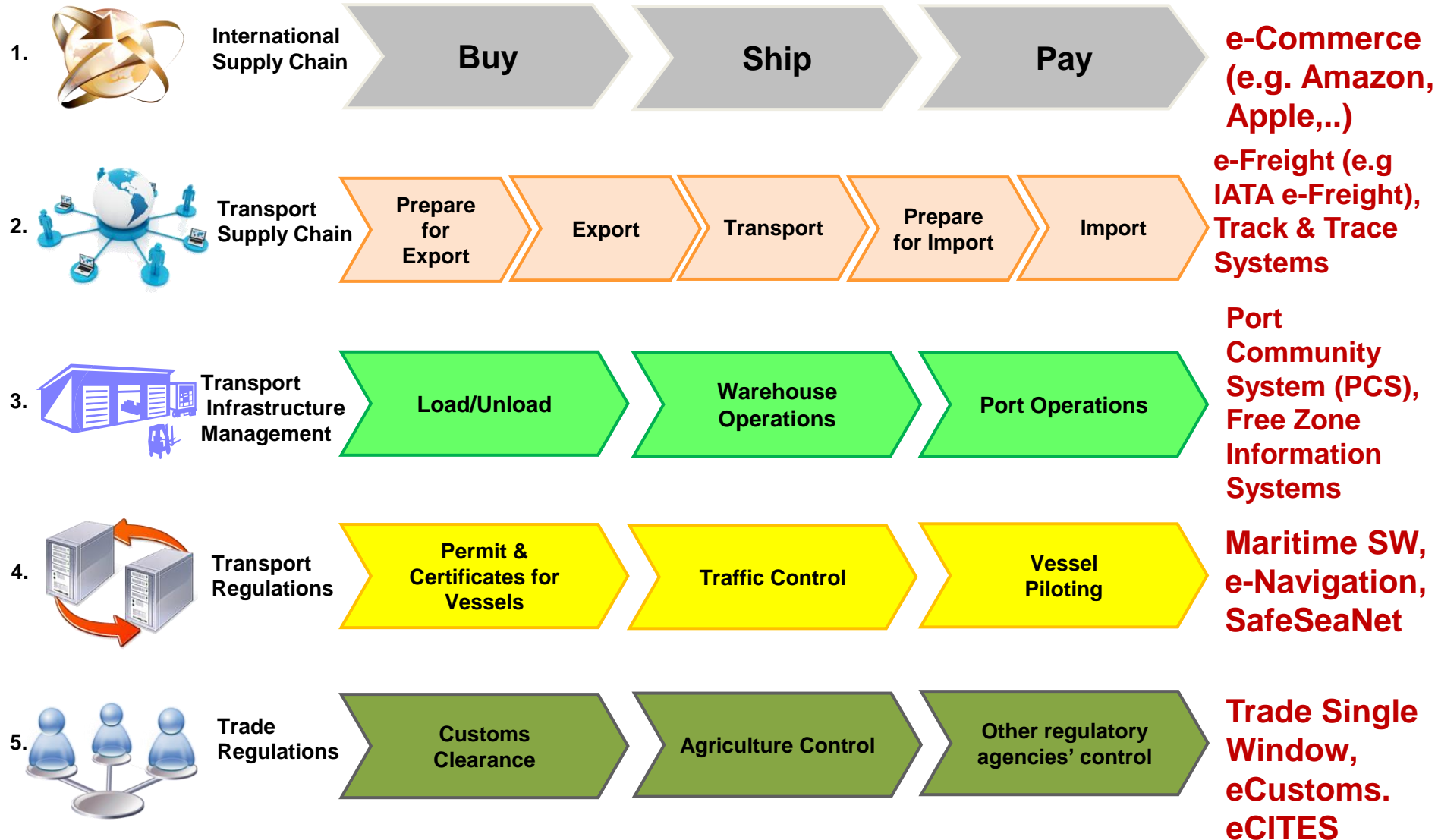
Collaboration in international supply chains: IOS and Single Window

- ❑ **In Europe: Emergence of Inter-Organization Information Systems (IOS)**

IOS: A system for collaboration and information exchange among independent stakeholders in international trade

- ❑ **Example: Port Community Systems, eCustoms, electronic transit systems, eFreight, ..**
- ❑ **Trade in advanced economies now uses many, highly specialised collaborative systems**
- ❑ **IOS have become crucial for efficient cross border trade**

Layers of IOS in advanced economies



Towards collaboration in the supply chain

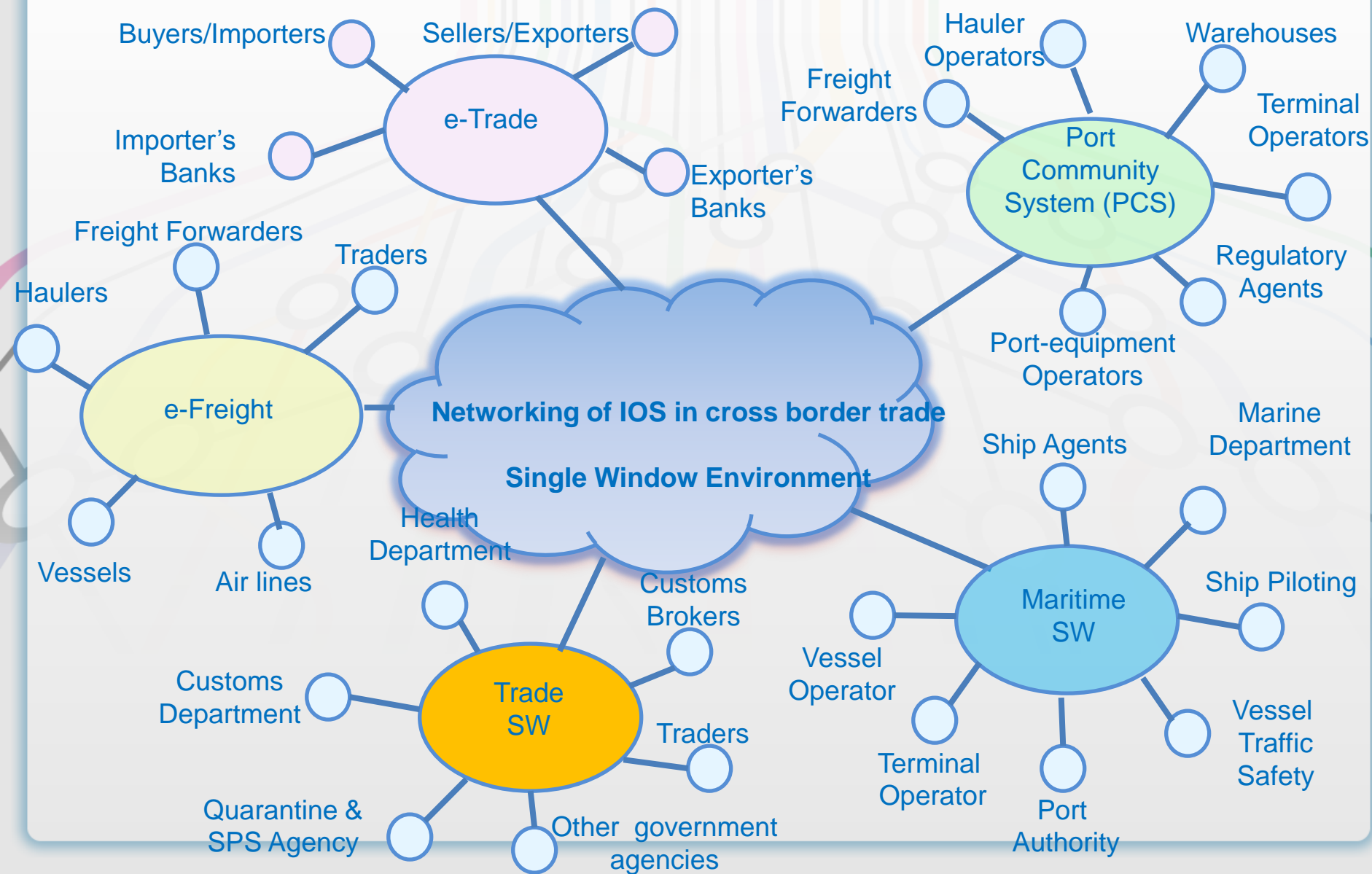
Characteristics of IOS:

- ++ focussed, limited number of stakeholders, fast implementation, dynamic, ..
- bottom-up, limited service offer, lack of synergies and collaboration with other IOS, little recognition on the Government level, ..

IOS evolution:

- ❑ Emergence of collaboration and networks among the IOS
- ❑ The combined services of the IOS in this network can deliver high value added services for the trade community
- ❑ A network of IOS can deliver a *Single Window Environment* for trade

Future: A Network of IOS for efficient cross-border trade



What could be a suitable framework to encourage IOS collaboration?

Lacking: a Framework for collaboration between IOSs and Single Windows:

Proposed:

- Develop a best practice framework for agreements between IOS**
- Two IOS could use this framework to negotiate the specific agreements for their collaboration**
- Initial draft for such a Framework in the background paper *“Principles of engagement and best practice for trading in an Open Single Window Environment”*,**

Agree on
collaboration:

Legal terms,

Process &
Data structures,
Security

Single
Window

Port
Community

Summary and Recommendations

- ❑ Governments should **continue** to simplify and automate trade procedures under a national **Trade Facilitation & Single Window Strategy**
- ❑ Governments should **assess possible gaps** in the development of **IOS systems** in their countries, in particular with regard to transport infrastructure management and transport regulations
- ❑ Governments should encourage **collaboration of IOS and Single Window** systems with the objective to
- ❑ ..create a **Open Single Window environment** that delivers integrated and high value added services to trade
- ❑ To this end, Governments should **develop a framework agreement** for IOS collaboration in international trade.

Thank You

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