

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

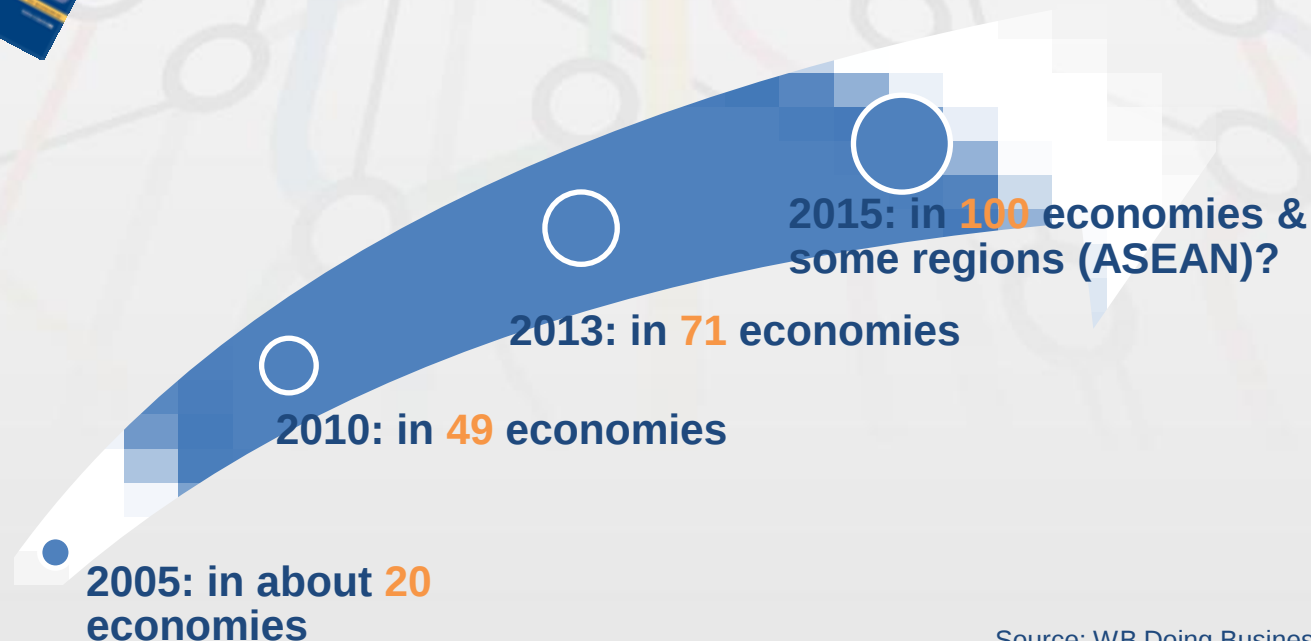
**Trends for collaboration
in international trade:**
Building a common Single Window Environment



Single Window Implementations



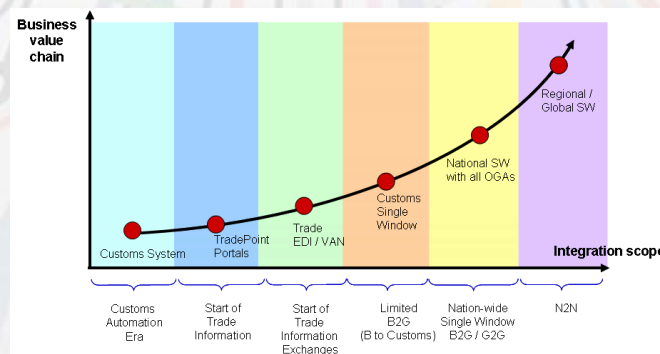
“ Single Windows (SWs) are important **drivers** for the **simplification, harmonization** and **automation** of trade procedures”



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?*

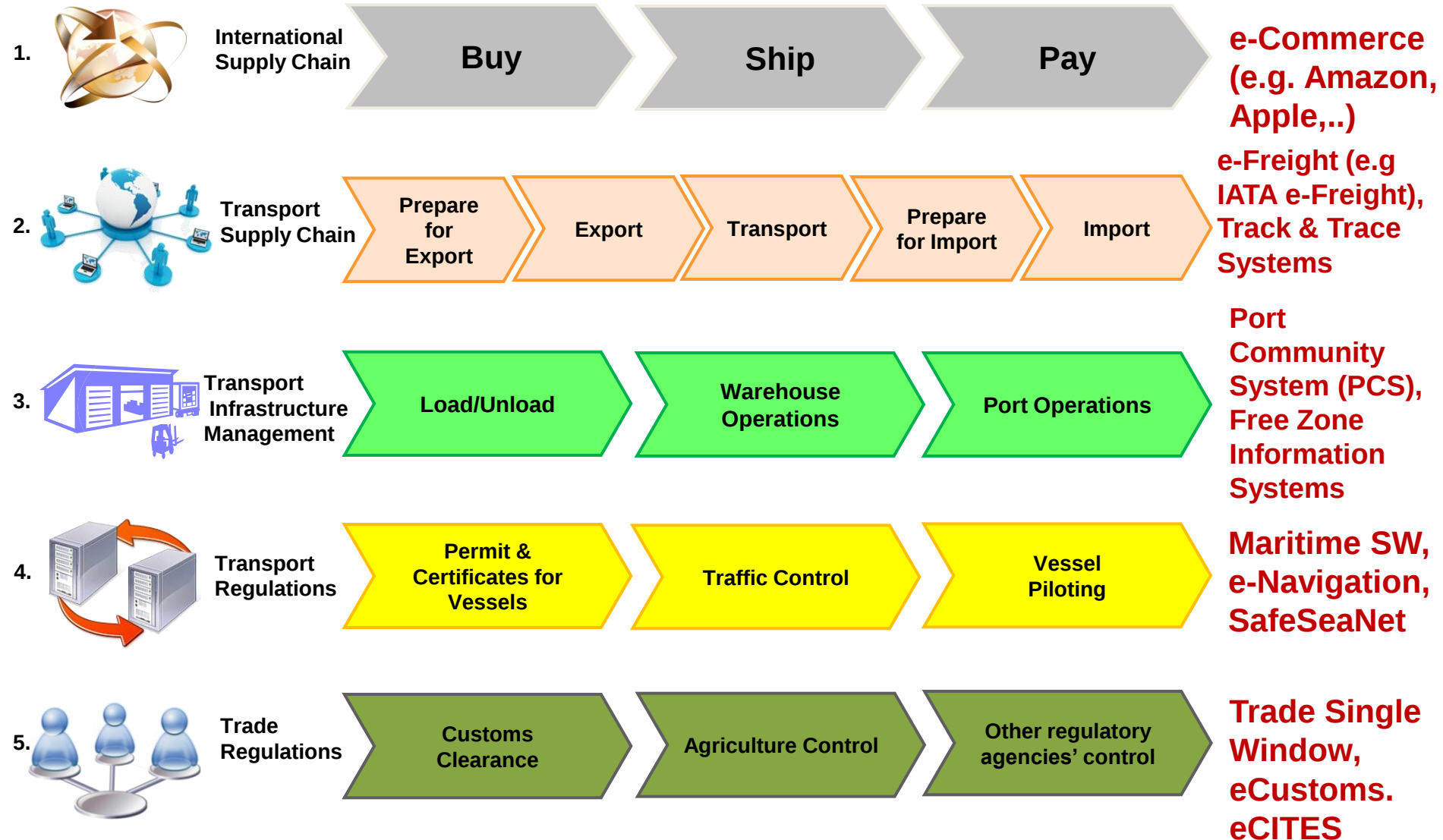
Collaboration in international supply chains: IOS and Single Window

- ❑ **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

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_6403

