INTERNATIONAL MARITIME ORGANIZATION

IPCSA
International Port Community Systems Association

Seminar on making cross-border trade simpler:

"Values and benefits of a Port Community System, links to Single Window and WTO Trade Facilitation Agreement"nt

Thursday, 11 April 2019 from 14:00 to 17:30
IMO Headquarters, London

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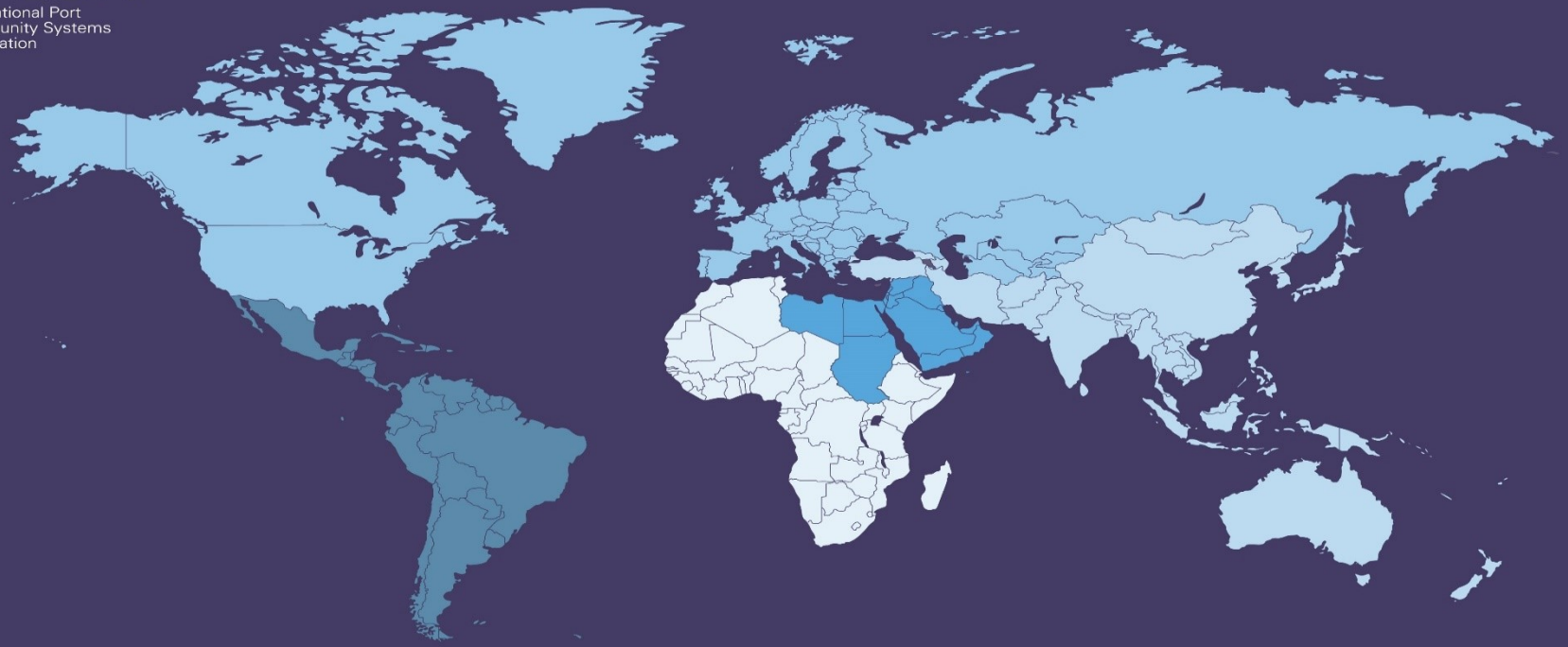

Richard Morton,
Secretary General, IPCSA

Current Driving Forces

WTO Trade Facilitation Agreement

- December 2013 - WTO members concluded negotiations on a Trade Facilitation Agreement
- 22nd February 2017 - The TFA entered into force once two-thirds of members have completed their domestic ratification process.
- The TFA contains provisions for expediting the movement, release and clearance of goods, including goods in transit.
- It also sets out measures for effective cooperation between customs and other appropriate authorities on trade facilitation &customs compliance issues.

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WTO Trade Facilitation Agreement

- 3 articles consisting of 23 sections – At least 8 relate to IT connectivity

Section I

Art.1 Publication and availability of information
Art.2 Consultations
Art.3 Advance ruling
Art.4 Appeal/Review procedures
Art.5 Other measures for transparency etc.
Art.6 Fee, Charges and penalty
Art.7 Release and Clearance of goods
Art.8 Border Agency Cooperation
Art.9 Movement of goods intended for import
Art.10 Formalities
Art.11 Transit
Art.12 Customs cooperation

Section II
Special and Differential Treatment for Developing Countries and Least Developed Countries

- Rules about Categories A, B and C
- Assistance for Capacity Building
- Information to be submitted to the TF Committee

Section III
Institutional Arrangements and Final Provisions

- Committee on Trade Facilitation
- National Committee on Trade Facilitation
- Final provisions

Source: www.tfafacility.org/trade-facilitation-agreement-facility

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TFA Links to Single Window

Article 10.4 Single Window

4.1 Members shall endeavour to establish or maintain a single window

4.2 "single submission of information"

4.4 ….use information technology to support the single window.

Section III - contains provisions that establish a permanent committee on trade facilitation at the WTO, require members to have a national committee to facilitate domestic coordination and implementation of the provisions of the Agreement

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UNECE

Suite of Single Window Recommendtions

Recommendation 33 – Single Window Recommendation (under revision)

Recommendation 34 - Data Simplification and Standardization for International Trade

Recommendation 35 – Establishing a legal framework for international trade Single Window

Recommendation 36 – Single Window Interoperability

Recommendation 37 – Single Submission Portal (awaiting approval)

Under Development

Core Principles of the Operation of Single Window

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Source: UNECE, Tom Butterly, IPCSA Conference, 1st June 2015

Single Window UNECE

Recommendation 33

Recommends Governments to establish Single Window for Cross Border Trade

Defining features:

- … **one time submission**
- ..of **standardized information and documents**
- **sharing of information** amongst government agencies**;**
- **coordinated controls and inspections** of the various governmental authorities;
- Allow **payment** of duties and other charges;
- Be a **source** of trade related **government information.**

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Source: UNECE, Tom Butterly, IPCSA Conference, 1st June 2015

Single Window is an environment and change management project, not an IT Project.

Clear Simple Steps for implementation (IPCSA view)

- Analyse the Processes
  - with industry input, what is needed and what is not.
  - Consideration of International Standards used by the industry
- Impact Analysis on industry (Benefits and Challenges)
  - Time, cost, economic impact
- Define Data Definitions and elements
  - Everyone has to speak the same language
- Process Engineering
  - Don’t digitise paper re-engineer the processes

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Emerging Trends in Trade Facilitation

- Whole Supply Chain Solution
  - Buy-Ship-Pay model of UN/CEFACT
  - Currently we have two separate streams these will merge

- Multiple Single Windows
  - Maritime, Customs, Health, Passengers, Crew etc.
- Increasing need for Port Community Systems
  - Link operational and administrative processes
  - Responsive to industry

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Differences

In general we can see some of the differences

- **Port Community Systems**
  - Focuses, generally, on Cargo and matching logistics flows with administrational flows and B2B, B2G and G2B processes
- **Port Single Window**
  - Focus is on Port Regulatory requirements for entry and exit of vessels
- **Single Window**
  - Collaborative environment bringing together public administrations to ensure traders only have to submit information only once for cross border trade (simplified view – see Rec 33, 34, 35,36 and also the associated technical documents of UNCEFACT)

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Single Window Integration with Port Community Systems

PCS can:

- Act as gateways to Single Window
  - e.g Maritime Single Window
- Be an integral part of a Single Window
  - e.g Trade Single Window (Benin, Togo, DRC Congo)
- Simplify interfaces for Administration
  - Translate from different message formats
- Provide paperless logistics flows in Sea and Air Ports and border crossings linked to administrative flows

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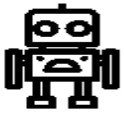
How to develop a Port Community System

The Twelve Actions

Full Publication at www.ipcsa.international/publications

Maritime & Ports Digital Evolution

Drones	Autonomous vehicles	Hyperloop
Internet of things	3D printing	Blockchain
Robots 	Augmented reality	Virtual reality
5G	Big Data	Machine Learning

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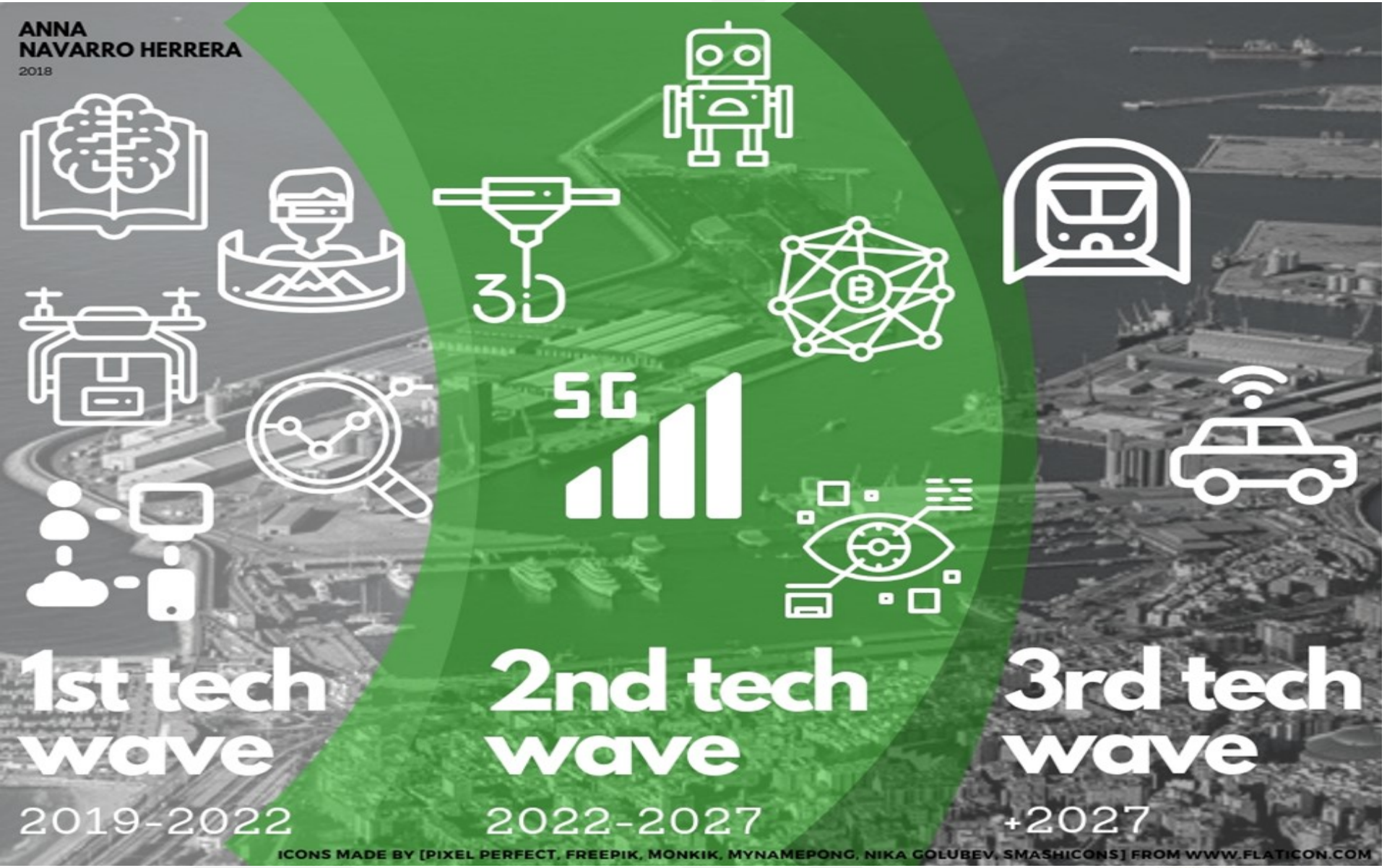
Reference: Study by Anna Navarro, Port of Tarragona, 2018

Maritime & Ports Digital Evolution



Reference: Study by Anna Navarro, Port of Tarragona, 2018

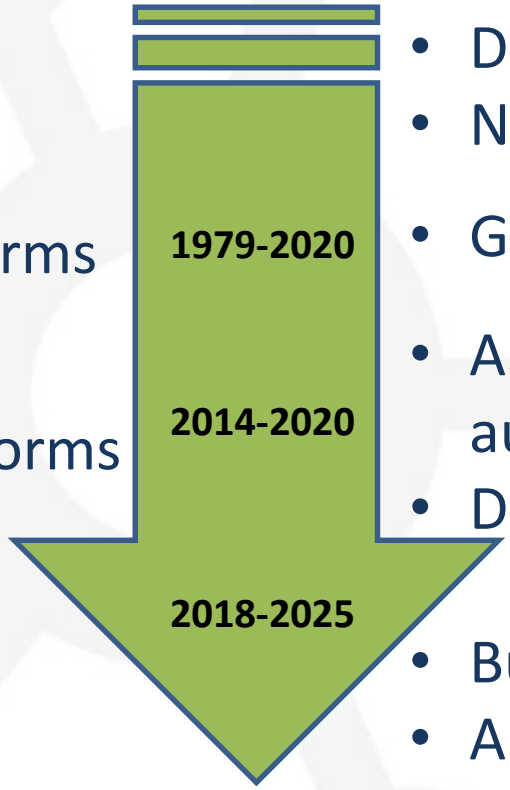
Evolution in Port Community
From data exchange platforms to business intelligence systems

Started late 70-ties

Data exchange platforms

Network of PCS platforms

Intelligence systems



- Data standards
- Neutrality & Trust
- Global implementation
- Authentication & authorization
- Data integrity
- Business intelligence
- Artificial intelligence

2030?

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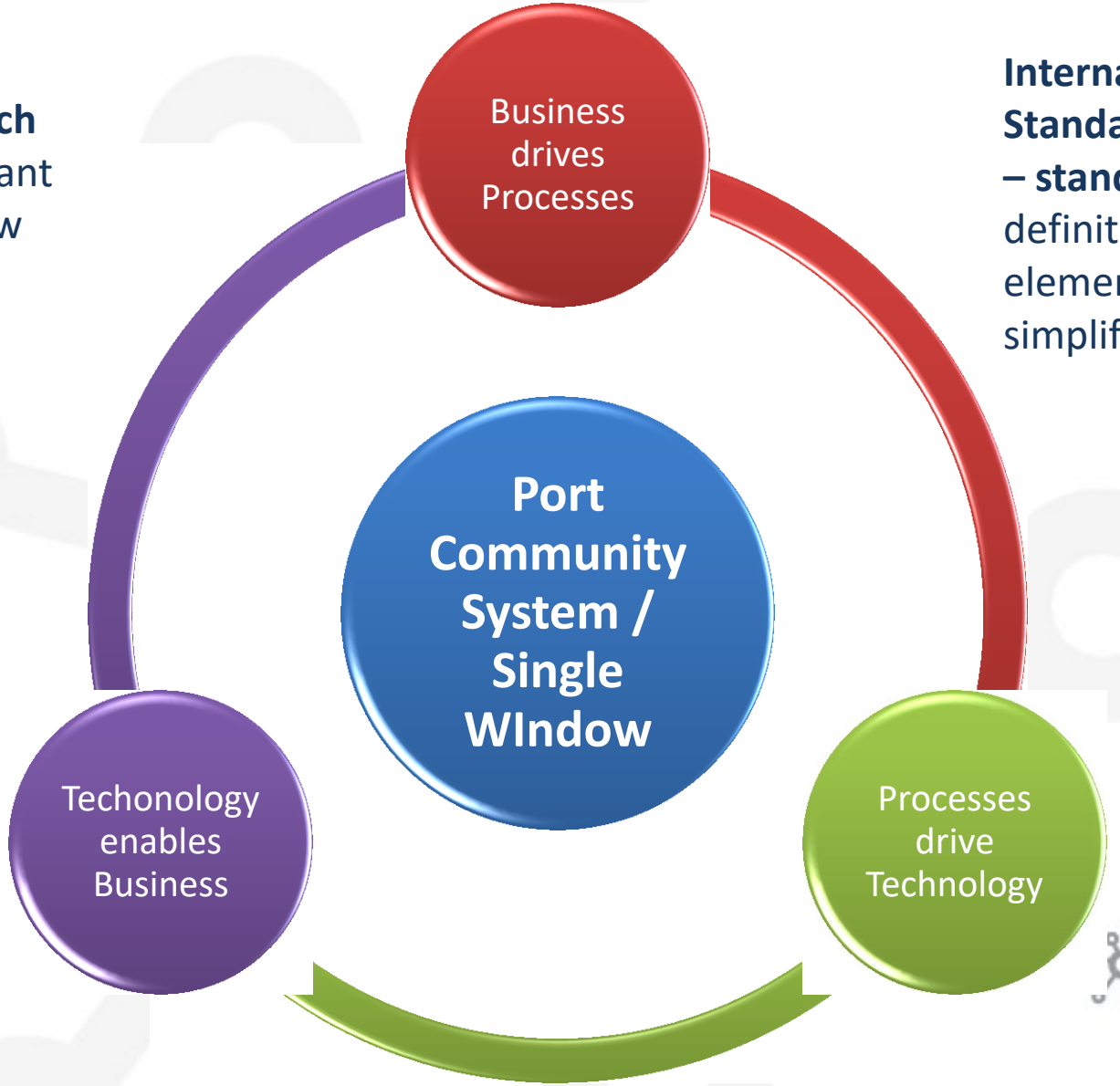
Concluding Thoughts

Technology Neutral approach – enables constant change with new and emerging technologies



International Standards approach – standard data definitions and elements enables simplified exchanges

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Richard Morton, IPCSA, Secretary General
E: richard.morton@ipcsa.international