



IPIC 2023

9th International
Physical Internet Conference

June 13-15, 2023
Athens, Greece



IPCSA

International Port
Community Systems
Association

International Port Community System (IPCSA)

13-15 JUNE 2023 Athens, Greece
www.pi.events/IPIC2023

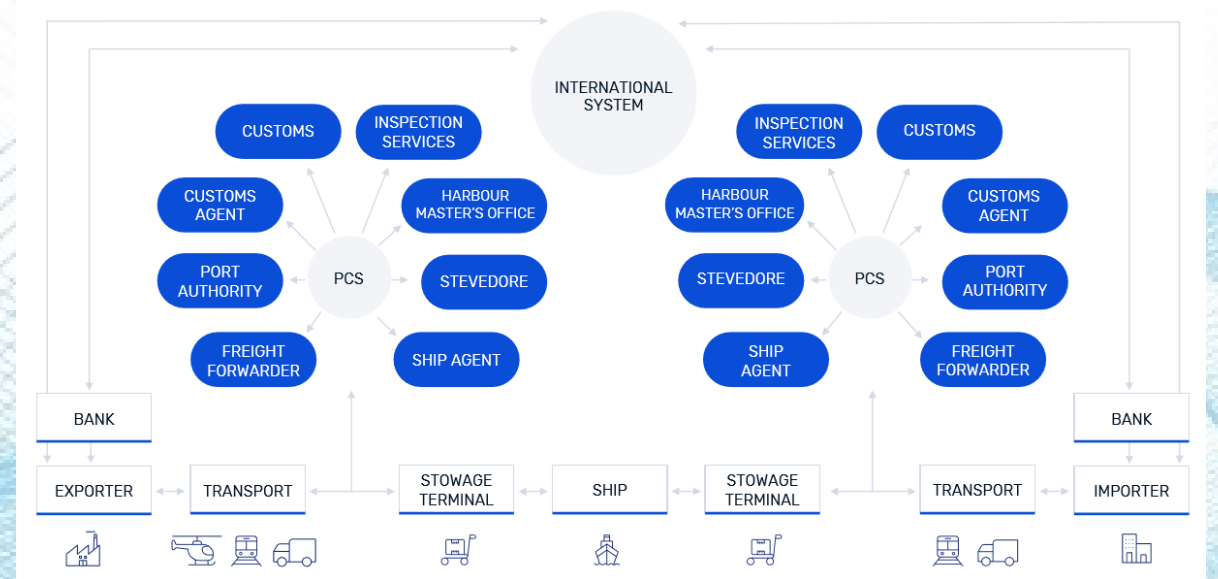
alice | Alliance for
Logistics Innovation
through Collaboration
in Europe



Expanding the logistics Scope

What's a Port Community System?

- “**Neutral** and **open** electronic platform enabling intelligent and secure exchange of information between public and private stakeholders in order to improve the competitive position of the sea and air ports’ communities.”
- It optimises, manages and automates port and logistics efficient processes through a single submission of data and connecting transport and logistics chains.”
- (quote from IPCSA)



IPCSA - A Community of Communitites



50 Members
operating in
over 50
Countries



Members
Operating in
excess of 500 Sea
Air Ports, Inland
terminals &
border crossings



Seaports,
Airports, PCS
Operators,
Single Window
Operators



Over 50bn
electronic
exchanges per
annum and
1.5m+ users



Covering
500m + TEUS
20bn + Tonnes
of cargo

IPIC 2023

Mission & Vision

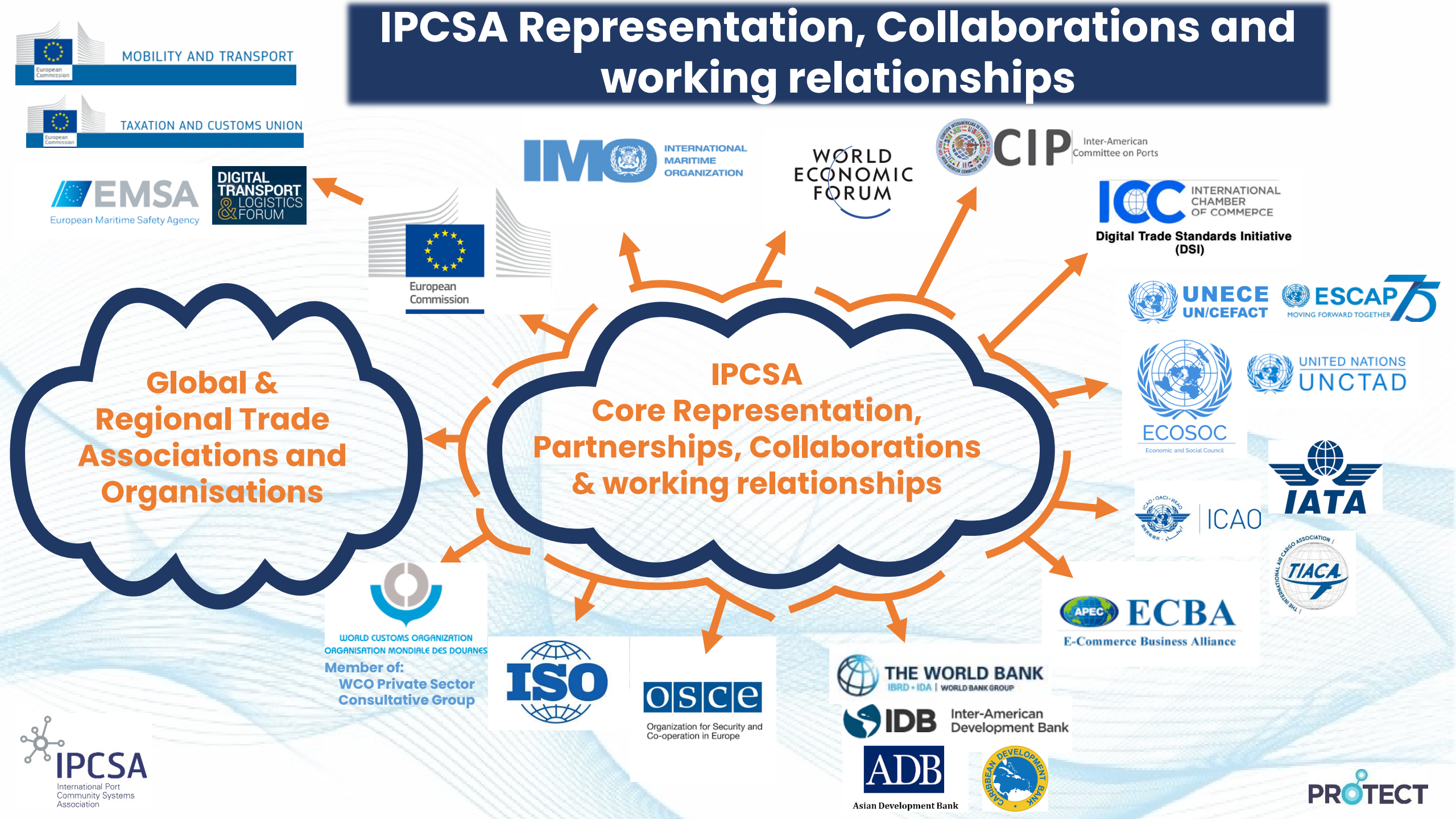
VISION

- The world needs **sustainable, secure** and **seamless** trade and logistics in order to thrive and prosper. Sharing more and better data throughout the supply chain is key in fulfilling this need.
- We believe that Community systems like PCS's and Single Windows play a vital role in the logistics digital ecosystem and can accelerate the adoption and scale of digitisation.
- We believe that IPCSA, as a neutral body, is needed to play an essential role in influencing the conditions for PCS and Single Windows to operate .

MISSION

Make sure that **Port Community System Operators (PCSO), Single Window Operators (SWO)** and **Sea and Air Port Authorities** are able to deliver the maximum value in global and regional trade & logistics by:

IPCSA Representation, Collaborations and working relationships





NETWORK

OF TRUSTED NETWORKS








































Connecting and sharing data globally between ports and cross border

Pilot Phase until Mid 2023

“Facilitate a neutral, global, scalable and collaborative solution among PCS and Single Windows based initially on Track & Trace APIs, facilitated by IPCSA. To share and exchange data Port to Port and Cross Border and to simplify the associated administrative and technical solutions”

IPCSA Members as a whole operate in over 500 Sea and Air Ports in over 50 countries.

GLOBAL MARITIME STANDARDS – Simple but complex

Organisation	Maritime Reference Model	Data Model	EDI		
			EDIFACT	XML - API	JSON-API
		N/A	N/A	N/A	N/A
	N/A	 Multi-model Transport			
	N/A	 TC/8			
	N/A	 WCO Data Model			
	N/A	 Reference to 			
  	N/A	 S-100 / S-200	TECHNICAL NAVIGATION STANDARDS		
	N/A	 Reference to 			
	N/A	 Reference to 			

Note: This is a visual representation and precise details should be requested from each of the standards organisations



INSIGHT

- PCS are key elements at Sea/Air Ports to optimize, digitalize and automate.
- PCS have provided an OS to implement business processes.
- Sharing Data is important but IT requires standards and .. Implementation .
- Technology is key but Change Management is a must (Business, Technology, Regulation, People)
- The solution is not an unique system, Collaboration and Interoperability are essential

THANKS



IPCSA

International Port
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Association

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