



**World Customs
Organization**

WCO Data Model Codex DIP

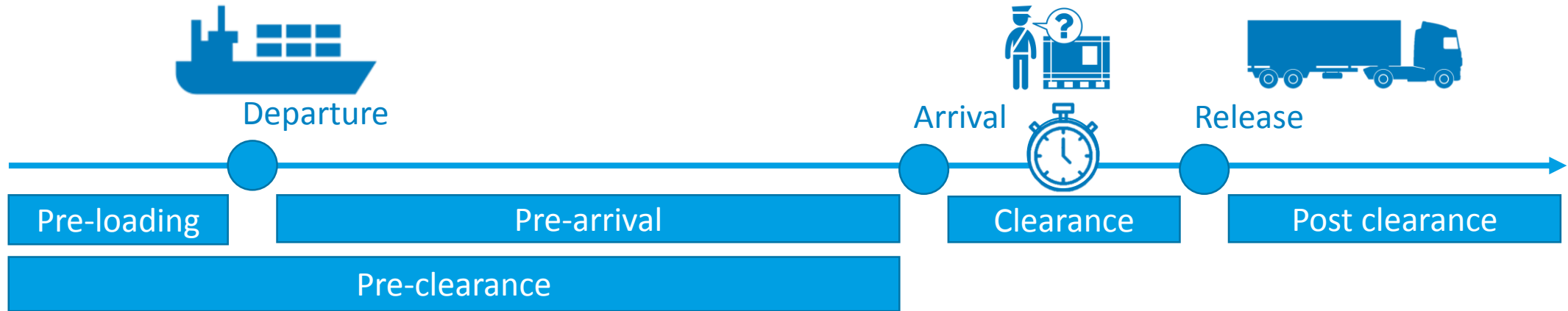
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Procedure and Facilitation, Compliance and Facilitation
World Customs Organization

26th CCFICS

02 May 2023

- **Coordinated Border Management**
- **WCO Data Model (WCO DM)**
- **WCO DM – Single Window**
- **WCO DM-Codex DIP**



- Reduce clearance time
- Optimize control
- Enable sufficient risk management (profiling, selectivity, watch-listing, targeting, etc.)
- Application of Information Technology
- Cooperation with stakeholders

Value proposition:

- Unify governmental services delivery to traders/citizen
- Deliver enhanced, more effective border control
- Streamline process redundancies
- Reduce burdensome border crossing (Time, cost, human and other resources)

Specific
mandate, roles,
responsibilities,
area of expertise



Coordinated Border Management



An inclusive
approach
for connecting
stakeholders



CBM:

A coordinated approach by border control agencies, both domestic and international, in the context of seeking greater efficiencies over managing trade and travel flows, while maintaining a balance with compliance requirements.

International Instruments:

- **Agreement on Trade Facilitation:**

- **Article 8 Border Agency Cooperation:**

- 8.1. A Member shall ensure that its authorities and agencies responsible for border controls and procedures dealing with the importation, exportation and transit of goods cooperate with one another and coordinate their activities in order to facilitate trade.

- **Revised Kyoto Convention**

- **3.35. Transitional Standard**

- If the goods must be inspected by other competent authorities and the Customs also schedules an examination, the Customs shall ensure that the inspections are coordinated and, if possible, carried out at the same time.

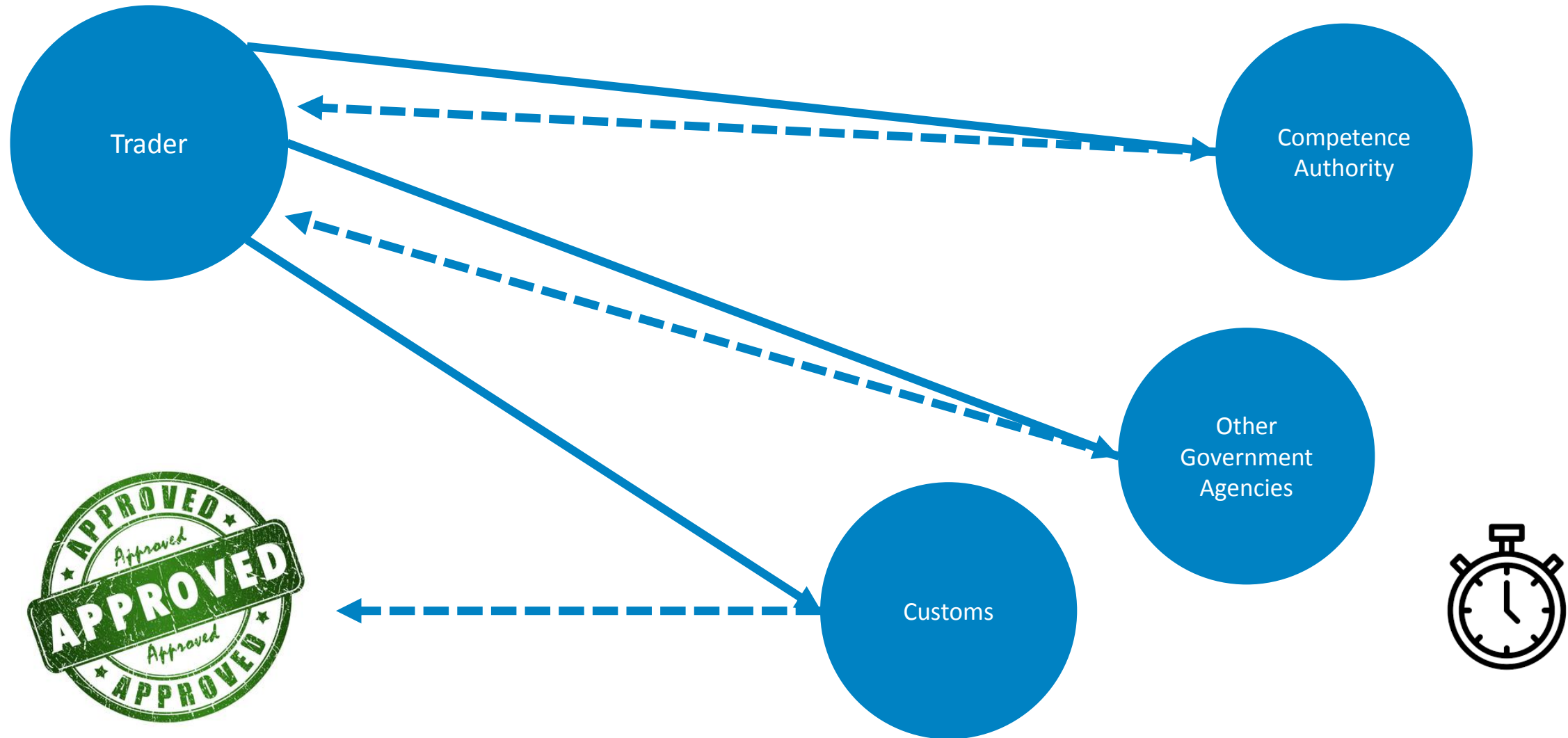
Coordinated Border Management



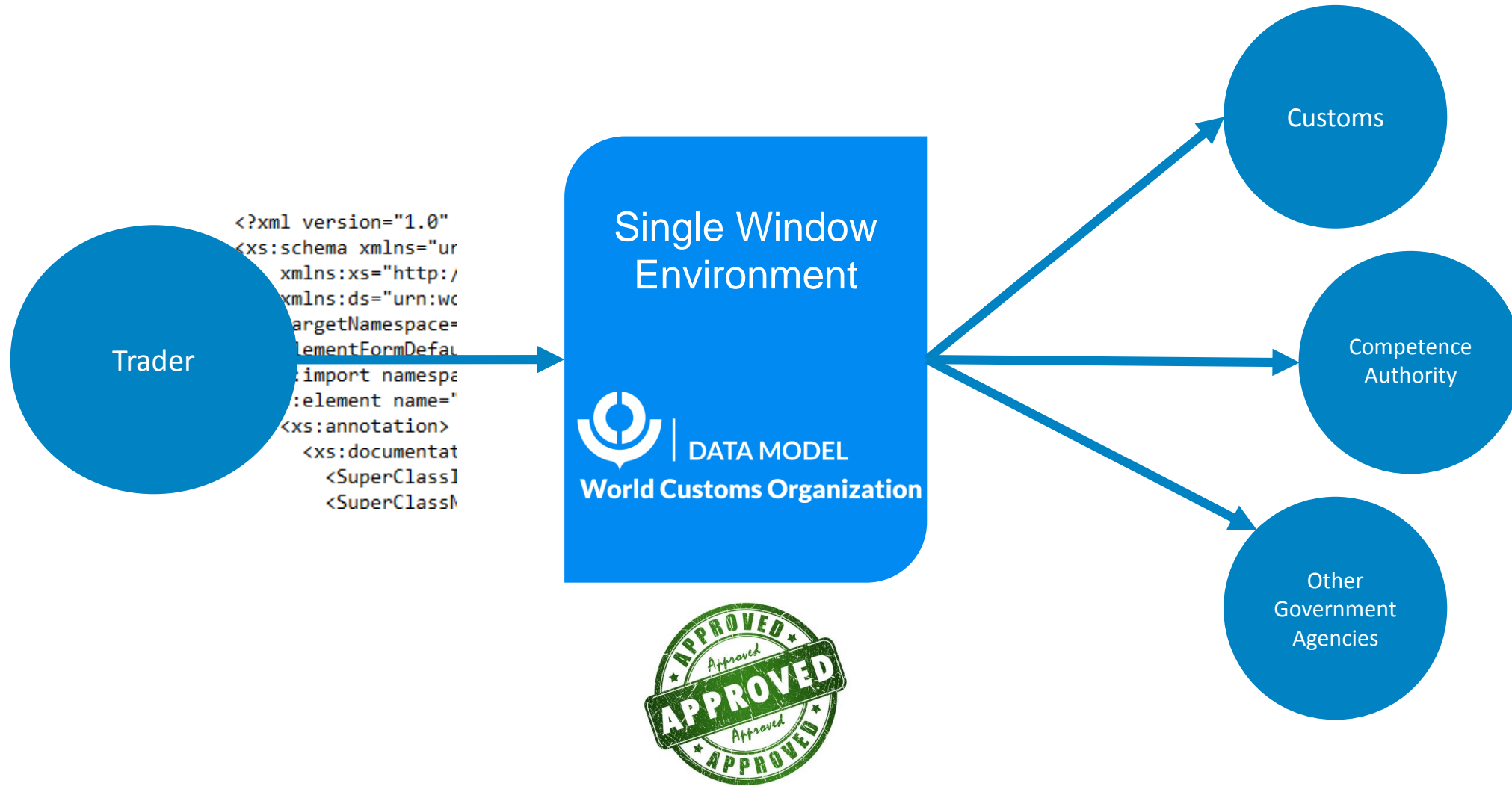
An inclusive approach for connecting stakeholders



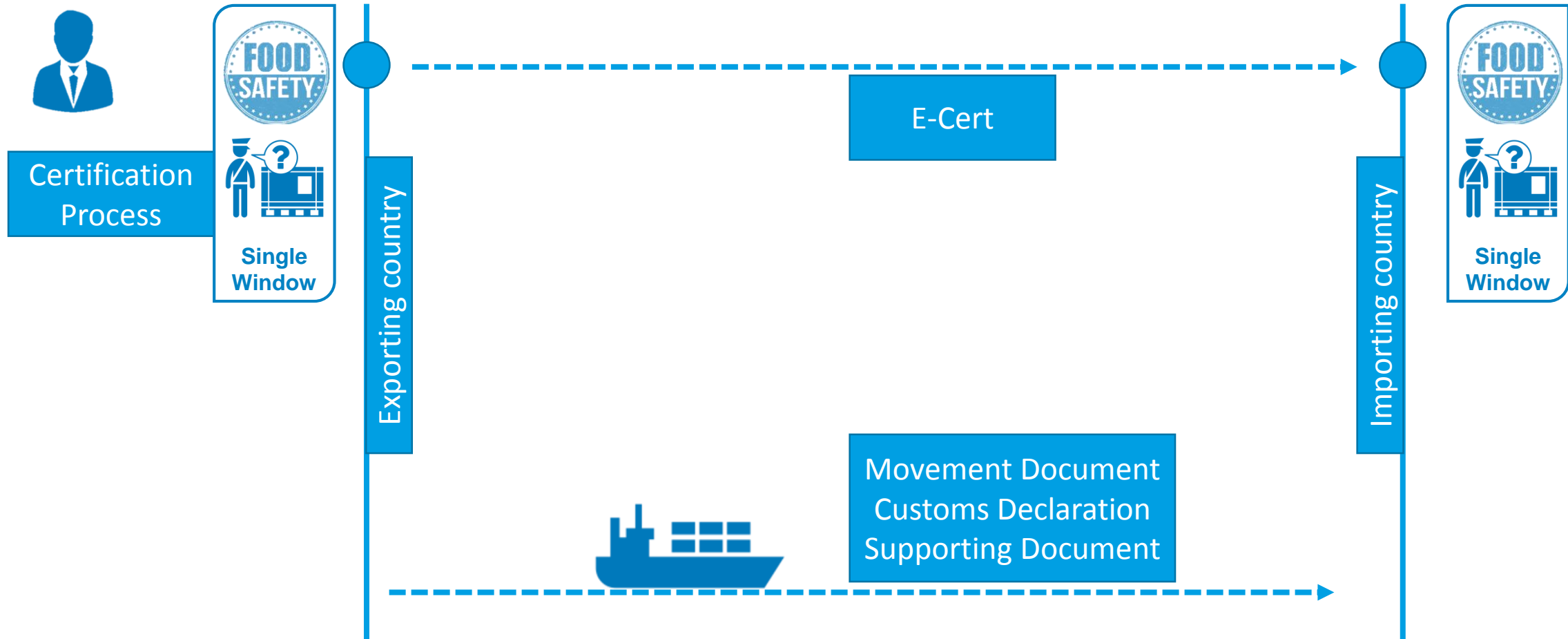
Streamlining Border Crossing Procedures



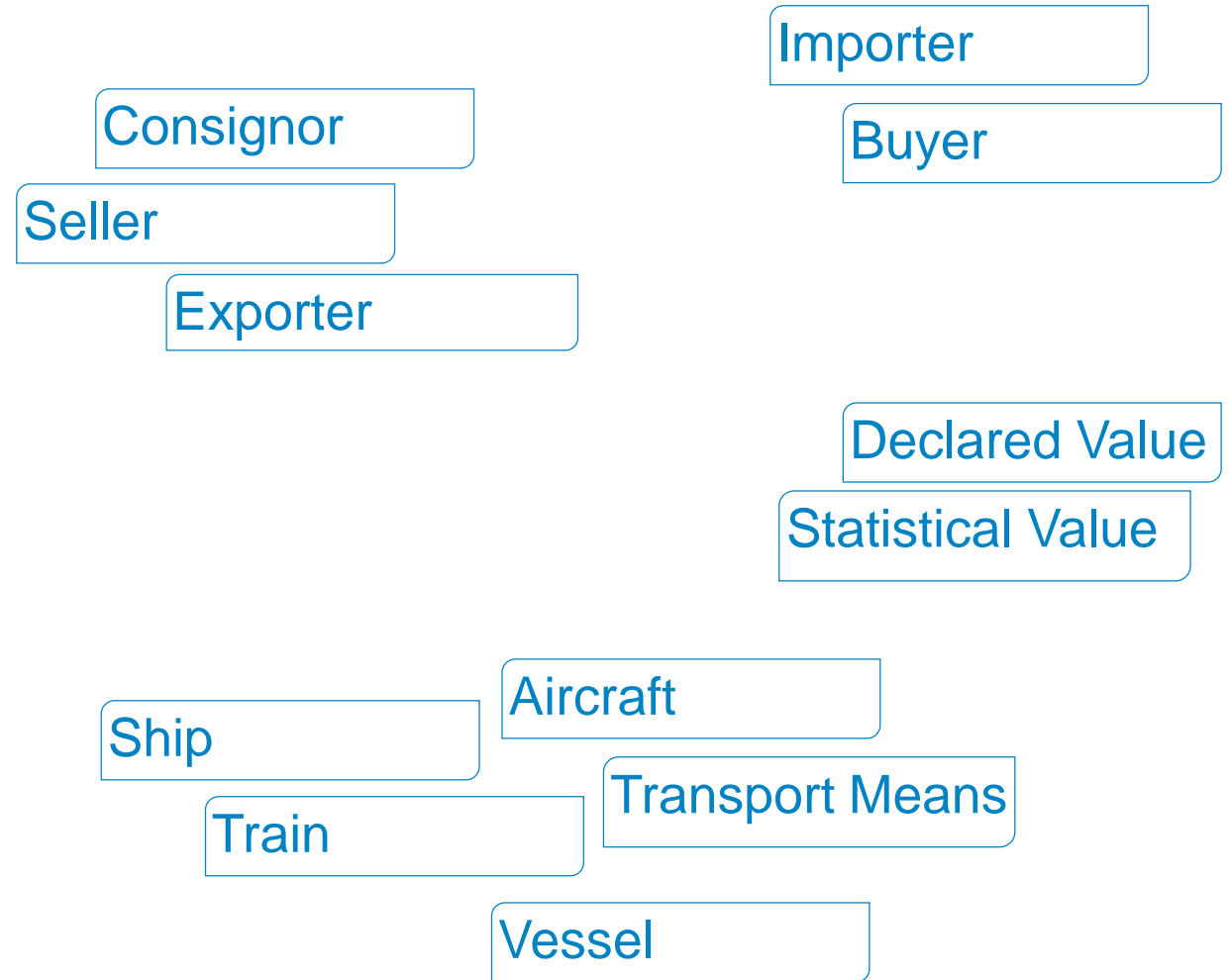
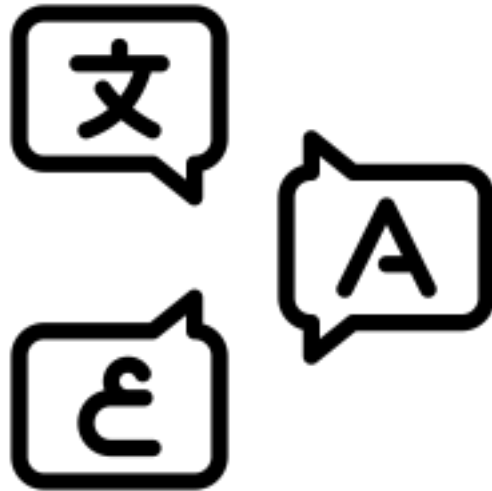
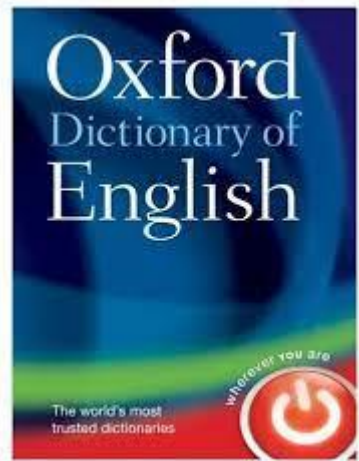
National Collaboration in a Single Window Environment



International Collaboration via a Cross-border Data Exchange



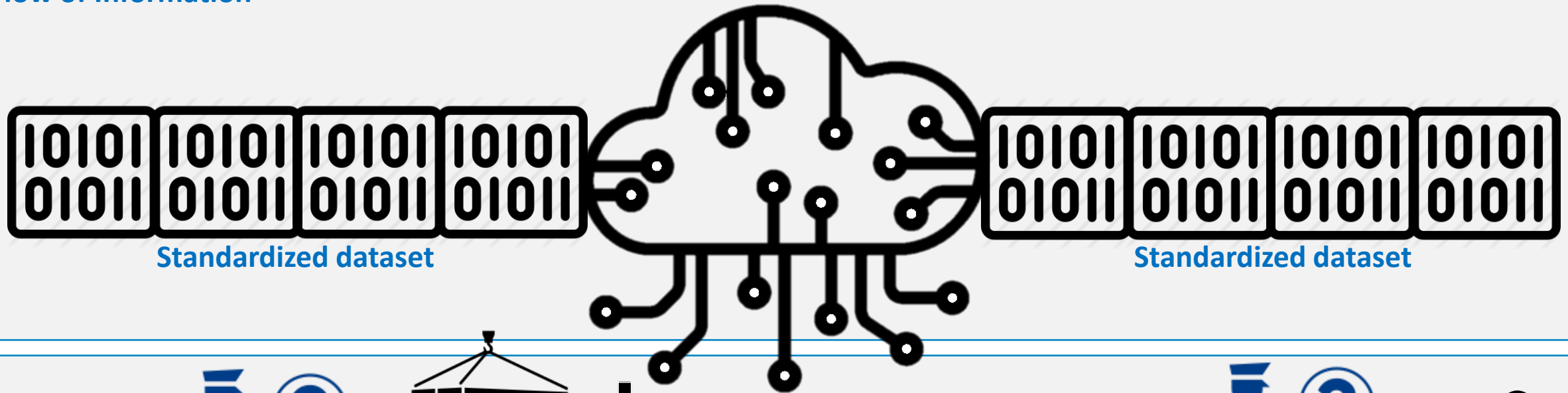
WCO Data Model



Streamlining flow of goods and flow of information

Digitalization → Standardization

Flow of Information



Flow of Goods



What is the WCO DM?

Supply-chain Information



WCO DM Library



Information Model



Attribute Name

Identification issuing country, code **R147**

To achieve a globally unique standardised TIN format for cross-border exchanges, add this separate 2-digit alpha numeric ISO Country Code attribute as a qualifier to the existing national identifier.

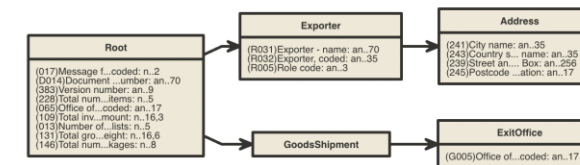
Role code **R005**

Code giving specific meaning to a party

Exporter, coded **R032**

To identify the party who makes, or on whose behalf the export declaration is made, and who is the owner of the goods or has similar rights of disposal over them at the time when the declaration is accepted

Exporter - name **R031**



Electronic Messages

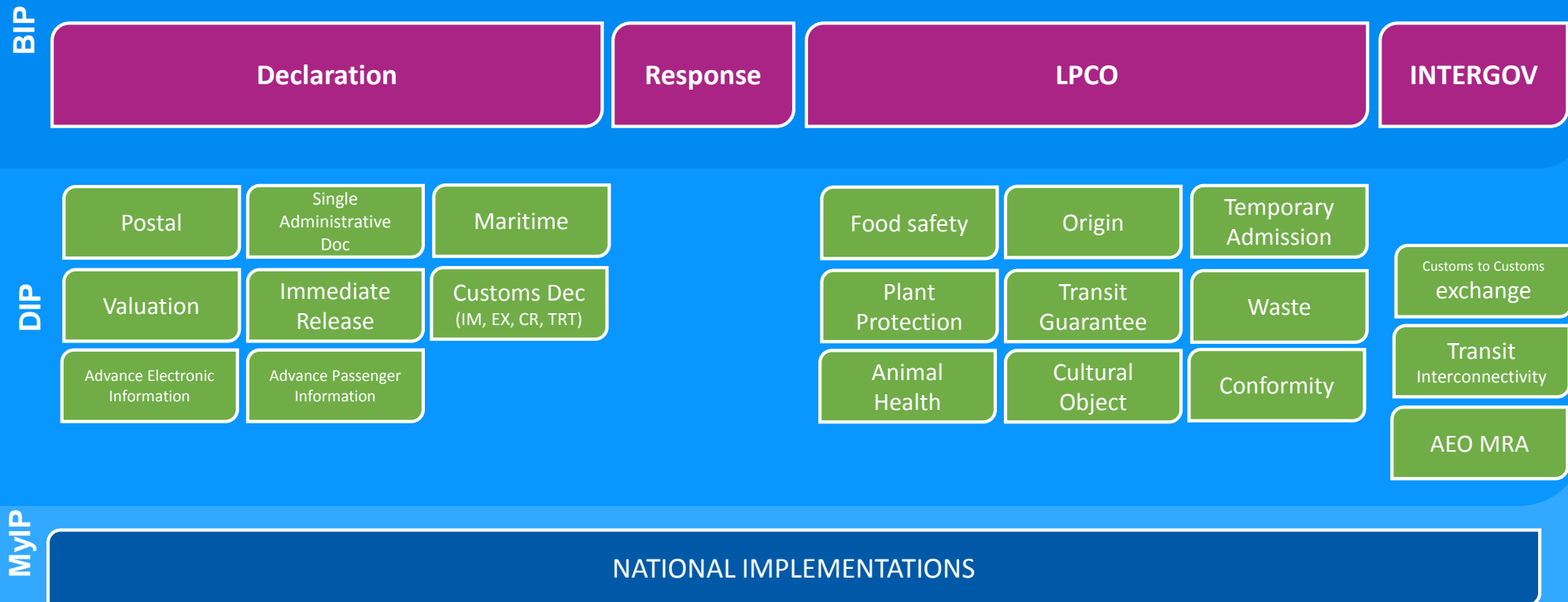
```
<?xml version="1.0" encoding="UTF-8"?>
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  xmlns:xs="http://www.w3.org/2001/XMLSchema"
  xmlns:ds="urn:wco:datamodel:WCO:AEI_DS:1"
  targetNamespace="urn:wco:datamodel:WCO:AEI:1"
  elementFormDefault="qualified">
  <xs:import namespace="urn:wco:datamodel:WCO:AEI_DS:1"
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          <SuperClassName>RootDocument</SuperClassName>
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          <BIPUsageDeclaration>X</BIPUsageDeclaration>
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      </xs:annotation>
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        <xs:sequence>
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            <xs:annotation>
```

Information Packages:

- WCO DM is a multipurpose regulatory data management framework;
- Information package is a tool to organize the subsets of the WCO DM based on their specific purposes
- An IP may have additional details related to the procedures it is implemented
- The basis to generate certain electronic messages / electronic messages' schemas.

Library

Overall Information Model

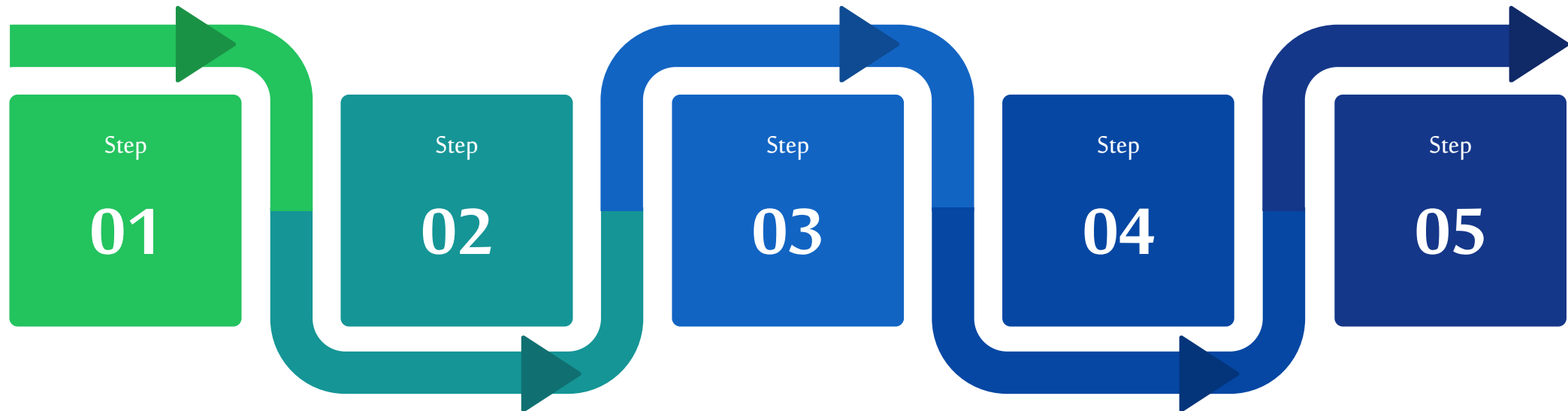


Examining existing data requirements

- Legal frameworks
- Existing Systems
- Paper forms

Map national data requirements to the WCO DM

- Adjust national data requirements
 - Develop relevant ICT Systems
- Submit Data Maintenance Request (DMR)



Identify the processes for which the WCO DM would be implemented

Harmonize existing data requirements

Develop My Information Package (MyIP)

WCO DM – Codex DIP

56th

56th DMPT – January 2020

CCFICS EWG presented initiative of Codex Alimentarius Commission in the area of electronic certification

61st

61st DMPT – September 2021

CCFICS EWG provided update on paperless use of electronic certificates in international food trade

63rd

63rd DMPT – May 2022

Highlighted the opportunity to initiate official cooperation with CODEX to work together on standardizing the digitalization of certificates

65th

65th DMPT – February 2023

presented a draft mapping of the CODEX DIP conducted in cooperation with food-safety expert members of CODEX

66th

66th DMPT – May 2023

Potentially endorse the draft CODEX Data Model based on the CODEX Dataset shared by CCFICS

Mapping of the Codex DIP

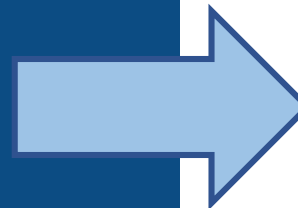
LOGO/LITTERHEAD
GENERIC MODEL OFFICIAL CERTIFICATE

COUNTRY: _____ **CERTIFICATE TYPE:** _____

1. Consignor/Exporter:		2. Certificate number:	
		3. Competent authority:	
5. Consignee/Importer:		4. Certifying body:	
6. Country of origin:		ISO Code:	
7. Country of destination:		ISO Code:	
8. Place of loading:			
9. Means of transport:		10. Declared point of entry:	
11. Conditions for transport/storage:		12. Total quantity*	
13. Identification of container(s)/Seal number(s):		14. Total number of packages:	
15. Identification of food products as described below (multiple lines may be used for multiple products)			
No.	Nature of the food, commodity code (HS code) where appropriate	Species*	Intended purpose
No.	Producer/Manufacturer	Approval number of establishments*	Region or compartment of origin
No.	Name of the product	Lot Identifier*	Type of packaging
			Number of packages
			Net weight
16. Attestations:			
17. Certifying officer:		Official position:	
Name:		Signature:	
Date:			
Official Stamp:			

The Generic Model Official Certificate should be read in conjunction with the explanatory notes.

* If required

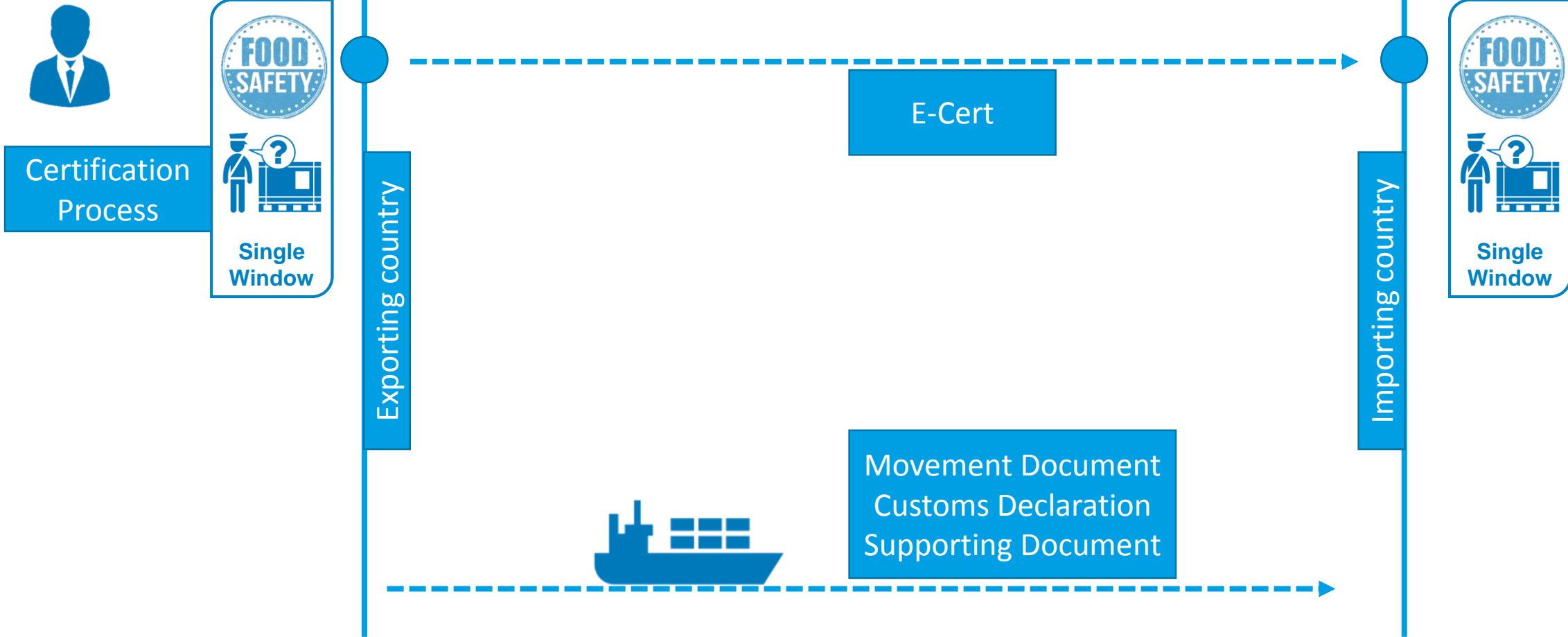


Mapping to the WCO DM

			BIP / Consignment / Consignment Item / Commodity	006	Sequence Number	Sequence number	
15	specified below	15. Identification of food product(s):	BIP / Consignment / Consignment Item / Commodity	006	Sequence Number	Sequence number	Number indicating the position in a sequence
15-a	TIM-Description	- Nature of the food (or description of product):	BIP / Consignment / Consignment Item / Commodity	137	Description	Description of goods	Plain language description of the nature of a goods item sufficient to identify it for cross-border regulatory purposes such as Customs, phytosanitary, statistical or transport.
15-b	TIM-IntendedUse	- Intended purpose (or Food products certified for):	BIP / Consignment / Consignment Item / Commodity	327	IntendedUse	Intended Use, text	Statement describing the intended use of the commodity
15-c	TIM-Origin/OriginSubDivision/OriginLocation	- Region or compartment of origin:	BIP / Consignment / Consignment Item / Commodity / Source	286	GeographicRegion	Source geographic region	To identify the source geographic region (non-political)
			BIP / Consignment / Consignment Item / Commodity / Source	396	Country Code	Source country, coded	Code of the source country
15-d	TIM-Package	- Type of packaging:	BIP / Consignment / Consignment Item / Packaging	141	TypeCode	Type of packages identification, coded	Code specifying the type of package of an item
15-e	TIM-Classification (HS-codes)	- Commodity code (HS code)	BIP / Consignment / Consignment Item / Commodity / Classification	145	ID	Commodity Classification	The non-commercial categorization of a commodity by a standard-setting organization

Generic Model Official Certificate

Use of electronic information





**World Customs
Organization**

Thank you

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