

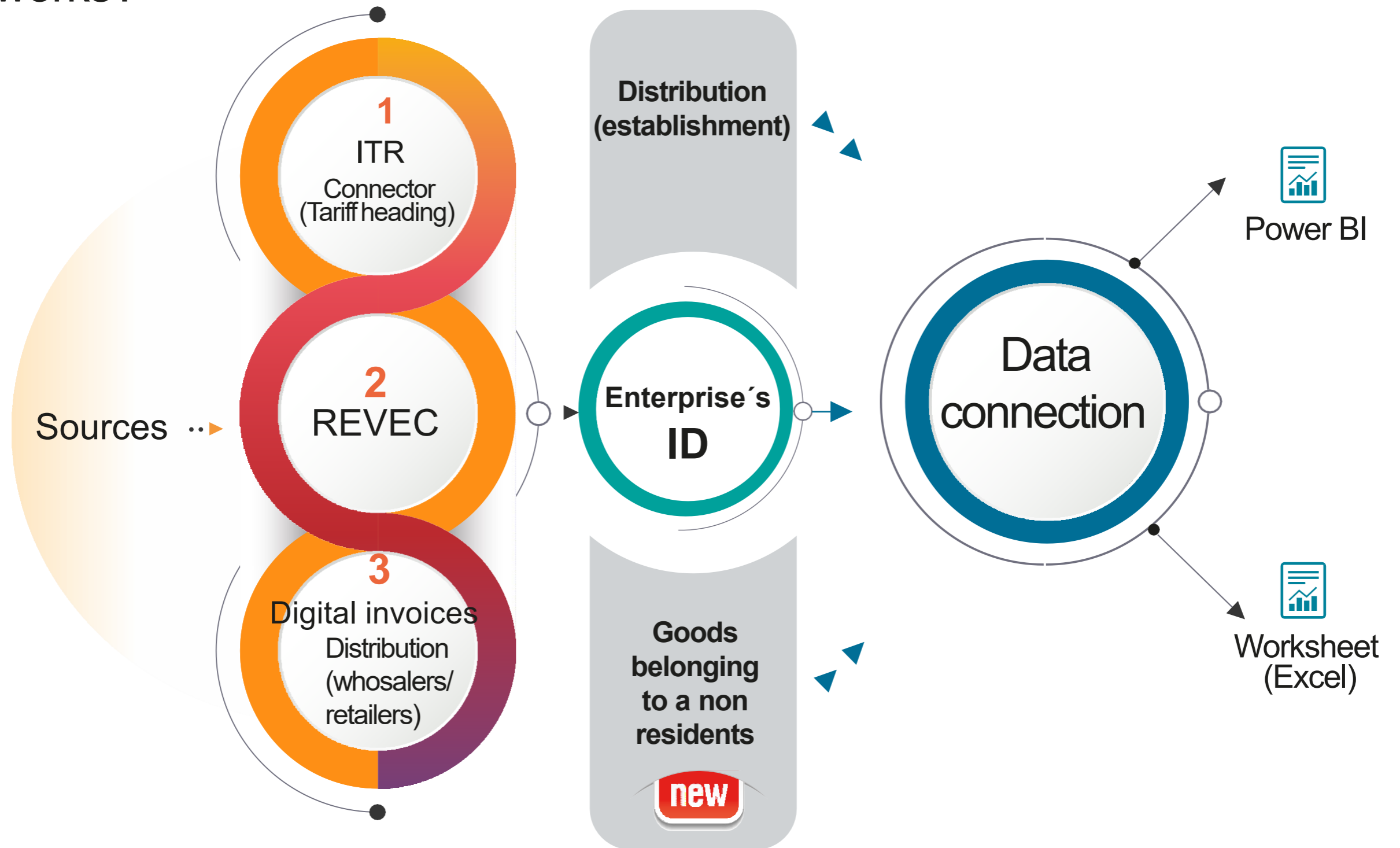
# **Linking data sources to produce trade statistics according to enterprises characteristics**

April 23, 2024

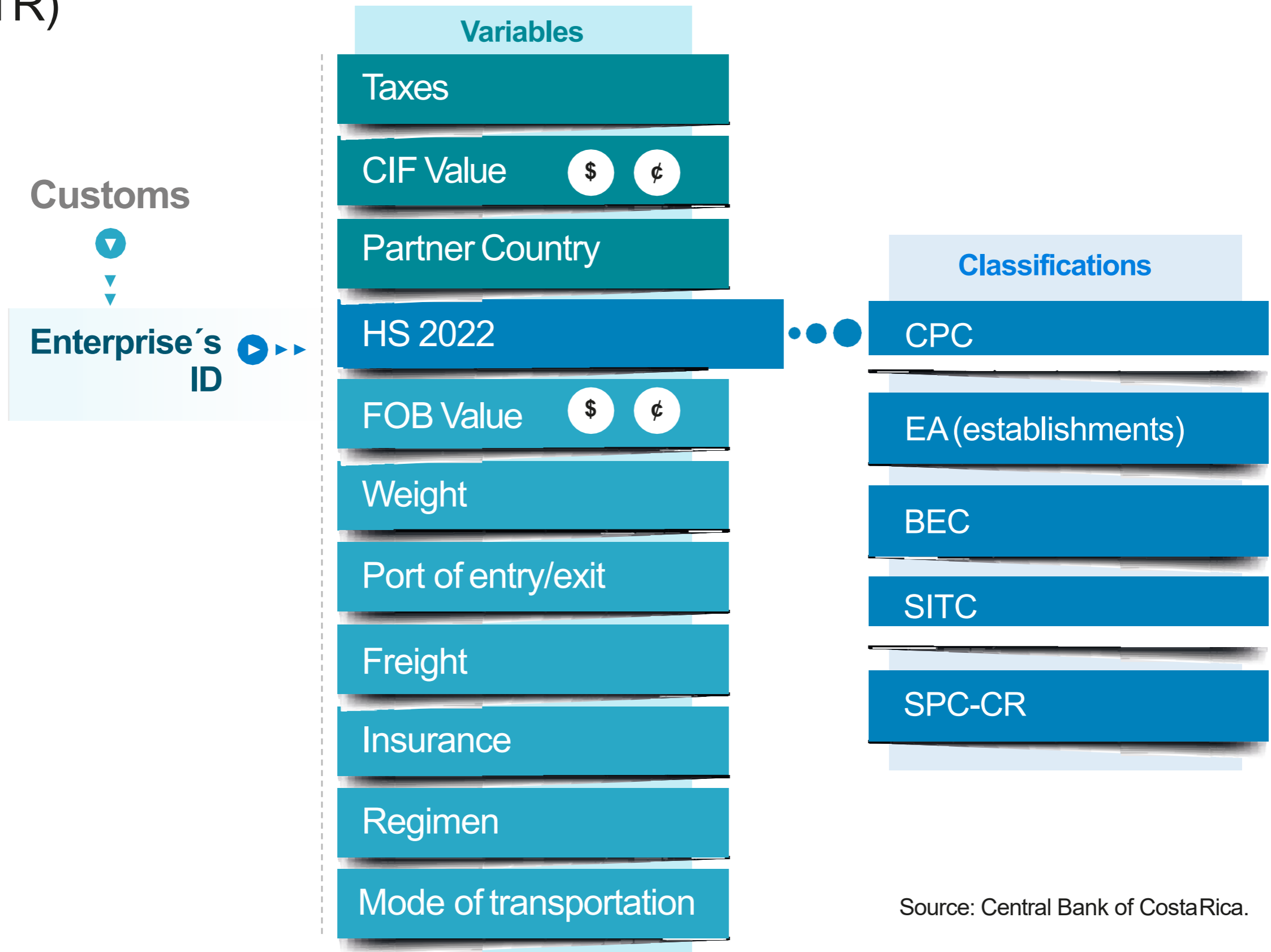
Henry Vargas



# CEB: How it works?



# 1 International Trade Register (ITR)



Source: Central Bank of Costa Rica.

## 2 Economic Variables Register (REVEC)

REVEC  
(Central Bank)



Enterprise's ID



### Variables

Sales

Employment

Wages

Revenues

Economic Activity

Type of ownership

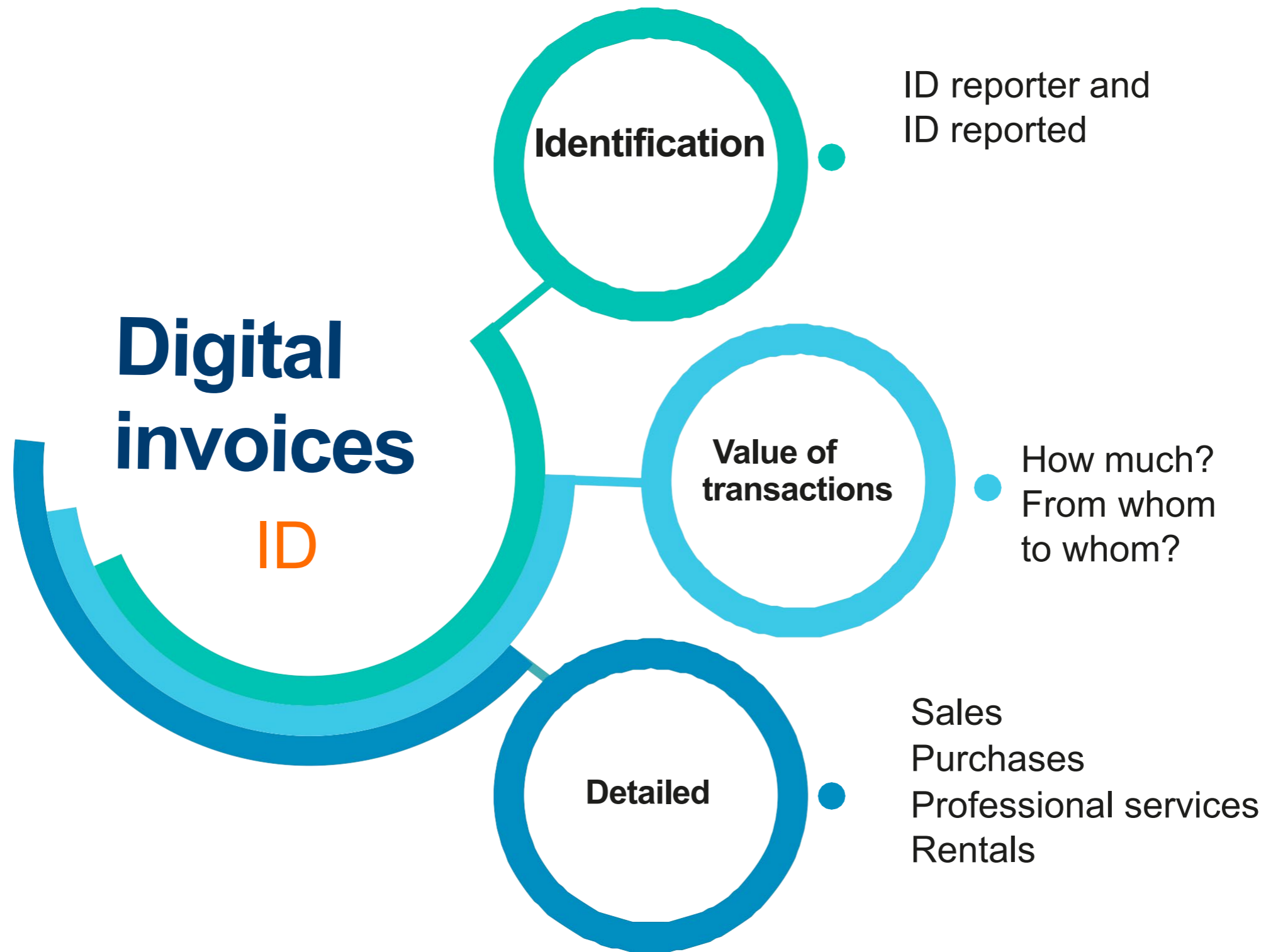
Location variables

Regimen

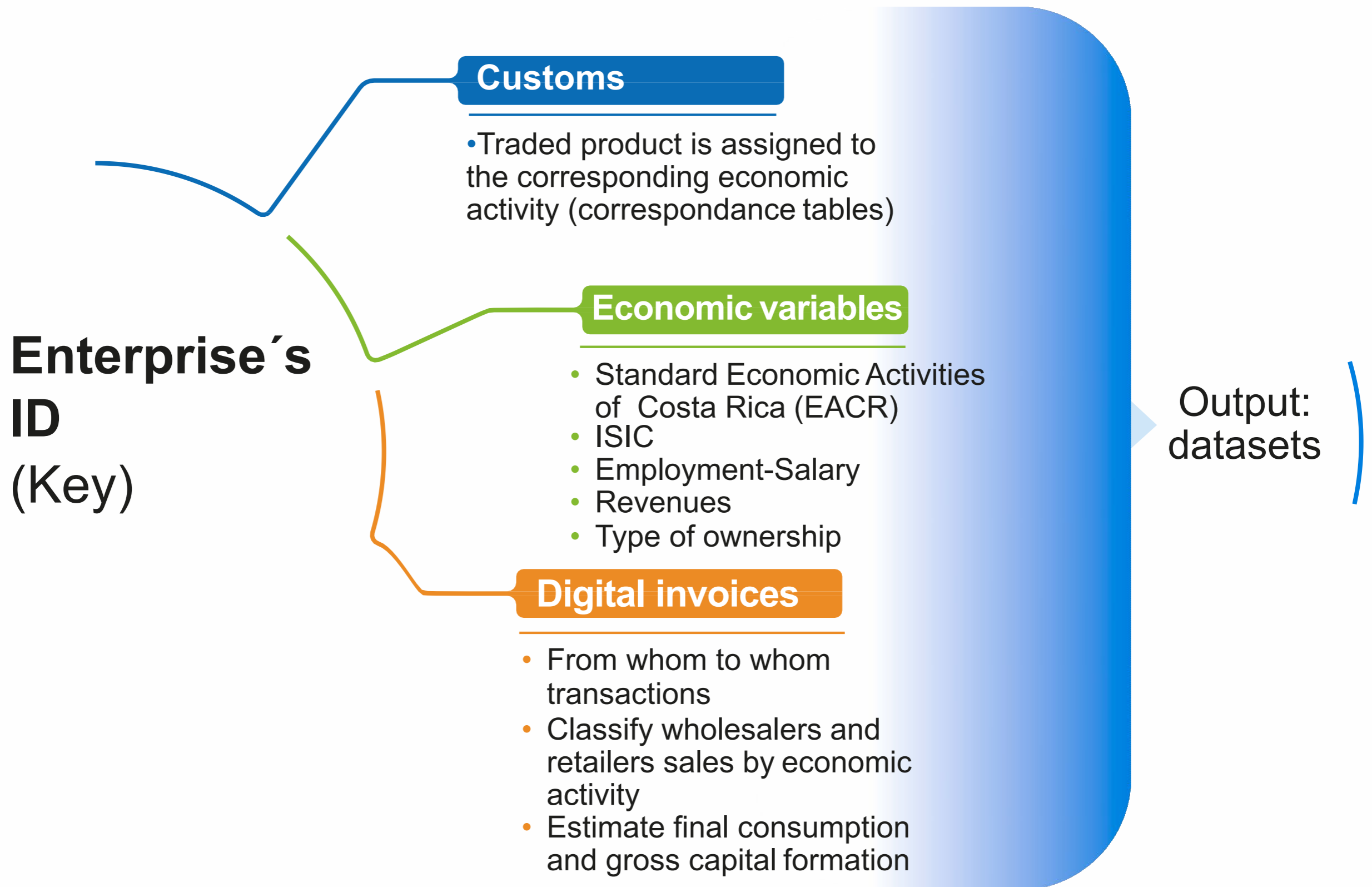
Establishments

Source: Central Bank of Costa Rica.

## 3 Digital invoices



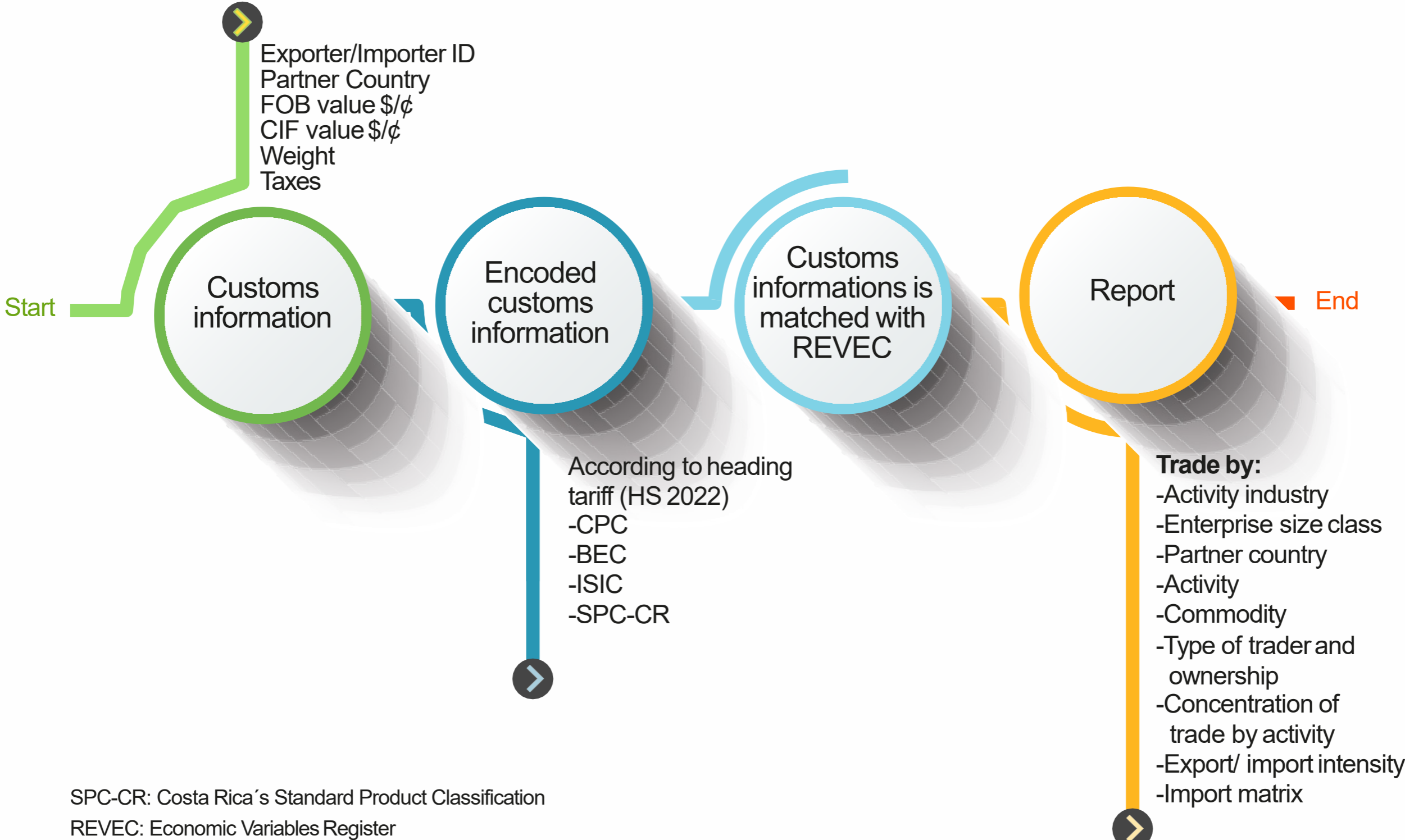
# Linking data sources



# Datasets

Trade by	Type of	Others
<ul style="list-style-type: none"><li>● Economic activity and enterprise size class</li><li>● Commodity and activity</li><li>● Partner country and activity</li><li>● Partner country and size class</li><li>● Number of partner country and activity</li><li>● Export/import intensity</li><li>● Economic activity</li></ul>	<ul style="list-style-type: none"><li>● Trader</li><li>● Ownership</li></ul>	<ul style="list-style-type: none"><li>● Concentration of trade by activity</li><li>● Two way trader</li></ul>

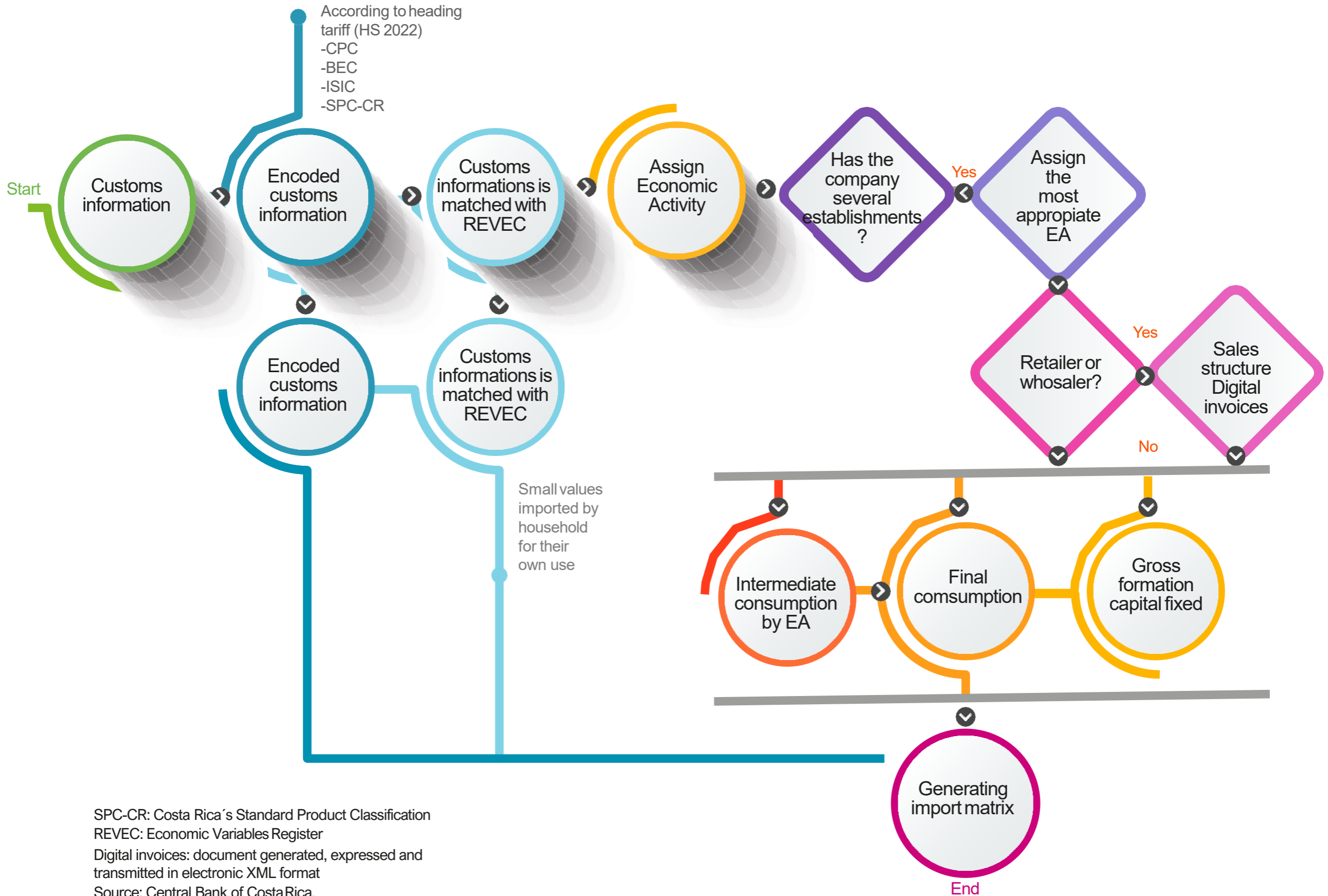
# Resulting process: export-import process



SPC-CR: Costa Rica's Standard Product Classification  
 REVEC: Economic Variables Register  
 Source: Central Bank of Costa Rica.










# Resulting process: import matrix process



SPC-CR: Costa Rica's Standard Product Classification  
 REVEC: Economic Variables Register  
 Digital invoices: document generated, expressed and transmitted in electronic XML format  
 Source: Central Bank of Costa Rica.

# Resulting process: import matrix process

## Intermediate consumption






Products (NP)	Industries (EA)							Total
	 Agriculture	 Manufacture	 Construction	 Trade	 Hotel transportation	 Financial services	 Other services	
Agriculture	●			●				Total
Manufacture	●	●	●	●				
Construction			●					
Trade				●				
Hotel and transportation					●			
Financial services						●		
Other services							●	
<b>Total (basic prices)</b>	<b>Intermediate consumption economic activity</b>							<b>Imported intermediates</b>

Imported products for intermediate consumption (c.i.f values)

Source: Based on SNA2008 and Manual of Supply Use and Input-Output Table, Eurostat.

# Resulting process: import matrix process

## Final consumption

Products (NP)	Categories					Total
	 Expenditure by households (final consumption)	 Expenditure by non profit organisations (final consumption)	 Expenditure by government (final consumption)	 Gross fixed capital formation (final consumption)	 Changes Inventories (final consumption)	
Agriculture	●	●	●			Total
Manufacture	●	●	●	●		
Construction	●		●			
Trade	●		●			
Hotel and transportat ion	●	Imported products for final consumption (c.i.f values)				
Financial services	●					
Other services	●				●	
<b>Total (basic prices)</b>	<b>Final uses by category</b>					

Source: Based on SNA2008 and Manual of Supply Use and Input-Output Table, Eurostat.

# CONTEXT

Export and Import of the country represent 38,9% y 33,6% of Gross Domestic Product (**GDP**) for the year 2023.

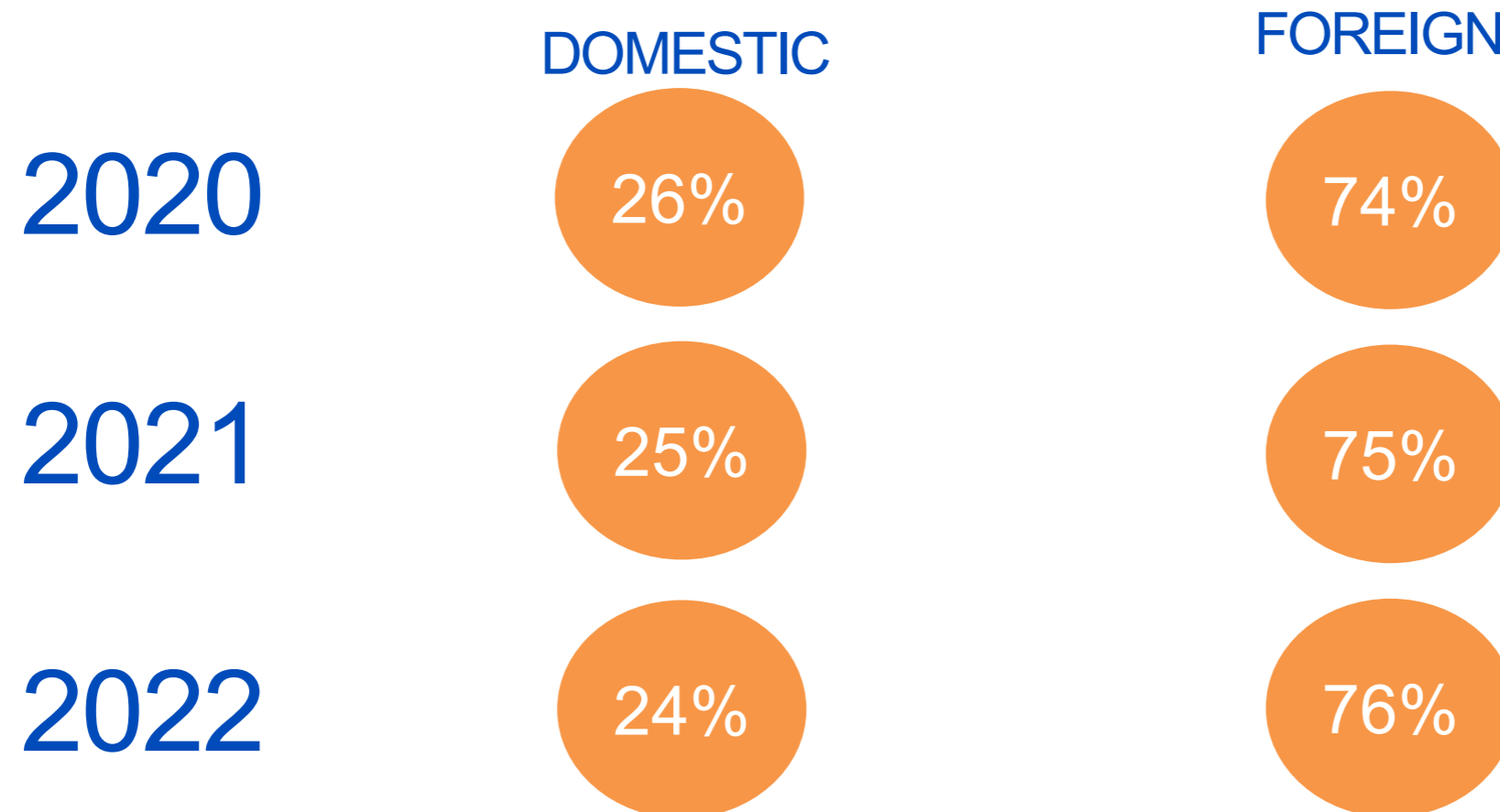
A significant share of these export and imports are driven by foreign companies located in free zone areas.

International trade statistics are critical for economic analysis of the country.



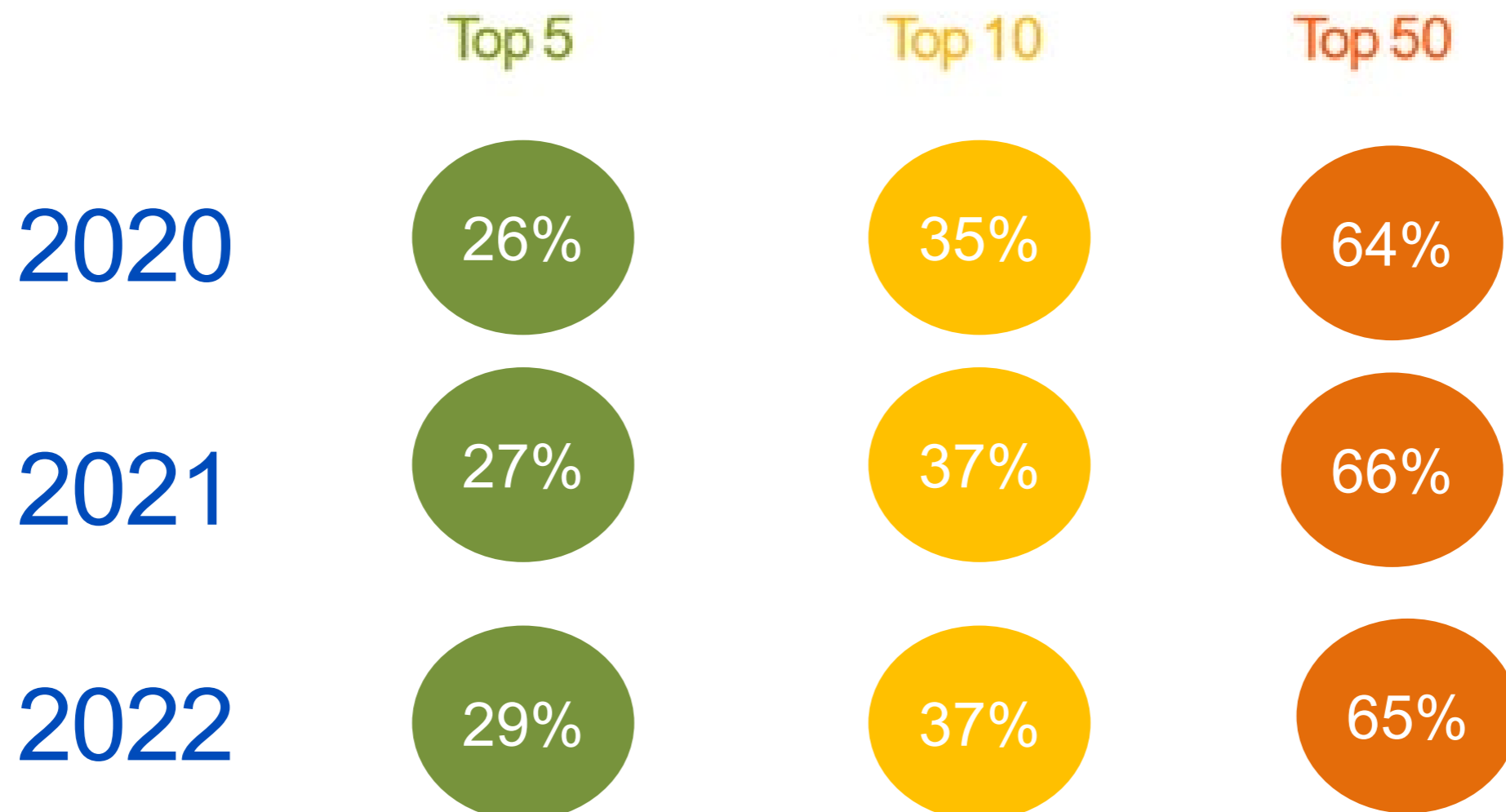
# Main statistical results

## Exports value according to origin of capital



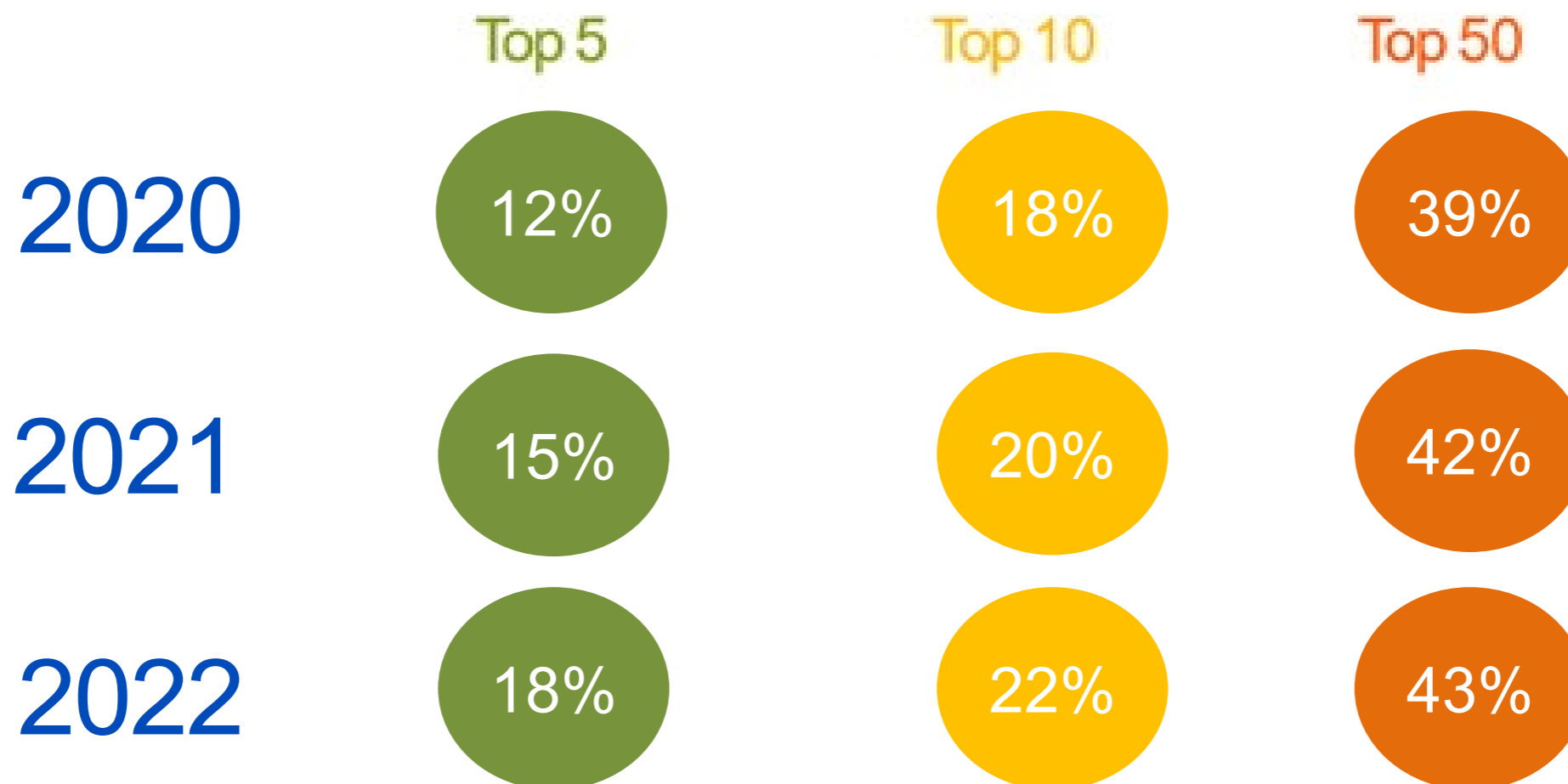
# Main statistical results

## Concentration of exports value



# Main statistical results

## Concentration of imports value



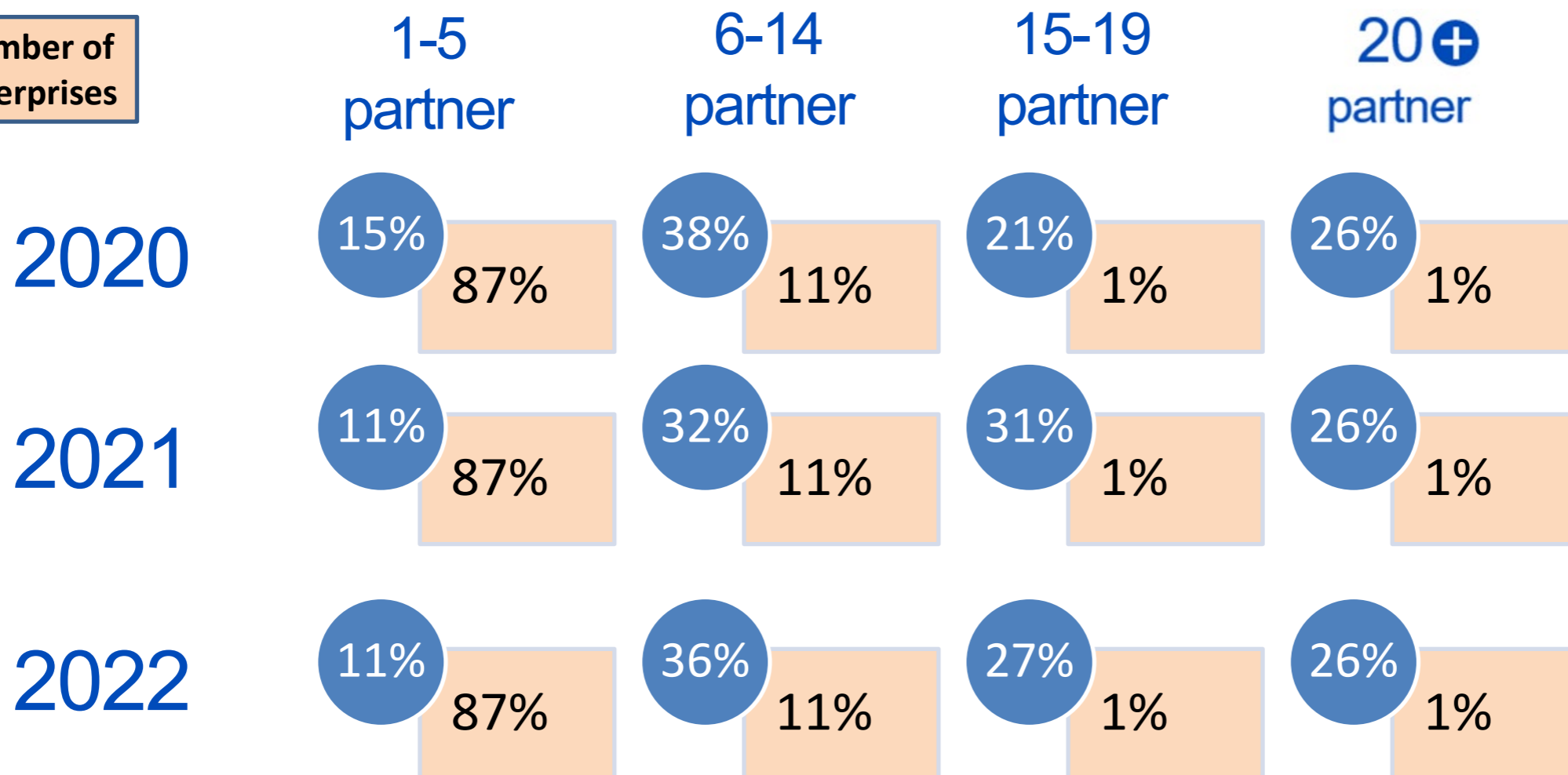
# Main statistical results

## Exports value and number of enterprises according to number of partner countries



Exports value

Number of enterprises





# Main statistical results

## Imports value and number of enterprises according to number of partner countries



Imports value

Number of enterprises

1-5 partner

6-14 partner

15-19 partner

20+ partner

2020

15%

94%

28%

4%

9%

1%

48%

1%

2021

13%

93%

28%

5%

11%

1%

48%

1%

2022

12%

90%

31%

7%

10%

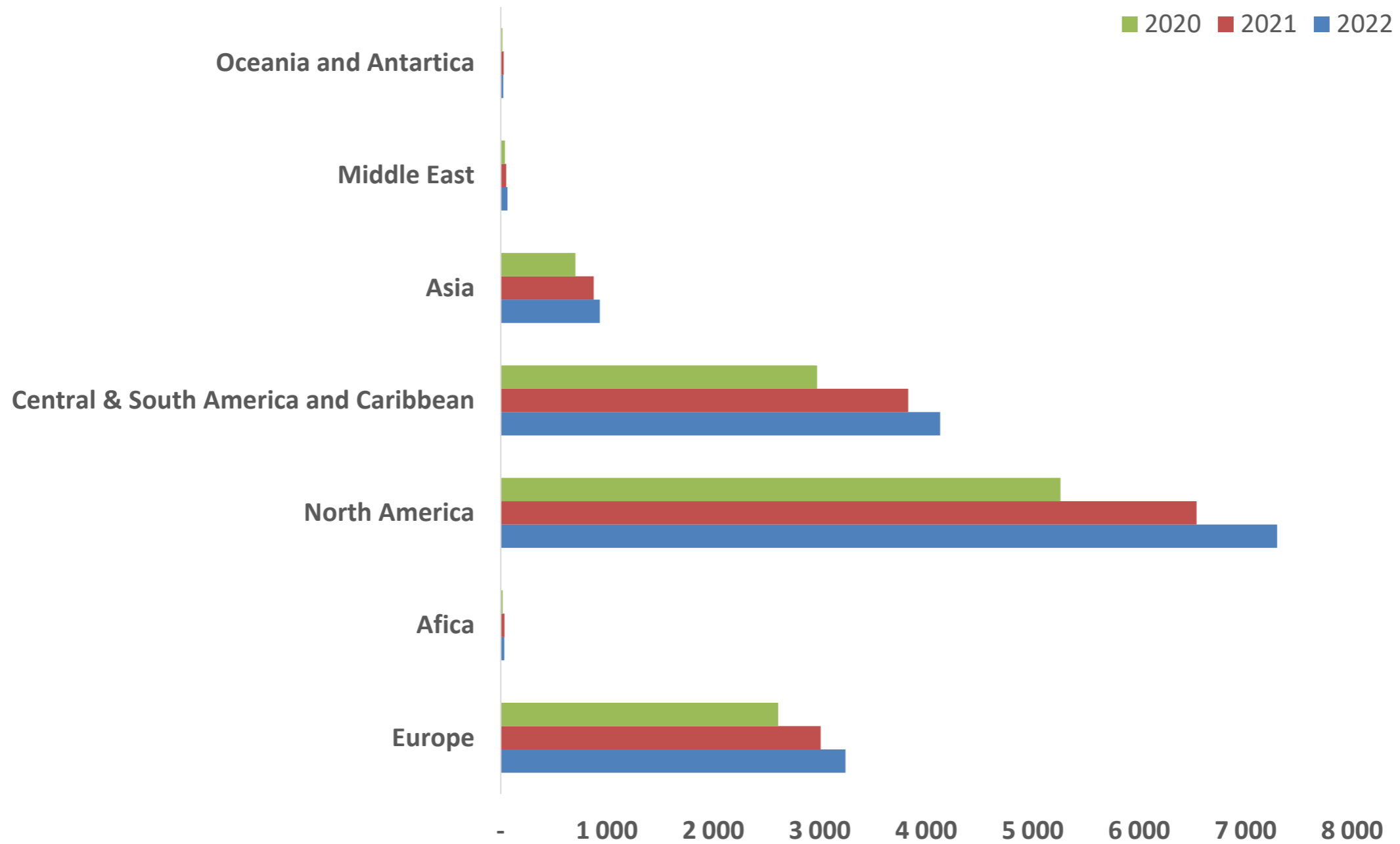
1%

47%

2%

# Trade goods value by zone

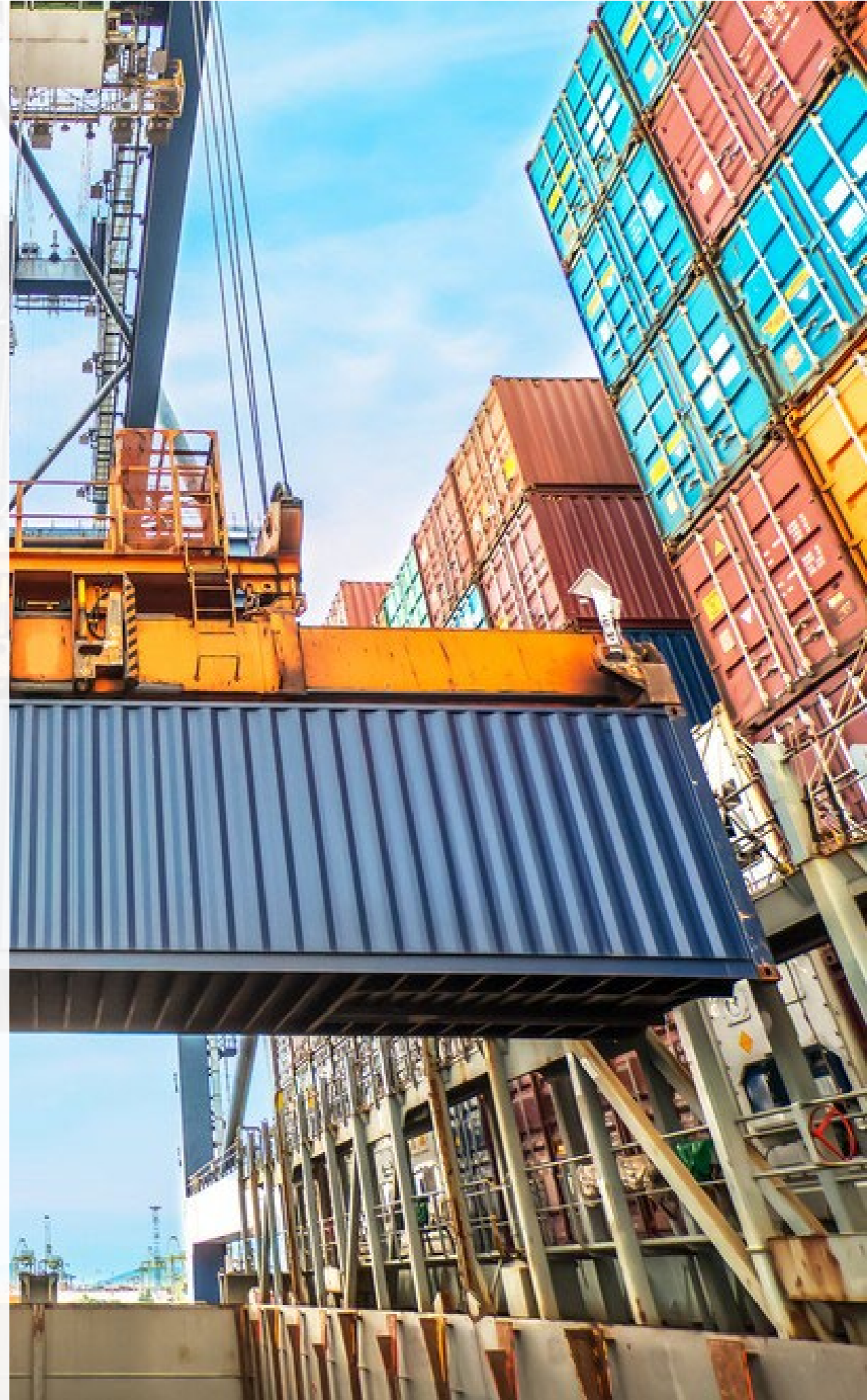
## Exports value in millions US\$



## The way ahead

- In the case of services to add exports by partner country to the system because they **comprise over 37% of all exports in Costa Rica.**

**Include value added** per company when available.



# TRADE ENTERPRISES CHARACTERISTICS: COSTA RICAN EXPERIENCE

Datos a consultar: [webxxxx](#)

