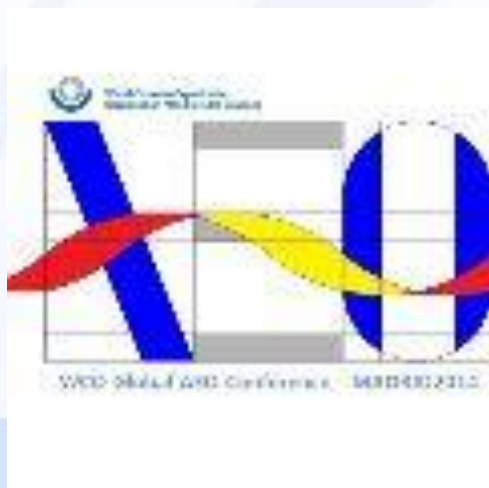




Spanish scanning experience

WCO Global AEO Conference Madrid 2014



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Customs role in the 21st century

Globalization and trade acceleration

Elimination of controls

Single world market

Growing threat



20st century

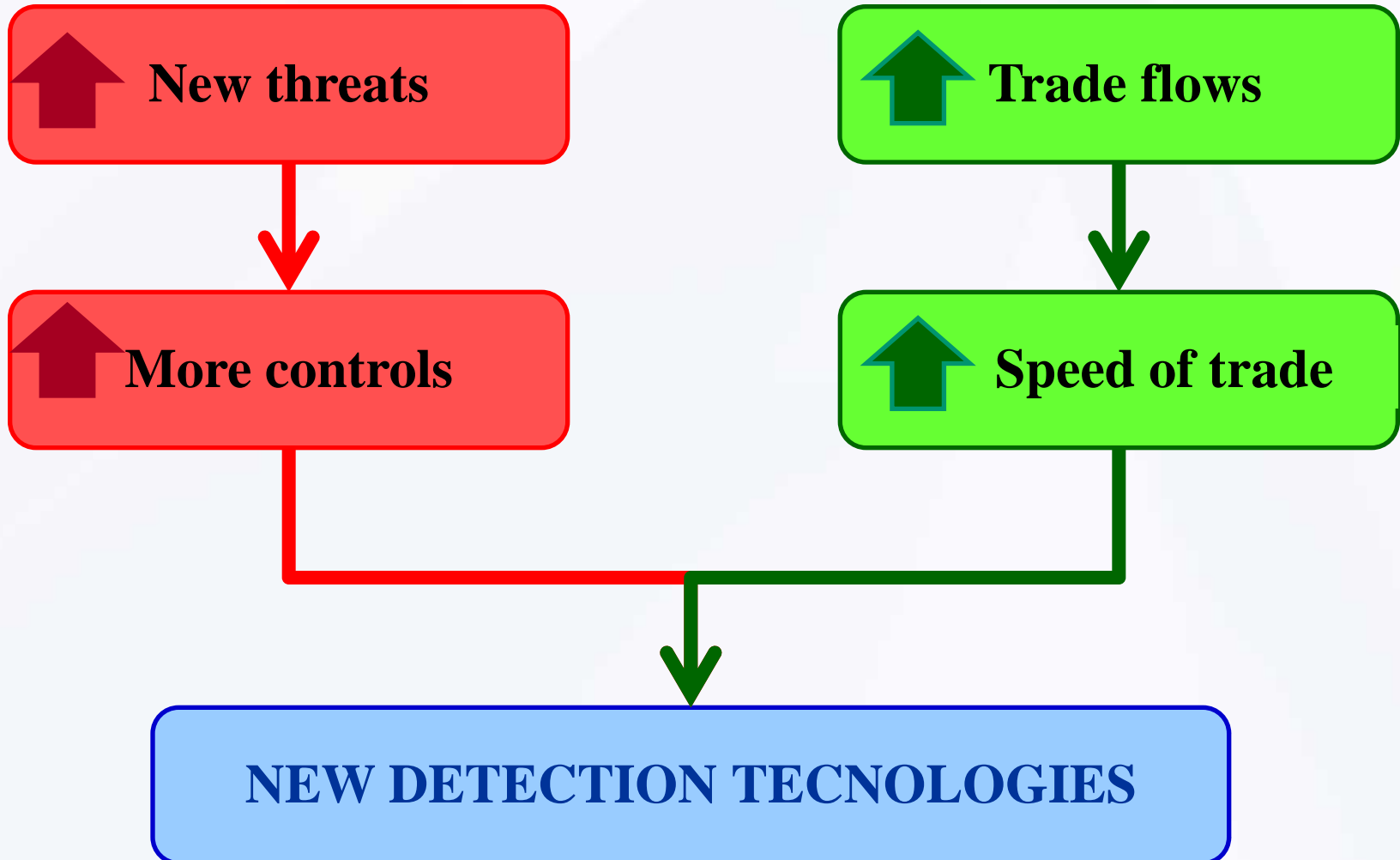
Protection of financial interests

21st century

Protection of:

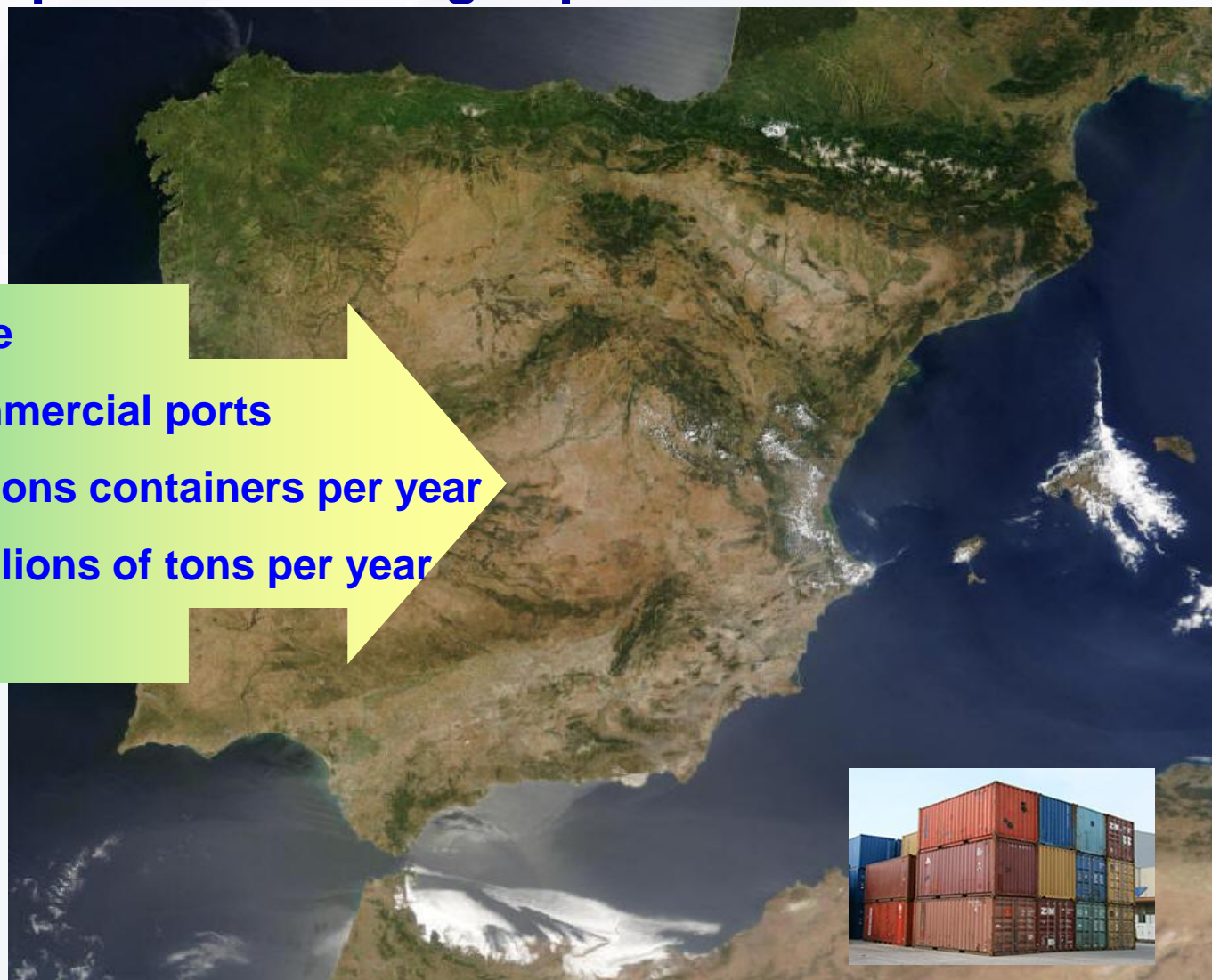
- **Financial interests**
- **Society: Health and security**
- **Environment**

DETECTION TECHNOLOGIES





Spanish scanning experience



7880 Km. cost line

More than 50 commercial ports

More than 13 millions containers per year

More than 470 millions of tons per year



Spanish scanning experience

NII technologies

Objectives

Maintain customs control level without commercial flow impact

Improve the process to identify high-risk cargo by receiving and making full use of advance trade data

Protect economy of terrorist attacks using supply chain

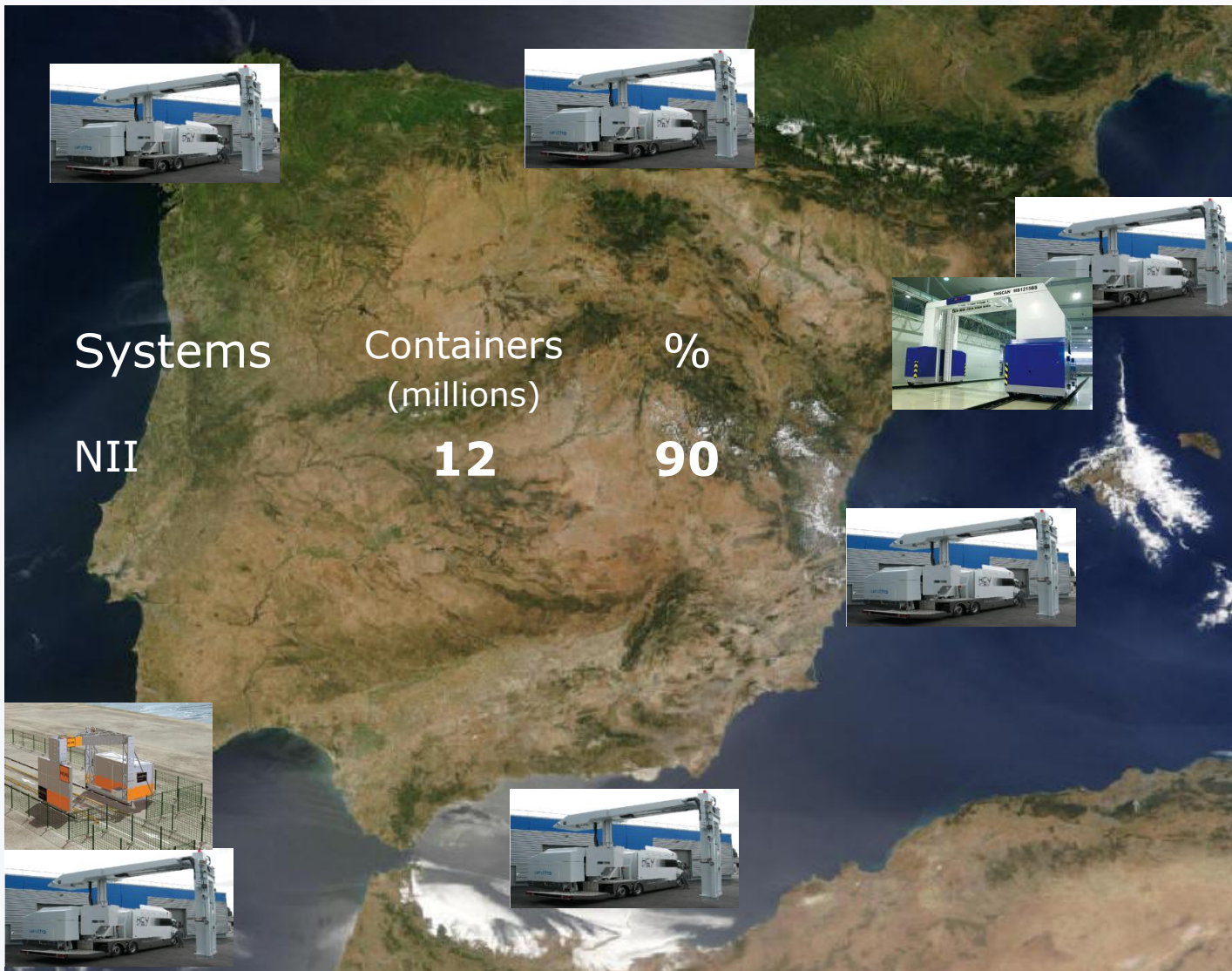
Increase security to reduce the possibility to use containers for illicit trafficking in general and weapons of mass destruction in particular.









Spanish scanning experience

NII deployment



Spanish scanning experience

- Technologies-

System	Ports	Characteristics
<p>SMITHS HEIMANN HCV MOBILE</p> 	<p>Algeciras Valencia Barcelona</p>	<p>Mobile 3.8 MeV 270 mm steel penetration</p>
<p>THSCAN MT1213LH</p> 	<p>Bilbao Vigo Las Palmas</p>	<p>Mobile 4 MeV 280 mm steel penetration</p>
<p>SMITHS HEIMANN HCGV 3528</p> 	<p>Tenerife</p>	<p>Recolotable with rails 4 MeV 280 mm steel penetration</p>
<p>NUCTECH MB1215 HL</p> 	<p>Tarragona</p>	<p>Recolotable with rails 6 MeV Dual energy</p>

Spanish scanning experience

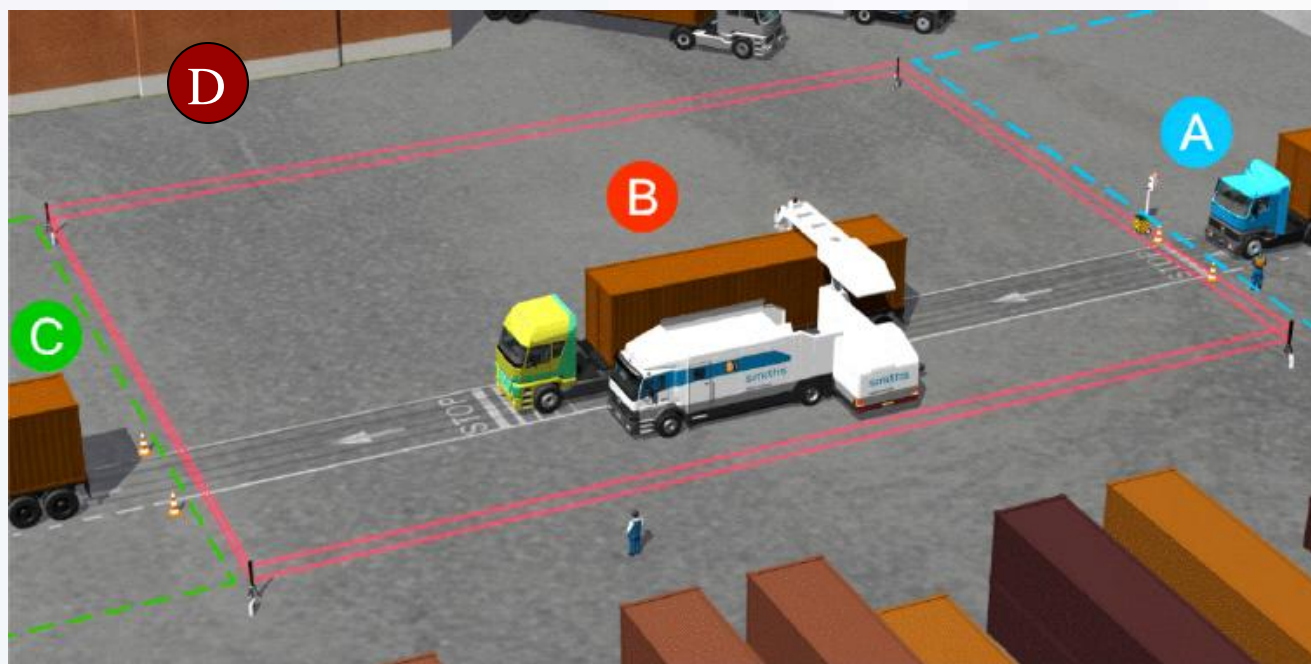
- Operational procedure and human resources -

A: Check in. Custom operator

B: Inspection zone. Custom operator

C: Check out

D: Scanner office. Custom operator



Spanish scanning experience

-Radiation protection regulation-

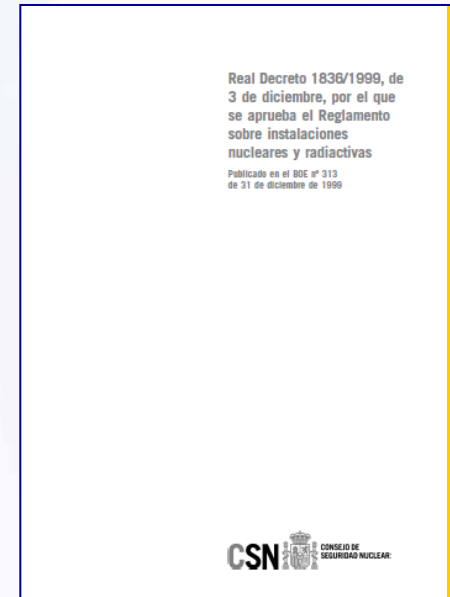
Scanning facilities are regulated by Spanish legislation

Royal Decree 1836

Royal Decree 783

Royal Decree 1836 regulates authorization procedure, personnel accreditation, licensees obligations, inspection and control activities

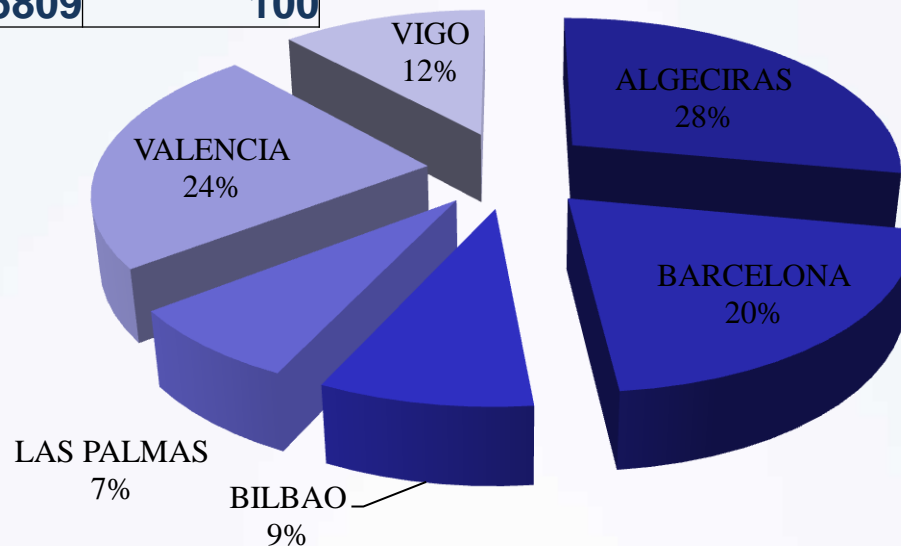
Royal Decree 783 classifies workers depending on their work conditions, places of work into different radiological areas, requirements for dose determination, and workers training and surveillance



Spanish scanning experience

- Containers scanned by port in 2013 -

Place	2013	(%)
ALGECIRAS	6709	26
BARCELONA	4831	19
BILBAO	1944	8
LAS PALMAS	1929	7
VALENCIA	5583	22
VIGO	2800	11
TOTAL	25809	100

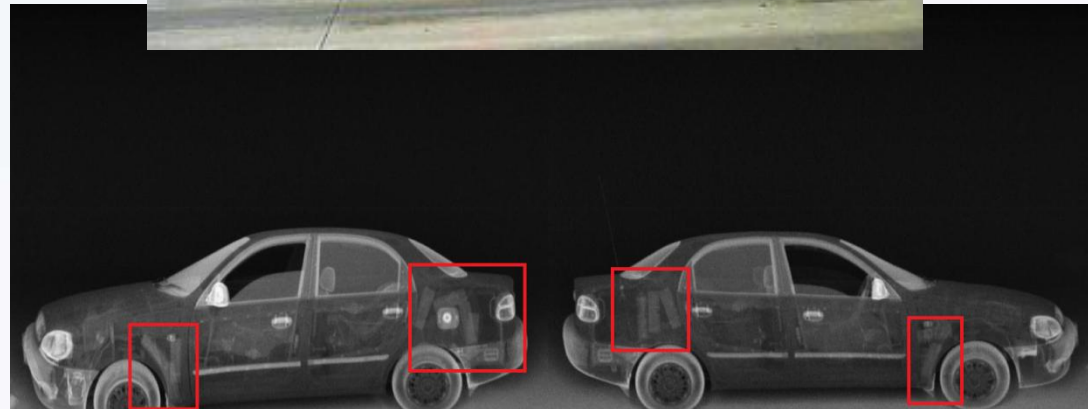
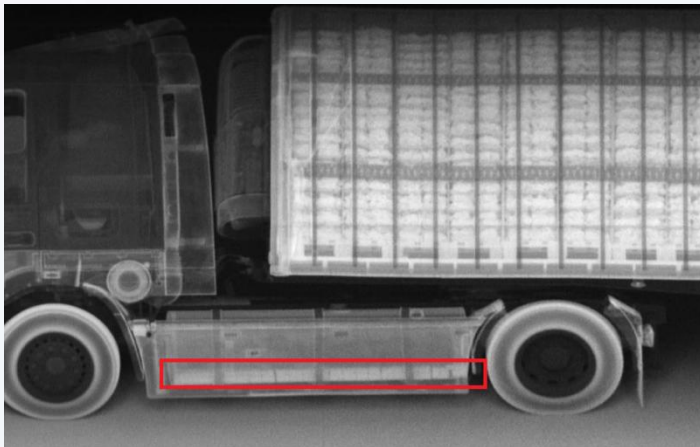


Spanish scanning experience

- Z BACKSCATTER VAN-

Backscatter technology: Intensity of the system is sixteen lower than the intensity of containers scanners, so, radiation protection requirements are much smaller, with the following advantages:

- Capacity
- Versatility
- Mobility



Thank you very much



Agencia Tributaria

www.agenciatributaria.es

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