

Shipments of Waste Enforcement Actions Project

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Project Leader



The IMPEL LIFE SWEAP project (LIFE17 GIE/BE/000480) has received funding from the LIFE programme of the European Union

European Union Network for the Implementation and Enforcement of Environmental Law (IMPEL)

<https://vimeo.com/177987738>

Waste and TFS Expert Team

- SWEAP
- China Plastics Ban
- Asian and African collaboration
- Landfill Inspection Project
- National Contact Point Best Practice meetings
- Waste & TFS Conference
- Implementation of the WEEE Directive



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SWEAP partners

- Five year EU funded project July 2018 to June 2023
- IMPEL is the co-ordinating beneficiary
- Associated Beneficiaries:
 - Scotland (SEPA), England (EA), Ireland (NTFSO), Northern Ireland (NIEA), Slovenia (IRSOP) and Malta (ERA)
- 34 participating countries

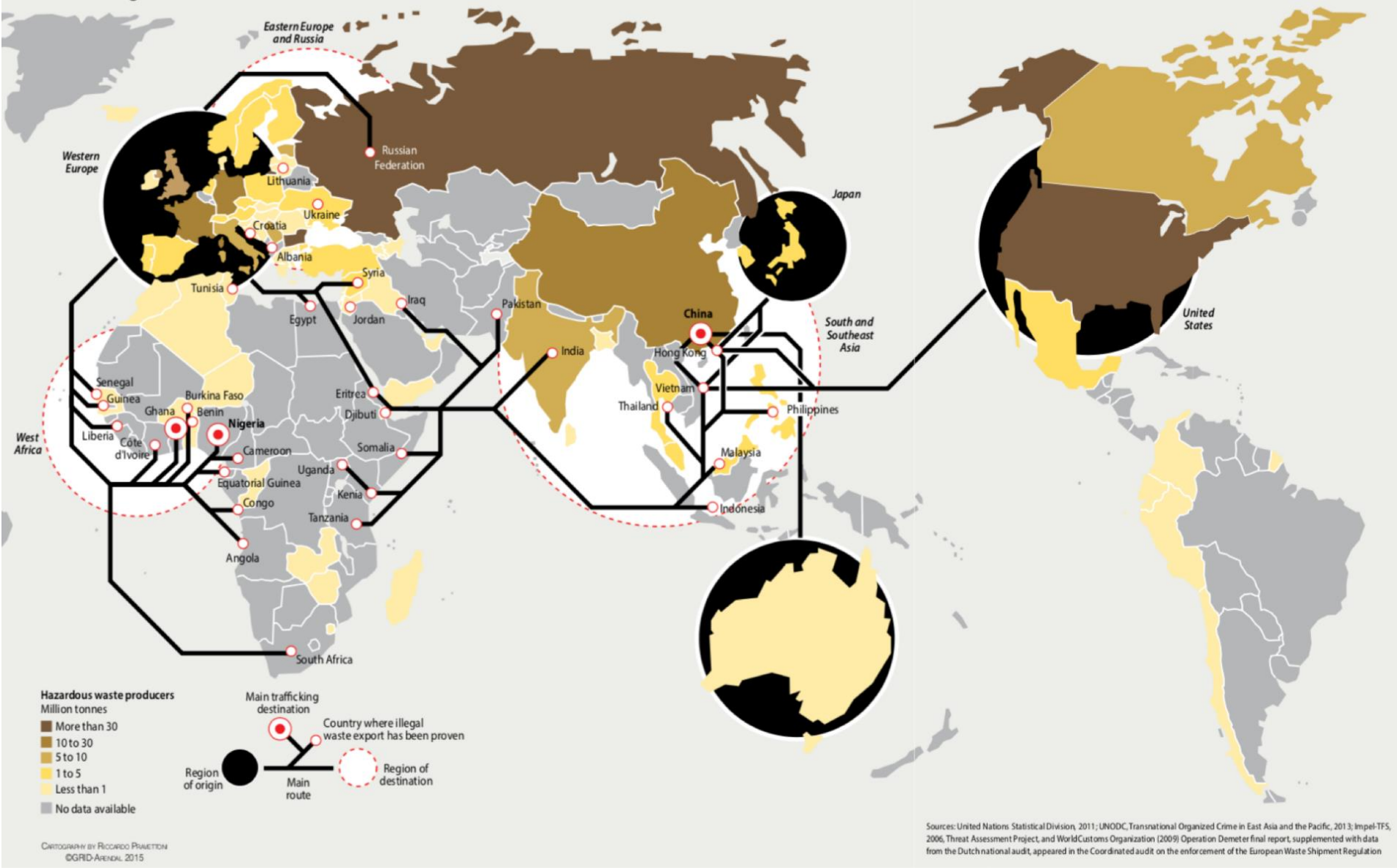


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Global illegal waste traffic



Sources: United Nations Statistical Division, 2011; UNODC, Transnational Organized Crime in East Asia and the Pacific, 2013; Impel-TFS, 2006, Threat Assessment Project, and World Customs Organization (2009) Operation Demeter final report, supplemented with data from the Dutch national audit, appeared in the Coordinated audit on the enforcement of the European Waste Shipment Regulation

Enforcement Actions (from 2003)



Officer exchanges
& training

Guidance

Useful &
respected data!

Legislative change

Participants meet
legislative
requirements

Joint operations

Network frontline
officers + police
and customs

SWEAP work packages



Capacity building and training

150 customs officers
Inspection exchanges
Best practice meetings



45,000 co-ordinated inspections throughout the waste management chain



International collaboration, communication and awareness-raising



Innovative enforcement tools

- Reporting app
- Inspection app
- GPS tracking
- Shipment mapping
- Online training



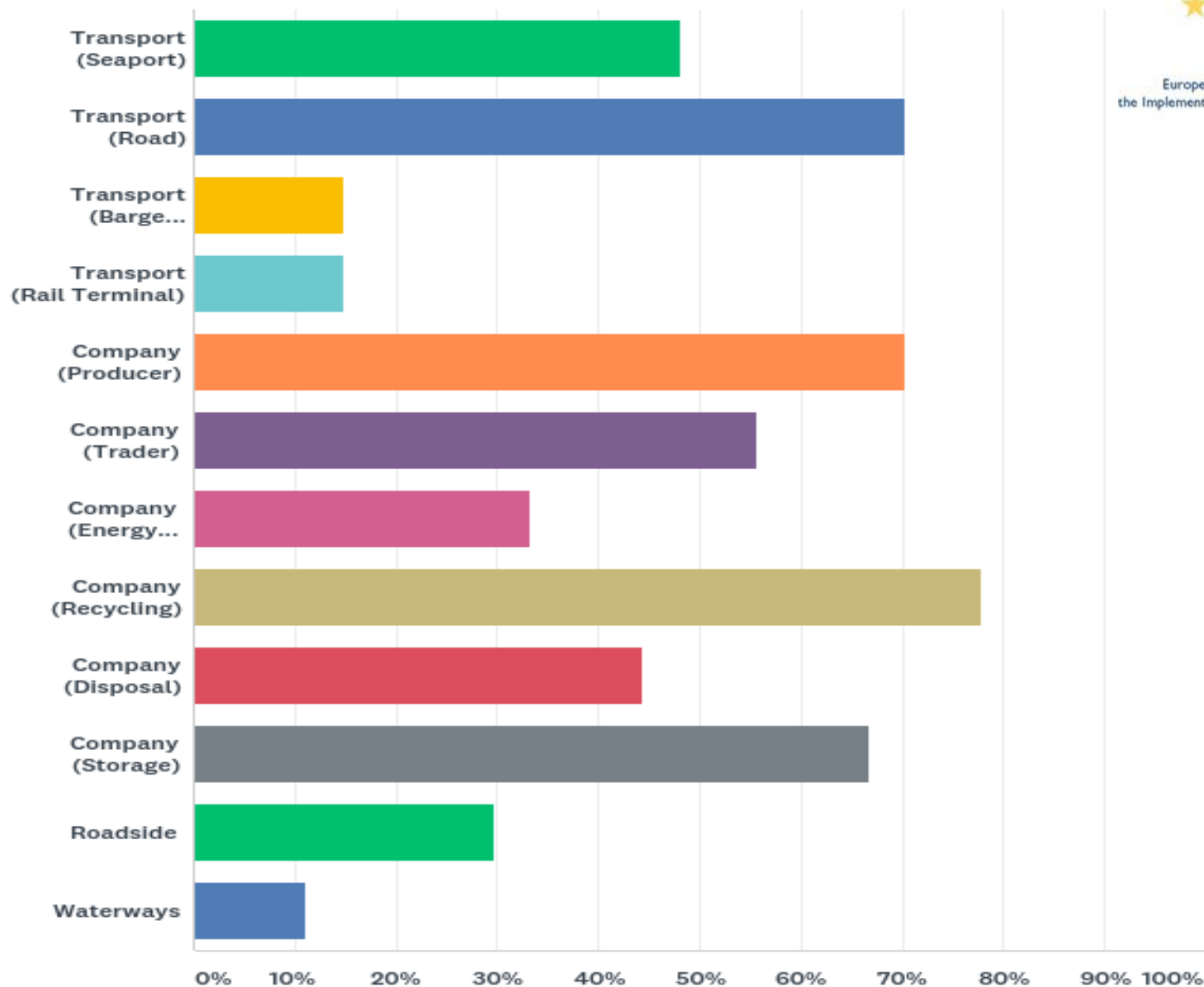
Intelligence gathering and sharing

- Intelligence products
- Nominal data exchange
- Working with Europol

Types of inspection



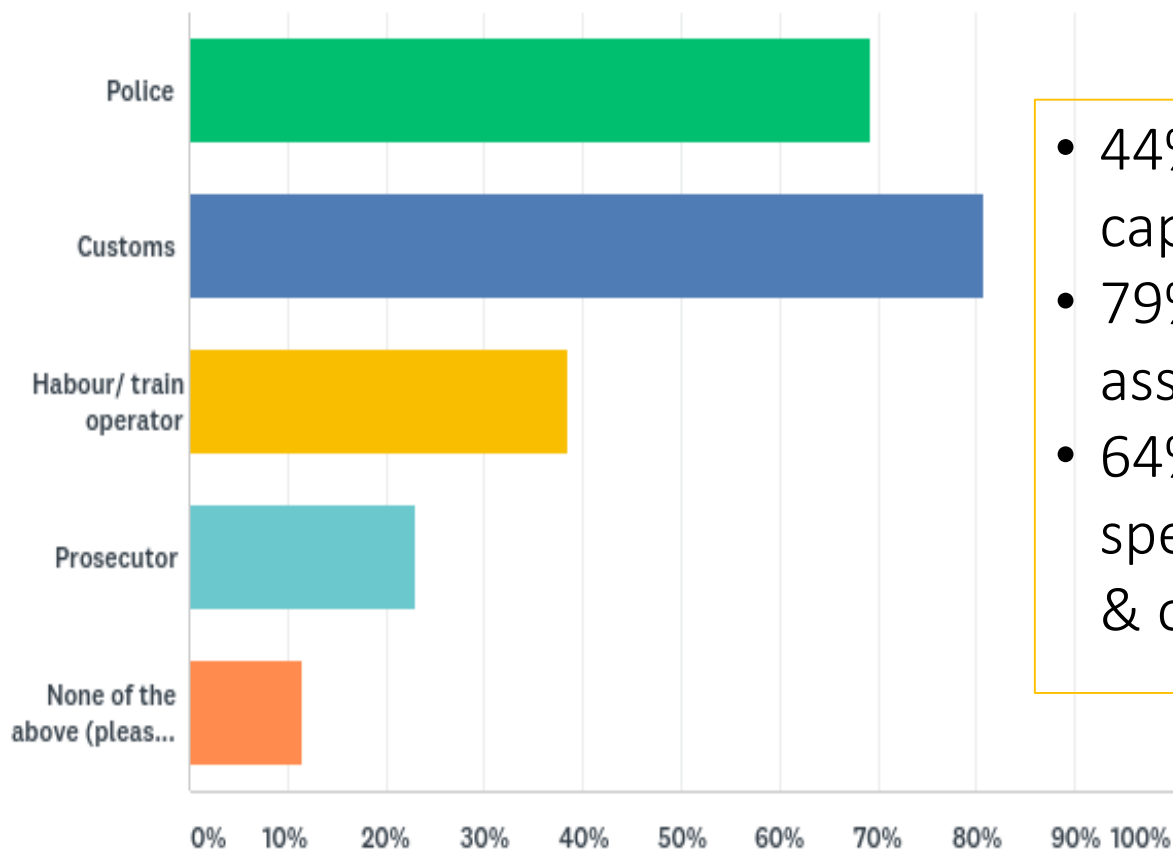
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Co-operation between authorities

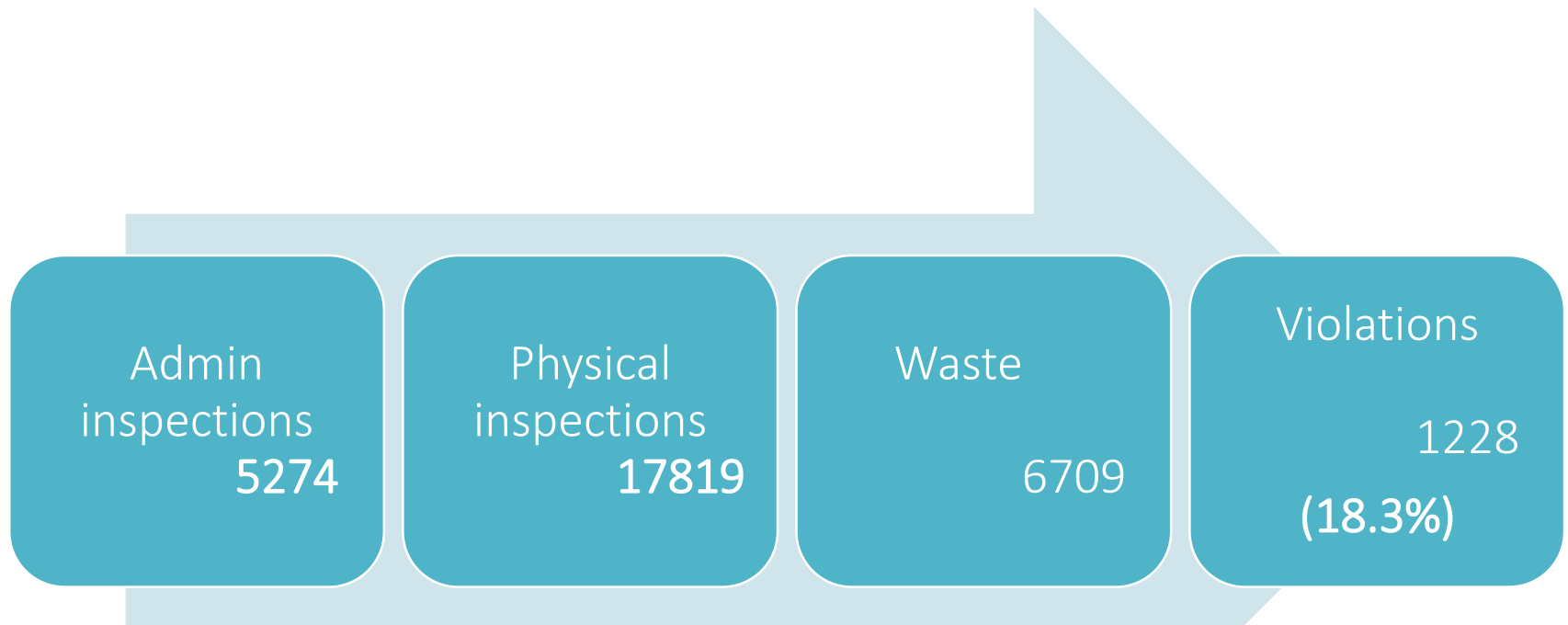


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- 44% have intelligence capacity
- 79% use risk assessment
- 64% concentrate on specific waste streams & operators

Results June 2018 to present



WCO Operation Demeter V

IMPEL participating countries: Cyprus, Germany, Netherlands, Croatia, Romania, Northern Ireland, Czech Republic, Slovenia, Sweden, Austria, Switzerland, Poland, Finland, Luxembourg, Denmark and Portugal



Countries submitting results

Missing:

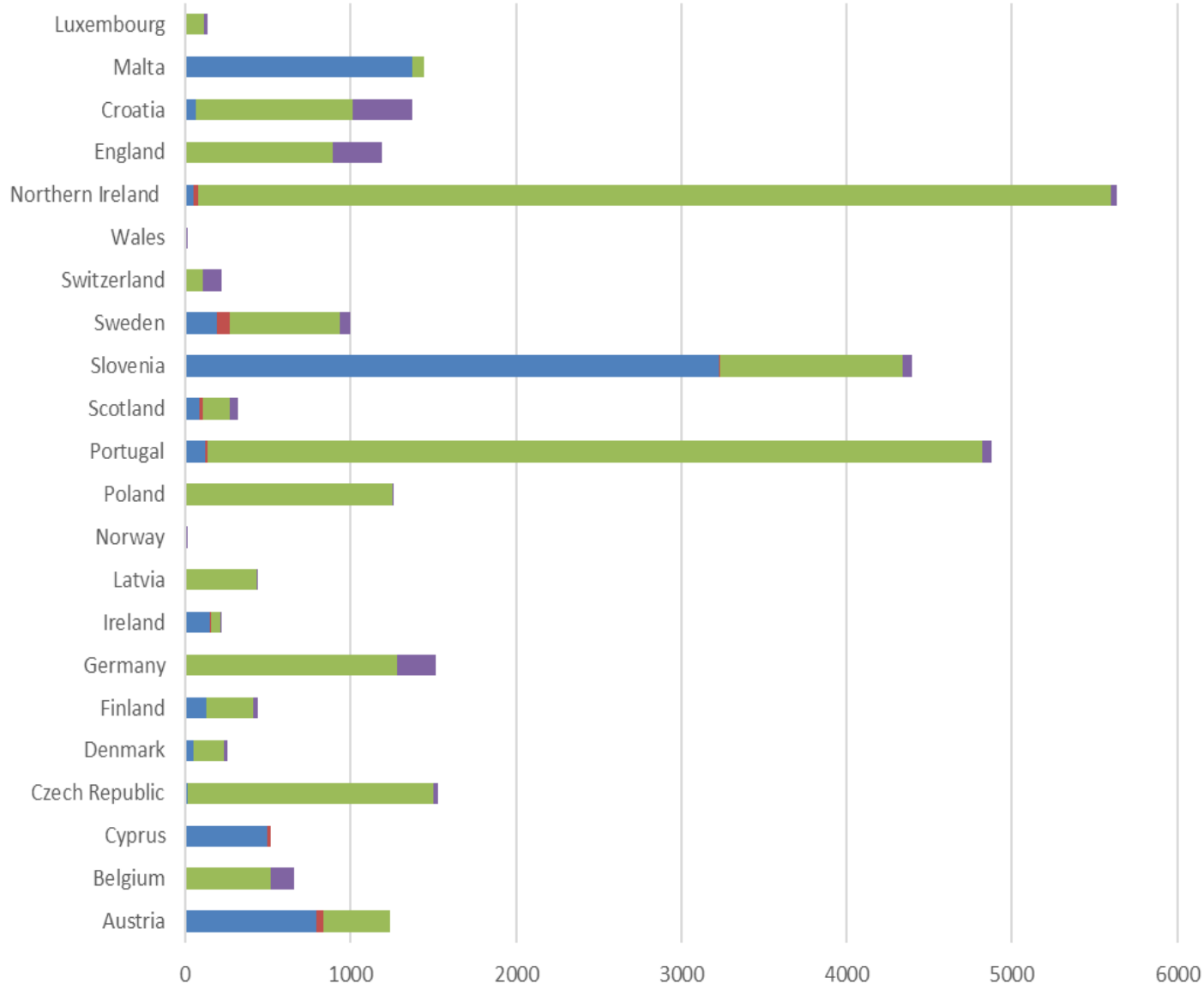
Albania, Bulgaria, Hungary,
Greece, Kosovo, Lithuania,
Iceland, *Italy*, FYR Macedonia,
Netherlands, Slovak Republic,
Spain, *Turkey*



League table

Years ▼

Sum of Admin Checks Sum of Admin Violations Sum of Physical Checks Sum of Physical Violations



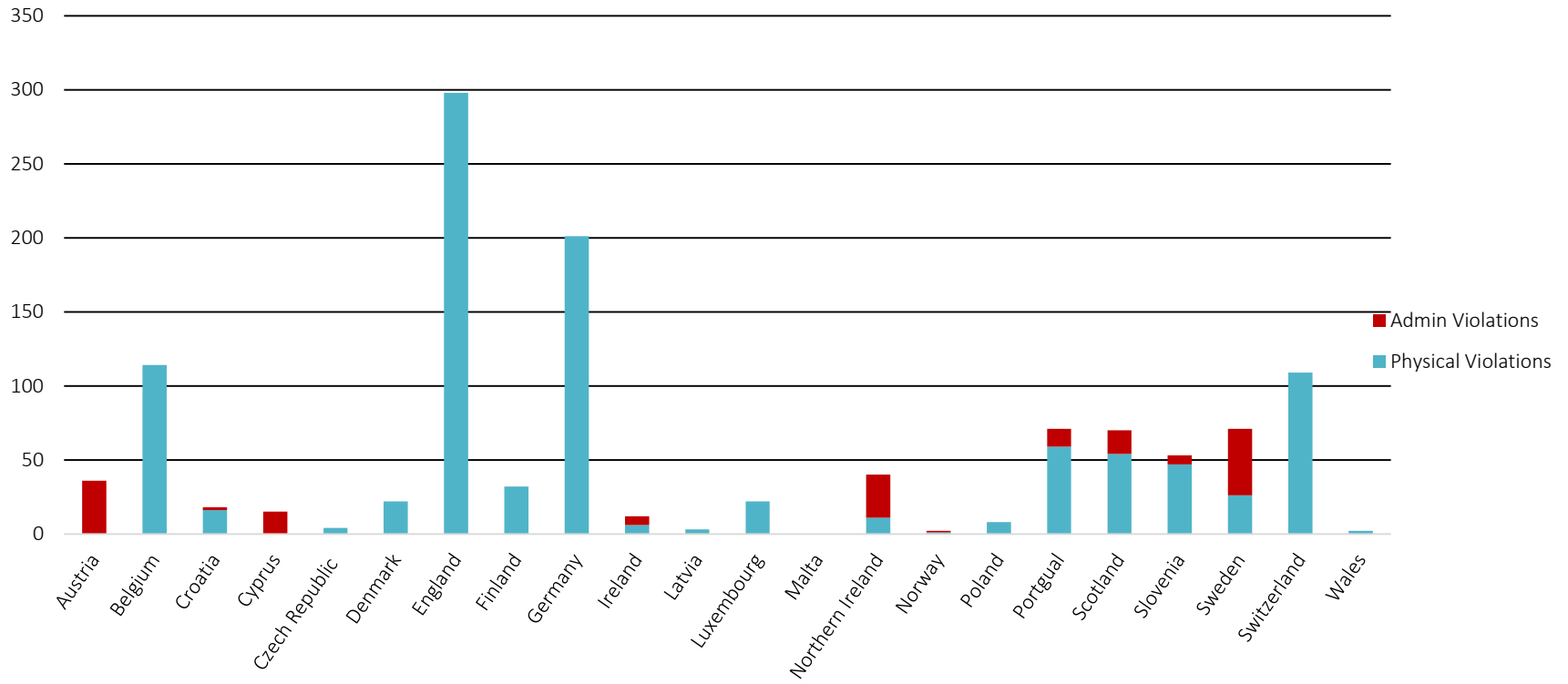
Values

- Sum of Admin Checks
- Sum of Admin Violations
- Sum of Physical Checks
- Sum of Physical Violations

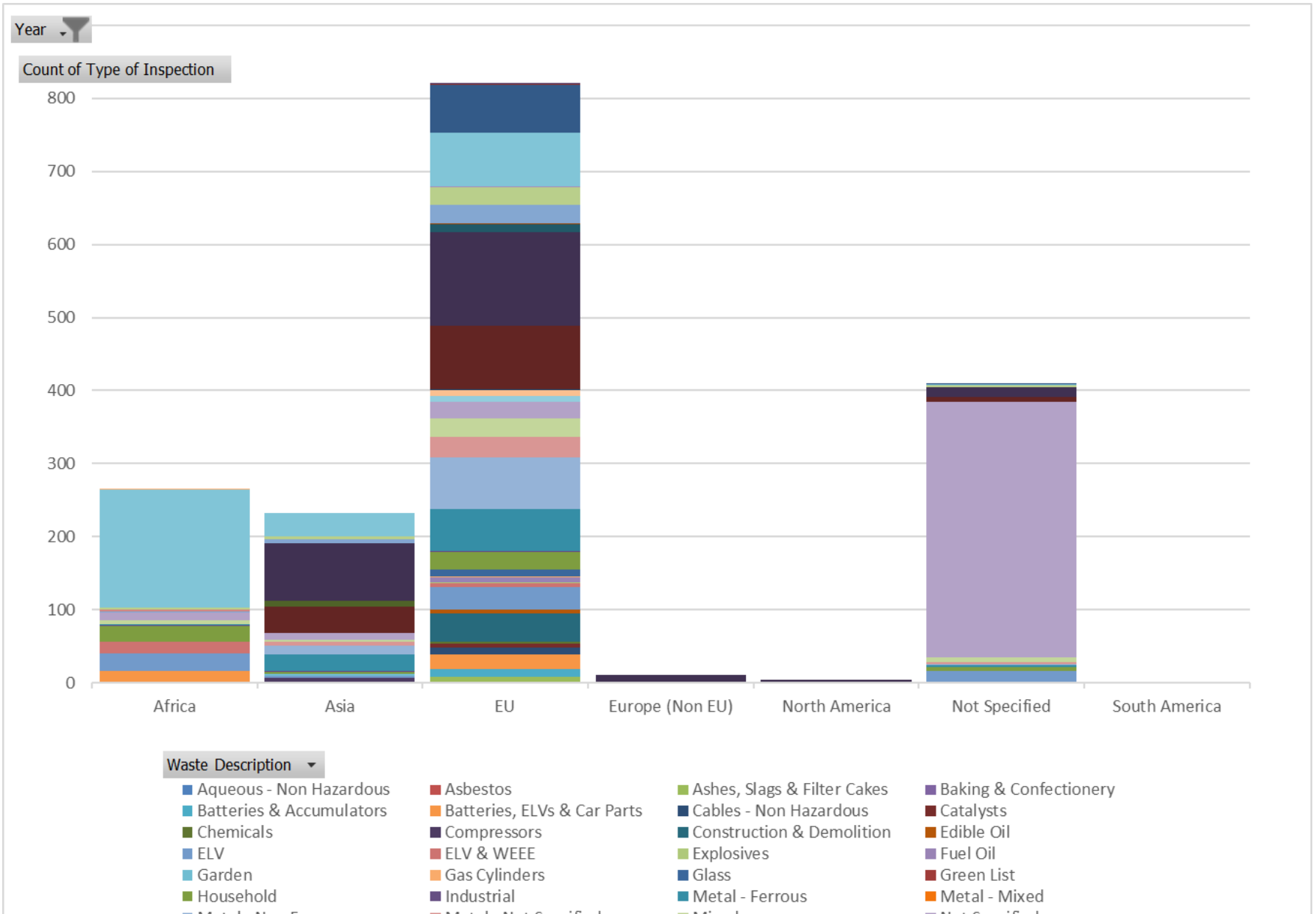
Country ▼

Violations detected

Total Company and Transport violations



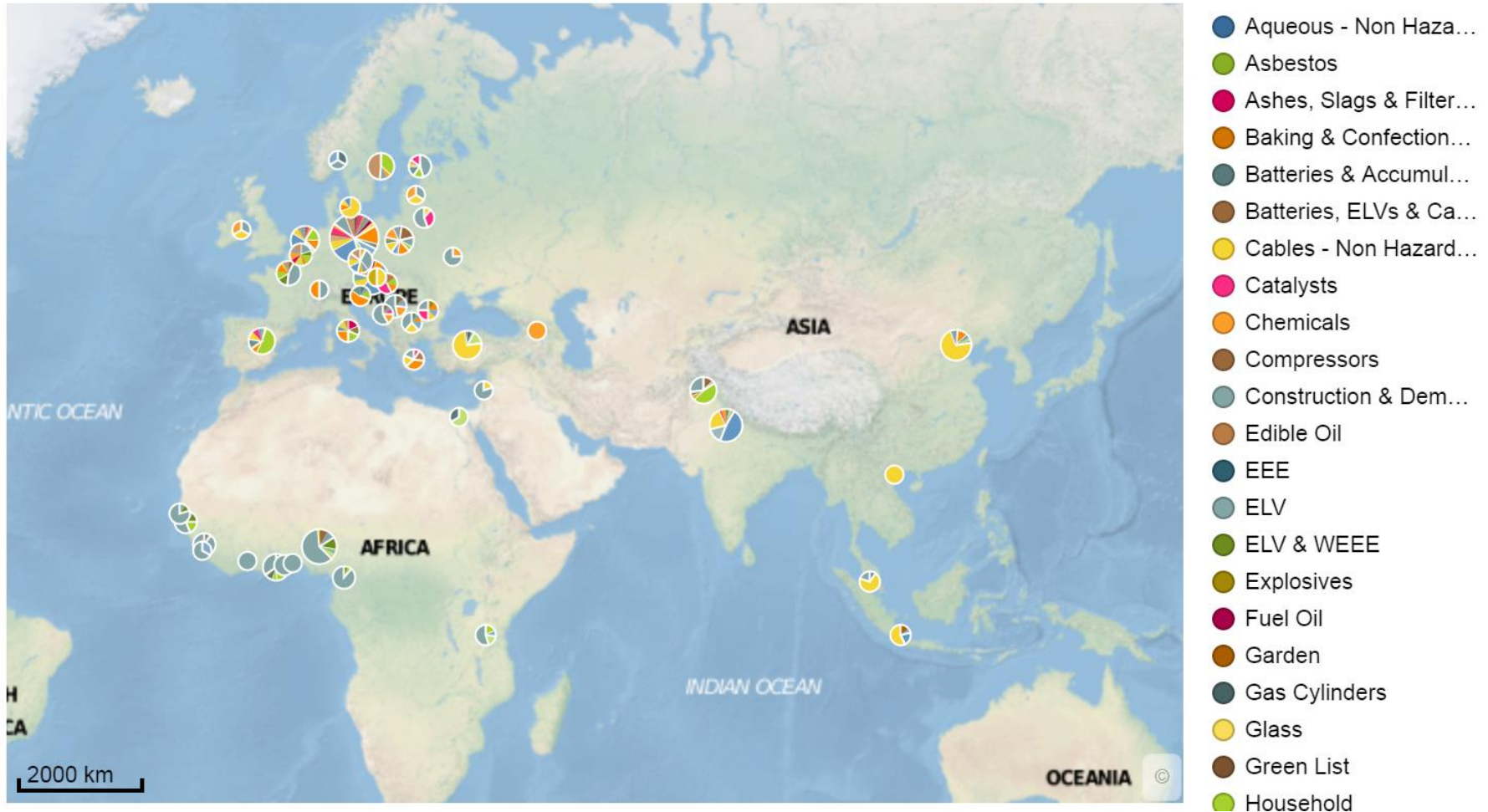
Destinations



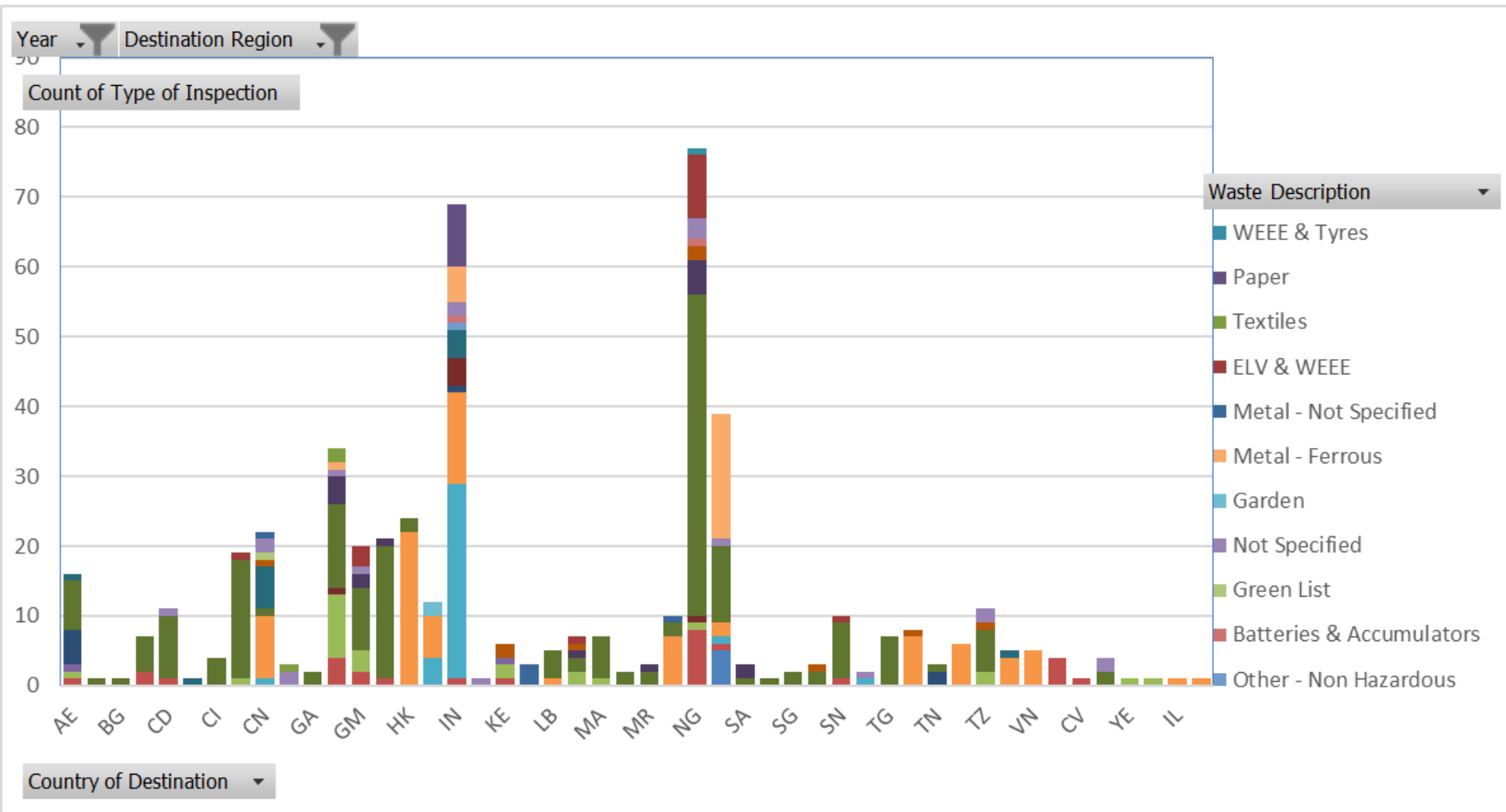
Mapping illegality

Violations by Destination Country

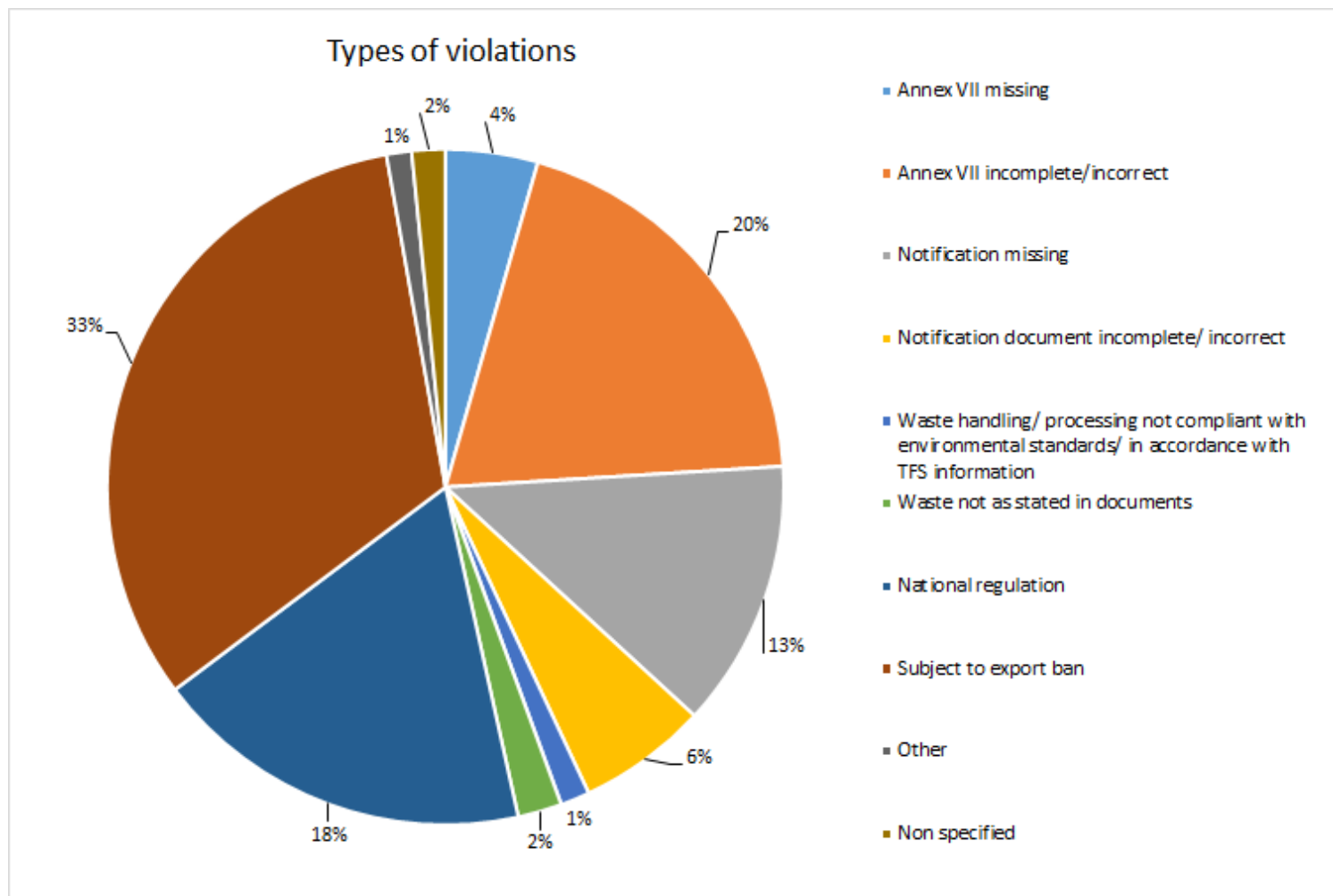
Size of pie charts denotes the number of instances where the waste type is reported for each destination country



Violations (non-EU destinations)

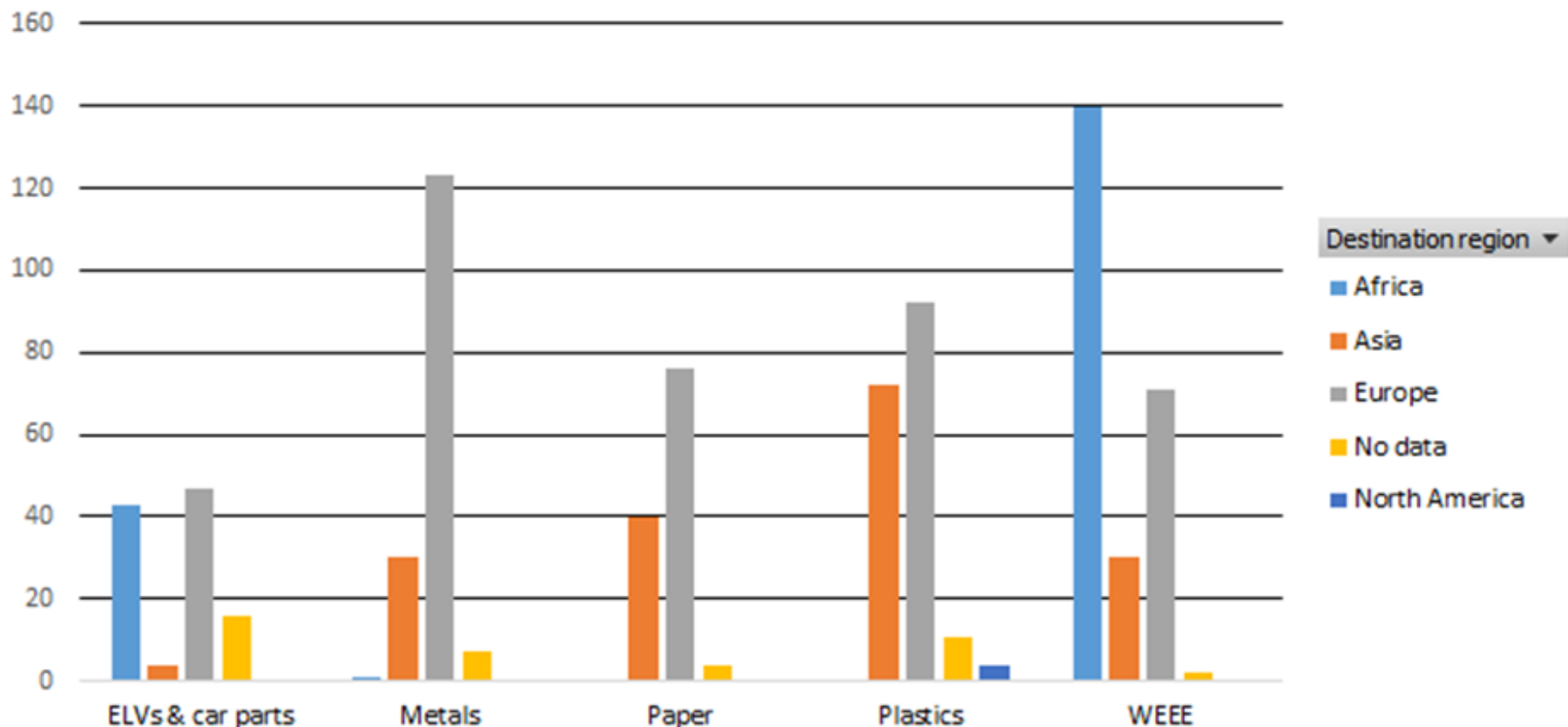


Types of offences



Sum of Count

Destination region of the waste types with most violations



Waste type ▾



SWEAP

Shipped as waste paper



Abandoned imports pile up at City ports

Update: May, 30/2018 - 09:00



Cát Lái Port in HCM City's District 2. — VNA/VNS Photo Thế Anh

Viet Nam News HCM CITY — Following China's ban on import of plastic wastes, a lot of them are coming instead to Việt Nam, but with consignees failing to claim shipments, the wastes are piling up at ports including in HCM City.

MALAYSIA AND VIETNAM FOLLOW CHINA'S LEAD WITH WASTE IMPORT RESTRICTIONS

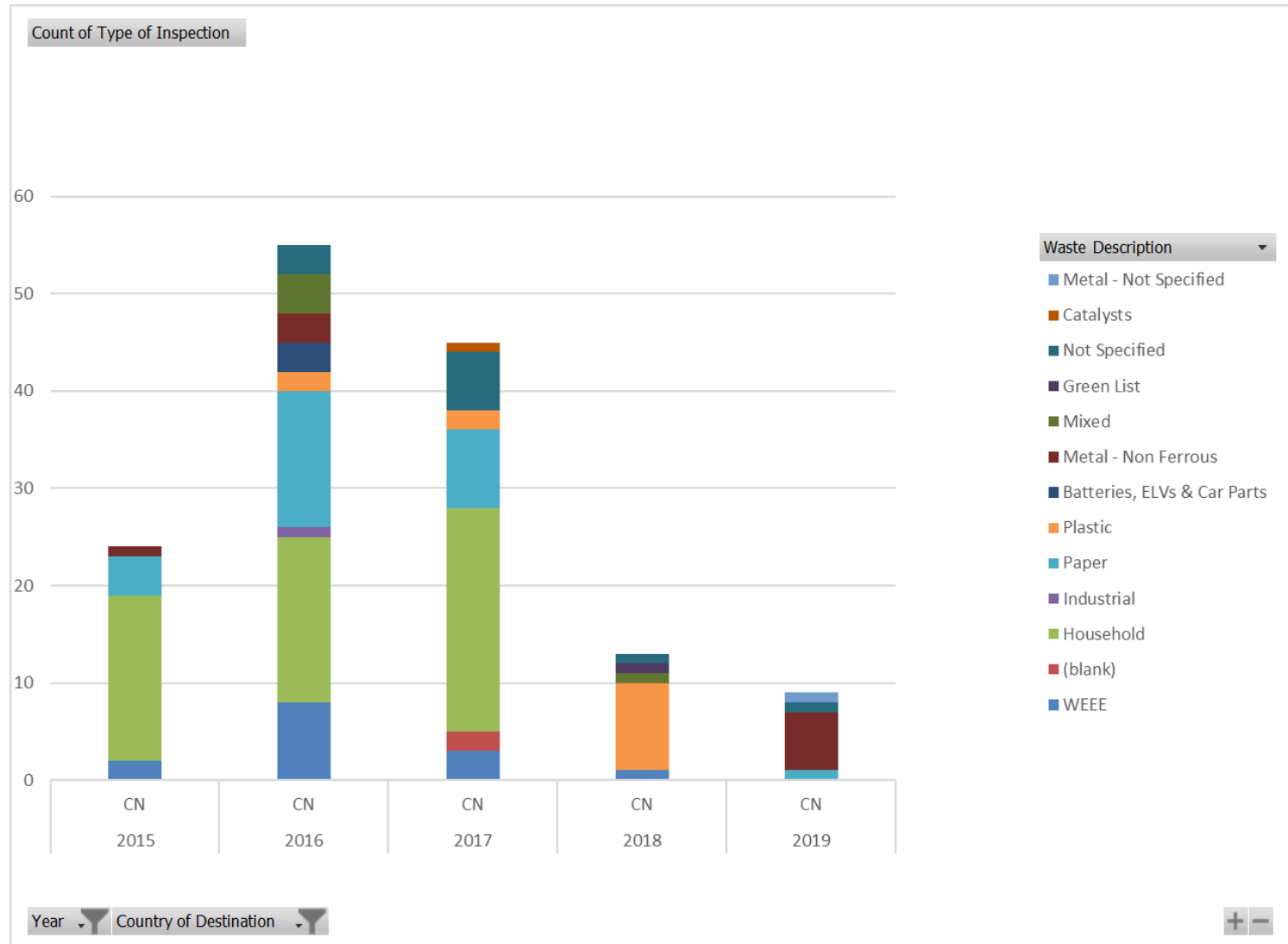
By [Rob Cole](#) | 6 August 2018 | [Add a Comment](#)

PRINT E-MAIL SHARE

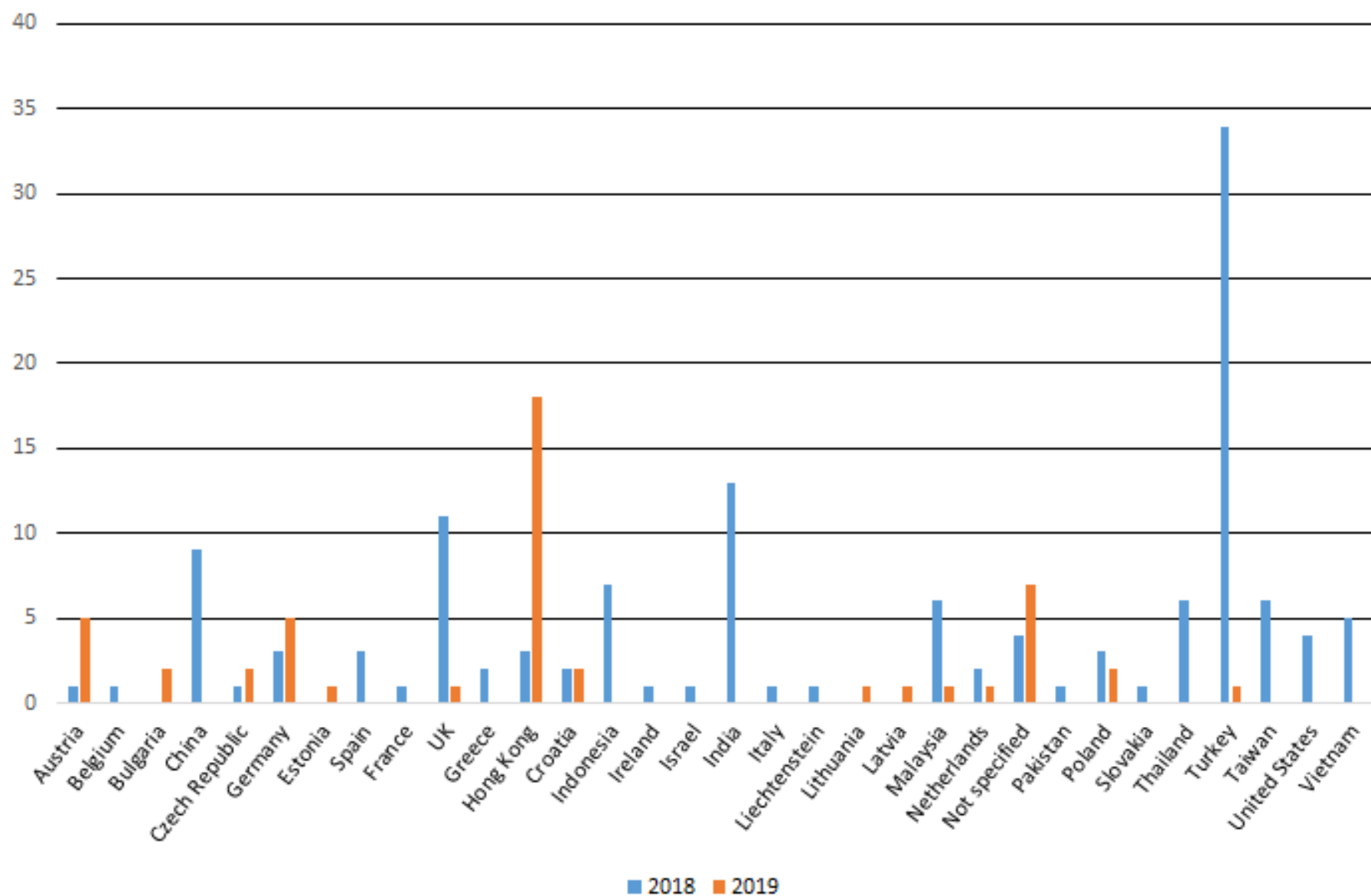
Both Vietnam and Malaysia have introduced import restrictions in response to the increased volumes of waste entering the countries in the months since China's ban on 24 grades of solid waste – casting further doubt on the ability of other South-East Asian economies to absorb China's lost capacity.

Last week, Vietnamese Prime Minister Nguyen Xuan Phuc announced that the country would not be issuing any new import licenses. Vietnam is set to follow up its new restrictions with a crackdown on smuggled waste as more than 6,000 containers of paper, plastic and metal scrap remain in limbo at Vietnamese customs points awaiting processing, according to reporting by *Reuters*.

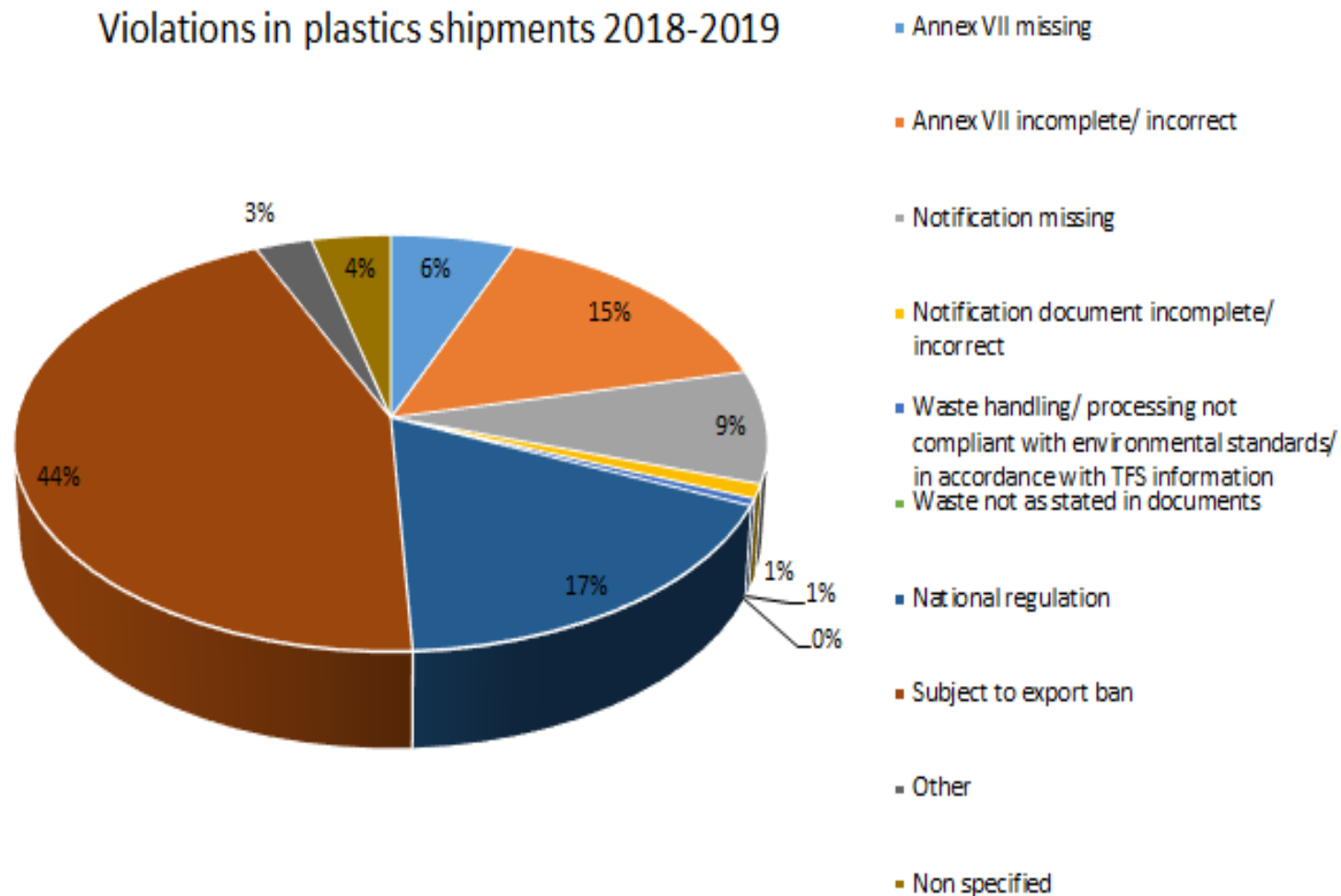
Illegal shipments to China



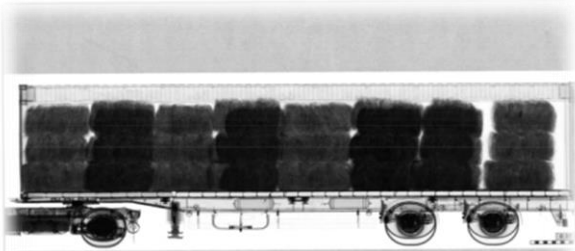
Destination of plastics in 2018 and 2019



Violations in plastics shipments 2018-2019



Officer exchanges and training



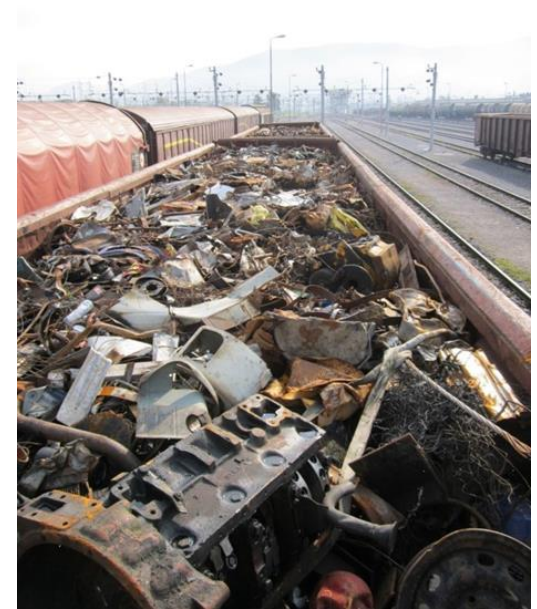
Training in
Rotterdam for
new inspectors



Exchanges

Officers have learned how:

- to involve neighbouring countries and other national regulators in inspections
- different types of waste should be assessed
- enforcement can be structured
- to prioritise waste streams
- to inspect waste sites
- health and safety procedures: how to open containers safely and analyse for fumigants



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Multi-country exchanges



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Focus on refuse derived
fuel

Two-part exchange

- Import – capacity & storage
- Export – storage & standards
- Industry involvement
- Border inspections

Trialling drones for
individual loads

Sweden, Hungary,
Norway, Denmark, UK,
ROI, Netherlands,
Estonia & Poland

Visualising data



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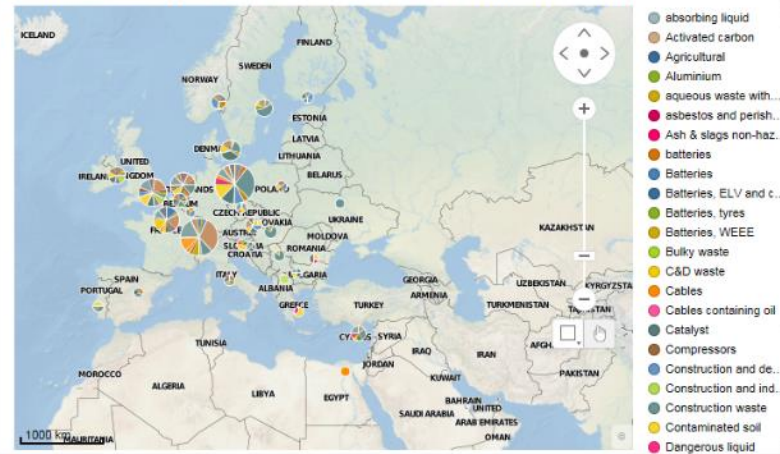
Violations by Reporting Country

Size of pie charts denotes the number of instances where the waste type is reported for each reporting country



Violations by Dispatch Country

Size of pie charts denotes the number of instances where the waste type is reported for each dispatch country



Violations by Destination Country

Size of pie charts denotes the number of instances where the waste type is reported for each destination country



Authorities' dashboard



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Admin inspection result

Intel
On site
Other
Random

Flow of Waste per Waste Type

Size of pie charts denotes the number of loads of each waste type

Hover over pie charts on map to see a summary of the data

Inspection Location:

Type to search in list

(All) 6 values

Barge
No data
Producer
Rail
Road

Reporting Country:

Type to search in list

(All) 18 values

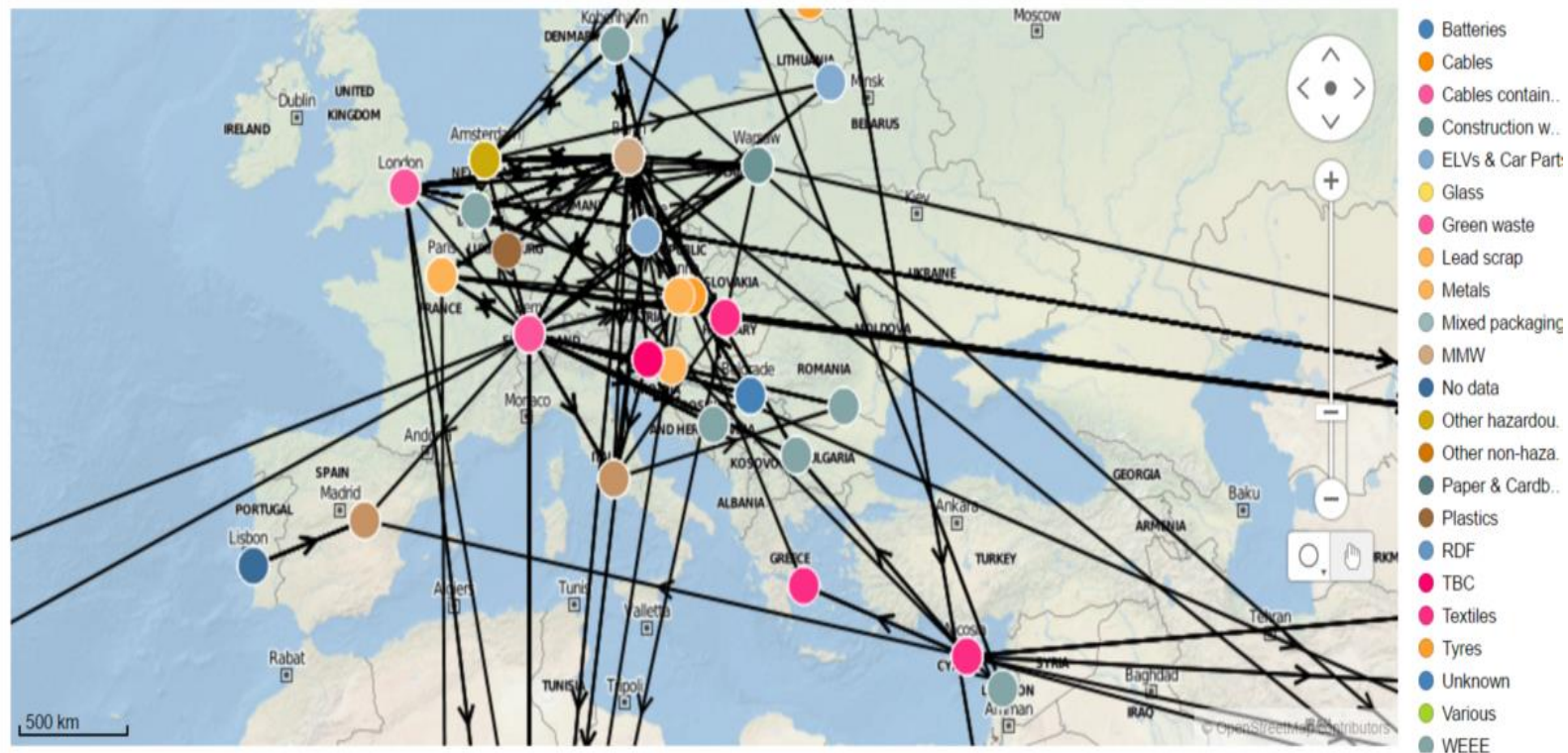
Austria
Belgium
Cyprus
Czech Republic
Denmark

Year:

Type to search in list

(All) 3 values

2014
2015
2016



All Waste Flows

Authority Collaboration	Reason for Inspection	Type of Inspection	Violation	Action
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All Waste Flows

Country of Dispatch	Country of Destination	Waste Description	EW / E
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Online tools: Prevent



IMPEL PREVENT

HOME

SHIPMENT OF WASTE

WILDLIFE

WASTE CRIME

LOG IN / REGISTER



Portal for Environmental Enforcers

The Online Toolkits are free to members of relevant Competent Authorities. Please [log in or register](#) and once we verify your information, we will forward you a password to access the content.



Shipment of Waste



Wildlife

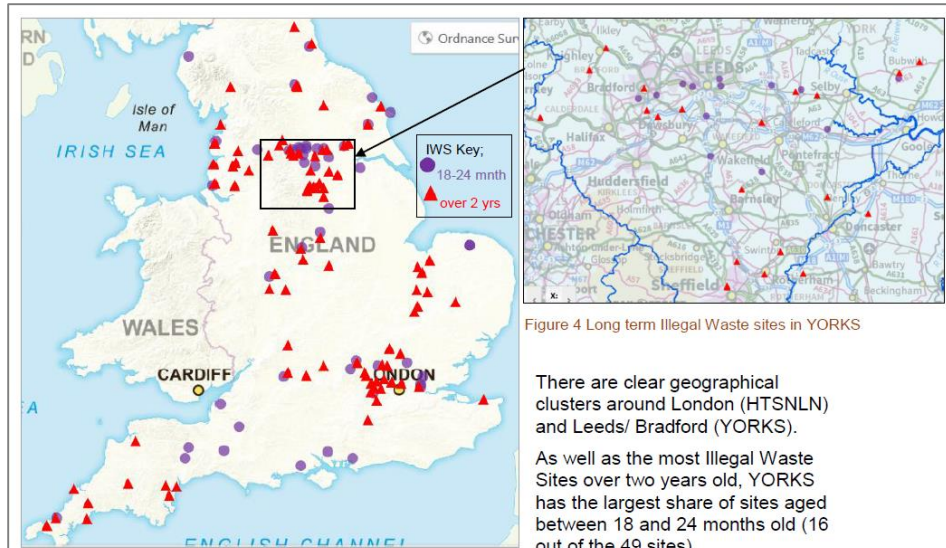


Waste Crime

Intelligence-led inspections

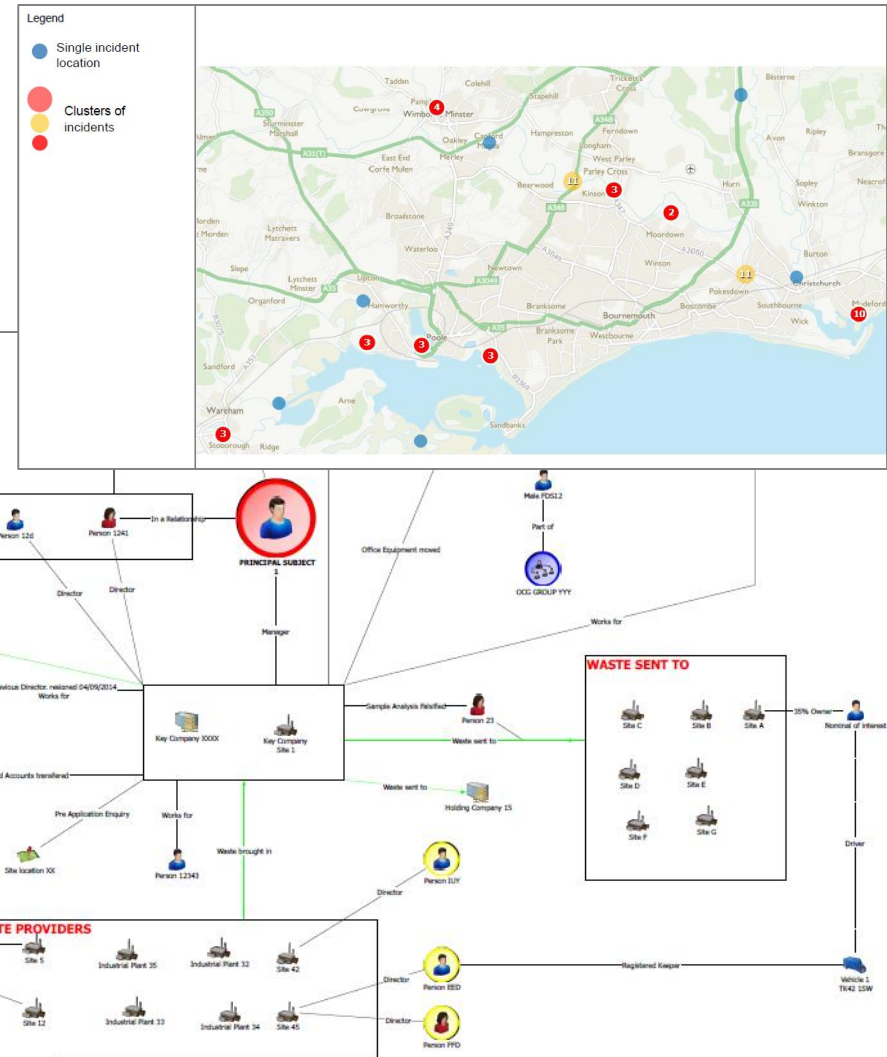
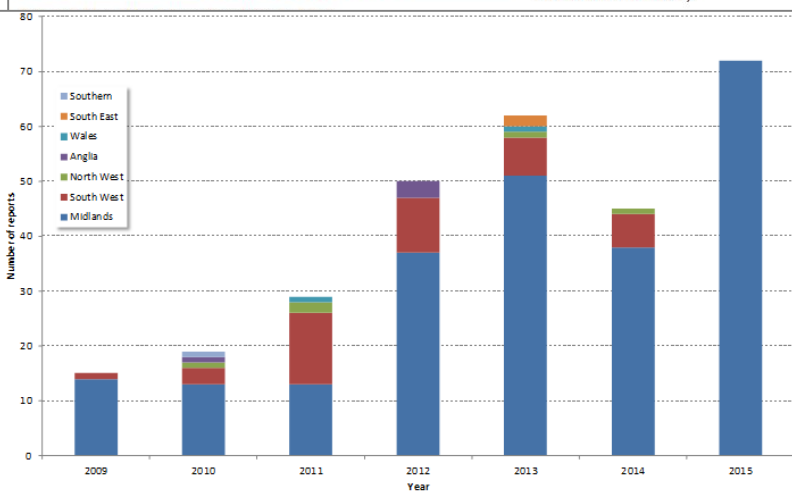


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There are clear geographical clusters around London (HTSNLN) and Leeds/ Bradford (YORKS).

As well as the most Illegal Waste Sites over two years old, YORKS has the largest share of sites aged between 18 and 24 months old (16 out of the 49 sites).



Reporting App



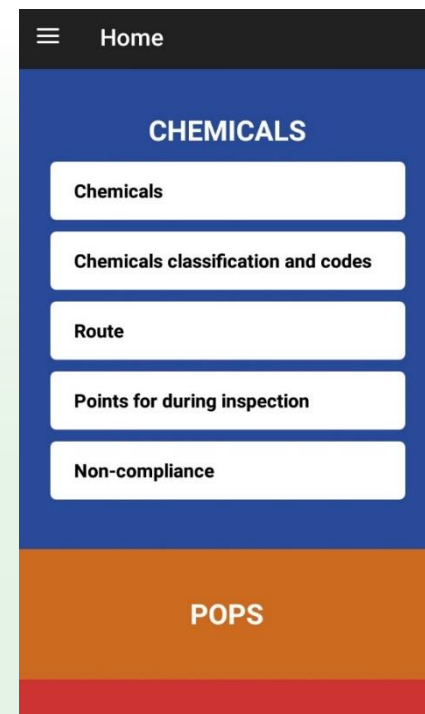
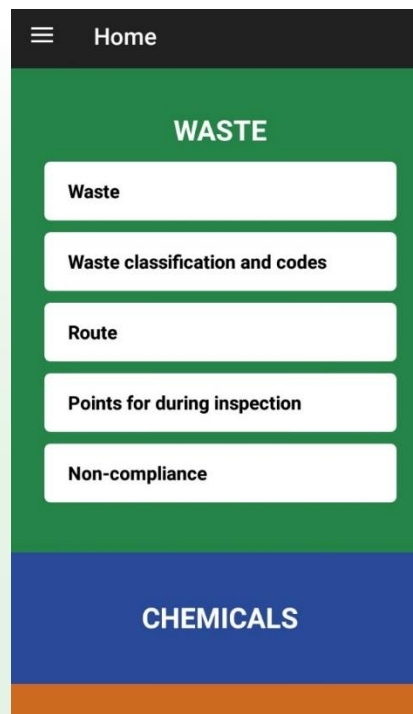
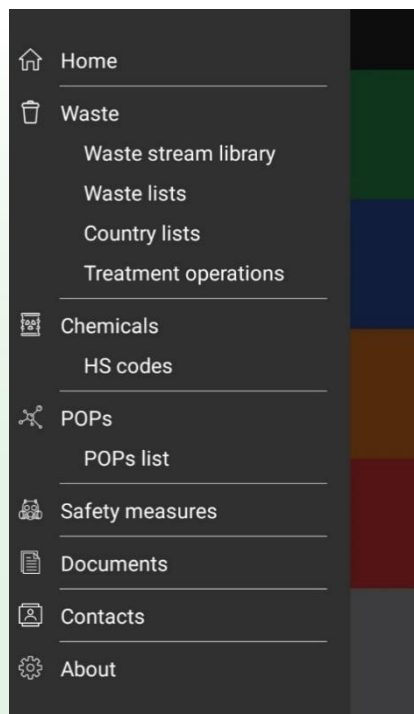
- Collect, report and store inspection data online
- Flagging system
- Directly feeding into other systems via API-file (e.g. Spotfire and Europol SIENA)

IMPEL Design Proposal V2 (blue with green accents)

The app interface consists of four main screens:

- Login Screen:** Features the SWEAP logo, email input (example@gmail.com), password input (represented by dots), a green 'Login' button, and a 'Forgot password?' link.
- My Inspections Screen:** Displays a list of inspections under 'Open Inspections' and 'Finalised Inspections'. Each entry shows a reference number (e.g., UK-LD-01-03-2019b) and a right arrow. A green '+' button is at the bottom.
- Menu Screen:** Shows a sidebar menu with options: 'My inspections', 'New inspection', 'Alerts', 'About this app', 'About SWEAP', 'Contact IMPEL', and 'My profile'.
- New Inspection Form (Step 1):** A multi-step form with fields for: Country (UK), Region (Greater London), Location (text input), Authority (ILT), Date and time (3 July 2019 13:34), Reference number (UK-LD-01-03-2019b), Type of inspection (Transport), Subtype of inspection (Seaport), Detection method (Result of risk analysis), and Cooperating authorities (Police, customs). Navigation buttons 'Previous' and 'Next' are at the bottom.

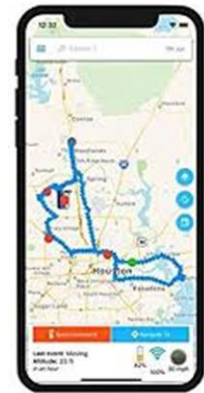
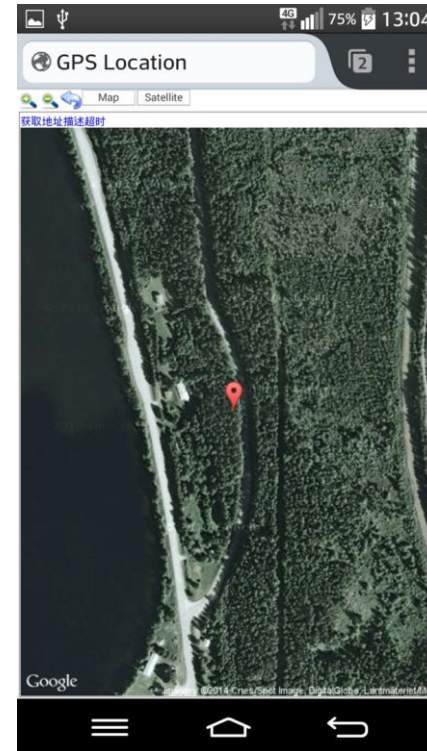
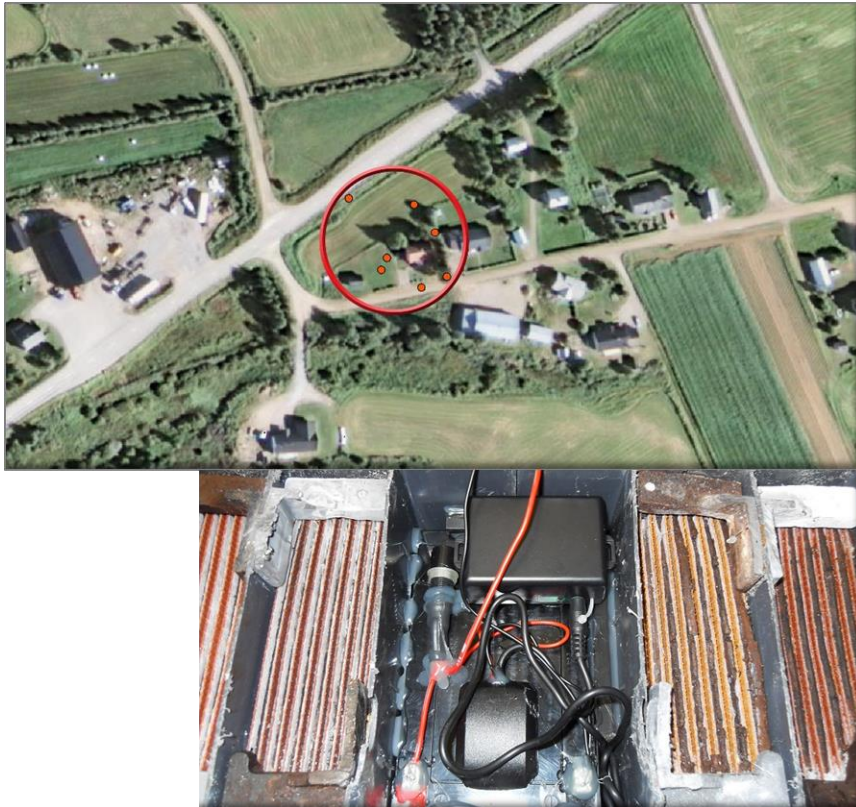
In field guidance app



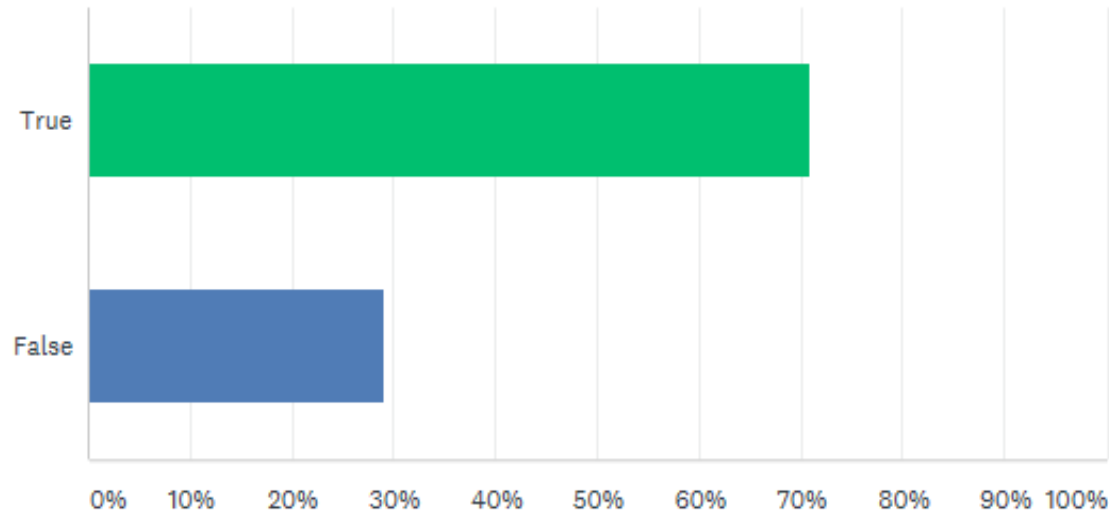
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LIFE SWEAP

GPS Trackers

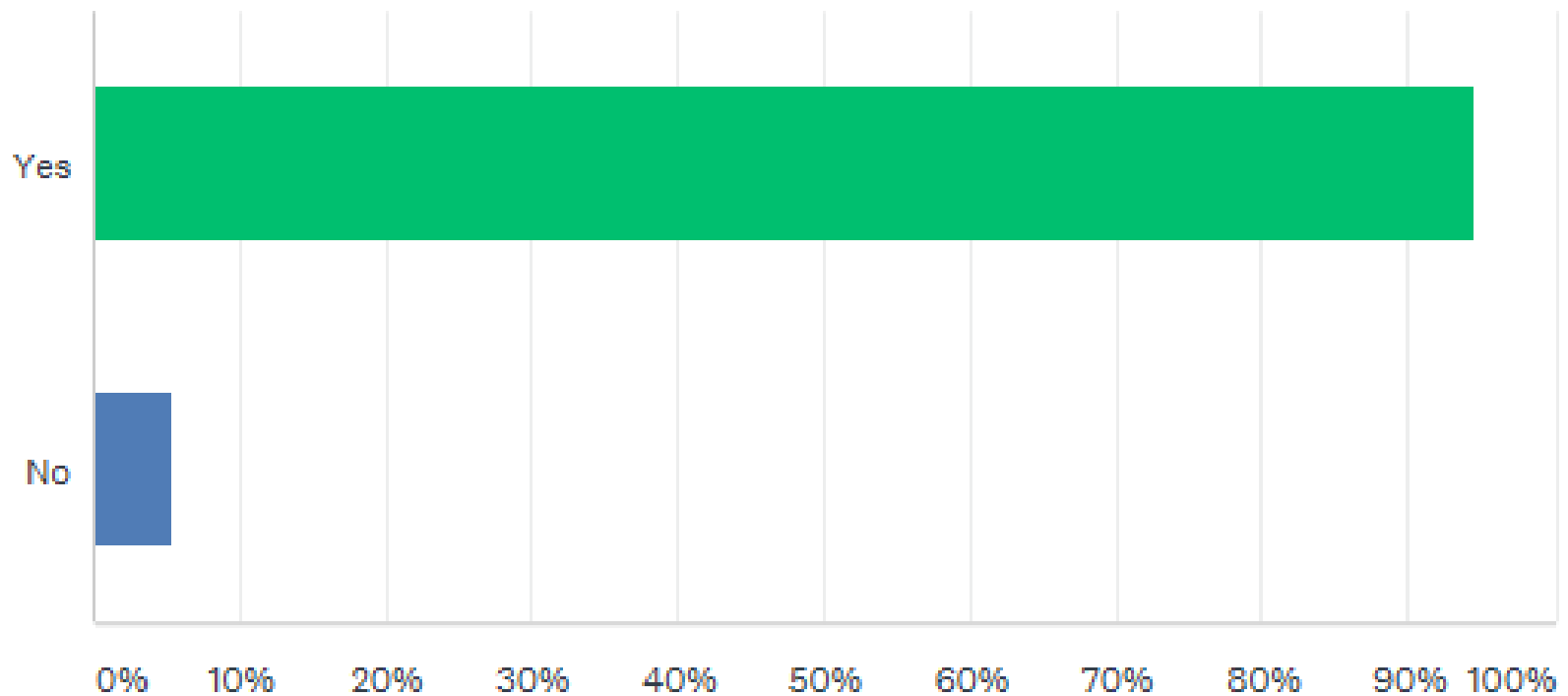


Countries taking part so far: Ireland, Romania, Denmark, Sweden and UK

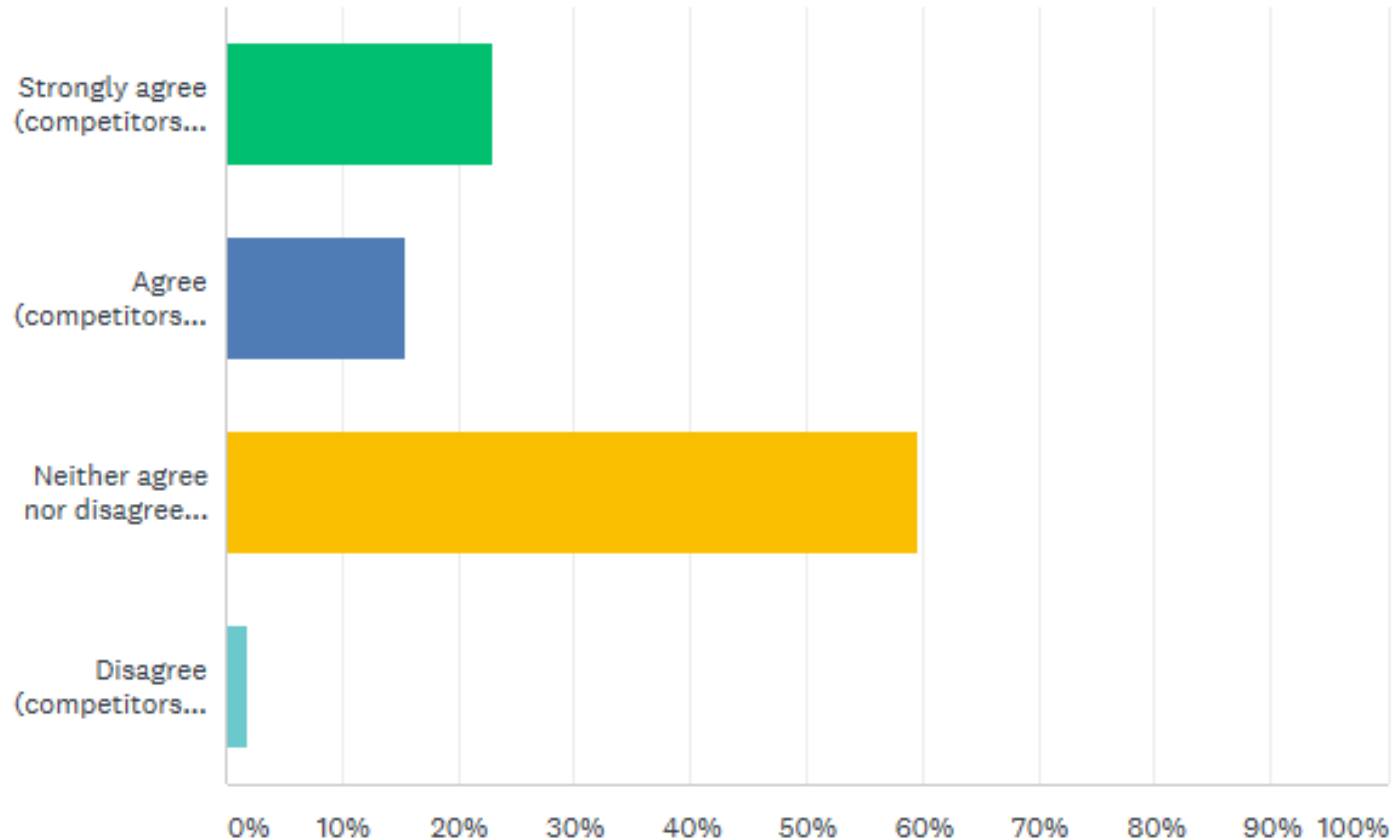


Industry survey – May 2019

Question - My company provides training on the environmental regulations that apply to shipping waste.



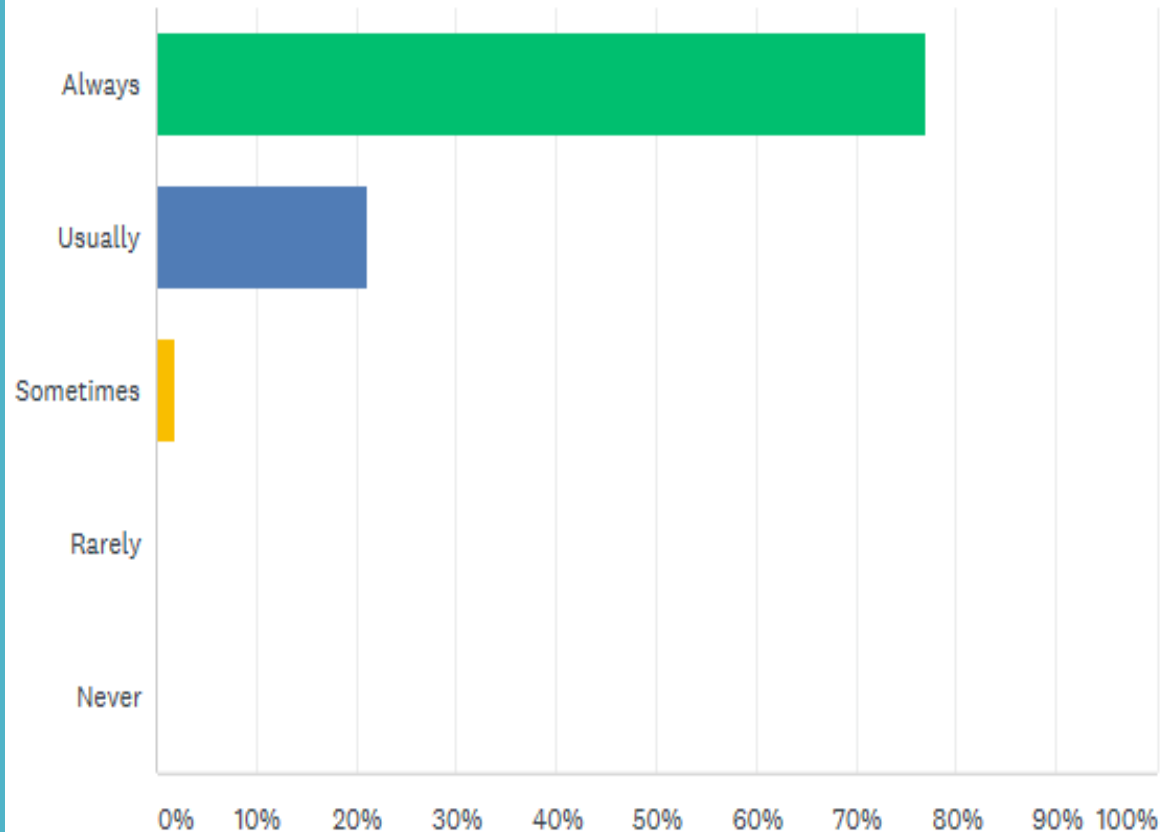
A quick quiz: Do you need to report rejected loads to the regulator?



My company is undercut by other waste companies shipping waste illegally

When exporting, do you know What happens to the waste you ship at its final destination?

Only 50% answered this question!



2020 plans

Exchanges in eastern, southern Europe and Turkey

Operation Demeter VI & Interpol?

Reporting app goes 'live' in March

Intelligence – more nominal data

Geographical visualisation

Additional modules to Online toolkit

Additional industry guidance documents

Best practice meeting – October in Slovenia





Building capacity and coordinating EU-wide inspections on shipments of waste to intensify the operational collaboration and enforcement actions between law enforcement communities

THE LIFE SWEAP PROJECT

The Shipment of Waste Enforcement Actions Project (SWEAP) project is co-funded by the European Commission



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Thank you for your attention

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