

# Legislation

- International waste transports:
- EU Waste Shipment Regulation 1013/2006 (EVOA)
- **Competent Authorities**
- *Belgium*: Federal (transit), Regions Flanders, Wallone and Brussels
- *Netherlands*: Minister of Infrastructure and the Environment



This Project is funded by the European Union

Project implemented by Human Dynamics Consortium

- **Supervision:**
  - Inspectorates working for the competent authorities
  - In cooperation with Customs and Police
- **Policing:**
  - Inspectorates
  - In cooperation with Police and Public Prosecution Service



This Project is funded by the European Union



Project implemented by Human Dynamics Consortium

## Supervision: collaboration ILT, Customs and Police

- Official MOU (training, support, exchange information)
- Training experts
- Support in profiling and inspections
- Incident room 24/7
- Joint enforcement activities
- Joint analysis



This Project is funded by the European Union

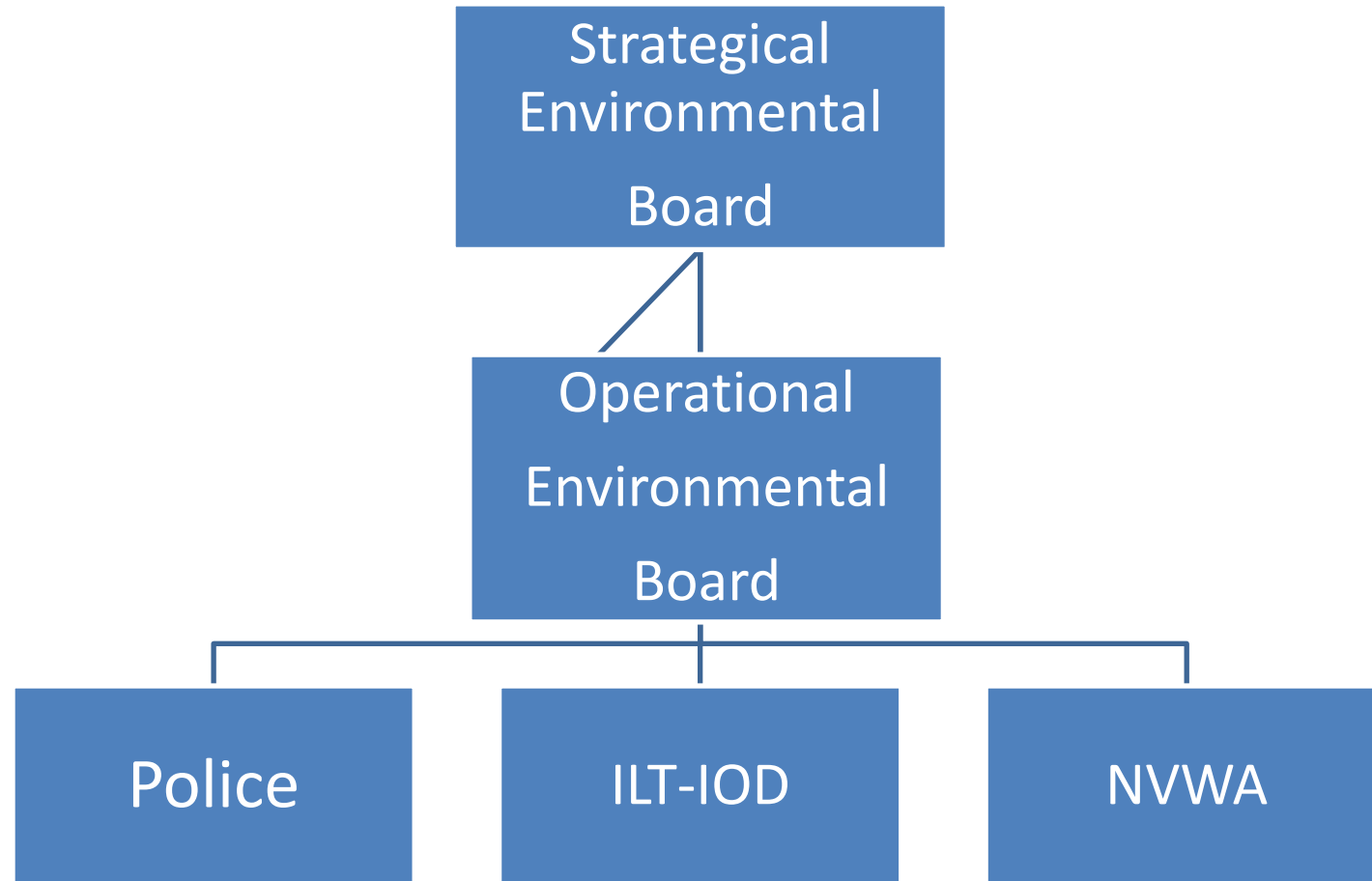
# training and experts

- Customs and police officer need to be trained on environmental laws
- Experts on TFS within Customs and Police
- Role of experts:
  - - training colleagues
  - - support in profiling
  - - first contact for frontline officers
  - - contactperson for env auth
  - - coordinator/support inspections/operations
  - - etc.



This Project is funded by the European Union

# Example (NL) cooperation policing...(NEST)



This Project is funded by the European Union

Project implemented by Human Dynamics Consortium

# Strategical Environmental Board

- Members:
  - Public Prosecutor (Head)
  - National Police (Chief commissioner)
  - Environmental Inspectorate (ILT) (Inspector General)
  - Food Safety authority (NVWA) (Inspector General)
  - Social Security Inspectorate (ISZW) (Inspector General)
  - Regional Environmental Authorities (Director)
- Setting priorities based on risk analysis
- e.g. National Threat assessment



# The priorities in the Netherlands in 2016

- The National Intelligence agenda:
- SEVESO
- (based on COUNCIL DIRECTIVE 96/82/EC of 9 December 1996 on the control of major-accident hazards involving dangerous substances)
- Contaminated soil
- CITES
- Transboundary movements of waste
- Biocides
- (co-) Digesters
- Animal by- products
- Fireworks



This Project is funded by the European Union

# Operational Environmental Board

- Members:
  - Public prosecutor (information and head of unit)
  - National police (commissioner resp environment)
  - ILT-IOD (head)
  - NVWA (head)
- 
- Based on the national intelligence agenda they decide if and by whom the criminal investigation is carried out





# World ports



This Project is funded by the European Union

# European ports



This Project is funded by the European Union

Project implemented by Human Dynamics Consortium

## Top 20 European container ports, 2012 - 2010

	2012	2011	2010
• <b>Rotterdam Netherlands</b>	<b>11,866</b>	<b>11,877</b>	<b>11,148</b>
• Hamburg Germany	8,864	9,014	7,896
• <b>Antwerp Belgium</b>	8,635	8,664	8,468
• Bremerhaven Germany	6,115	5,916	4,888
• Valencia Spain	4,470	4,327	4,207
• Algeciras Spain	4,071	3,602	2,810
• Felixstowe United Kingdom	3,327	3,249	3,416
• Gioia Tauro Italy	2,721	2,305	2,852
• Ambarli Turkey	2,600	2,686	2,540
• St, Petersburg Russia	2,520	2,197	1,900
• Marsaxlokk Malta	2,400	2,360	2,371
• Le Havre France	2,306	2,215	2,358
• Genoa Italy	2,065	1,847	1,758
• Zeebrugge Belgium	1,953	2,206	2,500
• Barcelona Spain	1,757	2,035	1,947
• Southampton United Kingdom	1,651	1,500	1,563
• La Spezia Italy	1,247	1,308	1,285
• Marseilles France	1,061	944	954
• London United Kingdom	920	891	869
• Gothenburg Sweden	900	887	880



This Project is funded by the European Union

# Top 20 world container ports

	2012	2011	2010
• Shanghai China	32,529	31,739	29,070
• Singapore Singapore	31,649	29,938	28,431
• Hong Kong China	23,117	24,224	23,699
• Shenzhen China	22,941	22,570	22,510
• Busan South Korea	17,041	16,185	14,194
• Ningbo & Zhoushan China	16,830	14,686	13,144
• Guangzhou China	14,744	14,400	12,550
• Qingdao China	14,500	13,020	12,012
• Dubai Ports United Arab Emirates	13,280	13,000	11,600
• Tianjin China	12,300	11,500	10,080
• <b>Rotterdam Netherlands</b>	<b>11,866</b>	<b>11,877</b>	<b>11,148</b>
• Port Klang Malaysia	10,001	9,604	8,872
• Kaohsiung Taiwan	9,780	9,636	9,181
• <b>Hamburg Germany</b>	<b>8,864</b>	<b>9,014</b>	<b>7,896</b>
• <b>Antwerp Belgium</b>	<b>8,635</b>	<b>8,664</b>	<b>8,468</b>
• Los Angeles United States of America	8,078	7,941	7,832
• Dalian China	8,060	6,400	5,242
• Tanjung Pelepas Malaysia	7,700	7,500	6,530
• <b>Bremerhaven Germany</b>	<b>6,115</b>	<b>5,916</b>	<b>4,888</b>
• Long Beach United States of America	6,046	6,061	6,263



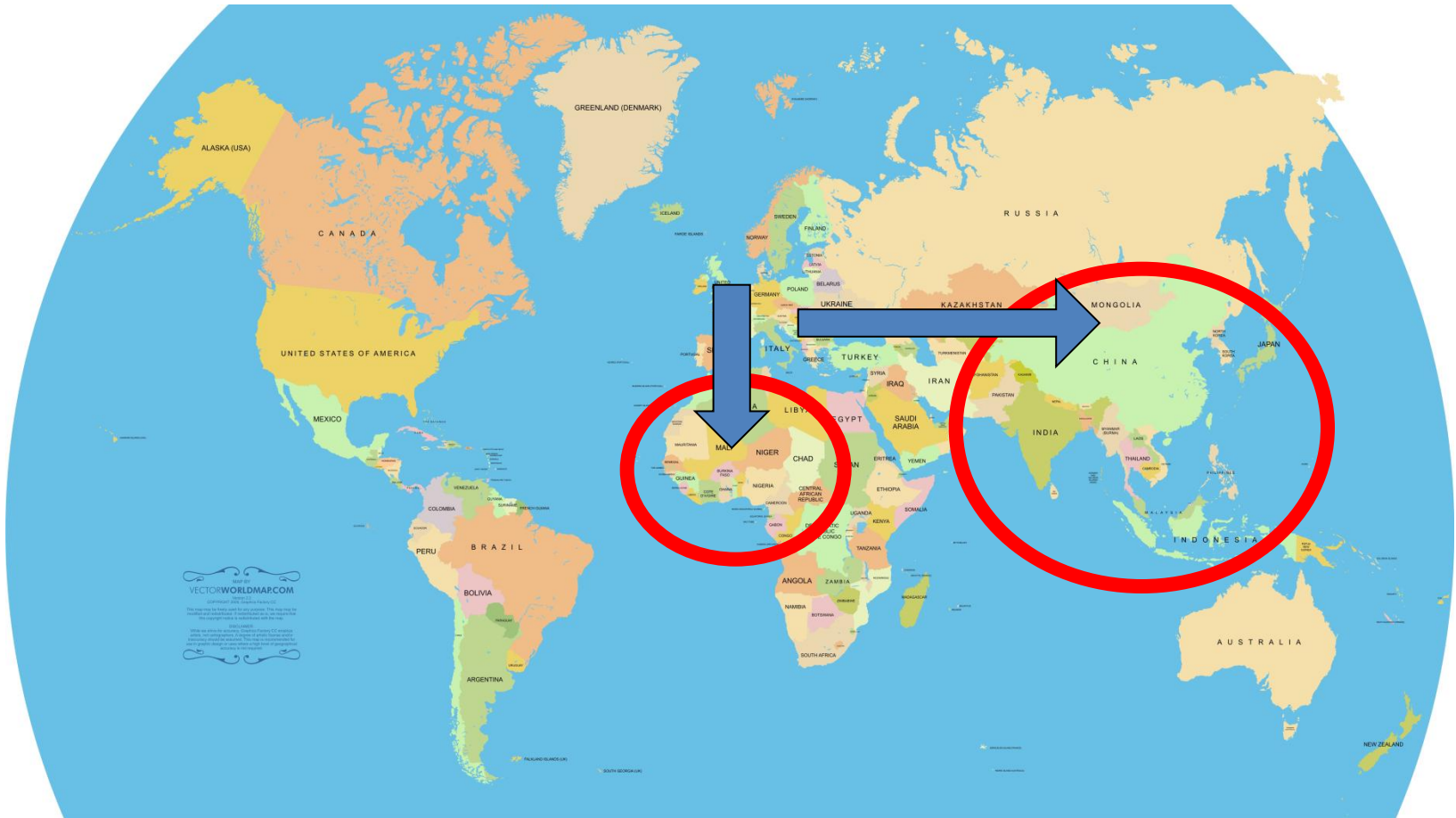
This Project is funded by the European Union

# Transport routes

- Shipments within the European Union (EU)
  - between member states
- Import in EU
  - destined for country of entry
  - destined for other member state, (NL) port of entry
- Export out of EU
  - export from member state were last port EU is
  - export from other member state, (NL) last port in EU
- Transit through EU
  - third country-EU-third country



# Destinations



This Project is funded by the European Union



Project implemented by Human Dynamics Consortium

# (West) Africa

- Used goods
- Electric and Electronic Equipment
- Used cars
- End of life vehicles
- Liquids (waste) oil



This Project is funded by the European Union



Project implemented by Human Dynamics Consortium



# The Environmental impact



This Project is funded by the European Union

Project implemented by Human Dynamics Consortium





This Project is funded by the European Union



This Project is funded by the European Union



Project implemented by Human Dynamics Consortium





This Project is funded by the European Union

Project implemented by Human Dynamics Consortium



This Project is funded by the European Union

Project implemented by Human Dynamics Consortium





## FRIDGES



This Project is funded by the European Union

# Refrigerants

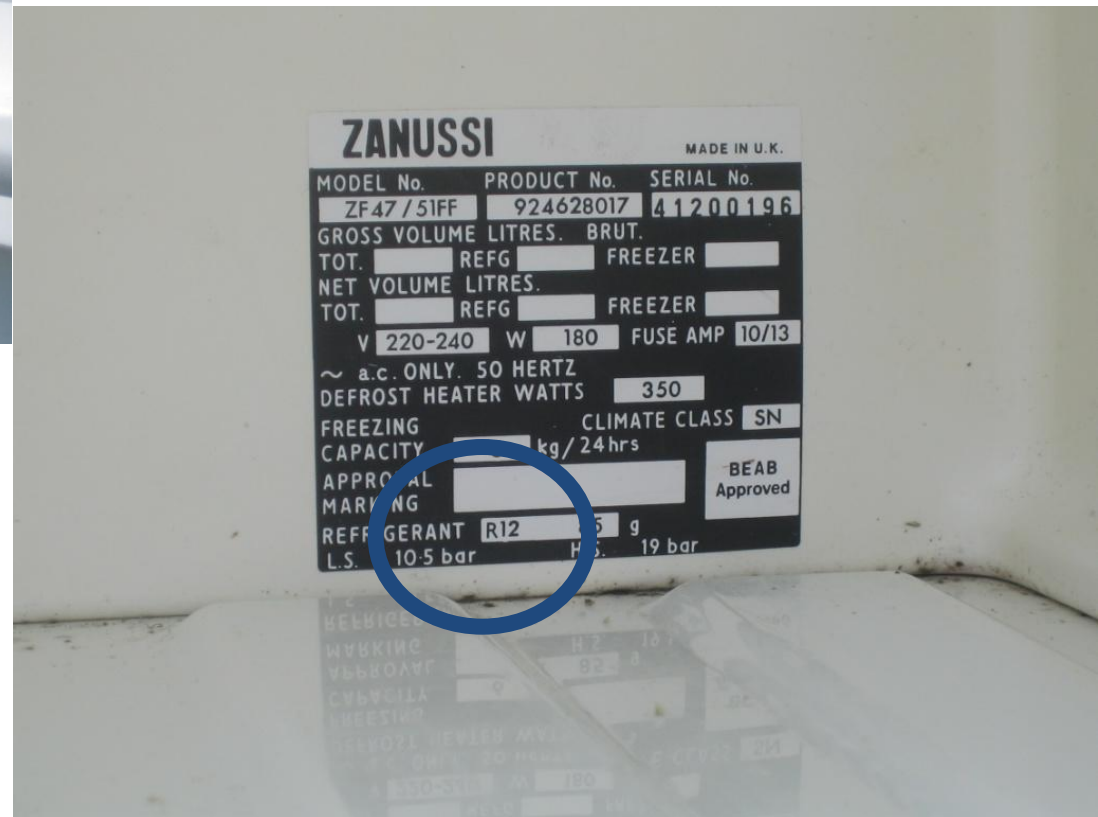
## •prohibited

•CFK	HCFK
•R11	<b>R22</b>
• <b>R12</b>	R123
•R13	R124
•R14	R142b
•R500	R401a/ R401b
•R502	R402a/ R402b
•R503	R403a/ R403b
•	R408a
•	R409a/ R409b
•	

## •allowed

•	HFK	others
•	R23	R170
•	R32	R290
•	R107a	<b>R600a</b>
•	R125	R717
•	<b>R134a</b>	R744
•	R143a	R1270
•	R152a	R718
•	R227ea	
•	....	





This Project is funded by the European Union

# Fake stickers



© Dutch ILT



This Project is funded by the European Union

Project implemented by Human Dynamics Consortium





This Project is funded by the European Union

Project implemented by Human Dynamics Consortium



This Project is funded by the European Union

# Introduction Study visit

Presented by: Huib van Westen

Environment and Climate Regional Accession Network

Antwerp/Rotterdam  
Belgium/ the Netherlands  
8-10 March 2016



This Project is funded by the European Union



Project implemented by Human Dynamics Consortium



## Illegal transports to Asia

- General
  - Contaminated waste
  - (Hidden) hazardous waste
  - Ships for dismantling
- False end destination
  - Destination changed during shipment
  - Recycling facility in HK office building
  - Re-use or re-export in Vietnam
  - Destination does not exist, is not operational



# Contaminated waste



This Project is funded by the European Union



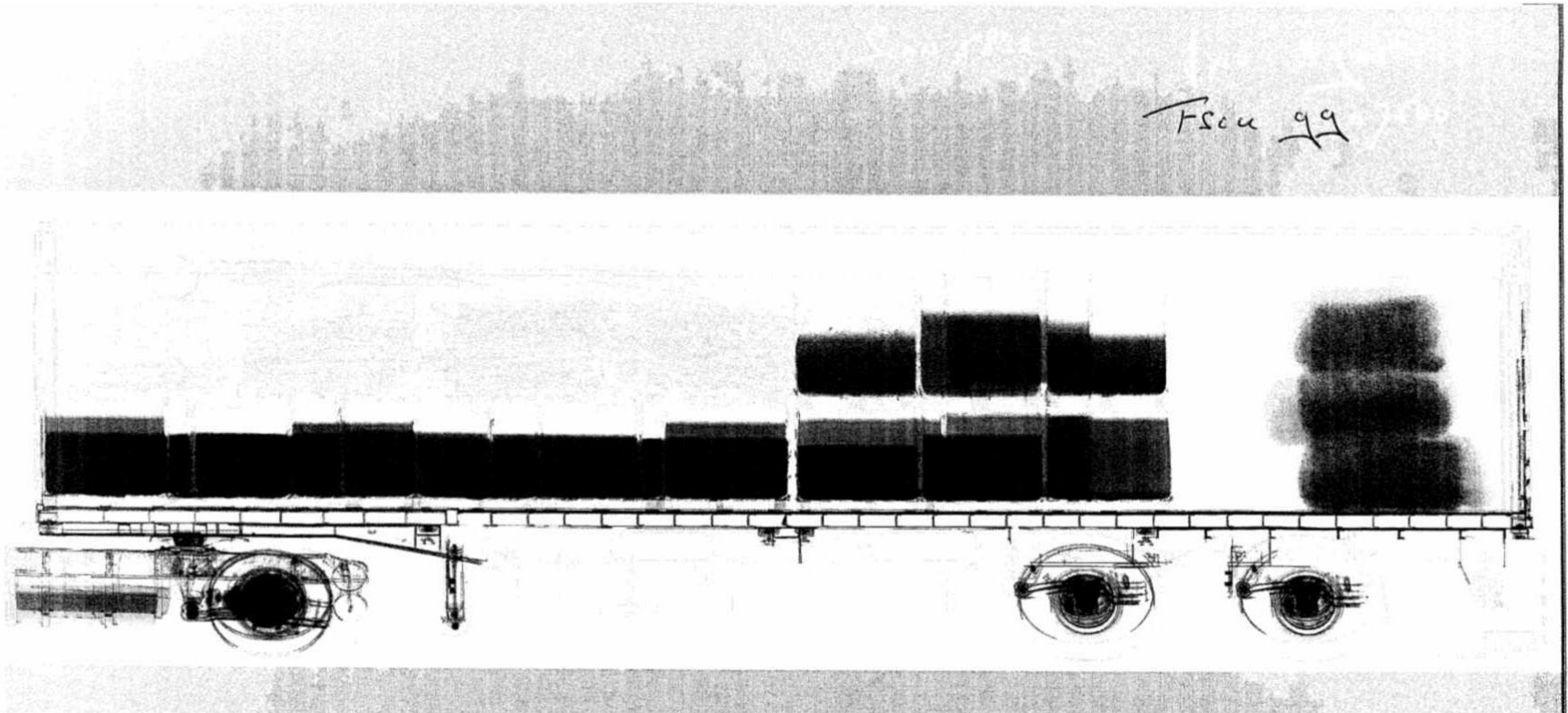
Project implemented by Human Dynamics Consortium





This Project is funded by the European Union

# (Hidden) hazardous waste



This Project is funded by the European Union

Project implemented by Human Dynamics Consortium





This Project is funded by the European Union



Project implemented by Human Dynamics Consortium





This Project is funded by the European Union



Project implemented by Human Dynamics Consortium



This Project is funded by the European Union



Project implemented by Human Dynamics Consortium





This Project is funded by the European Union

Project implemented by Human Dynamics Consortium

*Spring Bob* (ex-*Spring Blossom*). IMO 8213665. Reefer. Length 151 m, 7,808 t. Dutch flag. Classification society Bureau Veritas. Built in 1984 in Mihara (Japan) by Koyo Docks. Owned by Seatrade Groningen BV (Netherlands). Sold as is in Fujairah (United Arab Emirates) for demolition in Bangladesh. 418 \$ per ton.



*Spring Bok* (ex-*Spring Bee*, ex-*Spring Bird*). IMO 8213677. Reefer. Length 151 m, 7,895 t. Dutch flag. Classification society Bureau Veritas. Built in 1984 in Mihara (Japan) by Koyo Docks. Owned by Seatrade Groningen BV (Netherlands). Sold for demolition in Turkey. 345 \$ per ton.



*Spring Bok* in Hamburg (Germany), July 2011 © Harmut Brockmüller



# False end destinations

- Export to OECD changed in export to non OECD  
(e.g. Republic of Korea into China)
- Change country of destination cause of different answers to EU
- Rubber waste (tyres) : prohibition or export to China  
allowed to export to HK
- E-waste (non hazardous): prohibition for China/ Vietnam  
allowed to HK

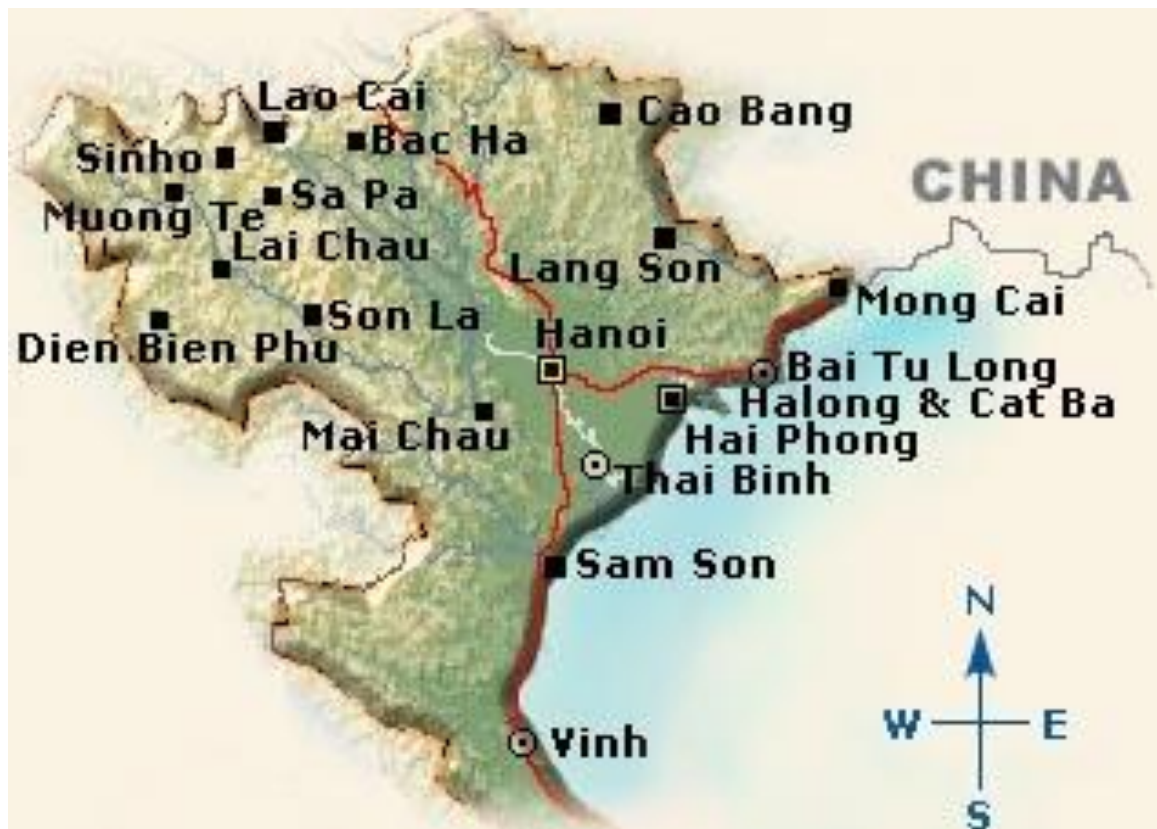




# Export declaration

B Geadresseerde QUANG NINH SHIPCHANDLER HA LONG CITY HONG KONG		Nr. 2119		9 Financieel verantwoordelijke Nr. 00240	
Aangever / Vertegenwoordiger DOUANE-AG. VAN AERT B.V.B.A. AMSTERDAMSTRAAT 54 2321 MEER		Nr. 2119		10 L. eerste best. / laatste best. 11 Handels-/Pro- ductieland 12 Gegevens inzake waarde	
Identiteit en nationaliteit van het vervoermiddel bij vertrek / aankomst MS PALENA		19 Ctr. 1		15 Land van verzending / uitvoer BELGIE	
Identiteit en nationaliteit van het grensoverschrijdende actieve vervoermiddel KAAI 1700		16 Land van oorsprong NEDERLAND		15 Code L. verz./uitv. a) 017 b) 1 a)	
Vervoerwijze aan de grens 3		26 Binnenlandse vervoerwijze 3		17 Land van bestemming HONG-KONG	
Kantoor van uitgang / binnenkomst VP		27 Plaats van lading / lossing 2030 ANTWERPEN 3		20 Leveringsvoorwaarden	
Plaats van de goederen VP		28 Financiële en bankgegevens 1 EUR = 40.3399 BEF		22 Valuta en totaal gefactureerd bedrag 017 EUR *****12.376.00+	
Arken en nummers - Container(s) nr(s) - Aantal en soort 1 CONTAINERS (TRANSPORTMIDDEL). 0		32 Artikel Nr. 84716070		33 Goederencode 84716070	
GEBRUIKTE COMPUTERS		34 Code L. oorsprong a) 003 b)		35 Brutomassa (kg) 20.620.	
		37 REGELING 1000		38 Nettomassa (kg) 20.000.0	





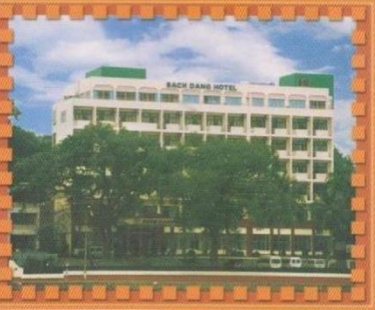
This Project is funded by the European Union



Project implemented by Human Dynamics Consortium

**BACH DANG**  
HOTEL

SHIPCHANDLER  
QUANG NINH

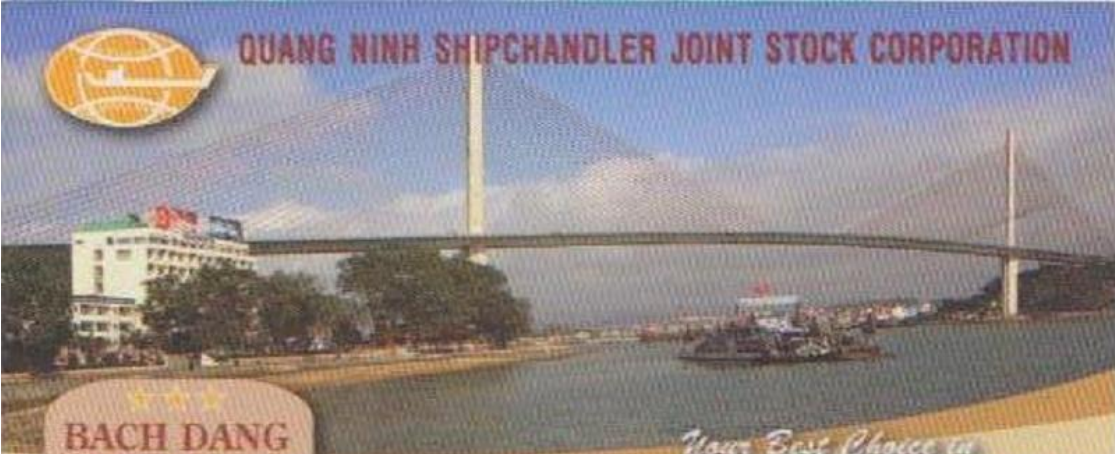


**The Best of Your Choice**  
HALONG CITY - VIETNAM

ADD: N°2 HA LONG ROAD HA LONG CITY QUANG NINH PROVINCE  
Tel: 84.33.846330 - 847837 • Fax: 84.33.845892  
E-mail: bachdanghotelqn@hn.vnn.vn  
website: www.bachdanghotelqn.com

SHIPCHANDLER  
QUANG NINH

**QUANG NINH SHIPCHANDLER JOINT STOCK CORPORATION**



**BACH DANG**  
HOTEL

*Your Best Choice in*  
**HALONG CITY - VIETNAM**

Add: No 2 Halong Road - Halong City - Quang Ninh Province - Vietnam  
Tel: (84.33) 3847 837 - 3846 330 - 3846 415 \* Fax: (84.33) 3845 892  
Email: support@bachdanghotel.com.vn \* Website: bachdanghotel.com.vn



This Project is funded by the European Union





This Project is funded by the European Union



Project implemented by Human Dynamics Consortium



This Project is funded by the European Union

Project implemented by Human Dynamics Consortium





This Project is funded by the European Union

Project implemented by Human Dynamics Consortium

## Guiyu, China



Bags piled high with imported computer components waiting to be burned in the burn houses. Guiyu, China. May 2008 ©2008 Basel Action Network (BAN)



This Project is funded by the European Union



Project implemented by Human Dynamics Consortium



# Recycling facilities???



This Project is funded by the European Union



Project implemented by Human Dynamics Consortium

**ANNEX VII**

**INFORMATION ACCOMPANYING SHIPMENTS OF WASTE  
AS REFERRED TO IN ARTICLE 3 (2) AND (4)**

**Consignment information <sup>(1)</sup>**

<b>1. Person who arranges the shipment</b> Name : Resource AS Address: Grønøra 7300 Orkanger, Norway Contact person: Odd Øystein Meland Tel.: +47 91710081 Fax: +47 72488460 E-mail: <a href="mailto:odd@resourceas.no">odd@resourceas.no</a>		<b>2. Importer/consignee</b> Name: Shon Ho International Limited Address: Room 2302,23/F,Seaview Commercial Building, 21-24 Connaught Road West, Sheung Wan,HK Contact person: LuoBruce Tel.: +86 13905951921 Fax: Fax: E-mail: Bruce Luo <bruce_luo80@hotmail.com>	
<b>3. Actual quantity:</b> Tonnes (Mg): 24,4 m <sup>3</sup> :		<b>4. Actual date of shipment:</b> 05.11.2012	
<b>5.(a) 1<sup>st</sup> carrier (2)</b> Name: Transtor Shipping AS Address: Bragernes Torg 12 3017 Drammen, Norway Contact person: Tor-Kjetil Ottesen Tel.: +47 32830900 Fax: +47 32830901 E-mail: transtor@online.no Means of transport: Sea Date of transfer: 05.11.2012 Signature:	<b>5.(b) 2<sup>nd</sup> carrier</b> Name: Address: Contact person: Tel.: Fax: E-mail: Means of transport: Date of transfer: Signature:	<b>5.(c) 3<sup>rd</sup> carrier</b> Name: Address: Contact person: Tel.: Fax: E-mail: Means of transport: Date of transfer: Signature:	
<b>6. Waste generator (3)</b> <b>Original producer(s), new producer(s) or collector:</b> Name: Resource AS Address: Grønøra, 7300 Orkanger, Norway Contact person: Odd Øystein Meland Tel.: (+47) 917 10 081 Fax: (+47) 72488460 E-mail: <a href="mailto:odd@resourceas.no">odd@resourceas.no</a>		<b>8. Recovery operation (or if appropriate disposal operation in the case of waste referred to in Article 3(4)):</b> R-code/D-code: R3	
		<b>9. Usual description of the waste:</b> Green Waste, Polyethylene (PE)	
<b>7. Recovery facility</b> <input checked="" type="checkbox"/> <b>Laboratory</b> <input type="checkbox"/> Name: Zhauhau international(group) co.,ltd. Address: Yau Ma Tei Hong Kong Nil, Hong Kong(China) Contact: Tel.: 00852-27108279 Fax: 00852-27108929		<b>10. Waste identification (fill in relevant codes):</b> (i) Basel Annex IX: B3010 (ii) OECD (if different from (i)): (iii) EC list of wastes: (iv) National code:	
<b>11. Countries/states concerned:</b>			
Export/dispatch	Transit		Import/destination
Norway, Drammen	Rotterdam		Hong Kong



## 2. Importer/consignee

Name: Shon Ho International Limited

Address: Room 2302,23/F,Seaview Commercial Building, 21-24  
Connaught Road West, Sheung Wan, HK

Contact person: LuoBruce

Tel.: +86 13905951921

Fax: Fax:

E-mail: Bruce Luo <bruce\_luo80@hotmail.com>



This Project is funded by the European Union



Project implemented by Human Dynamics Consortium

**2. Importer/consignee**

Name: Noble Century Trading Ltd.

Address: Suite Nos. 4B-5A, 21st Floor Tower 1  
China Hong Kong City, 33 Canton Road, Tsimshatsui, Kowloon

Contact person:

Tel.: 00852-2375-1628

Fax: 00852-2376-0068

E-mail:

**7. Recovery facility ☒**

**Laboratory ☐**

Name: Noble Century Trading Ltd.

Address: Suite Nos. 4B-5A, 21st Floor Tower 1  
China Hong Kong City, 33 Canton Road, Tsimshatsui, Kowloon

Contact person:

Tel.: 00852-2375-1628

Fax: 00852-2376-0068

E-mail:





## Hong Kong



CRTs piled more than 4 meters high in an imported e-Waste smuggling depot in Hong Kong's New Territories area. e-Wastes are brought here in sea-going containers from the port and offloaded, sorted prior to loading into trucks heading into mainland China. Guiyu, China. May 2008  
©2008 Basel Action Network (BAN)



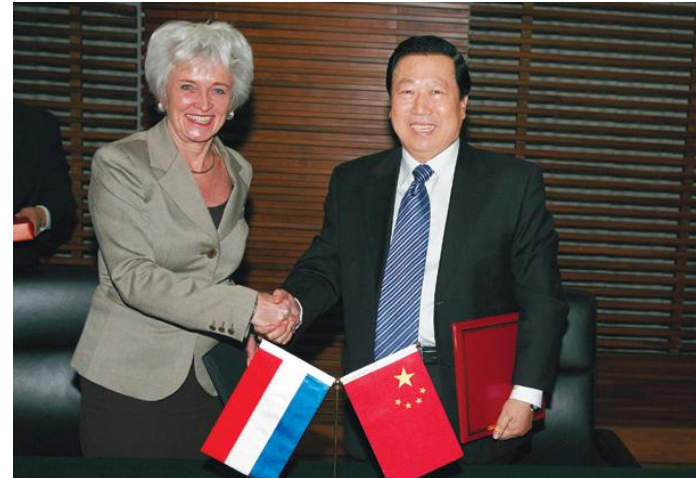
This Project is funded by the European Union



Project implemented by Human Dynamics Consortium

## Bilateral cooperation between Netherlands and....

- China
- Ghana
- United Kingdom
- Belgium
- Germany
- Explored with India and Vietnam



This Project is funded by the European Union

# Inspection

- Prepare per country a plan for a TFS inspection
- Issues to keep in mind:
  - Objective
  - Where/ when
  - With whom
  - Legal powers
  - Safety
  - Selection
  - Inspection
  - Follow-up



# Thank you for your attention



This Project is funded by the European Union



Project implemented by Human Dynamics Consortium