WASTEFORCE Project

Deterring and disrupting illegal trade and management of Waste by developing Tools for Enforcement, Forensics and Capacity Building

Nancy Isarin – Project Manager

Marion Stelling – Environmental Damage

About WasteForce

- 2 year running project December 2018 – December 2020

- Funded by the Internal Security Fund - Police

- IMPEL is the leading beneficiary

- United Nations University (UNU) co-lead

Associated Beneficiaries:

- *Slovenia (IRSOP)*

- *Portugal (IGAMAOT)*

- *Germany (Police University)*

- *Ireland (Limerick University)*

- *Netherlands (Dutch Forensics Institute)*

- *United Nations Institute for Training and Research (UNITAR)*

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![WasteForce logo]

Aims

To boost the operational activities and capacities of authorities involved in the fight against illegal trade and management of waste through:

1. Development of new practical tools and methodologies;

2. Implementation of multi-stakeholder capacity building activities; and

3. Support of operational networking among practitioners in Europe in the Asia-Pacific region

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- Better insight in trends and developments in the waste market
- Impact analysis method for waste policy changes
- Improved prosecution
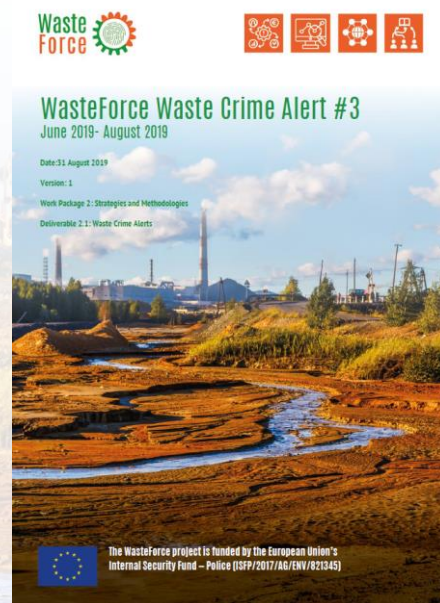- Better skilled law enforcement authorities

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Waste Crime Alerts

Quarterly Waste Crime Alerts published (link)

➤ provide authorities and law enforcement quarterly overview of developments in the illicit waste trade

➤ Based on open source information

WasteForce Waste Crime Alert #3
June 2019- August 2019

Date:31 August 2019

Version: 1

Work Package 2: Strategies and Methodologies

Deliverable 2.1: Waste Crime Alerts

The WasteForce project is funded by the European Union's Internal Security Fund – Police (ISFP/2017/AG/ENV/821345)

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- [Research Library](#)

- Clearing House Mechanism (launch 11/2019)

- Capacity Building toolkit (launch11/2019)

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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 (coming soon)

Introduction

Overview of the legislative landscape

Waste classification and problematic waste streams

Illegal shipment and their return

Intelligence-led investigations

Inspection and Detection

Next generation compliance

Investigation

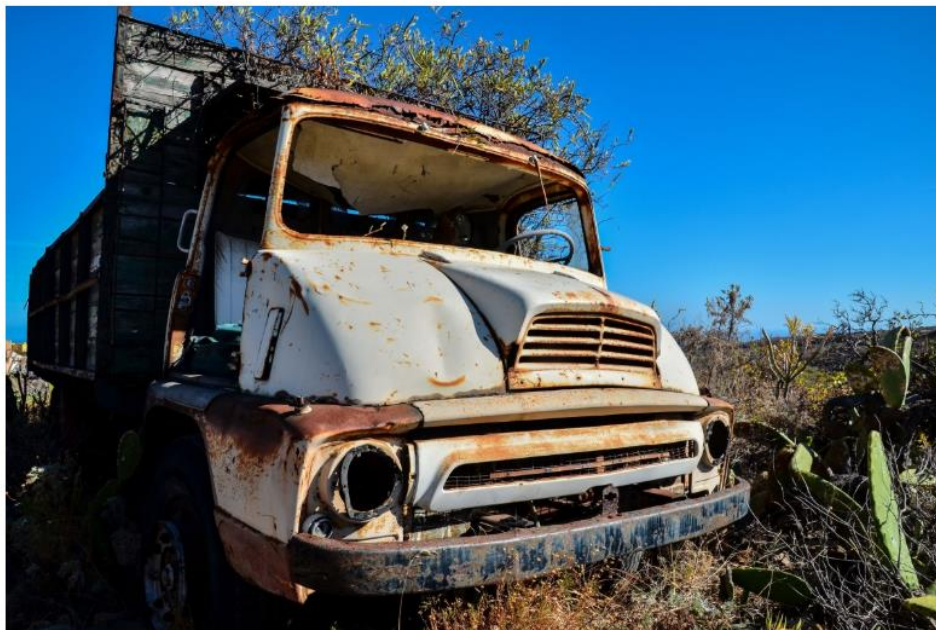Enforcement and prosecution of illegal waste shipment

Sentencing

Interagency collaboration and networking

IMPEL PREVENT > Shipment of Waste > Waste classification and problematic waste streams

Waste classification and problematic waste streams

Contents [hide]

Introduction

The correct classification and coding of waste streams is important not only for reporting

Watch-IT App

Waste and Chemicals Inspection Tool » to support inspectors and law enforcement officers responsible for monitoring transboundary shipments of waste and chemicals.

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Watch-IT App

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Capacity Building

- Trainings:
  1. Portugal 27-29 November on Prosecution of Waste Crime (IGAMAOT)
  2. Germany March 2020 (Policy University)
  3. Slovenia May 2020 (Environmental Inspectorate)
  4. Thailand June 2020 (UNEP-AP)

- Webinars

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- **EU and Global Policy Impact Analysis Methodology:**
  - to analyse existing impact assessment methodologies for policy changes linked to waste trade and management
  - to propose improved and integrated models to predict the impacts of future policy changes

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- **Measure the impact of environmental damage:**
  - Collect existing technical methods used to estimate damage and the number of criminal cases they relate to
  - Generate information on environmental damage caused by waste crime
  - Support prosecutors in criminal cases

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▪ **Process of impact assessments:**

- ▪ Identity of the waste
  - ▪ Waste codes shipping documents
  - ▪ Amount of waste
  - ▪ Additional inspection, sampling, analysis
- ▪ Exposure assessment
  - ▪ Recovery operations
  - ▪ Recycling, landfilling, etc.
- ▪ Risk or life cycle impact assessment

ANNEX VII

ION ACCOMPANYING SHIPMENTS OF WASTE
REFERRED TO IN ARTICLE 3 (2) AND (4)

	2. Importer/consignee Name: Address: Contact person: Tel.: Fax: E-mail
m³:	4. Actual date of shipment:

5.(b) 2nd carrier Name: Address: Contact person: Tel.: Fax: E-mail: Means of transport: Date of transfer: Signature:	5.(c) 3rd carrier Name: Address: Contact person: Tel.: Fax: E-mail: Means of transport: Date of transfer: Signature:

collector:	8. Recovery operation (or if appropriate disposal operation in the case of waste referred to in Article 3(4)): R-code/D-code:
	9. Usual description of the waste:

10. Waste identification (*fill in relevant codes*):
(i) Basel Annex IX:
(ii) OECD (*if different from (i)*):
(iii) Annex IIIA (⁴):
(iv) Annex IIIB (⁵):
(v) EC list of wastes:
(vi) National code:

- **Life cycle impact analysis**
  - EU policy
    - Build up of databases with background information
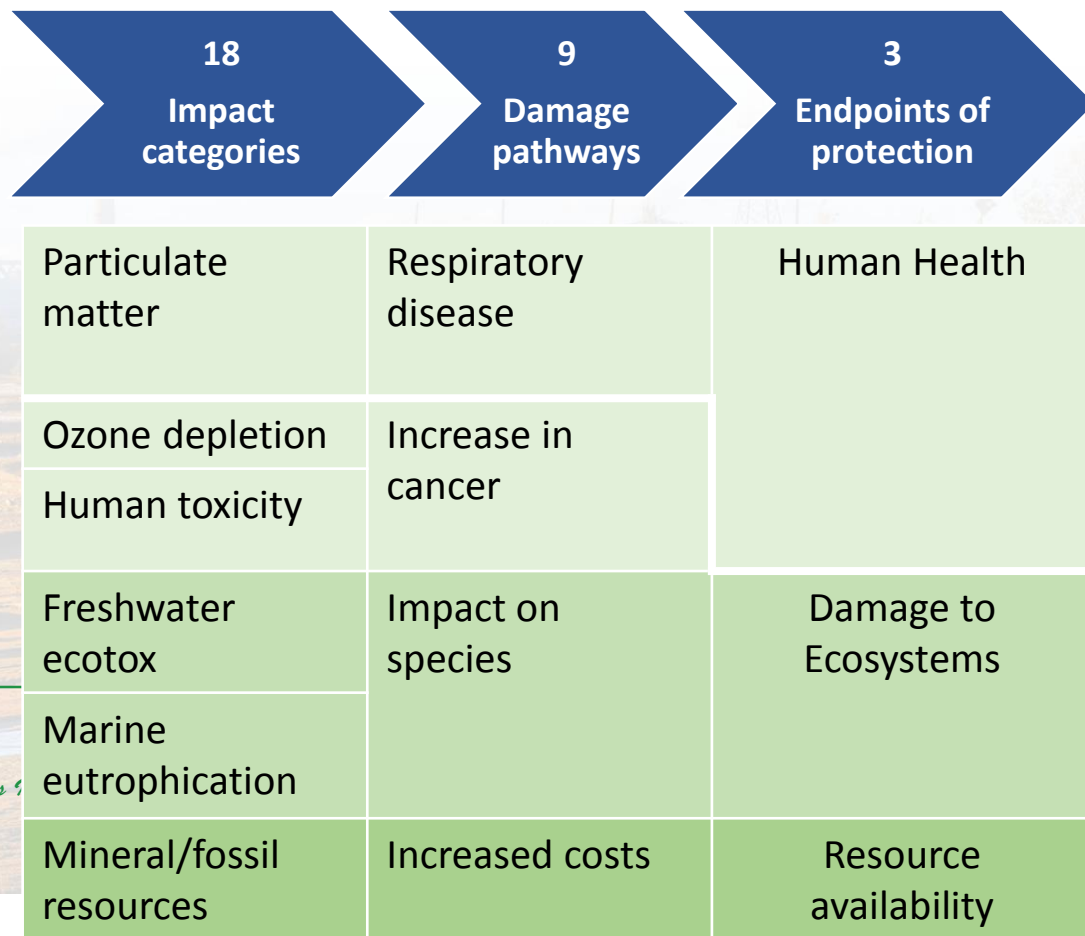   - Availability of software (free and commercial) for calculations

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Progress – Environmental Damage

- **Standardisation**
  - Quantification effects
  - Effects become comparable

18 Impact categories	9 Damage pathways	3 Endpoints of protection
Particulate matter	Respiratory disease	Human Health
Ozone depletion	Increase in cancer	
Human toxicity		
Freshwater ecotox	Impact on species	Damage to Ecosystems
Marine eutrophication		
Mineral/fossil resources	Increased costs	Resource availability

The WasteForce project is funded by the European Union's

Progress – Environmental Damage

- **Illegal waste trafficking**

Progress – Environmental Damage

- **Results (draft)**
  - Overall € 2,5 million
  - Per transport € 37 000,-

Impact in € (draft)

A bar chart titled "Impact in € (draft)" with y-axis from 0 to 1400000. Categories: Stratopheric ozone depletion (upper layers) ≈ 810000, Human toxicity (non cancer) ≈ 90000, Global warming ≈ 1180000, Freshwater eutrophication ≈ 50000, Terrestial ecotoxicity ≈ 10000, Terrestrial acidification ≈ 50000.

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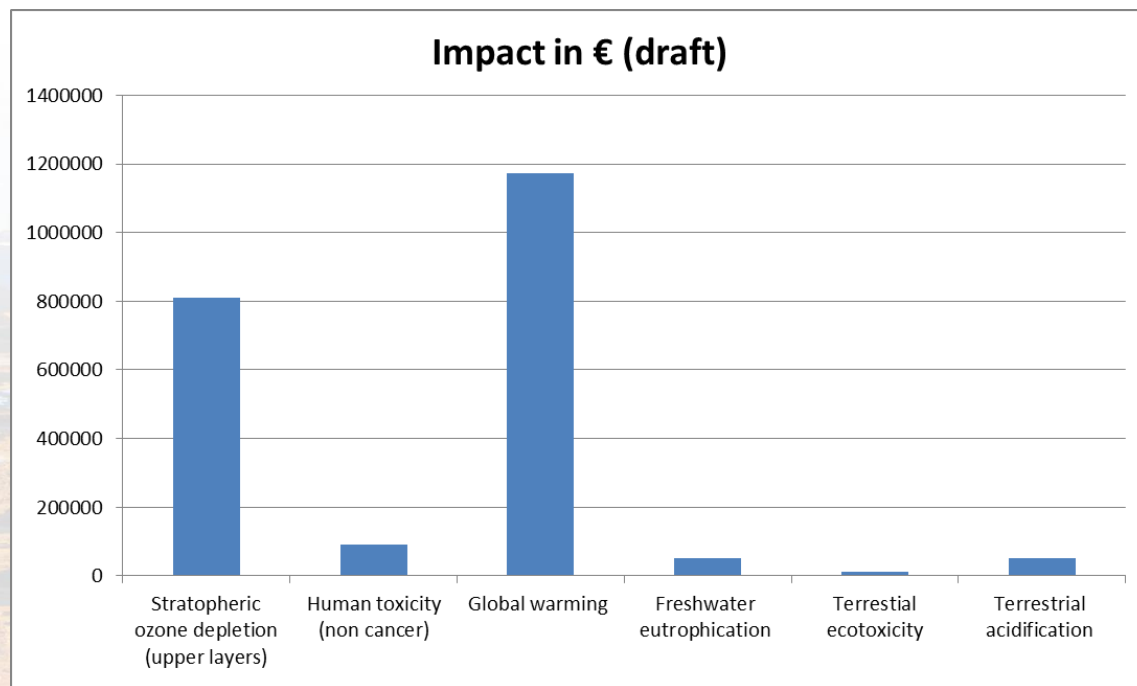
- Inventory of information exhange mechanism between EU and Asian Pacific countries

- Guidance for prosecutors (consultations in Asia and the EU coming up)

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Any questions?

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