



European Union Action to  
**Fight Environmental Crime**

# The EFFACE project

## An overview

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# Research on environmental crime - a journey





# What is environmental crime? What do we want to know about it?



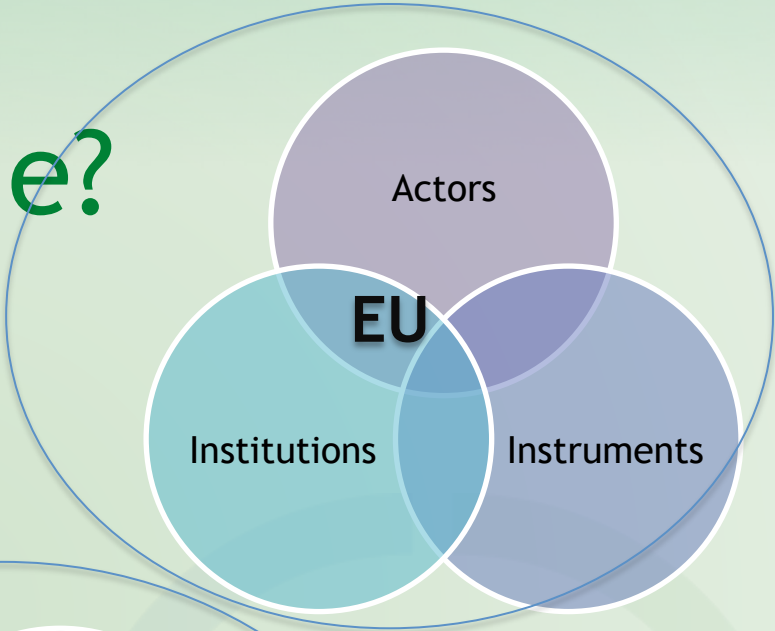
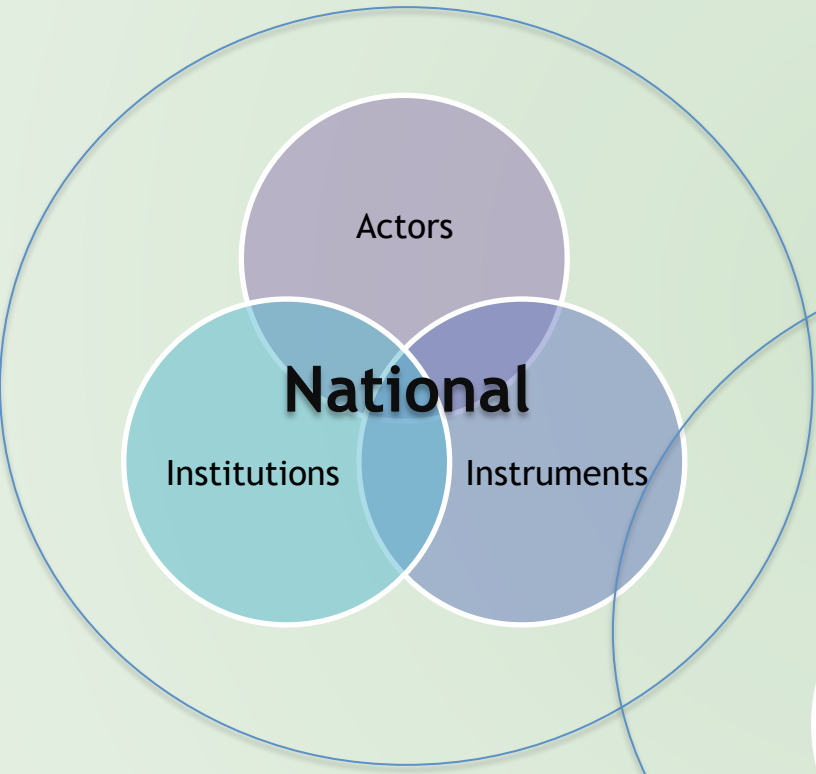
 **EFFACE**  
European Union Action to  
Fight Environmental Crime

Draft Analytical Framework  
and Cluster Guidelines

Deliverables 11 and 12



# How do we fight environmental crime?



INTRODUCTION

The EFFACE project undertook an evaluation of data and information sources for many types of environmental crime to confirm what quantified information on its impacts is available. The result was that the data are usually highly dispersed with limited detailed data collections. Such data are held by many organisations with various levels of accessibility. For the data that was accessed, it was often difficult to distinguish legal impacts from general impacts and it can be difficult to link impact information to data of criminal activity, in no case is there a comprehensive assessment of all of the impacts of one type of environmental crime. As a result it is not possible to provide a robust total figure of the overall impacts of environmental crime. There are too many gaps for this to be done with any confidence. EFFACE therefore, undertook more detailed analysis to examine the quantitative and economic impacts of five types of environmental crime as it was found that they represented different types of crime with reasonable sources of data on impacts:

- The impacts of arson events<sup>1</sup>
- The impacts of illegal wildlife trade in rhino and elephant<sup>2</sup>
- The impacts of marine pollution<sup>3</sup>
- The impacts of legal WEEE shipments from the EU to China<sup>4</sup>
- The impacts of legal wildlife trade in Horsfield's Tortoise<sup>5</sup>

A common framework was followed, which involved the quantitative assessment of levels of illegal activity, the quantitative assessment of the impacts of that illegal activity and the economic impacts

<sup>1</sup> Di Poreo M., Pavi, Falcone, A.R., Germani, C., Imbrani, P., Morone, F., Riganati (2015). The Quantitative and Monetary Impacts of Rural Fire Crimes. Report compiled as part of the EFFACE project, University of Rome 'La Sapienza'. All studies are available from [www.efface.eu](http://www.efface.eu).

<sup>2</sup> Smith, L. and Lucas P. (2015). The Costs of Illegal Wildlife Trade: Elephant and Rhino. A study compiled as part of the EFFACE project, Ecologic Institute, Berlin, Germany.

<sup>3</sup> Phylippen, N.J. and Riganati, A. (2015). Marine Pollution. Study in the framework of the research project.

<sup>4</sup> Garmatta, K., Vlastakis, K. and Ilea, A. (2015). Illegal e-waste shipments from the EU to China. Quantitative and monetary analysis of illegal shipments and its environmental, social and economic impacts economic impact. A study compiled as part of the EFFACE project, Berlin, Ecologic Institute.

<sup>5</sup> Smith, Lucy Olive and Lucas Pisoni. (2015). Evaluation of the Costs and Impacts of Environmental Crime: CITES trade of the Horsfield's Tortoise. This study was compiled as part of the EFFACE project, Ecologic Institute, Berlin, Germany.

## Understanding the damages of environmental crime

Review of the availability of data

Deliverable No. 3.1



This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no 330276.

What do we know  
about the extent  
and impacts of  
environmental  
crime?

Qualitative

Quantitative

Monetary

# Who commits environmental

- **Victims in the "Land of Fires": A case study on the consequences of burnt and buried waste in Campania, Italy**
- **Illegal shipment of e-waste from the EU: A case study on the illegal export of e-waste from the EU to China**
- **EUTR CITES and money laundering: A case study on the challenges to coordinated enforcement in tackling illegal logging**
- **A Case Study on the EU's promotion of environmental protection through criminal law in Kosovo**
- **The Aznalcollar and Kolontar mining accidents: A case study on the criminal responsibility of operators and administrators**
- **Environmental crime in Armenia: A case study on mining**
- **Illegal wildlife trade: A case study on illegal wildlife trade in the United Kingdom, Norway, Colombia and Brazil**
- **Environmental crime through corporate mis-compliance. The case of the ILVA steel plant in Italy**
- **Illegal fishing and the role of rights based fisheries management in improving compliance**
- **A case study on illegal localised pollution incidents within the EU**
- **Mining gold and mercury pollution in the Guiana Shield: A case study on the role of the EU in fighting environmental crime**
- **Can Cocaine Production in Colombia be linked to Environmental Crime?: A case study on the effect of EU legislation on the trade**

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Case studies

Instruments,  
actors,  
institutions

Data &  
impact



Conclusions and recommendations

# A research project on environmental crime - facts & figures





# Partners



# EFFACE statistics - highlights

- ⊕ ca. 40 reports (with an unknown number of pages)
- ⊕ twitter account with almost 1600 followers
- ⊕ 9 workshops and mid-term conference with together about 150 external participants
- ⊕ up until now: almost 39 months duration
- ⊕ an estimated 150 intra-Europe flights to attend project meetings + about 20 trains trips + at least one boat trip (all researchers)
- ⊕ about 5000 project-related emails still residing in the inbox of the project coordinator
- ⊕ budget: EUR 2.8 million, of which 2.3 million EU grant
- ⊕ 222.8 person months of work

# Expect yet to come

- 🌐 Recommendations and conclusions documents
- 🌐 Two more policy briefs
- 🌐 One synthesis report
- 🌐 One edited volume
- 🌐 A report on this conference

# Stay tuned

 [www.efface.eu](http://www.efface.eu)

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