PEN-CP Annual Study:

Green Customs: a framework and projects from around the world

Dr. Toni Männistö, Head of Research Cross-border Research Association (CBRA)

CERIS workshop on Impact of Climate Change on Security Practitioners, Brussels, 21 May 2024



A project funded by the European Union's Horizon 2020 research and innovation programme under the Grant Agreement No 786773.





About PEN-CP and the Green Customs study

Pan-European Network of Customs Practitioners

- Customs security project under EU Horizon 2020
- A European customs innovation boosting network
- 13 customs partners

Green Customs study

- Shows the range of green customs activities and presents green customs projects worldwide
- Continues the series of PEN-CP Annual Studies
- Publishing around December 2024



Areas of green customs activities

1. Border controls

to enforce rules for environmentally sensitive goods







Hazardous chemicals

J Wildlife



Carbon-tariffed goods

2. Sustainable customs operations

to reduce customs' own environmental footprint

- Disposal of seized goods
- Renewable energy
- Electric vehicles



Areas of green customs activities

3. Trade facilitation

to enable sustainable cross-border logistics



Prioritisation of emission-intensive cargo



De-bottlenecking of customs processes

Less emissions

4. Green lane for green traders

to encourage sustainable logistics

Requirements for green lane

- Smart load consolidation
- Cleaner (high-capacity) fleet
- Use of rail and inland waterways



Key insights

- New capabilities needed to support implementation of "green" trade rules
- Green customs activities extend beyond the day-today control of environmentally sensitive goods at the border
- Trade facilitation and "green lane for green traders" programs empower customs to promote sustainability in the private sector



