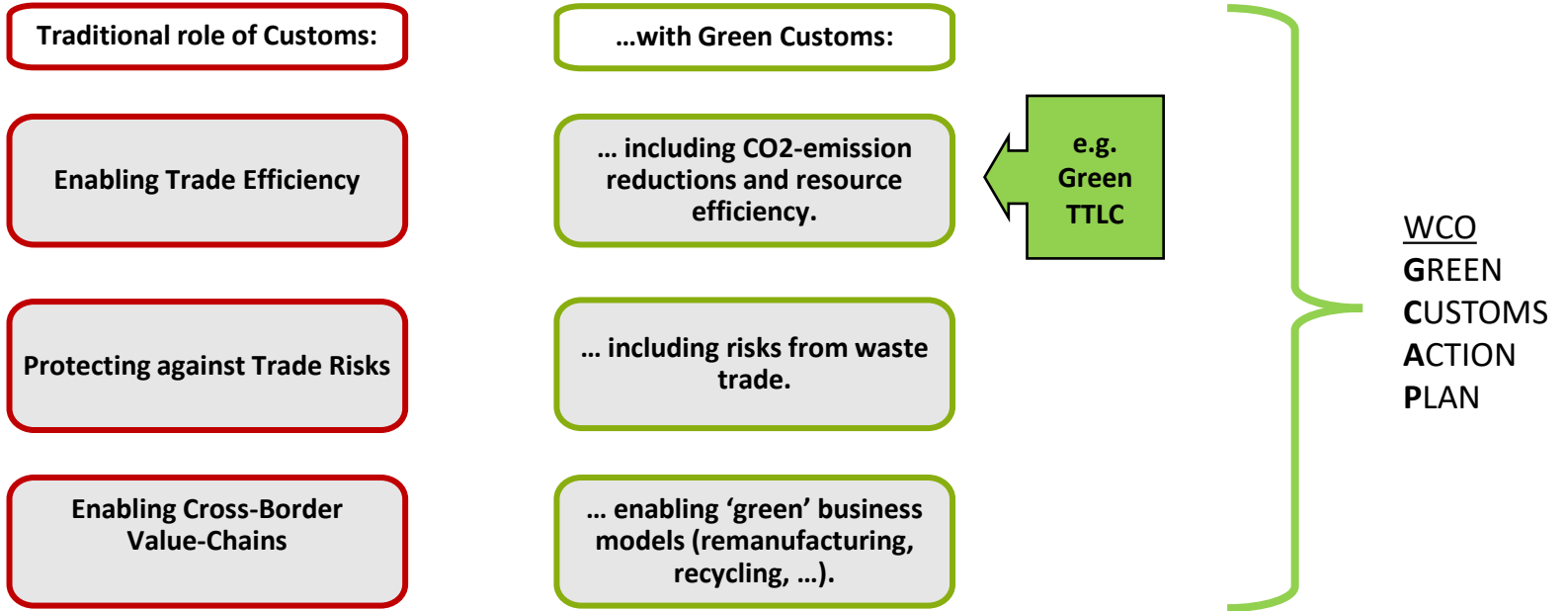




Innovative solutions for “Green Customs”

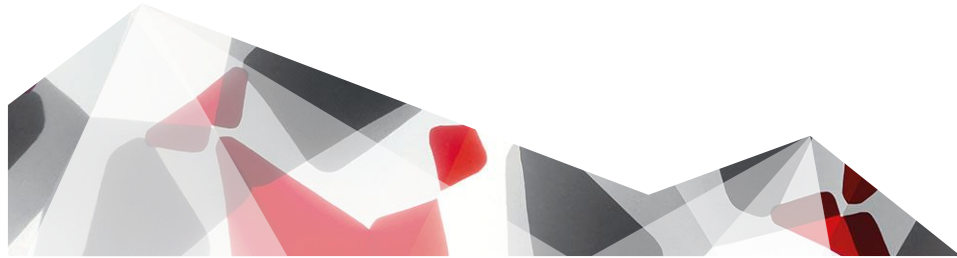
Introduction: Why Green Customs?





GREEN TTLC

A practical example to measure and demonstrate CO₂-emission reductions from TF



Green TTLC Framework

TF Project:

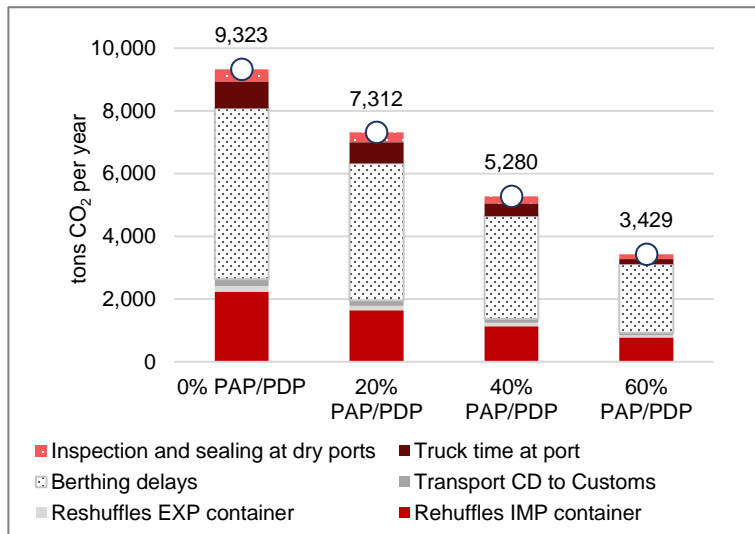
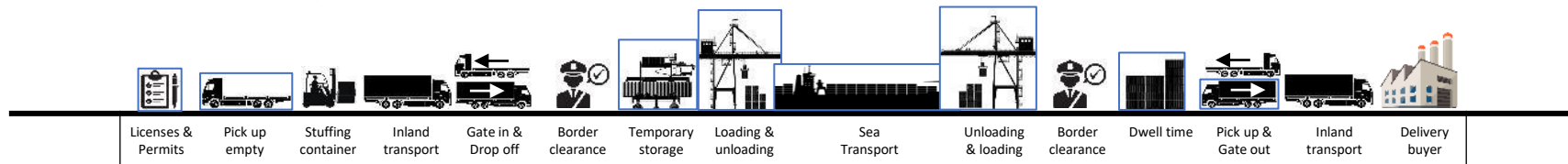
- DeveloPPP funded project implemented by German Alliance in partnership with Maersk/Trade Lens and UNCTAD
- “Digitising Global Maritime Trade” - Introduction of PAP/ PDP through ASYHUB integration

Study:

- Measurement of CO2 reductions alongside of time and cost (TTLC study)
- Selected garment products and their inputs traded through the widely used port in Sri Lanka and Cambodia
- Data:
 - Interviews with stakeholders: freight forwarders, customs clearing agents, exporters/ importers, trucking companies, ports and terminals, shipping lines
 - Access to system data such as terminal, port, liner shipping operational data and customer invoice data from private project partners

Green TTLC – Overall results

Areas along the trade process where PAP/ PDP can reduce CO2 emissions



If 40% of containers are processed prior to their arrival/departure, yearly CO2 emissions would be almost halved.

The biggest potentials for saving emissions can be realized due to:

- Reduced berthing delays
- Reduced reshuffling of import containers

Green TTLC – Concrete results

Link between PAP/PDP and CO2 emissions

Example: Berthing delays due to late arrival of containers and higher reshuffling moves for export containers



Status Quo

Containers arrive late at the port when loading process for the container ship has already started. To place the late arriving containers according to the vessel loading plan, more reshuffling is needed. This results in berthing delays and need to speed up to preserve schedule reliability.



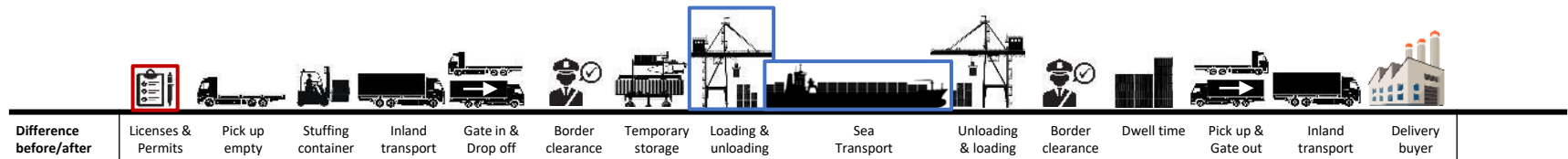
Intro PDP

Reduce extended and unpredictable processing time during customs declaration and inspection processes. This results in the reduction of container's arriving late at ports



CO2 reduction

Berthing time reduced due to less reshuffling being needed to load containers. Vessels can leave on time and do not need to speed up to preserve schedule reliability.



WCO: Green Customs Action Plan

CUSTOMS AND ENVIRONMENTAL POLICIES

News

Events

Programmes and Projects

Research paper

Resources

E-learning courses

KEY ISSUES

WCO IMPLEMENTING THE WTO TFA

Key documents



WCO Position Paper on Green Customs (Members only)

The Position Paper describes the role of Customs in supporting and implementing environmental measures.



WCO Green Customs Action Plan

The Green Customs Action Plan set out a clear vision on what Customs could contribute to the global green agenda and provide some specific initial deliverables at the WCO.



WCO Green Customs Action Plan (Members only)

The Green Customs Action Plan set out a clear vision on what Customs could contribute to the global green agenda and provide some specific initial deliverables at the WCO.

WCO: Green Customs Action Plan

- **GCAP-5:** Business Process Mapping of transboundary movement of waste
- **GCAP-7:** Develop Standard Operating Procedures for waste consignments, incl. safety, storage, handling
- **GCAP-8:** Enhance collaboration with other regulatory agencies (environmental)
- **GCAP-12:** Update Customs Laboratory Guide in relation to environmentally sensitive substances
- **GCAP-15/16:** Enforcement handbook related to the Circular Economy