

# Trade Facilitation and Climate Change

**Celine Bacrot**

**Trade Facilitation Section**

**Division of Technology and Logistics**

**UNCTAD**

**[celine.bacrot@un.org](mailto:celine.bacrot@un.org)**

## **Trade facilitation and the spillover effects on climate change**

- Increases volume of global and regional trade by facilitating and streamlining administrative requirements:

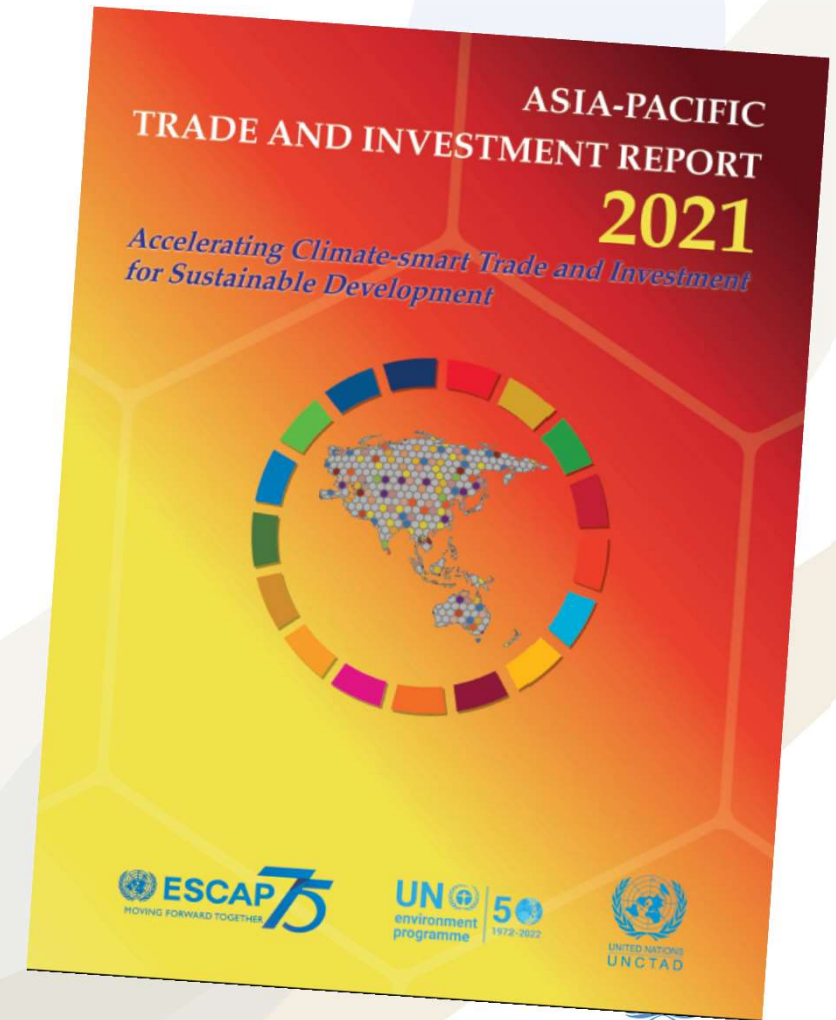
 **Increase in GHG emissions due to transport & carbon-related activities (paper, fuel, etc.)**

- Encourages introduction of new technologies:

 **Reduce use of carbon intensive resources**

# Climate-Smart Trade Facilitation: Definition

Facilitating volumes of import, export and transit goods while greening the supply chain and reducing negative impacts on climate change.



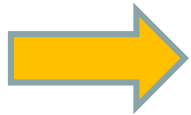
## Climate-Smart Trade Facilitation: Issues

- Impact of the multilateral frameworks and RTAs on TF: WTO TFA, PACER, ASEAN, RCEP.
- Full implementation of WTO TFA expected to increase export volumes by 20% for developed nations and 35% for developing nations.
- Pressure on shipping and transport with the increase in global trade and ecommerce

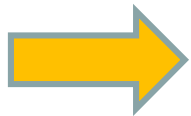


## Climate-Smart Trade Facilitation: Results

- The role of technology in supply chain and how it increases performance and reduce GHG emissions.



*Electronic Single Window of Vanuatu* with a reduction of 5,827 kg of CO<sub>2</sub> emissions by eliminating the use of papers in two trade procedures automated only.



*Trade Information Portals in Kenya and simplification:* resulted in 42 trade procedures, eliminate 64 documents and saved 69 hours in total.

## Conclusion

Making processes more efficient reduces emissions associated with printing, waiting, and unnecessary procedures in trade. Trade facilitation thus has a direct positive impact on reducing emissions.





## POLICY RECOMMENDATIONS

- **NATIONAL**

- **Encourage** Governments to introduce & increase digitalization of their trade and customs processes,
- **Ensure** the use of green technologies in the automated customs systems, eSW and TIPs.

- **REGIONAL**

- **Promote** global coordination among governments and innovation in technologies and renewable energy to ensure coherence and efficiency of trade facilitation instruments
- **Amend** the RTAs to include spillover effects on climate change in reference to trade and transport facilitation.



NATIONS UNIES  
CNUCED

# THANK YOU

# UNCTAD

PROSPERITY FOR ALL

[www.unctad.org](http://www.unctad.org)



UNITED NATIONS  
UNCTAD