

LOGISTICAL FLOW & CUSTOMS

IMO CONFERENCE – LONDON 11 APRIL 2019

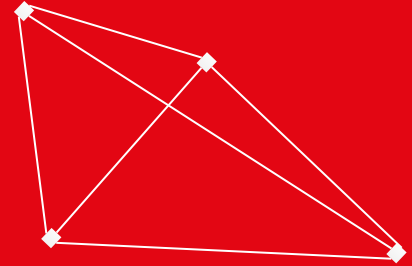


YOUR SPEAKER

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- Chairman of International Port Community Systems Association
Customs Committee



CHALLENGES - KEY ELEMENTS



LOGISTICS TODAY

- **What are the challenges?**

- Time is the most critical element = 24/7 on time delivery
- Increasing demands on data availability and quality of data
- Legal requirements = e.g. which kind of declarations + notifications; risk management
- Cooperation with involved authorities

- Track & Trace is now needed everywhere
- Saving on costs and resources
- Local limitations
 - Space
 - Type of goods
 - Political
- Environmentfriendly



CUSTOMS & CLEARANCING

→ Customs is a key player in the supply chain

- What is the role of customs = core mandate?
 - Risk analysis
 - Control measures on goods
 - Customs supervision
 - Collection of import duties



CUSTOMS ↔ LOGISTICS

- Efficiency = What to do on the side of customs?

- **Releasetimes**

- External + internal interfacing
- Comprehensive risk + rule engines
- Automated approval
- Pre-clearancing

- **Common control activities**

- **System based approach**

- Trusted partnership with trade (eg AEO; self-assessment; etc.)
- Self-assessment
- Intensive system of post-audits

PCS / CCS BENEFITS

- Port Community Systems + Logistics →
 - Central data hub
 - Transparency
 - Link between business and governmental bodies
 - Legally required notifications
 - Connected to the right events

- Monitoring
- Trusted partner for **all** stakeholders
- Platform for worldwide exchange





- Pre clearance
- Port order
- Gate In / Out
- Vessel handling
- **Verified gross mass**
- Customs release
- Safety + health
- Dangerous goods
- Hinterland connection
- Rail + road
- Risk management
- Warehousing
- Data exchange
- ...

MODERN LOGISTICS

▪ Processes

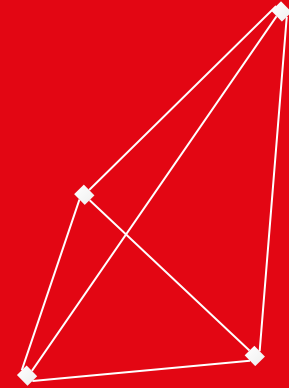
- **Single Window / Cargo Community Systems**
- Network-of-Trusted-Networks
- Simplifications for clearance
- Trusted partnership (AEO)
- Trusted Trade Lines
- Monitored corridors
- Re-use of data



▪ Technologies

- Data Backbones / Interoperation of systems
- Blockchain
- Mobile devices
- Robotics / Artificial intelligence / Vessel + Container positioning
- ETD (Electronic Transport Documents – exchange of data for all means of transport)

CONCLUSION



WHAT SHOULD BE CONSIDERED?

- In order to meet the increased demands of global trade, especially with regard to e-commerce and industry 4.0, investing in a modern logistics infrastructure is the key to success.
- In addition to the structural measures and investments in new technologies, the focus should be on the integration and implementation of international data streams and electronic services into the IT landscape of each and every company.
- There are still some big tasks ahead of us = e.g. data harmonisation, reorganisation of data quality, **legal issues**. Thus, the topic of infrastructure is not just a matter of funding and quantities of steel, concrete and technology. Rather, the cooperation with all stakeholders, especially the governmental bodies is of very outstanding importance.

THANK YOU



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