

How ECTA and ECLIC are driving change in a more unified European chemical logistics chain

“Shipper – LSP” collaboration opportunities to improve safety, sustainability, compliancy while saving costs

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Logichem
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The European Chemical industry and Supply Chains are in constant disruption and change

- EU Competitiveness crisis
- EU Energy crisis
- Create one EU voice (coalition based)



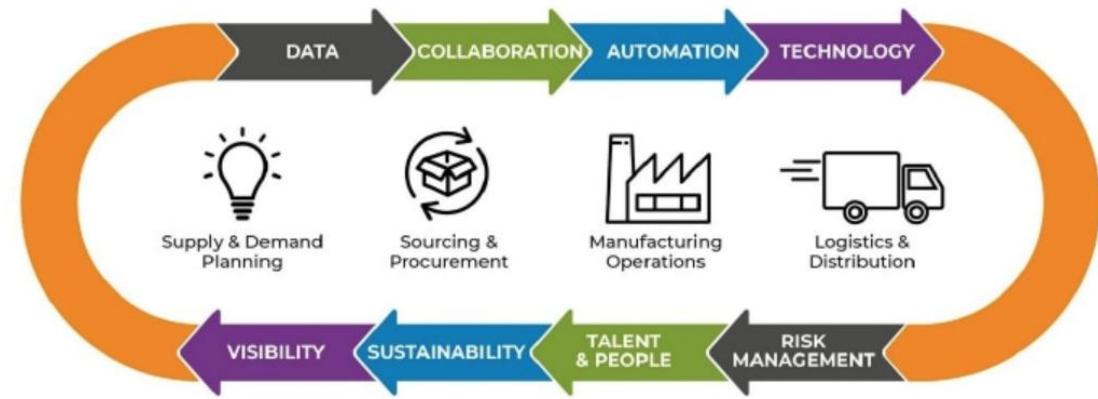
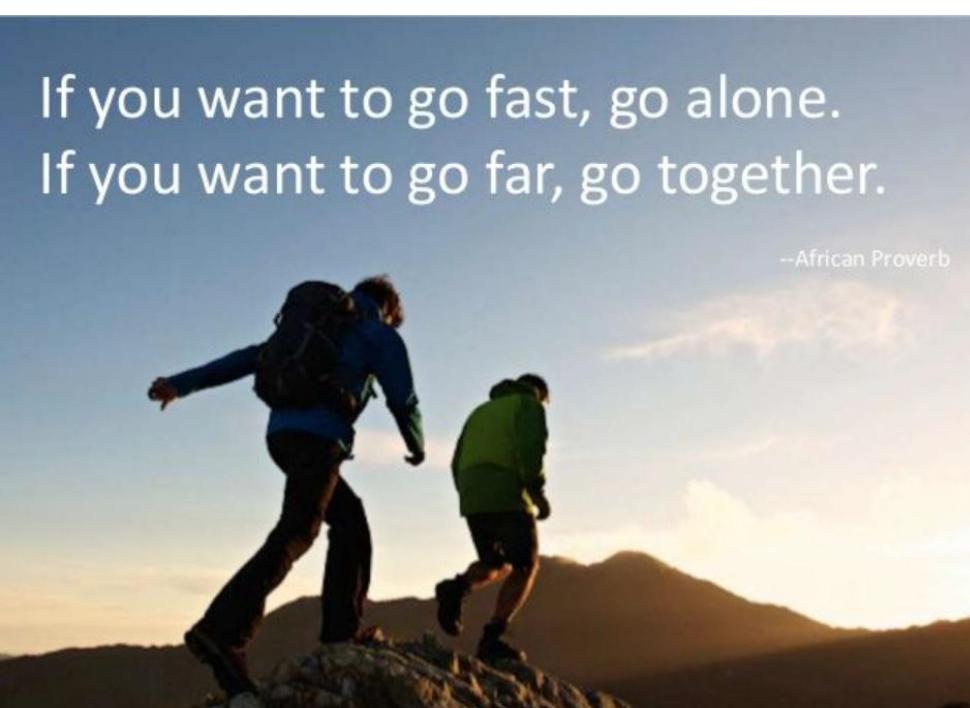
How to survive in Logistics within Chemical industry?

How to drive change as EU logistics/EU SC lead in a global company?

Given the new US administration, we urgently need to look at EU supply chains with a different lens and create a unified European view



Drive unification, standardization and industry collaboration to regain the EU industry competitiveness



Collectively working together and think as a logistics ecosystem to save costs and create competitiveness

Combine company project tracks with consortium project tracks

4 example opportunities of industry consortium collaborations and cost savings in Chemical Logistics



- 1) Digital collaboration opportunity in tank cleaning and eCMR (ECLIC-ECTA-EFTCO-CEFIC-essenscia)
- 2) New digital Intermodal data standards to reduce admin costs (ECTA-UIRR-ERFA)
- 3) Industry benchmark opportunity with the ECTA Drivers APP (ECTA)
- 4) Increase logistics performance by attracting more female drivers, operators and leaders (WIL-ECTA-CEFIC)

(1) Digital collaboration to replace logistics paper documents with automated processes like eECD and eCMR (ECLIC)

The problem



Efficiency – Cost reduction

Source: NRC Handelsblad Sept 2024

Safety & Compliancy

Due to lack of a better alternative, paper makes us blind...

- ▶ Paper does not anticipate
- ▶ Paper creates waiting times
- ▶ Paper prevents automation
- ▶ Paper is slow
- ▶ Paper is fraude sensitive
- ▶ Paper asks for more Paper
- ▶ Paper prevents future digital supply chain collaboration

...and keeps us blind, due to todays fragmented digital solutions...

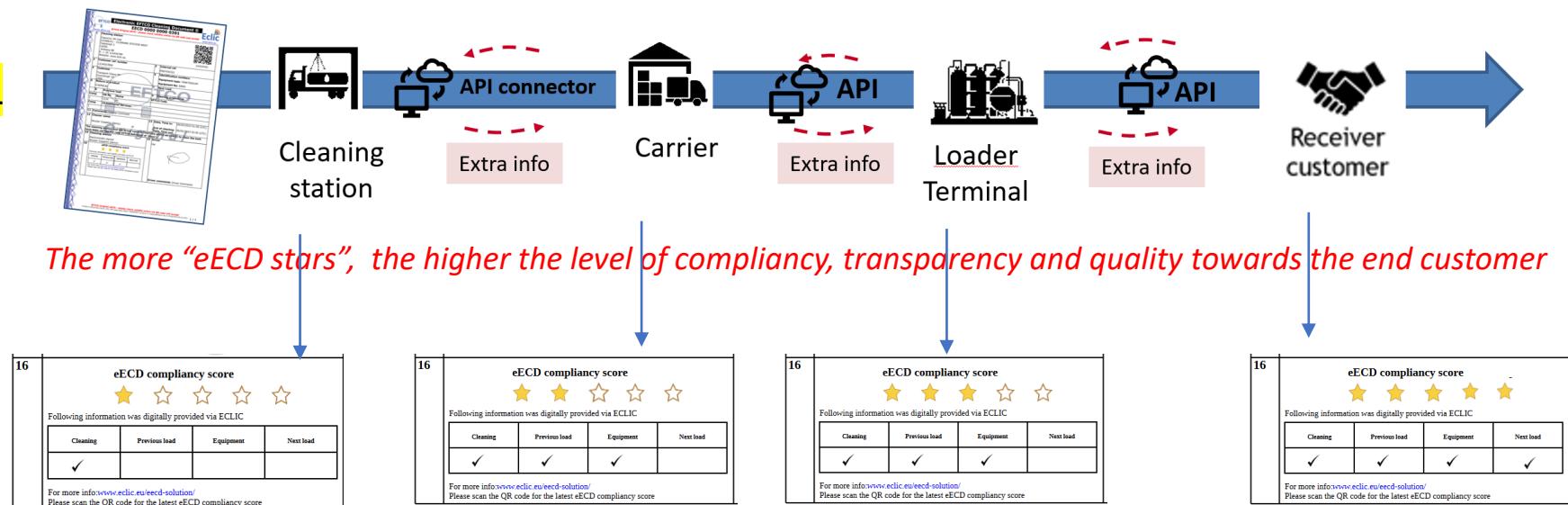
Transparency

From “paper ECD” to “digital automated eECD document flow”

Paper ECD
Lowest level of compliancy
and sustainability



Digital eECD Flow – **PUSH & PULL**
(paperless & hybrid version)



Digital Collaboration in ACTION via ECLIC community



The ECLIC digital collaboration community

Over 55 ECLIC registered companies
More than 1.000 active users exchanging data sets
More than 80.000 e-Docs interactions/year
>10 "machine to machine" integrations

Producers: BASF, INEOS, SUMITOMO CHEMICAL, LyondellBasell, Shell, Repsol, E.ON Energy Resources, KURE, BERTSCHI, GARTNER, PAÑALON, TRAFICO, NEWPORT, MTX, Remitrans, W.T.R.J., Timmell.

Transport and Logistics: KURE, BERTSCHI, cotac, HEMPT, TDC, fabler, Köppen, Gruber, Spini Logistics, Mervielde.

Tank cleaning: H.T.C. Tankcleaning & Container Services.

ECLIC solution developers & integrators: NxtPort, PIONEER NV, nallian, LYNX, Elemina, TRANSPORTEON, LUCSOFT, alpega, ECTA, essencia, cefic, EFTCO.

Industry associations: ECTA, essencia, cefic, EFTCO.

Update Sep 2024

JOIN the ECLIC community info@eclic.eu

Think in terms of industry standardized Process automations – connect once /connect many



=> eECD roll out in Chemical Cluster Rotterdam-Antwerp and Tarragona to drive eECD integration and automation

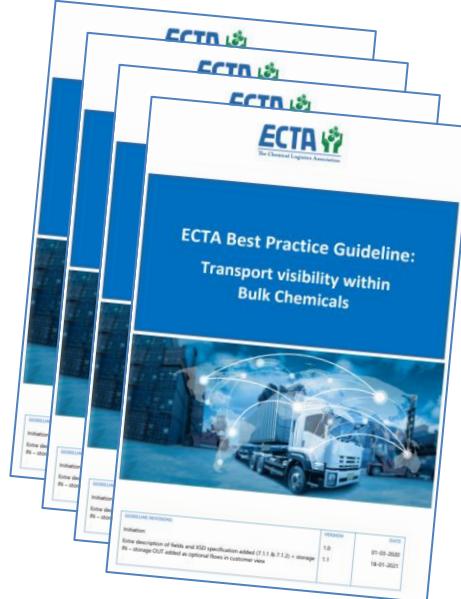
=> eCMR consortium once enough shippers buy-in

(2) Standardization of Digital Processes in Intermodal Chains: New joint ECTA-UIRR-ERFA workgroup since Jan 2005

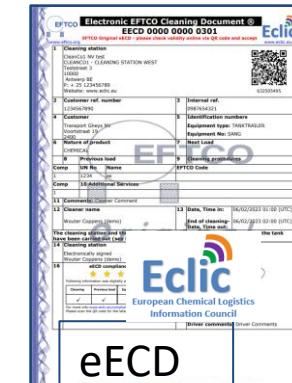
Objectives: Significantly improve competitiveness of intermodal in Europe
 Driving intermodal efficiency & performance through digital collaboration

- Higher reliability → real time visibility
 → reduced complexity
 → higher resilience
 → much less manual data entry & mistakes, better OTD
- Cost reduction → overhead costs from 29% → ~15% of total IM costs

Digital Industry standards are the foundation to drive interoperability and digital collaboration

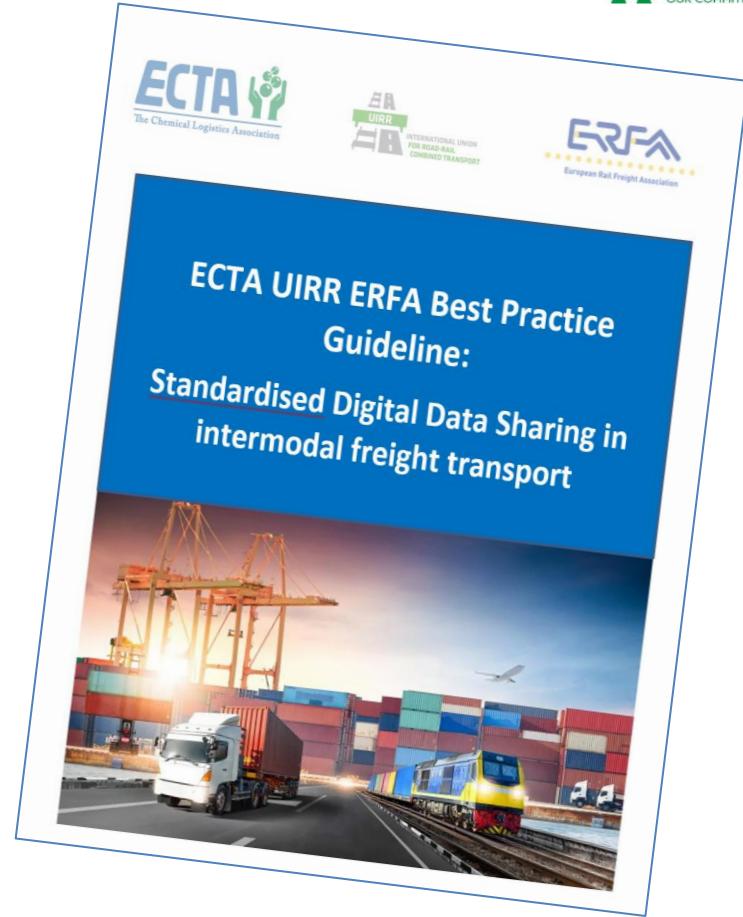


Digital standards
Best practice Guidelines



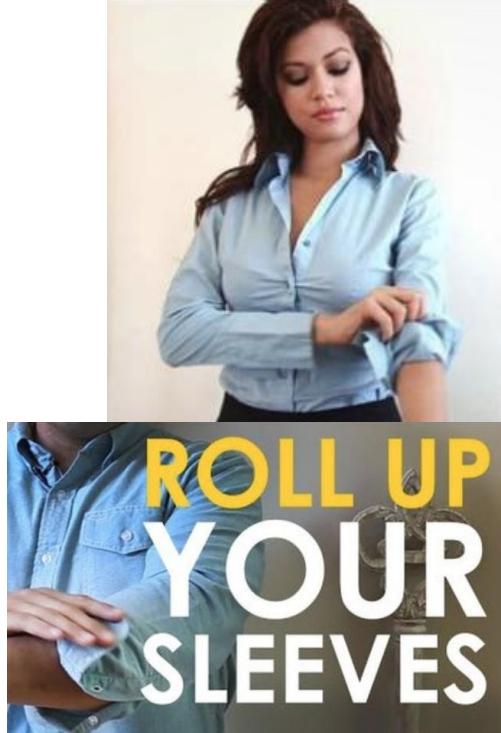
eECD
ePPL
eECO
eEquip

Digital collaboration
ECLIC chem. Community in ACTION



2025 intermodal standards
to create digital resilience together

Conclusion: To make Chemical Logistics more competitive, we need to stand up as European Supply Chain leads with a new open lens for change, unification and digital collaboration



Roll up your sleeves and think in consortium project tracks

Q&A

