

# Digitally connected logistics - how to make it work

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**EurTradeNet**

**Matjaž Auflič**

Trinet Informatika, Head of Development

EurTradeNet, Content Digester

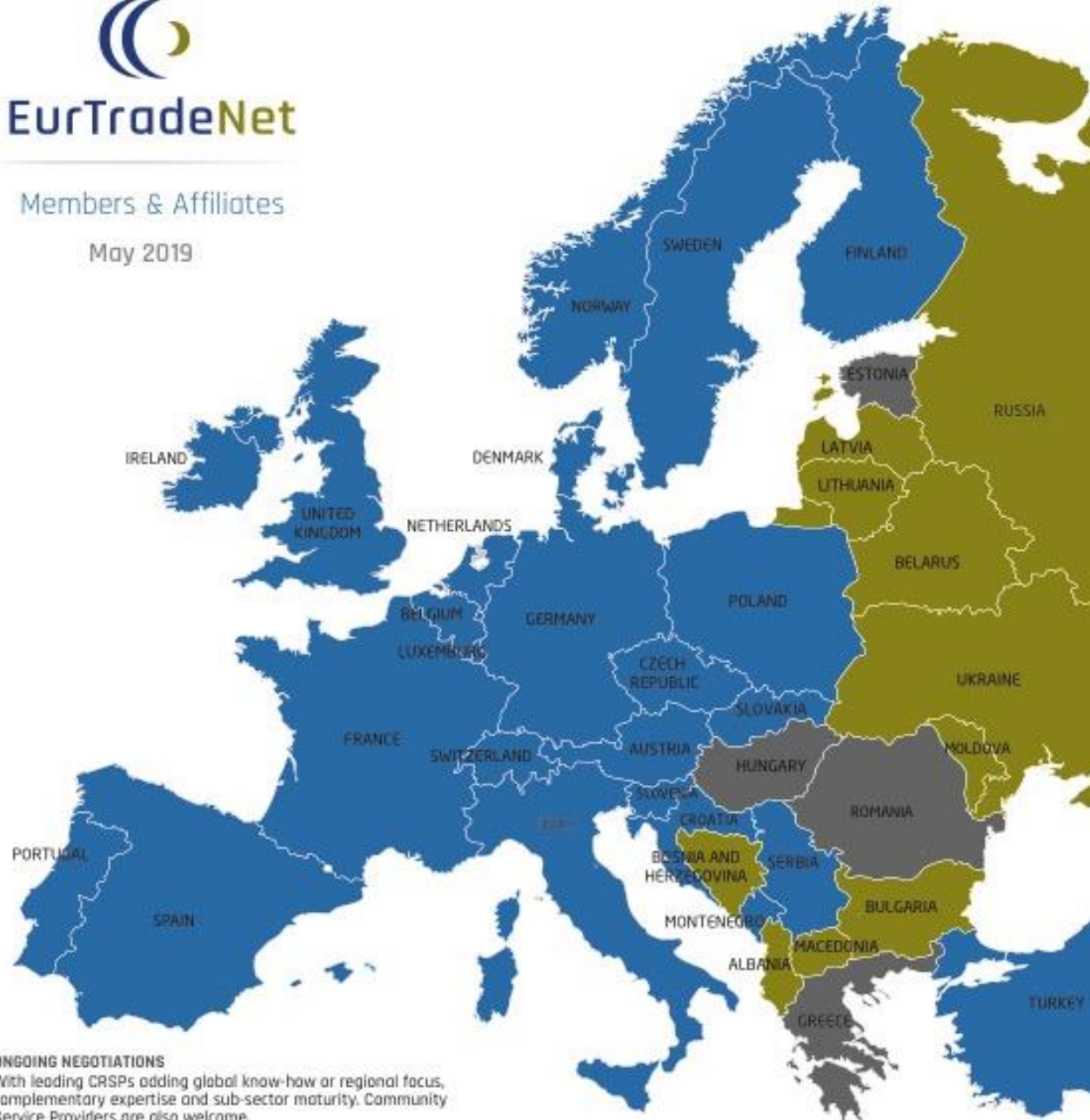




# EurTradeNet

## Members & Affiliates

May 2019



### ONGOING NEGOTIATIONS

With leading CRSPs adding global know-how or regional focus, complementary expertise and sub-sector maturity. Community Service Providers are also welcome.

<b>ACO</b> ITALY	<b>AKANEA</b> FRANCE
<b>ANADA</b> CROATIA	<b>BLUEJAY</b> GLOBAL
<b>CARGNAUT</b> NETHERLANDS	<b>CDM SOFTWARE</b> UNITED KINGDOM & USA
<b>CELNÍ SOFTWARE</b> CZECH REPUBLIC	<b>CHAMP</b> GLOBAL
<b>CNS</b> CZECH REPUBLIC	<b>CONEX</b> FRANCE
<b>CUSTOMS MATTERS</b> IRELAND · UK	<b>C4T</b> BELGIUM
<b>DAKOSY</b> GERMANY · AUSTRIA SWITZERLAND	<b>DESCARTES</b> GLOBAL
<b>DFLEX</b> SLOVAKIA	<b>ELSPED</b> SERBIA · MONTENEGRO
<b>EMMA</b> NORDIC COUNTRIES	<b>ERA SYSTEM</b> ITALY
<b>EURDARPA</b> ITALY	<b>INTRIS</b> BENELUX
<b>KGH</b> NORDIC COUNTRIES	<b>MOREDATA</b> PORTUGAL
<b>M2R2</b> ITALY	<b>NOVASYSTEMS</b> ITALY
<b>NZ SERVIS</b> CZECH REPUBLIC	<b>OPTISOFT</b> ITALY
<b>SKG</b> POLAND · CENTRAL & NORTH EASTERN EUROPE	<b>SPRINT INFORMATICA</b> ITALY
<b>STREAM SOFTWARE</b> BENELUX	<b>TARIC</b> SPAIN
<b>TRINET</b> SLOVENIA SOUTH EASTERN EUROPE	<b>ULUKOM</b> TURKEY
<b>VIVANSA</b> BELUX	<b>WISETECH GLOBAL</b> GLOBAL
<b>AFSS</b> AFFILIATE UK	<b>CRSNP</b> AFFILIATE BELGIUM

# Scope Of Support

Stable member of the Trade Contact Group, WCO & UN/CEFACT observer

- **UCC**

Active contribution to eCustoms renovation along the life cycle of systems (design, implementation, testing, deployment, and operation)

AES&NCTS (from technical specifications to deployment „multipliers“)

ICS-2 (from Shared Trader Interface to EU deployment and promotion)

- **Single Window**

Internal analysis of state of play EU-wide

National Single Window for customs (common framework) – Position Paper

Certificate exchange (CERTEX) – Phase 1

- **eFTI regulation**

DTLF member (SG1 workgroup – Paperless transport)

# IT&C perspective

CRSPs minimum requests for system deployments (B2A)

- **Plans and specifications**

Timely and accurate, functional & technical (including national exemptions), also in English

- **Testing**

EU-wide accessible, comprehensive, on-time at all stages

- **Support**

Help-desks, functional & technical, experts able to escalate

- **Facilitation**

EU-valid (no artificial barriers), no repetitive testing, software certification

# Digitalization of Logistics

## Choosing the right approach

- **Interoperability (raising level of)**

IT system opened for information exchange through web services/API-s

Not possible without standards

- Usage of existing data model (EUCDM, UN/CEFACT e-CMR, WCO data model, ...)
- Compliancy with existing ones in case of a new one
- Harmonized processes, procedures and contextual matters

- **Paperless processes**

Paper documents data already in electronic form

- **Technology**

Independent in digitalization process

Technology driven approach is not suitable (hype technology)

Plausible usage (cost, technical barriers, ...)

# Technology to consider 1/2

## Study technology advantages

- **Blockchain**

### Pros

- Data verification without third-party
- Smart contracts (process automation)
- Electronic authentication

### Cons

- Underlying technology
- ISO standard in progress (TC 307)
- High cost
- Legal application
- Level of trust

# Technology to consider 2/2

## Practical example

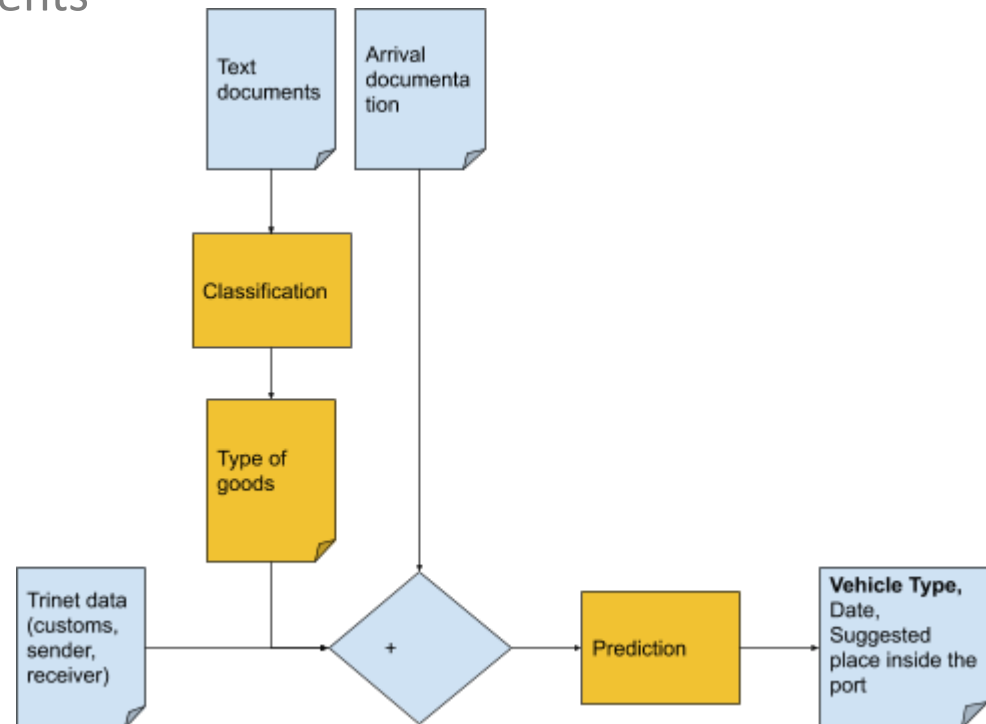
- **Artificial intelligence**

Part of Koper pilot project

AI system for outgoing cargo vehicle type prediction

Reduction of the goods movements

Usage of existing data



# Thank you for your attention

## Further information

- Web

<https://www.eurtradenet.org>

<https://www.trinet.si>

<https://www.transbook.onl> (e-CMR)

- E-mail

[matjaz.auflic@trinet.si](mailto:matjaz.auflic@trinet.si)

[miret@eurtradenet.org](mailto:miret@eurtradenet.org) (General Manager ETN)