NexTrust Collaboration Projects

Roman Strand, Manager eBusiness / GDSN, GS1 Germany

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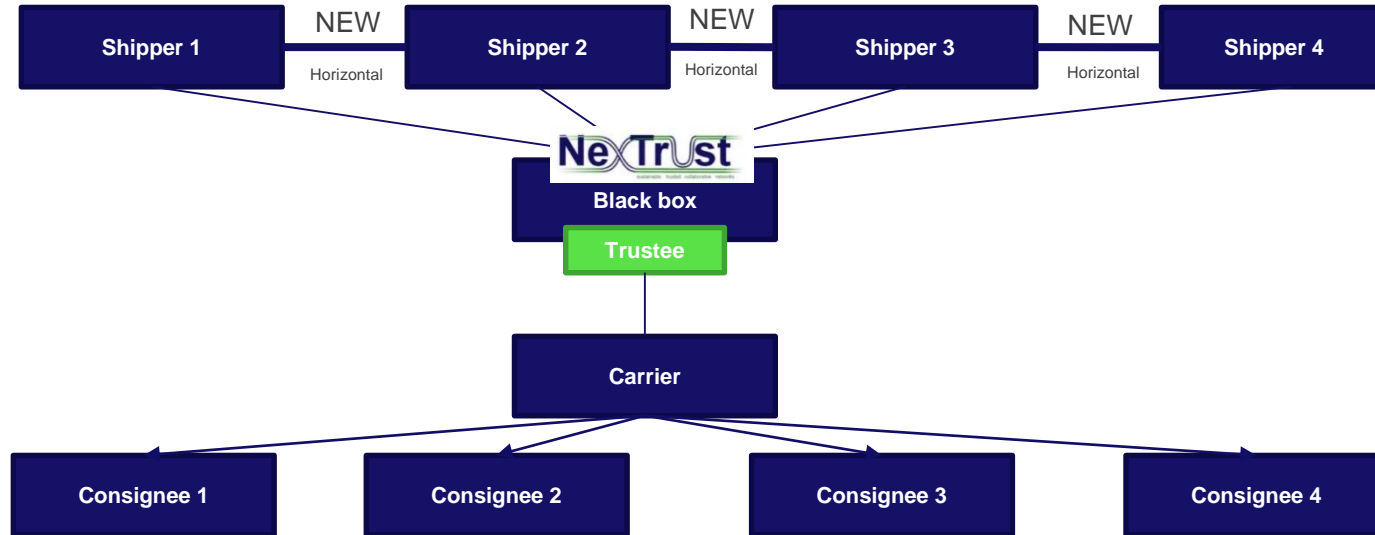
NexTrust – Sustainable Trusted Collaborative Networks

Roman Strand, GS1 Germany

What is NexTrust?

- A 42 month, European Commission (EC) funded project to encourage the "*Fostering (of) synergies along the supply chain (including e-commerce)*"

- The EU grant was awarded from the Horizon 2020 competition entitled: *"Fostering synergies alongside the supply chain (including e-commerce)"*

- The project brings together 31 consortium partners from across Europe working together in over 20 pilot cases

- Collaboration can be a buzz-word; there are many initiatives in use: Control Towers, 4PL solutions, etc. **We believe that to provide real scalable collaboration we need innovative business models to unlock the benefits. The project pilots will test and verify in real-market conditions, these innovative business model approaches to collaborative logistics for future market uptake.**

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NEW: One tender for more than one shipper!

What will the Project achieve?

Objective:

- Increase the efficiency and sustainability levels in the logistics supply chain by developing trusted, collaborative networks that enable horizontal and vertical collaboration across shippers, industry sectors, and last mile (e-commerce) in the European logistics market

- The project aims to:

  - Reduce deliveries by 20%, in turn reducing congestion

  - Reduce greenhouse gas (GHG) emissions by 50%

  - Increase load factors by 50%

  - Highlight the barriers to collaboration and suggest proven ways of eliminating them

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Our Supply Chain of Opportunity

Re-engineering the logistics components of the supply chain
Inbound supply chains
Collaborative integrated warehouse and distribution networks
Cross-supply chain transport network optimisation
Logistics Service Provider and intermodal capacity optimisation-pooling
E-commerce logistics innovation

"Building sustainable logistics through collaborative networks across the entire supply chain"
This project has received funding from the EU Horizon 2020 research & innovation programme under grant agreement 635874   www.nextrust-project.eu

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Who is Involved (Consortium by "Cluster")?

SHIPPER

LSP

TRUST

ICT / Logistic standardisation

ACADEMIA

User Guide on Standards Compliance Criteria

Link for Download

"User Guide on Standards Compliance Criteria"

Executive Summary and Introduction

**Identify
Capture
Share
Use**

GS1 Standards and Pilots

Checklist and Summary

NeXTrust

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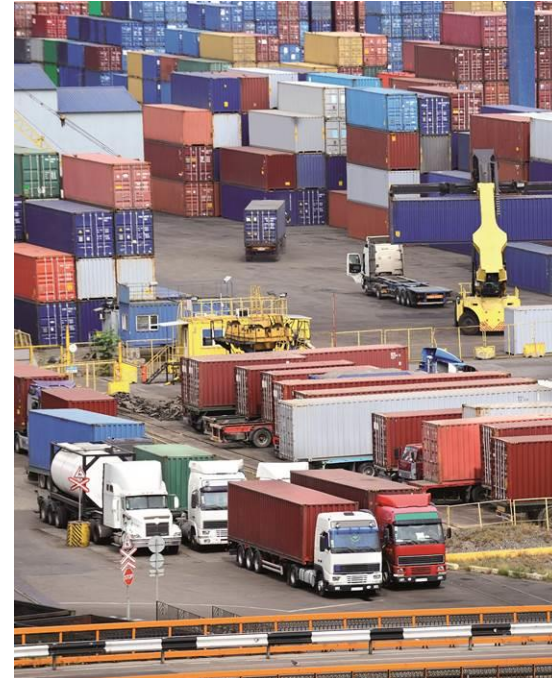
GS1 Standards and Pilots

- **NexTrust Pilots Moving from LTL to FTL (WP 1)**
- **NexTrust Pilots Optimising FTL Transport Flows (WP 2)**
- **NexTrust Pilots Concentrating on Last Mile and E-Commerce (WP 4)**

NexTrust Pilots Moving from LTL to FTL (WP1)

General view on supply chain target scenario (Source: GS1 Germany)

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NexTrust Pilots Optimising FTL Transport Flows (WP 2)

Independent on what the final scenarios will look like the following EDI messages can be relevant for the different stakeholders for

- Despatch Advice Information
  (EANCOM®: DESADV; GS1 XML: despatchAdviceMessage)

- Transport Instruction Information
  (EANCOM®: IFTMIN; GS1 XML: transportInstructionMessage)

- Transport Status Information
  (EANCOM®: IFTSTA; GS1 XML: transportStatusNotificationMessage)

NexTrust Pilots Concentrating on Last Mile and E-Commerce (WP 4)

- Pooling underutilized existing transport equipment
- Capacity sharing in the E-Commerce environment
- Supported by:
  - transport instruction
    (EANCOM®: IFTMIN; GS1 XML: transportInstructionMessage)
  - transport status messages
    (EANCOM®: IFTSTA; GS1 XML: transportStatusNotificationMessage)
  - in combination with the GS1 Logistics Label including the SSCC.

Next Step on Standardisation Tasks

Survey:

Cooperations in supply chain networks

The results will be published in the beginning of next year.

Pilot case

A ground breaking pilot with 4 Belgian Cookies suppliers,
Vondelmolen, Vermeiren, Poppies and Desobry
who consolidated their flows towards 4 Belgian Retailers,
Delhaize, Colruyt, Okay and RPCG.

This pilot was orchestrated by TRI-VIZOR and operated by K+N.

[Multi-Supplier Multi-Retailer Consolidation Platform for Cookies](#)

Further Information & Contact Details

- NexTrust Website: **www.nextrust-project.eu**

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