NexTrust Collaboration Projects

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NexTrust – Sustainable Trusted Collaborative Networks

Roman Strand, GS1 Germany

"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
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.
NEW: One tender for more than one shipper!

Shipper 1 NEW Shipper 2 NEW Shipper 3 NEW Shipper 4

Horizontal

Trustee

Carrier

Consigee 1 Consigee 2 Consigee 3 Consigee 4

Sustainable trusted collaborative networks

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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
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
**Who is Involved** (Consortium by “Cluster”)?

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<thead>
<tr>
<th>SHIPPER</th>
<th>LSP</th>
<th>TRUST</th>
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<tr>
<td>Beiersdorf</td>
<td>Unilever</td>
<td>2degrees</td>
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<td>TXLOGISTIK</td>
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**ICT / Logistic standardisation**

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| Wolters Kluwer Transport Services |}

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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

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NexTrust Pilots Moving from LTL to FTL (WP1)

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