



**Newsletter Issue 8  
February 2018**

Welcome to the 8th NexTrust Newsletter. Many of our pilots are now in the operation phase and exciting results have been achieved and are in the process of being validated

To share the pilots results we are holding the following workshops:-

**Thursday April 26th in Wiesbaden, Germany**  
**Thursday May 24th in Niel, Belgium**  
**Wednesday June 13th in Brussels, Belgium**  
**Tuesday July 17th in London, UK**  
**Tuesday September 25th in Rotterdam**  
**Thursday October 11th in Troisdorf, Germany**

For more information or to book a place please contact Caren Tomkins on [carentomkins@bishamconsulting.com](mailto:carentomkins@bishamconsulting.com)

[www.nextrust-project.eu](http://www.nextrust-project.eu)

## **Greenhouse Gas Reduction and Fair Gain Sharing in Trusted Collaborative Transport Networks**

**Written by Tom Van Steendam and Wout Dullaert  
Senior Researchers, Vlerick Business School**

NexTrust is a EU-funded project aiming to create sustainable and efficient supply chains in the logistics industry. The idea driving the project is to develop interconnected trusted networks between different players collaborating along the entire supply chain. To reach a high level of sustainability collaborative shipping agreements are developed, bundling freight volumes to reduce empty mileage and shifting them off the road whenever it is possible to intermodal rail and waterway. The

objectives are the increase of load factors to reach higher vehicle fill rates and the reduction of environmental impacts towards greener transportation modes, less emissions and less congestion, but also lower costs.

Currently, there is no single globally recognized and accepted standard for calculating Greenhouse Gas (including CO<sub>2</sub>) emissions along supply chains. Almost all participating stakeholders agree, however, that a common global approach is necessary to improve transport and supply chain sustainability. Given the importance of the NexTrust research project to develop innovation with the goal of a positive sustainable impact, the focus of this work is the measurement of the reduction in GHG emissions on the NexTrust pilot cases with a uniform and globally endorsed GHG calculation methodology. This method was recently proposed by the Global Logistics Emission Council (GLEC) in order to increase market acceptance of emission calculation guidelines at collaborative parties. This work is among the first to both, apply and test the GLEC framework to assess GHG emissions in a real-life collaborative trusted setting.

By applying this new standardized methodology to calculate GHG emissions across supply chains, the results show that trustee-enabled collaborative networks have the potential to reduce GHG emissions by 30 to 50%.

At the same time, the baseline for future fair gain sharing calculations is set. The methodology takes into account previous synergies and efficiencies as well as contribution to the network, while guaranteeing each individual partner's fair share of the gain by benefit allocation. This safeguards the need for transparency and trust between the collaboration partners and strengthens the stability and long-term viability of the collaboration.

## **Ground-breaking logistics pilot in London targets toxic fumes and congestion**

Since October 2017, NexTrust has been trialling a sustainable commercial delivery arrangement for chilled products and fresh produce in the centre of London. The pilot aims to consolidate multiple deliveries of these products onto fully electric refrigerated (1 to 5°C) vehicles to reduce congestion and toxic emissions in London.

NexTrust partners ELUPEG and Giventis have collaborated with shippers Solstor and Wincanton as well as the Food Storage & Distribution Federation (FSDF) and Paneltex to run this pilot in London. Currently, chilled products and fresh produce are loaded onto large articulated diesel vehicles (often only partially filled) at the Solstor depot in Crayford before being delivered to retailers or other food service establishments across London. In the pilot scenario the orders are consolidated from these under-utilised large vehicles into a smaller electric vehicle which makes multiple drops on its delivery route around central London.

Initial results have been very positive – with the potential to remove 30% of

commercial delivery vehicles from London's roads and offering an environmentally friendly (>95% reduction in emissions) alternative for food distribution. Pilot participants are confident that this type of delivery service has the potential to revolutionise the delivery network in cities across Europe.

To find out more watch our video here

<https://vimeo.com/254877634>

## Collaboration Survey

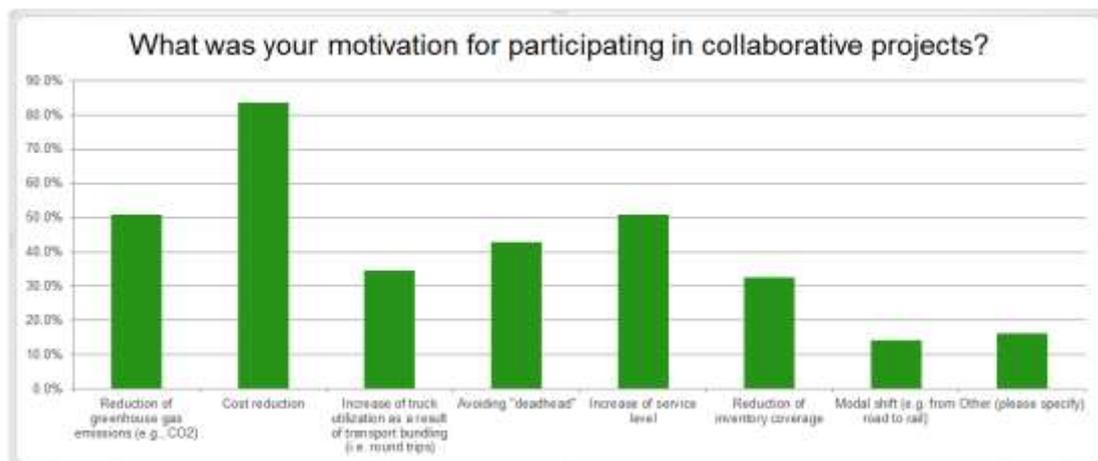
Within the framework of the European research project NexTrust, GS1 Germany as a member of the consortium conducted a study of the experience and willingness of companies to cooperate in supply chain networks. The aim of the survey was to analyze the current situation as well as the future willingness to cooperate between companies along the supply chain.

- The survey period was from September to December 2017
- 121 people participated in the survey
- 68% were large enterprises
- Target group: Raw material / packaging supplier, manufacturer, retailer, logistics service provider, pooling service providers.

GS1 also carried out interviews with 10 companies in January 2018 using the same target group as above

The top 3 reasons for collaboration based on the results are cost reduction, reduction of greenhouse gas emissions and increase of service level

The full results of the survey will be published on the website.



## NexTrust Industry Board Meeting

The 3rd NexTrust Industry Board meeting was held on February 1st in Cologne kindly hosted by GS1. It was a very well attended and successful meeting with excellent presentations and lively discussions.

It was an opportunity for partners and industry experts to share feedback and thoughts on the ongoing NexTrust project, and hear about some of the exciting results coming out of our pilots.

If you would like more information or to attend a future NIB meeting please contact us on [caretomkins@bishamconsulting.com](mailto:caretomkins@bishamconsulting.com)



## NexTrust is part of the Supply Chain Day

On **April 19th 2018** companies from the industrial, trading and logistics services sectors take visitors behind the scenes of logistics and supply chain management. Institutes open their doors and showcase their logistics and supply chain management projects. Educational and training centres present their seminars and courses in the field of logistics and supply chain management. Participants gain an insight into the wide variety of logistics and supply chain management activities performed every day.

The Open Door Day is organised in cooperation with the German Bundesvereinigung Logistik (BVL) and attracts thousands of visitors in over 20 countries across the world.

As part of the Supply Chain day GS1 Germany are offering guided tours of their Knowledge Center which includes a NexTrust Corner with flyers, press releases, and an overview of the results from the NexTrust Collaboration Survey.

# NexTrust Partners



## [www.nextrust-project.eu](http://www.nextrust-project.eu)

*“Building sustainable logistics through trusted collaborative networks across the entire supply chain”*



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