NexTrust

SUSTAINABLE • TRUSTED • COLLABORATIVE • NETWORKS

Newsletter Issue 6
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Welcome to the 6th NexTrust Newsletter - we are almost in the final year where all the hard work comes to fruition and results will be announced; so to stay informed about our activities or to contact us have a look at our website www.nextrust-project.eu

Pilot Project "Angel" is Launched. Fiege Logistik trials innovative model for evening parcel delivery

Parcels should reach their destination when shoppers are ready to receive them. A simple idea, which can prove to be a logistical challenge!

Logistics company Fiege started project, “Angel”, at the end of July to try to solve this

Last Mile delivery challenge. For Kisura, an online fashion stylist, Fiege uses an in-house developed IT platform to utilise under-used LSP vehicle fleets to organise the delivery of parcels.

Fiege has been working with a number of partners within the “NexTrust” project.to develop a collaborative, resource-friendly delivery option for Last Mile logistics.

Booming online trade boosts consignment volumes
The part of the project which Fiege spearheads is about making vacant vehicle resources available for the delivery of parcels. The uniqueness of this innovative model is the opportunity to use vehicle capacities from other companies in the region instead of own or conventional parcel delivery vehicles. The goal is to sustainably handle the dramatically growing volume of parcel shipments, which are a result of the booming online market.

Axel Niessner, Senior Project Manager at Fiege and official representative of the “E-commerce logistics innovation” working group, explains: “Parcel service providers currently offer little to no convenience to recipients. We will deliver the parcel at the recipient’s preferred time and place.”

IT platform developed in-house
This current pilot is working with a Berlin start-up, Kisura, which creates complete outfits for women in response to individual requests from its clientele. The heart of the “Angel” logistics concept is an IT platform developed by Fiege, which aims to organise E-commerce logistics using collaborative networks. Fleet operators transmit their vacant capacities to the system. The IT platform connects the vehicle with an optimised tour which it then offers to the drivers. Deliveries are to be made within a two-hour window between 6 pm and 11 pm.

“Recipients are pro-actively informed of the exact time of delivery as soon as the delivery driver is on his way”, explains Axel Niessner, who expects the solution to produce these results: “A much higher delivery success rate prevents additional delivery attempts and substantially contributes towards a reduction of inner-city trips.”

The NexTrust pilot project "Angel" will run until October and the results will be released early next year.

The full press release is available on our website
http://nextrust-project.eu/latest-news/press-release-august-2017

Associated Articles of Interest

Policymakers must embrace technology to deliver sustainable transport systems

The article below is of great interest and relevance to our NexTrust Project. It was written by George Ogleby and originally posted at https://www.edie.net/news/6/Policymakers-must-embrace-technology-to-deliver-sustainable-transport-systems--says-PwC/

New planning models which adopt collaborative and tech-savvy approaches are required to create future sustainable and connected transport systems, according to a new report from PwC.

The study warns that a large number of the world's transport systems cannot meet the needs of rapidly growing populations. It also highlights the environmental repercussions of unsustainable transportation planning - transportation accounts for 14% of greenhouse gas (GHG) emissions in the world's cities.

With more than $14trn (USD) expected to be invested in global transport infrastructure projects by 2025, PWC is calling for a rapid evolution in transportation planning and policy techniques.

"Transportation needs are increasing all over the world and while the focus of developed and developing nations may differ, it's clear that if these growing demands are to be met in a sustainable and connected way, a new future-focused and integrated approach is needed," PwC's Strategy& UK director Daniel Hanson said.

Technological revolution

The report claims that the design and operation of transportation systems should take advantage of technology advancements, such as autonomous vehicles and the growing ability of big data to assess, analyse, and predict real-time traffic flows.

It insists that improved techniques for analysing big data have the potential to deliver better planning decisions and real-time operational outcomes that can improve sustainability and inclusivity. The report encourages greater collaboration between public and private sectors across areas such as risk sharing to accelerate sustainability throughout the life-cycle of a project.

With the shift to an increasingly electrified and digital world, the report stresses there may be a need to redesign the electrical grid to ensure power is available to charge and operate a wide variety of vehicles and systems and take advantage of their ability to store and generate electricity themselves.

"*Over the next few years, we'll see a technological revolution in transportation that will not only affect individual and commercial users, but will inevitably drive new approaches by regulators, funders and policymakers,*" PwC's Strategy & senior executive director Edward Clayton said.

"*Decisions made now will lock in the future shape of transport so it is vital that cities and nations get it right. Closer collaboration between governments, academics, systems developers, investors and users, will go a long way towards this goal.*"

UK policymakers have taken major steps in recent weeks to improve the sustainability of the country's transport system. The long-awaited Air Quality Plan released last month includes a ban on all new petrol and diesel cars and vans from 2040.

Regulatory efforts have been matched by strong commitments by the automotive sector to accelerate the low-carbon vehicle transition. BMW last month announced that it is to build the first fully-electric version of the iconic Mini in the UK, days before Tesla handed over the keys to the first customers of its new Model 3.

(The views expressed in the article are not those necessarily of the NexTrust Consortium.)

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"Building sustainable logistics through trusted collaborative networks across the entire supply chain"

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