

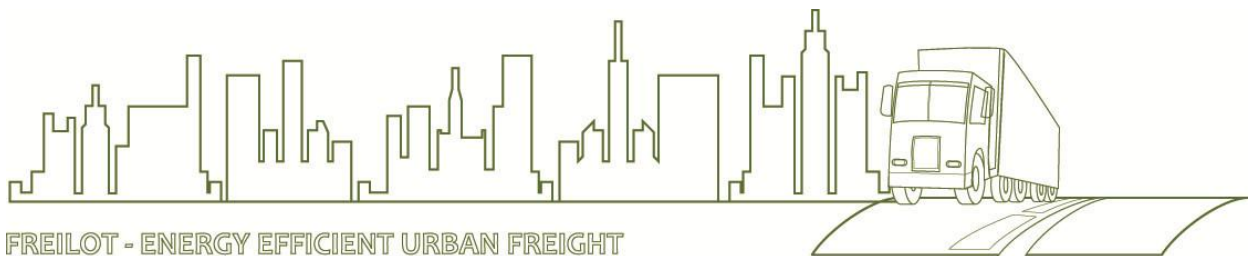


FREILOT

Urban Freight Energy Efficiency Pilot

D.FL.5.7 Open workshop nr.3

Cooperative Systems: Today, Tomorrow and Forever?



Version number

Main authors

Dissemination level

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Due date

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Delivery date workshop report

Version 1.0

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1. Executive summary

The third and final FREILOT open workshop was held on the 19 June in Helmond, the Netherlands. The event was co-organised with eCoMove project and focused on the cooperative traffic management, the part of FREILOT which together with Delivery Space Booking in Bilbao has been the most successful service in the project. Even though the workshop was focusing on cooperative traffic management all other FREILOT services and their results were presented during the event.

One of the key announcements made at the event was that the City of Helmond, the Netherlands, has decided to continue the cooperative mobility service (Energy Efficient Intersection Control) piloted in the project. Based on the positive results of the pilot, the partners involved (the Helmond Fire Brigade, the Municipality, Van den Broek Logistics and Imtech/Peek) are in talks to work out the details of a commercial agreement. These talks mark the end phase of FREILOT, and a beginning of the commercial operation of cooperative mobility services in Europe, where cooperative services are used in daily life by key stakeholders, such as city authorities, the fire brigade and fleet operators.

The event attracted around 50 participants, representing the various ITS stakeholders; ITS industry, consultants, research and public authorities and featured a plenary part with presentations of FREILOT and eCoMove work and results, a demonstration tour and a networking session. Furthermore a dedicated press briefing was organised for the present media.

Speakers at the event gave a good representation of the key stakeholders involved: workshop was chaired by Mr Willem Hartman, Chairman of the Dutch organisation for traffic management ASTRIN. PEEK Traffic presented their commercial road side unit while representatives from cities (POLIS, and City of Helmond), users (Fleet owner VDB Logistics, Fire Brigade) and ERTICO took part in the panel discussion.

The press release issued at the event stated amongst other comments from the key Helmond site partners:

Gert Blom, Strategic Adviser Mobility of City of Helmond, said, *“After seeing the results of the FREILOT pilot, we are convinced of the clear benefits of cooperative mobility services. We are especially pleased that the Helmond fire brigade successfully joined the pilot project in 2011, providing another reason for Helmond to continue with the FREILOT solution even after the end of this project”*.

Karel van Rooij, Van den Broek Logistics, said, *“The time savings and increase in delivery reliability and predictability is a key aspect of the FREILOT services for our company.”*

Joost Janssen, Policy Officer Fire Brigade, City of Helmond, said, *“FREILOT helps us to arrive where we need to be quicker and safer. We are very keen to continue working on FREILOT with other stakeholders to further enhance this service to better serve our community.”* The Cooperative Services: Today, Tomorrow and Forever?” workshop was jointly organised by FREILOT and eCoMove, an EU co-funded research project, based on the same technology, taking eco-mobility services to the next level.

Willem Hartman, Managing Director at Imtech/Peek Netherlands, stated in December 2011 that the work from FREILOT and eCoMove has contributed strongly to the commercialisation of the cooperative services.

Zeljko Jeftic, FREILOT Project Coordinator of the European Union’s first Competiveness and Innovation Programme pilot project in intelligent transport systems said, *“Not only has FREILOT shown the benefits of cooperative mobility services in a real environment, leading to a 13% reduction in fuel consumption and CO2 emissions but it has also successfully overcome all deployment barriers towards a successful and viable project after-life.”*

The workshop was clearly orientated to the practical aspects of deployment, with a demonstration tour through Helmond with FREILOT-equipped vehicles, organised by Imtech/Peek, a visit to the DITCM Control Room organised by TNO and a virtual tour with the FREILOT simulator.

2. Agenda & presentations

All the presentations of the speakers have been uploaded in PDF format on the FREILOT website on the [page dedicated to the event](#).

Cooperative Systems: Today, Tomorrow and Forever?

Date: 19 June 2012
Location: Automotive Campus NL
Steenovenweg 1
5708 HN Helmond
The Netherlands

09.00 Collective transfer from hotel West-Ende to Automotive Campus NL

09.30 Registration, coffee and visit to:
-FREILOT simulator showcase
-An impression of FREILOT/eCoMove: The SW and HW platform that is used in the live-system, video material that clearly illustrates the functionality

10.00 *Welcome*
Moderator: Willem Hartman, Chairman ASTRIN

10.05 *Keynote speaker*
Nico Zornig, Business Line Manager Reliable Mobility Systems TNO

10.20 *FREILOT and eCoMove introduction 'saving fuel in traffic by 20%'*
Zeljko Jeftic, Project Coordinator ERTICO

10.40 *FREILOT insights: The first results and best practice for the future*
Rosa Blanco, coordinator of Simulation and Human Factor area CTAG & Eric Koenders, Senior Traffic Researcher Research & Development Peek Traffic

11.10 Break

11.30 *eCoMove insights: The next generation cooperative traffic management*
Jaap van Vreeswijk Traffic Engineering Researcher Peek Traffic

12.00 *Europe's first commercial cooperative platform for road operators*
Remi Tops, Manager New Business Peek Traffic

12.45 Lunch and visit to:
-FREILOT/eCoMove simulator showcase
-An impression of eCoMove/FREILOT: The SW and HW platform that is used in the live-system, some video material that illustrates the functionality

13.45 *COMeSafety: Standardisation and certification*
Francois Fischer, project manager ERTICO

14.15 *Panel discussion with representative stakeholders on deployment opportunities, barriers and solutions.*
Joost Janssen, Policy Officer Fire-Brigade City of Helmond
Karel van Rooij, Director Van den Broek Logistics
Frans van Waes, Senior Consultant Vialis
Gert Blom, Strategic advisor mobility City of Helmond
Zeljko Jeftic, Project Coordinator ERTICO
Gabriela Barrera, Project manager POLIS
Wim Broeders, Director MAPtm

15.15 Conclusions and closure of the day

15.30 ParckR App launch, demo tour, site visits, and network cocktail
a) *Official launch of the ParckR App for intelligent truck parking*
b) *A demo tour through Helmond with equipped vehicles organised*
c) *Visit DITCM Control Room*

17.30 Collective transfer from Automotive Campus NL to hotel West-Ende








Figure 1. The final agenda

3. Dissemination of the event

In order to address the widest audience possible, the dissemination of the workshop passed through different communication channels.

- News for the event was **published on following websites:**
 - [FREILOT project](#)
 - [Driven – Helmond, City of Smart Mobility](#)
 - [ERTICO](#)

The screenshot shows the ERTICO website interface. At the top, there is a navigation bar with the ERTICO logo and the tagline 'Intelligent Transport Systems and Services for Europe'. Below the navigation bar, there is a banner image of a road. The main content area features a heading for 'The Cooperative Services Workshop: Today, Tomorrow and Forever?' dated 19/06/2012. A ticket information section, powered by Eventbrite, indicates that the event is not available. The page also includes a link to the draft agenda and a paragraph of text describing the workshop's purpose and the FREILOT project's goals.

Figure 2. ERTICO website

➤ [EU Sustainable Energy Week](#)

The screenshot shows the website for Sustainable Energy Week (18-22 June 2012). The header includes a navigation menu with links for HOME, JOIN, ENERGY DAYS EUROPE, ENERGY WEEK BRUSSELS, AWARDS COMPETITION, PRESS CORNER, and LATEST NEWS. A 'Sign in' button is located in the top right corner.

The main content area is titled 'Event information' and features a search bar and a 'Back to events list' link. The featured event is 'Cooperative Services Workshop: Today, Tomorrow and Forever?'.

Event details:
 Netherlands - Helmond
 Event date: 19 June 2012
 Organiser: ERTICO - ITS Europe - (Covenant of Mayors)
 Other organiser(s): Gemeente Helmond

Description:
 The Cooperative Services workshop will present and debate the FREILOT project results, successes – and problems overcome, as well as the next generation of cooperative services for eco-traffic management developed in the other EC-funded project eCoMove.
 A full demo tour will enable visitors to experience FREILOT in action and a simulator will give them an impression of how eCoMove future services may improve the whole driving experience while reducing fuel consumption and CO2 emissions by up to 20%.
 FREILOT started off in April 2009 as one of Europe's first CIP pilot projects for transport. The aim was to drastically increase energy efficiency in road goods transport in urban areas through the use of cooperative ITS technologies – and to create the conditions for the business implementation of the piloted services. The project will conclude in September 2012 and present its main results and best practices during the workshop, "passing the torch" to eCoMove, which is using the same platform.



Where and when?
 Address: Automotive Campus NL Steenovenweg 1
 City: Helmond
 Country: Netherlands
 Event date: 19 June 2012
 From: 9:00 to 17:30
 Go to website

On the right side, there is a social media widget for Facebook and Twitter. The Facebook section shows 'EU Energy Days sur Facebook' with 2,937 likes. The Twitter section shows a tweet: 'EU Energy Days EUSEW calls aspiring film makers to produce a five-minute video on....' with a link to the event page.

Figure 3. EU Sustainable Energy Week website

➤ [i-Mobility Network](#)

Bringing intelligence into mobility for people and goods across Europe

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You are here : [i-Mobility Network](#) / [Members](#) » [ITS Associations](#) » Cooperative Services workshop: Today, Tomorrow and Forever?


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[Go to Events](#)


The future of cooperative services has arrived!

19/06/2012 - 19/06/2012

Ticket Information

Powered by 

This event is not available.



Click [here](#) for more information

Join public authorities and road operators, haulage operators, ITS experts and EU representatives at the Cooperative Services workshop to explore the cooperative services in the present... and the future! Organised by [FREILOT](#) and [eCoMove](#).

In April 2009 the FREILOT consortium came together in one of Europe's first CIP pilot projects for transport. The aim was to drastically increase energy efficiency in road goods transport in urban areas through the use of cooperative ITS technologies – and to create the conditions for the business implementation of the FREILOT service.

The FREILOT project will conclude in September 2012. What are the main outcomes and best practices from the FREILOT experience? Are there clear benefits in buying into FREILOT for different road transport stakeholders - public authorities and road operators as well as haulage firms? Will FREILOT live on and expand after the pilot's conclusion?

Already the first platform for cooperative intelligent transport systems in Europe has emerged from FREILOT – and its being used in the eCoMove project!

eCoMove, a four-year (2010-2013) research project co-funded by the European Commission, is developing and testing cooperative technologies and services for energy efficiency. The focus of the project is on inefficient behaviours and strategies responsible for avoidable energy use in road transport: driving performance, trip planning & route choice and traffic management.

The Cooperative Services workshop will present and debate FREILOT results, successes – and problems overcome. Cooperative services in the light of Europe's first completed CIP pilot for freight logistics will be examined. A full demo tour and a simulator will enable visitors to fully experience FREILOT in action. The next generation of cooperative services for eco-traffic management will be examined in the light of

Figure 4. i-Mobility Network website

➤ [eCoMove project](#)

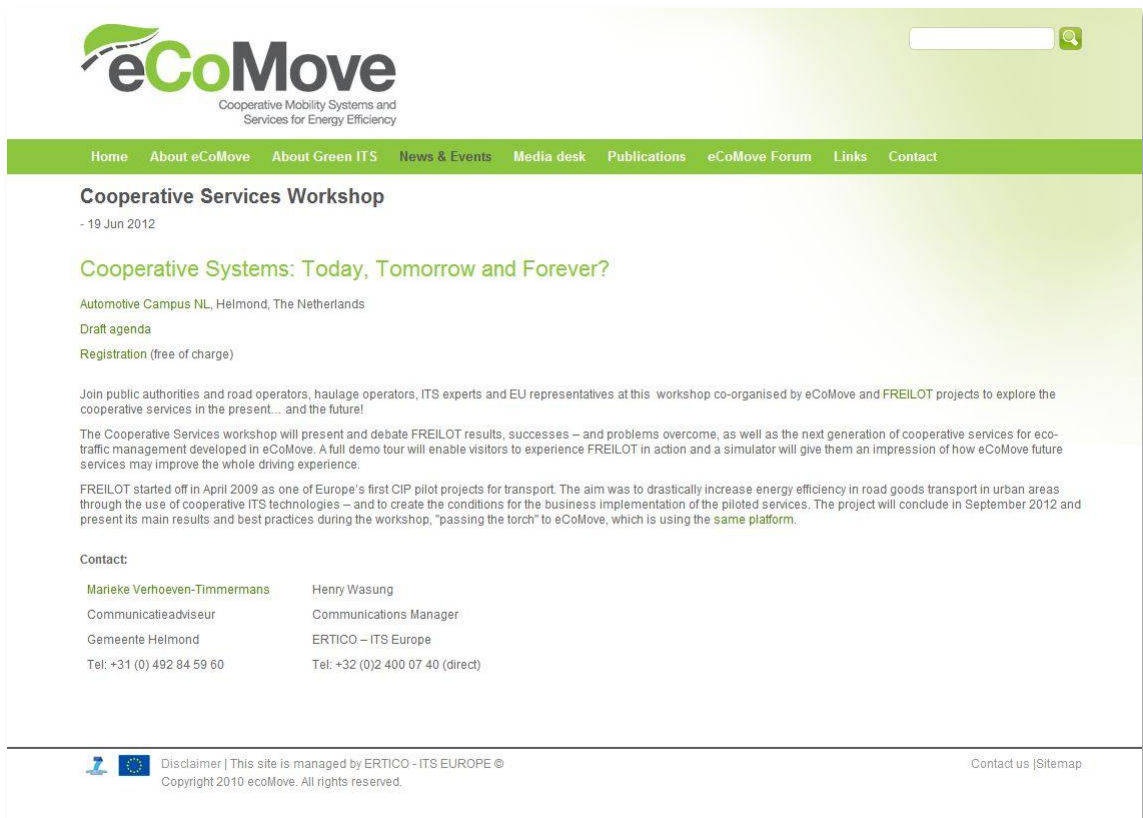


Figure 5. eCoMove project website

➤ [POLIS network](#)

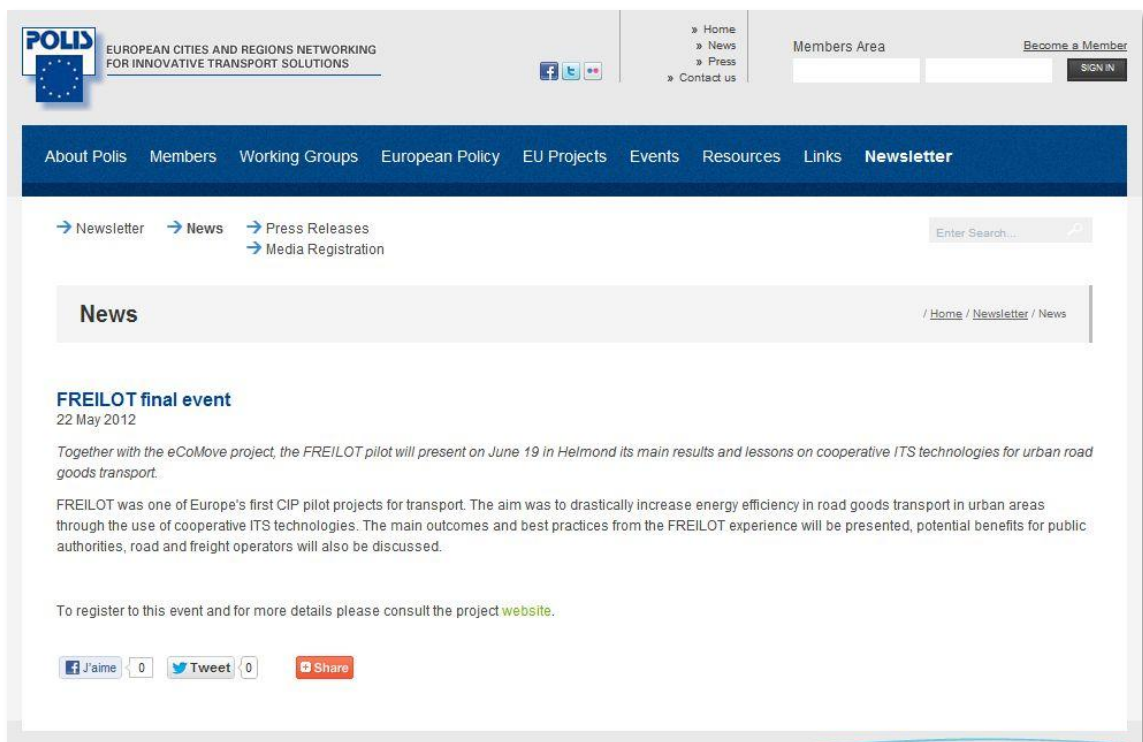


Figure 6. POLIS network website

➤ High Tech Automotive Campus



Figure 7. High Tech Automotive Campus website

- A **banner** was created and included in the emails sent by ERTICO staff involved in the FREILOT and eCoMove projects.



Figure 8. Banner

- **Invitations** have been sent by email, a.o. through the ERTICO i-Mobility Network.



Figure 9. Invitations to the workshop

4. Participation

REGISTRATIONS FREILOT FINAL EVENT - HELMOND, NL - 19 JUNE 2012			
First Name	Last Name	Organisation	Email
Bojan	Sobocan	AND Automotive Navigation Data	bojan.sobocan@and.com
Arjan	Spigt	AND Automotive Navigation Data	arjan.spigt@and.com
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Francois	Fischer	ERTICO	f.fischer@mail.ertico.com
Lise	Goudeseune	ERTICO	l.goudeseune@mail.ertico.com
Zeljko	Jeftic	ERTICO	z.jeftic@mail.ertico.com
Henry	Wasung	ERTICO	h.wasung@mail.ertico.com
Martin	Wiecker	Ford	mwiecker@ford.com
Irantzu	Bores	GERTEK	i.bores@gerteksa.com
Gert	Blom	Helmond	g.blom@helmond.nl
Joost	Janssen	Helmond Firebrigade	JoostJanssen@vrboz.nl
Daan	de cloe	Inroads	cloe@inroads.nl
Jan Willem	van der Wiel	INROADS	wiel@inroads.nl
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Bram	van Luipen	KPVV	bram.vanluipen@kpvv.nl
Jesus	Gonzales	LET Lyon	jesus.gonzales-feliu@let.ish-lyon.cnrs.fr
Wim	Broeders	MAPtm	Wim.Broeders@MAPtm.nl
Christian	Dowideit	MAT Traffic	christian.dowideit@mat-traffic.de
Paul	Mathias	MAT Traffic	paul.mathias@mat-traffic.de
Ronald	Jorna	Mobycon	r.jorna@mobycon.nl
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Aad	Wilmink	RWS	aad.wilmink@rws.nl
Bart	Driessen	TNO	bart.driessen@tno.nl
Frank	Hagemeier	TNO	frank.hagemeier@tno.nl
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Maria	Tevell	VOLVO	Maria.Tevell@volvo.com

Table 1. List of registered people

5. Conference and demonstrations

Pictures have been taken during the presentations and discussions and later in the afternoon during the demonstration tour.



Figure 10. Audience at the workshop



Figure 11. Speakers at the panel discussion



Figure 12. Driving Simulator



Figure 13. View from Fire Truck during the demonstration tour

6. Media coverage


Hereafter is a list of news articles which are a direct results of this third open workshop. All the items listed can be found on the FREILOT website under the section [Media Room](#):

- **Articles**

- 20 Jun 2012: [First commercial operation of cooperative service in Helmond](#) (ENG) – Source: eCoMove project website
- 20 Jun 2012: [Freilot leidt tot besparing diesel](#) (NL) – Source: EVO Connect
- 20 Jun 2012: [Helmond gaat door met innovatief verkeerssysteem FREILOT](#) (NL) – Source: Peel-Nieuws
- 20 Jun 2012: [Helmond geeft groen licht voor slim verkeerssysteem](#) (NL) – Source: Omroep Brabant
- 20 Jun 2012: [Helmond loopt voorop!!](#) (NL) – Source: Helmond Nieuws
- 21 Jun 2012: [Freilot to go commercial in Helmond](#) (ENG) – Source: ITS International
- 21 Jun 2012: [Helmond reduceert CO2-uitstoot via stoplichten](#) (NL) – Source: Logistiek.nl
- 21 Jun 2012: [Helmond to continue operation of cooperative mobility service on a commercial basis – a first for Europe](#) (ENG) – Source: Traffic Technology Today
- 22 Jun 2012: [Helmond gaat door met innovatief verkeerssysteem FREILOT](#) (NL) – Source: AutomotiveNL
- 22 Jun 2012: [Peek kan door met FREILOT](#) (NL) – Source: Verkeersnet.nl
- 29 Jun 2012: [Positieve resultaten FREILOT](#) (NL) – Source: AutomotiveNL

Below follows a copy of all above mentioned articles.

20 Jun 2012: [First commercial operation of cooperative service in Helmond \(ENG\)](#) – Source: eCoMove project website



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[<< Back to news listing](#)

First commercial operation of cooperative service in Helmond



- 20 Jun 2012

At the FREILOT final workshop "The Cooperative Services: Today, Tomorrow and Forever?", held in Helmond, the Netherlands, on 19 June 2012, the city authorities announced their intention to continue the operation of the cooperative mobility services piloted in the EU co-funded project.

Gert Blom, Strategic Adviser Mobility of City of Helmond, said, "After seeing the results of the FREILOT pilot, we are convinced of the clear benefits of cooperative mobility services. We are especially pleased that the Helmond fire brigade successfully joined the pilot project in 2011, providing another reason for Helmond to continue with the FREILOT solution even after the end of this project". Willem Hartman, Managing Director at Imtech/Peek Netherlands, stated in December 2011 that the work from FREILOT and eCoMove has contributed strongly to the commercialisation of the cooperative services.

The workshop, which was jointly organised with eCoMove, gathered around 40 stakeholders interested in cooperative traffic management solutions. The workshop was clearly orientated to the practical aspects of deployment. FREILOT presented their final results and lessons learnt while eCoMove presented the next-generation cooperative traffic management solution. Finally a demonstration tour was organised through Helmond with FREILOT-equipped vehicles. The day closed with a discussion between the audience and a panel of experts representative of both projects stakeholders.

Zeljko Jelic, Senior Project Manager at ERTICO and FREILOT Project Coordinator said, "Not only has FREILOT shown the benefits of cooperative mobility services in a real environment, leading to a 13% reduction in fuel consumption and CO₂ emissions but it has also successfully overcome all deployment barriers towards a successful and viable project after-life."

[<< Back to news listing](#)

20 Jun 2012: [Freilot leidt tot besparing diesel \(NL\)](#) – Source: EVO Connect



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[Home](#) > [Nieuws](#) > [Freilot leidt tot besparing diesel](#)

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Freilot leidt tot besparing diesel

20-06-2012 Betere doorstroming van verkeer door gebruik van verkeerssysteem Freilot leidt tot 13 procent minder brandstofgebruik en daarmee tot 13 procent minder CO₂-uitstoot. Dit blijkt uit de evaluatie van het Freilot-project in Helmond.

Groen
Met verkeerssysteem Freilot beïnvloeden vrachtauto's de verkeerslichten waardoor het licht eerder op groen springt. Dat betekent minder remmen en optrekken en betere doorstroming. Het gevolg is minder brandstofgebruik en minder hinder voor omwonenden.

Proef
Het systeem heeft de afgelopen twee jaar proefgedraaid in enkele Europese steden, waaronder Helmond. De testfase is nu voorbij en de Europese bijdrage stopt. Helmond is zo tevreden met het systeem dat de gemeente ermee door gaat, aldus verkeersadviseur Blom van de gemeente.

Verkopen
Aan het project in Helmond hebben Peek Traffic en Van den Broek Logistics deelgenomen. Peek Traffic verzorgt de technische kanten van het systeem. Peek Traffic gaat het systeem verder verkopen aan andere geïnteresseerde steden en regio's.

0

 Tweeten

Share

0

 Vind ik leuk

5

 Connect

Reageer op dit bericht

Heeft u een vraag of opmerking over dit bericht? Maak dan gebruik van het onderstaande reactieformulier. (Velden met een * zijn verplicht)

EVO-lid* Ja Nee

Bedrijfsnaam*

Naam*

Telefoon*



20 Jun 2012: [Helmond gaat door met innovatief verkeerssysteem FREILOT \(NL\)](#) – Source: Peel-Nieuws

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Een logische keuze!

Helmond - Holland **24 uren palletdistributie in de Benelux**

[Regio nieuws](#) [Politieberichten Z.O.B.](#) [Wat Waar Wanneer](#) [Sport](#) [Columns](#) [Gemeente Helmond TV](#) [Home](#)

U bent hier: [Home](#) > [Helmond](#) > [Helmond gaat door met innovatief verkeerssysteem FREILOT.](#)

Helmond gaat door met innovatief verkeerssysteem FREILOT.

Gepubliceerd door Redactie Peel-Nieuws



Helmond heeft als eerste stad in Europa besloten ook na de pilotfase door te gaan met het FREILOT project. Dit heeft gemeente Helmond aangekondigd tijdens de workshop "Cooperative Services: Today, Tomorrow and Forever?", gehouden op de AutomotiveCampusNL in Helmond op 19 juni 2012.

FREILOT heeft tot doel de verkeersdoorstroming in de stad te verbeteren en hiermee het brandstofverbruik en de uitstoot van schadelijke stoffen te verlagen. Het resultaat van de pilot, die bijna 2 jaar heeft geduurd, is dat 13% brandstof wordt bespaard.

FREILOT maakt gebruik van apparaten langs de wegkant en in voertuigen die onderling met elkaar communiceren. Het project is medegefinancierd door de Europese Commissie. Ook de Europese steden Lyon, Bilbao en Krakow hebben aan de pilot deelgenomen.

Op basis van de positieve resultaten van de pilot, zijn de betrokken partners (de brandweer, de gemeente, Van den Broek logistics en Imtech/Peek) in gesprek om het systeem verder te optimaliseren. Deze gesprekken markeren de eindfase van het FREILOT-project, en een begin voor de commerciële exploitatie van coöperatieve mobiliteitsdiensten in Europa. De coöperatieve diensten worden in het dagelijks leven

- [Home](#)
- [Helmond](#)
- [Someren](#)
- [Asten / Lierop](#)
- [Gemert Bakel](#)
- [Geldrop Mierlo](#)
- [Deurne](#)
- [Overig nieuws](#)
- [Extra Nieuws](#)
- [Politieberichten Z.O.B.](#)
- [Sport](#)
- [Gemeente Helmond TV](#)

Wat Waar Wanneer

- Start inschrijvingen Zomermarkt Speeltuyn St. Leonardus
- Lambertus Kerkconcert 19 augustus
- opening 50 jarig jubileum KVV met Fever of Life!
- Hobbymarkt 7 oktober in gemeenschapshuis Groenewoud Weert
- Orgelconcert 22 juli
- Zomerexpositie "s Zomers 3" in 'de ruimte' in Geldrop
- De Mierlose Kersenloop op zaterdag 1 september 2012
- Poppentheater Kris Kras in Speeltuyn St. Leonardus
- Kasteellaan concert op zondag
- Kasteelbelevissen 2012
- Festival Klassiek 2012
- Samen un bakske doen

20 Jun 2012: [Helmond geeft groen licht voor slim verkeerssysteem](#) (NL) – Source: Omroep Brabant



OMROEP BRABANT

nu: 21.7° | morgen: 22° | 14 km | vluchtinformatie

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NIEUWS SPORT EVENEMENTEN TELEVISIE RADIO

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WEST MIDDEN NOORDOOST ZUIDOOST ECONOMIE SHOW ANP FOTO VIDEO TELETEKST ARCHIEF



Helmond geeft groen licht voor slim verkeerssysteem

Publicatie: dinsdag 19 juni 2012 - 16:06 | Auteur: [Saskia van Heyster](#)



Groen licht voor Freilot

HELMOND - Vrachtwagens en brandweer krijgen groen licht van de gemeente Helmond. De stad deed een jaar lang tests met het Freilot-systeem, waarbij vrachtwagens en brandweerauto's sneller groen licht krijgen bij verkeerslichten. Het systeem zou tijdswinst, een lager brandstofverbruik en minder milieuvervuiling opleveren.

Freilot lijkt op het systeem dat bussen ook gebruiken. Die krijgen groen licht zodat ze door kunnen rijden bij stoplichten. In Helmond hebben transportbedrijf Van den Broek Logistics en de brandweer het systeem getest. Beide zeggen dat ze sneller op de plek van bestemming zijn en aantoonbaar 13 procent minder brandstof verbruiken, wat ook zorgt voor 13 procent minder CO2-uitstoot.

Veiliger
Volgens de brandweer is het systeem ook veiliger, omdat automobilisten nu geen rare manoeuvres meer hoeven te maken als de brandweer met loeiende sirenes en zwaailichten aan komt rijden.

De gemeente zegt blij te zijn met het systeem en zal het verder door gaan voeren. Via een aantal Europese organisaties hopen ze ook andere steden en transportbedrijven enthousiast te maken voor het Freilot-systeem.

 Printen

Trefwoorden: [freilot](#), [verkeer](#), [vrachtwagens](#), [milieu](#), [verkeerslichten](#), [helmond](#)

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FREILOT - ENERGY EFFICIENT URBAN FREIGHT

20 Jun 2012: [Helmond loopt voorop!!](#) (NL) – Source: Helmond Nieuws

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NIEUWS UIT HELMOND

Helmond loopt voorop!!



Helmond heeft als eerste stad in Europa besloten ook na de pilotfase door te gaan met het FREILOT project. Dit heeft gemeente Helmond aangekondigd tijdens de workshop "Cooperative Services: Today, Tomorrow and Forever?", gehouden op de AutomotiveCampusNL in Helmond op 19 juni 2012.

FREILOT heeft tot doel de verkeersdoorstroming in de stad te verbeteren en hiermee het brandstofverbruik en de uitstoot van schadelijke stoffen te verlagen. Het resultaat van de pilot, die bijna 2 jaar heeft geduurd, is dat 13% brandstof wordt bespaard.

FREILOT maakt gebruik van apparaten langs de wegwand en in voertuigen die onderling met elkaar communiceren. Het project is medegefinancierd door de Europese Commissie. Ook de Europese steden Lyon, Bilbao en Krakow hebben aan de pilot deelgenomen.

Op basis van de positieve resultaten van de pilot, zijn de betrokken partners (de brandweer, de gemeente, Van den Broek logistics en Imtech/Peek) in gesprek om het systeem verder te optimaliseren. Deze gesprekken markeren de eindfase van het FREILOT-project, en een begin voor de commerciële exploitatie van coöperatieve mobiliteitsdiensten in Europa. De coöperatieve diensten worden in het dagelijks leven gebruikt door belanghebbenden zoals hulpdiensten en transporteurs.

Gert Blom, strategische adviseur mobiliteit van de gemeente Helmond: "Na het zien van de resultaten van FREILOT, zijn wij overtuigd van de voordelen van coöperatieve mobiliteitsdiensten. We zijn ook ergverheugd over het nut van het systeem voor de brandweer. Een reden te meer om door te gaan met de FREILOT services."

Joost Janssen, beleidsmedewerker brandweer Helmond: "FREILOT helpt ons sneller en veiliger te komen waar wij moeten zijn. Wij willen graag blijven werken aan FREILOT, om met de andere belanghebbenden dit systeem te optimaliseren ten gunste van de maatschappij."

Ook úw advertentie HIER?

21 Jun 2012: [Freilot to go commercial in Helmond](#) (ENG) – Source: ITS International


The screenshot shows the ITS International website interface. At the top, there is a navigation menu with links for Home, News, Products, Features, Event News, Diary, Register, and About Us. A search bar is located in the top right corner. Below the navigation, the breadcrumb trail reads: Home / Sections / General / News / Freilot to go commercial in Helmond. The main content area features the article title "Freilot to go commercial in Helmond" with a sub-header "21 June 2012". The article text describes the decision by the Netherlands city of Helmond to continue the cooperative mobility services pilot. It mentions partners like the Helmond Fire Brigade, the Municipality, Van den Broek Logistics, and Intech/Peek. A quote from Zeljko Jeftic, Freilot Project Coordinator, is included. To the left of the article is a "Sections" sidebar with categories like Comment/Interview, Cost Benefit Analysis, NAFTA, Transmart, Associations, Events, and General. To the right is a "Related News..." sidebar with items such as "Embracing the wider connected car environment key to fulfilling the ITS vision" and "Another 10,000 security cameras to be deployed across Bangkok". At the bottom of the article content is a "Page Comments" section with an "Add a comment" button. A "ITS TODAY" logo is visible in the bottom left of the article area.



21 Jun 2012: [Helmond reduceert CO2-uitstoot via stoplichten \(NL\)](#) – Source: Logistiek.nl



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Uit onderzoek van de gemeente Helmond, een logistiek dienstverlener en de brandweer blijkt dat als trucks groen licht krijgen bij verkeerslichten, dit een betere doorstroming van het verkeer tot gevolg heeft. Aan deze weinig verrassende conclusie zijn dankzij het Freilot-project nu ook resultaten gehangen: zowel brandweer als de logistiek dienstverlener zeggen 13 procent minder CO2 uit te stoten.



De 13 procent CO2-reductie komt overeen met eenzelfde besparing op brandstofkosten én een tijdwinst. Voor de gemeente Helmond zijn de resultaten voldoende reden om door te gaan met het project. De gemeente hoopt bovendien dat andere steden en transportondernemingen enthousiast worden om het Freilot-systeem in te voeren. Dit systeem is het resultaat van een Europees project dat tot doel heeft om het energieverbruik en daarmee de CO2-uitstoot van vrachtverkeer in stedelijke gebieden aanzienlijk te verminderen. In Helmond deed uit praktische overwegingen naast Van den Broek Logistics ook de brandweer mee aan de gebruikerskant.

2.000 trucks per dag

Om het energieverbruik daadwerkelijk terug te dringen, is gebruik gemaakt van apparaten langs de weg en in de vrachtauto's die met elkaar communiceren. Het testtraject in Helmond werd op de N270, de Kasteel-Traverse, Europaweg en Deurneseweg ingesteld. Dagelijks rijden over dit traject 30.000 voertuigen, waarvan

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FREILOT - ENERGY EFFICIENT URBAN FREIGHT

21 Jun 2012: [Helmond to continue operation of cooperative mobility service on a commercial basis – a first for Europe](#) (ENG) – Source: Traffic Technology Today

The screenshot shows the homepage of Traffic Technology Today.com. At the top, there is a banner with a traffic jam image and the site's logo. Below the banner is a search bar and a navigation menu with categories like NEWS, MAGAZINES, VISION ZERO, FEATURES, SUPPLIER SPOTLIGHT, RECRUITMENT, OPINION, and EVENTS. The main content area features a 'NEWS >>' section with a featured article titled 'Helmond to continue operation of cooperative mobility service on a commercial basis – a first for Europe'. To the right, there is a 'TODAY'S OTHER NEWS >>' section listing several other news items with their dates and times. The article text discusses the continuation of the FREILOT project in Helmond, Netherlands, highlighting its benefits and the involvement of local stakeholders.

NEWS >>

Helmond to continue operation of cooperative mobility service on a commercial basis – a first for Europe

The city of Helmond, the Netherlands has decided to continue the cooperative mobility services piloted in the successful European Union co-funded project, FREILOT. Based on the positive results of the pilot, the partners involved (the Helmond Fire Brigade, the Municipality, Van den Broek Logistics and Imtech/Peek) are in talks to work out the details of a commercial agreement. These talks mark the end phase of FREILOT, and a beginning for the commercial operation of cooperative mobility services in Europe, where cooperative services are used in daily life by key stakeholders, such as city authorities, the fire brigade and fleet operators.

Announced at "The Cooperative Services: Today, Tomorrow and Forever?" workshop, held in Helmond, 19 June 2012, the talks between the Municipality of Helmond and Imtech/Peek show that the benefits derived from the FREILOT service – energy efficiency, increased safety, increased delivery reliability – are real and significant.

Gert Blom, strategic adviser mobility of the City of Helmond, said: "After seeing the results of the FREILOT pilot, we are convinced of the clear benefits of cooperative mobility services. We are especially pleased that the Helmond fire brigade successfully joined the pilot project in 2011, providing another reason for Helmond to continue with the FREILOT solution even after the end of this project".

The Cooperative Services: Today, Tomorrow and Forever? workshop was jointly organised by FREILOT and eCoMove, an EU co-funded research project, based on the same technology, taking eco-mobility services to the next level.

21 June 2012

TODAY'S OTHER NEWS >>

- 03 Aug 2012 12:40 **USDOT upgrades Connected Vehicle Test Bed**
- 03 Aug 2012 12:39 **Q-Free gets increased congestion charge contract**
- 03 Aug 2012 12:36 **Michigan plans multi-agency operations center**
- 03 Aug 2012 12:34 **NYMTC seeks input for transportation plan**
- 02 Aug 2012 13:45 **Transurban and Fluor to build Virginia express lanes**
- 02 Aug 2012 13:44 **MDOT survey to assess autonomous vehicles**

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22 Jun 2012: Helmond gaat door met innovatief verkeerssysteem FREILOT (NL) – Source: AutomotiveNL

The screenshot shows the AutomotiveNL website interface. At the top right, there are flags for the Netherlands and the United Kingdom. A horizontal navigation bar contains the following categories: CAMPUS, INNOVATIE, ONDERWIJS EN ARBEIDSMARKT, MANUFACTURING, and INTERNATIONAAL / ACQUISITIE. Below this is a large banner image of a futuristic car with the AutomotiveNL logo and a list of services: Business development, Onderzoek, Onderwijs, Technologische versnelling, Applicatieversnelling, Internationalisatie en Acquisitie, and Shared Facilities.

The main content area features a news article titled "Helmond gaat door met innovatief verkeerssysteem FREILOT". The article is dated "Gepubliceerd op vrijdag 22 juni 2012 09:18". The text describes the project's goals, pilot results (13% fuel savings), and the involvement of the European Commission and various European cities. A "Workshop" section mentions a workshop on "Cooperative Services: Today, Tomorrow and Forever?" organized by FREILOT and eCoMove.

The left sidebar includes a navigation menu with options like HOME, NIEUWS, EVENEMENTEN, OVER ONS, LEDEN, NIEUWSBRIEF, MEDIA & PERS, VACATURES, and CONTACT. Below this is a "HTACAMPUS TWEETS" section and a "AUTOMOTIVENL IN DE MEDIA" section with a link to a government report.

On the right side, there are several smaller images and sections: "DATABASES" with a truck image, "COMPANIES" with a car image, "TEST FACILITIES" with a car on a test track, and "EDUCATION" with a person at a computer.

22 Jun 2012: [Peek kan door met FREILOT \(NL\)](#) – Source: Verkeersnet.nl

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Peek kan door met FREILOT

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Helmond heeft besloten ook na de pilotfase door te gaan met het FREILOT project. Op basis van de positieve resultaten van de pilot, zijn de betrokken partners (de brandweer, de gemeente, Van den Broek logistics en Imtech/Peek) in gesprek om het systeem verder te optimaliseren.

Freilot berust op techniek in verkeerslichten die vrachtwagens herkent met een "freilot-systeem", waardoor deze groen licht krijgt en er een beter doorstroming ontstaat. De techniek wordt ook door de brandweer gebruikt om sneller ter plaatse te zijn. Het systeem in de vrachtauto adviseert de chauffeur verder over de snelheid en geeft aan wanneer hij moet op- of terugschakelen om zo energiezuinig te rijden. FREILOT helpt zo de verkeersdoorstroming in de stad te verbeteren en hiermee het brandstofverbruik en de uitstoot van schadelijke stoffen te verlagen. Het resultaat van de pilot, die bijna 2 jaar heeft geduurd, is dat 13% brandstof wordt bespaard, aldus Helmond. Het project is medegefinancierd door de Europese Commissie. Ook de Europese steden Lyon, Bilbao en Krakow hebben aan de pilot deelgenomen.

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- UKs first modern electric trolleybus system gets the green light [↗](#)
- East West Rail gets final go ahead and electrification UK [↗](#)

29 Jun 2012: Positieve resultaten FREILOT (NL) – Source: AutomotiveNL

The screenshot shows the AutomotiveNL website interface. At the top, there is a navigation bar with categories: CAMPUS, INNOVATIE, ONDERWIJS EN ARBEIDSMARKT, MANUFACTURING, and INTERNATIONAAL / ACQUISITIE. Below this is a main banner featuring a futuristic car and a list of services: Business development, Onderzoek, Onderwijs, Technologische versnelling, Applicatieversnelling, Internationalisatie en Acquisitie, and Shared Facilities. A sidebar on the left contains navigation links such as HOME, NIEUWS, EVENEMENTEN, OVERONS, LEDEN, NIEUWSBRIEF, MEDIA & PERS, VACATURES, and CONTACT. The main content area displays a news article titled 'Positieve resultaten FREILOT' published on Friday, June 29, 2012, at 11:18. The article reports that a pilot project has saved 13% in fuel. A right-hand sidebar contains sections for DATABASES, COMPANIES, TEST FACILITIES, and EDUCATION. At the bottom left, there is a section for 'AUTOMOTIVENL IN DE MEDIA' with a link to a report on the opening of the FREILOT pilot.