

---

Information on: [Department of Transport and Regional Economics](#) / [Research Centre Freight and Passenger Transport – Steunpunt Goederen- en Personenvervoer](#)

---

Dear Ms,  
Dear Sir,

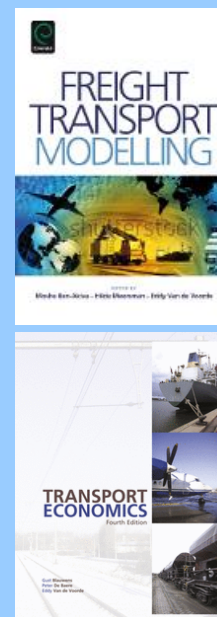
From the [Department of Transport and Regional Economics](#) of the University of Antwerp, following **new book publications** are available:

- Hilde Meersman and Eddy Van de Voorde, together with Moshe Ben Akiva, edited a new book on **Freight Transport Modelling**. The book provides a significantly extended version of Recent Developments in Transport Modelling - Lessons for the Freight Sector (2008). It addresses the need to develop new freight transport models and scientific tools to counter internal and external economic impacts, and delivers theoretical and empirical input on three levels: global, regional and local (urban). The book also presents insightful contributions from respected international experts in transport economics and freight modeling. Full information and online purchasing are available through the [book's web page](#).
- The new and fifth edition of the **Handbook on 'Transport Economics'** by Gust Blauwens and Eddy Van de Voorde, together with Peter De Baere, is now available for purchase. The book contains updated applications of industrial-economic transport management techniques, aggregate demand and supply analysis and transport policy foundations and measures. More information on content and online purchasing are available through the [book's web page](#).

Other Department book publications can be found [online](#).

The Department had following **articles and reports** published by its members:

- Eddy Van de Voorde, together with Antonio Musso and Cristiana Piccioni, had an article published in Transport Policy, 25(2), pp. 198-209, on '[Italian seaports' competition policies: facts and figures](#)'
- The Belgian Journal of Geography, BELGEO, got transformed into an open access journal. Thomas Vanoutrive had a paper published in this journal on '[Scale and the workplace as level of analysis in transport geography](#)' (<http://belgeo.revues.org/6229>). Ties Vanthillo and Ann Verhetsel also had a



paper published in the same issue, on '[Paradigm change in regional policy: towards smart specialisation? Lessons from Flanders \(Belgium\)](#)'.

- Tom Pauwels, Christa Sys, Eddy Van de Voorde and Thierry Vanelslander, together with Kate Verslype, had a report finished on [recommendations for a rail freight strategy for the Ghent Port Company](#), as part of the framework agreement with the port. Starting from a detailed evaluation of the current rail freight transport in the Port of Ghent (SWOT-analysis), it was possible to formulate strategic recommendations. Focus is on attracting new flows as well as on shifts between transport modes (preferably between road and rail). On the basis of this report, the Ghent Port Company will set up an action plan for rail freight transport. This report is confidential, but academic spin-offs will become available.



For other **publications** by Department members, please check the Department's [academic bibliography](#). For an overview of the research projects currently going on at the Department, and for upcoming deliverables, please have a look at the Department's [research project pages](#).

Following **lectures and conference presentations** have recently been given by Department members:

- On 12 April 2013: '[Silent urban logistics for off-peak deliveries](#)' by Roel Gevaers and Christa Sys, at WCTR SIG 9 Workshop urban freight research: from demonstration to practice, Gothenburg
- On 11 April 2013: '[Kennisplatform Goederenvervoer 2012](#)' by Christa Sys at Flemish Airport Commission, Brussels
- On 11 April 2013: '[Port and logistics innovation Enhancing competitiveness and sustainability](#)' by Thierry Vanelslander, and '[Link between ship size and operation](#)' by Christa Sys, at TPR meeting Istituto sui Trasporti e la Logistica, Antwerp
- On 28 March 2013: '[Link between ship size and operation](#)' by Christa Sys, '[Port hinterland competitiveness: analysis of a road/rail and inland navigation expansion project](#)' by Thierry Vanelslander at the joint Applied Economics business seminar with WU Wien and Deutschen Verkehrswissenschaftlichen Gesellschaft, Hochschullehrerbunds Mecklenburg-Vorpommern in Antwerp
- On 26 March 2013: Tom Pauwels was day chair and gave the introduction at the



**Vlaamse Luchthavencommissie**  
sterk door overleg



Organization of Traffic Managers seminar 'Security in Pole Position - Tijd en geld besparen bij het verschepen van uw goederen?' in Groot-Bijgaarden

- On 26 March 2013: 'Strategy for capacity optimization for the integrated development of ports in a region/cluster' by Department PhD fellow Prakash Gaur at University of Antwerp

- On 22 March 2013: 'Impact of 18,000 TEU vessels on Intra-European Networks' by Christa Sys at Master of Global Supply Chain Management, Antwerp Management School

- On 19 March 2013: Thierry Vanelslander was Chair of the session on 'Policies and Strategy', Chair of the Industry Day session on 'Transport and other 'Economic / Physical Infrastructure' PPP development', and presenter of the AWG2 work at COST Action TU1001 on Public Private Partnerships in Transport: Trends and Theory Conference, University of Lancashire, Preston

- On 19 March 2013: 'The Role of Integrators in Air Cargo' by Evy Onghena at Master of Global Supply Chain Management, Antwerp Management School

- On 18 March 2013: 'Air Cargo Economics' by Franziska Kupfer at Master of Global Supply Chain Management, Antwerp Management School

- On 13 March 2013: Thierry Vanelslander actively participated to the European FP7 e-Freight project Advisory Committee meeting, Brussels

- On 7 March 2013: Roel Gevaers presented on 'Efficiëntie in afvallogistiek: haalbaar of illusie? Efficiëntiekenmerken van afvallogistiek' on an interactive debate evening about waste logistics in cooperation with the Flanders Institute for Logistics (VIL) – [view pictures](#)

- On 5 March 2013: 'Port service supply chains in Italy: preliminary research findings' by Department PhD fellow Marcella De Martino at University of Antwerp

- On 28 February 2013: Thomas Vanoutrive participated in a panel discussion on the Flemish Spatial Policy Plan during the midterm event 'Ruimte' (Space). This event was organised within the framework of the Inter-Policy Research Centre Transition Platform (INTRAP).

- On 26 February 2013: 'Venstertijden' by Christa Sys, at Flanders Logistics event 'Samen werken aan slimme stedelijke distributie', Bruges

- On 22 February 2013: Thomas Vanoutrive participated in the workshop 'Government / Governance in transition(s)' hosted by the Policy Research Centre SBOV (Governmental Organisation - Decisive Governance) and TRADO (Transitions for Sustainable Development). He gave a presentation on 'Current trends in transport policy making' and participated in the discussion.

- On 20 February 2013, 'The Impact of 18,000 TEU Vessels on Intra European



*Networks*' by keynote speaker Christa Sys at Coastlink Conference 2013, hosted by the Port of Zeebruges.

- On 23 January 2013: Thierry Vanelslander and Christa Sys participated the meeting of the Scientific Council of TK'Blue Agency, Paris
- On 15 January 2013: '*A System's Approach to Innovation Success: Steps in adopting E-vehicles in City Logistics*' by Athena Roumboutsos, Seraphim Kapros and Thierry Vanelslander, poster presented at Transportation Research Board Annual Meeting 2013, Washington

Further details on the conferences where members contributed are available on the [Department's website](#). Requests for copies of the various presentations should be addressed to the organizers, as publishers of the respective proceedings.

Department members have given a series of **press interviews** during the latest months. Full details, and related textual, audio and video material is available through [the Department's media page](#).

The Department contributes to the **Interdisciplinary summer school CityLab** - 'Naar een duurzame Grootstad'. The school is a five-day interactive learning module that deals with urban sociology, social and economic geography, transport and urban economics, ecology, urban planning, governance science and urban history. View [leaflet](#) for more information and registration.

The Department on behalf of the University of Antwerp contributed to the series '**Behind the Science**' of **National Geographic**, for the session on 'Eco-Economics'. The trailer of the session can be found [here](#). The full broadcasting can be viewed in Belgium and The Netherlands on National Geographic on Thursday 18 March 2013 at 8.30pm. The session with the key elements of the freight transport research conducted at the Department.

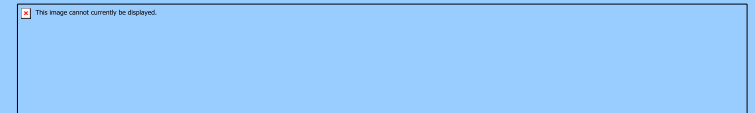
Coastlink



The first tangible results of the European FP7 **RETROFIT project** are available after eighteen months of work. In the past months, simulation tools have been developed for a first techno-economic assessment of retrofitting "worthiness", to which the Department contributed together with TransportNET partner TUDelft. For voyage simulation, project partners MARIN and TNO completed and tested similar models. These tools together allow assessing the "worthiness" of a candidate ship can for retrofitting and evaluate the benefits of various green technologies identified. The RETROFIT case ship provided by partner ACCIONA was modeled (ship hull, propulsion plant etc., partners MARIN, TNO) and the modeling results were validated by extensive full scale measurements (VICUS). The recent news on the project is available [online](#). A flyer of the project can be found through the [project website](#).



On February, 27th, the EDUCAIR Advisory Board Meeting and consortium meeting took place in Brussels. After intensive work, the first results of the European FP7 **EDUCAIR project**, specifically concerning the surveys, were discussed. EDUCAIR is an EU FP7 project aiming to improve the match between human resources needs and educational offer in air transport and aeronautics, to which the Department contributes. The purpose of the surveys is twofold: a) to discover potential mismatches between current higher-educational offer and needs of the industry, and b) to uncover the attraction and repulsion factors to studying and working in the air transport and aeronautics sector. The target audience of this survey are companies and employees in the sector, as well as universities and graduates of universities and colleges with engineering programs involving air transport/ aeronautics. As conclusions of the discussions on 27th February further analysis and validation of the surveys are made. Furthermore, the current and future employment demand of the sector will be estimated. The surveys can be found [here](#).





On 2, 9 and 16 March 2013, Ann Verhetsel and Thomas Vanoutrive co-hosted and gave lectures in the **crash course urban and regional planning**, in co-operation with the Department of Design Sciences (Stedenbouw), with about 180 participants. View [program](#), [pictures](#) as well as the [recorded course sessions](#).



Eddy Van de Voorde (together with Prof. Hans Hopman, TUDelft / TransportNET) was supervisor of **Robert Hekkenberg**, who successfully **defended his PhD** on 'Inland Ships for Efficient Transport Chains', on 25 January 2013 at Delft University of Technology



Eddy Van de Voorde was also a **Member of the Ph.D. Examination Commission of Jan Jaap Nieuwenhuis**, about his work on 'Evaluating the appropriateness of product platforms for Engineered-To-Order ships', 19 March 2013, TU Delft, The Netherlands

The Department hosted following **guest presenters** in the past three months:

- On 15 April 2013: Martin Schröder (Martinair) on 'Het opstarten en managen van een luchtvaartmaatschappij'
- On 27 March 2013: Graham Clarke (University of Leeds) on 'Retail planning: location, trends and future' with 300 participants – [view pictures](#) and [recorded presentation session](#)
- On 25 March 2013: Seraphim Kapros (University of the Aegean / TransportNET)



- on 'Feasibility and economic viability of a new maritime transport line serving the Euro-Mediterranean commerce (method and case-study application)'
- On 15 March 2013: Rudi de Meyer (Alfaport) on 'Rol van havens voor transport, handel en productie'
  - On 5 March 2013: Steven Quintijn (Jan De Nul) on 'Baggertechnologieën'
  - On 4 March 2013: Chris Coeck (Port of Antwerp) on 'Het belang en de rol van een zeehaven'
  - On 28 February 2013: Inge Mayeres and Laurent Franckx (VITO) on 'the ATLAS-model: Assessing Transport and Land use Scenarios'
  - On 26 February 2013: Filip Merckx (PSA Antwerp) on 'Container Terminal Management'



Under the heading "University meets universities", on 28 March 2013, the Department hosted professors and students of **the WU Wirtschaftsuniversität Wien and the Deutschen Verkehrswissenschaftlichen Gesellschaft**, Hochschullehrerbunds Mecklenburg-Vorpommern, Wismar for a joint business seminar. The seminar consisted of four guest lectures. From the WU Wien side, following lectures were held:

- Hans-Joachim Schramm (WU Wirtschaftsuniversität Wien) & Sönke Reise (Deutschen Verkehrswissenschaftlichen Gesellschaft, Hochschullehrerbunds Mecklenburg-Vorpommern) "The Landside Bottleneck of Automated Container Yard Operations"
- Hans-Joachim Schramm (WU Wirtschaftsuniversität Wien) "Pricing behavior of liner shipping companies on the Far-East trade lane before and after abolishment of the liner shipping conferences"



During the seminar Maritime Technology, Department students made following **company and city excursions:**

- On 13 March 2013: Euroports
- On 26 March 2013: Zuidnatie – [view picture](#)

On 20 March 2013, students of the courses 'Economic Geography' and 'Real estate and Location' paid a visit to London, under supervision of Ann Verhetsel – [view picture](#)



On 27 February 2013, Department alumna Isabelle Verhoeven received the **VEA award** for her Master thesis on 'Concurrentiestrategieën bij logistieke dienstverleners', under promotorship of Eddy Van de Voorde. View a picture of the

event [here](#).



The [Research Centre on Freight and passenger flows](#) published The Research Centre furthermore also released **three new policy papers**. The reports are available in Dutch, but English spin-offs are to be found in the Research Centre's [publication section](#).

The first policy-supporting paper that was released, is written by Franziska Kupfer, Katrien De Langhe, Sérgio Domingues, Christa Sys, Eddy Van de Voorde and Thierry Vanelslander and is titled '**The competitiveness of the air transport sector: insights into labour costs, pilot education and the VAT regulation for the organized travel sector**'. This policy paper studies some issues regarding the competitive power of the air transport sector. More specifically, the paper consists of the analysis of the problems concerning labour costs, the pilot training and the VAT-regulation in the travel sector. These three issues, which might affect the competitive position of the Belgian air transport sector, are described and potential solutions are listed. In order to do so, a literature review was made and some interviews with privileged stakeholders were held. The scope of this policy paper is narrowed down to the Belgian air transport sector. The paper is available [here](#).

Het [Steunpunt Goederen- en Personenvervoer](#) publiceerde Het verder **drie nieuwe beleidspapers** vrij. De rapporten zijn beschikbaar in Nederlands, maar Engelstalige spin-offs zijn te vinden in de [publicatie](#) het Steunpunt.

De eerste vrijgegeven beleidsondersteunende paper was van Franziska Kupfer, Katrien De Langhe, Sérgio Domingues, Christa Sys, Eddy Van de Voorde en Thierry Vanelslander, over '**De concurrentiekracht van de luchtvaartsector: inzichten inzake loonkosten, pilotenopleiding en btw-regime op de georganiseerde reissector**'. Deze drie beleidsondersteunende paper wordt stilgestaan bij enkele aandachtspunten die betrekking tot de concurrentiekracht van de luchtvaartsector. Deze drie vormen de loonkostenproblematiek, de pilotenopleidingen en de concurrentiepositie van de Belgische luchtvaartsector kunnen worden achtereenafgehandeld en mogelijke oplossingen worden besproken. Hiertoe werden literatuuronderzoek en interviews met bevoorrechte stakeholders uitgevoerd. Deze beleidsondersteunende paper focust dus op de luchtvaartsector. De paper is [hier](#) beschikbaar.





The second policy paper that was released '**Economic effects and costs of a temporary shutdown of an airport**', is written by Katrien De Langhe, Els Struyf, Christa Sys, Eddy Van de Voorde and Thierry Vanelslander. This policy paper analyses the different effects and costs of a (temporary) shutdown of an airport on all stakeholders, on short and long term. The geographical scope is narrowed down to the Flemish and national airports. Jointly, the impact of hurricane Sandy on these airports is illustrated by use of a tool with which airports and airlines can quantify the (monetary) effects of a shutdown. The policy paper can be downloaded [here](#).

De tweede vrijgegeven beleidsondersteunende paper '**Economic effects and costs of a temporary shutdown of an airport**' is van de hand van Katrien De Langhe, Els Struyf, Christa Sys, Eddy Van de Voorde en Thierry Vanelslander. Deze beleidsondersteunende paper analyseert de verschillende effecten en kosten van een (tijdelijke) sluiting van een luchthaven op alle stakeholders, op korte en lange termijn. Het geografische onderzoekdomein beperkt zich tot Vlaamse en nationale luchthavens. Daarnaast wordt de impact van de storm Sandy op de Vlaamse en Brusselse luchthavens toegelicht aan de hand van een tool waarmee de effecten van een sluiting van een luchthaven op de Vlaamse en Brusselse luchthavens en luchtvaartmaatschappijen omgezet kan worden in kwantificeerbare effecten. Het rapport kan [hier](#) worden gedownload.



The Policy Research Centre Mobilo developed a Flemish **Knowledge Platform** in its physical (paper) form for the first time. The document gives an overview of the research, both scientifically as in the practice field, which in recent years has been conducted and the main results arising from it off. The focus is both on the period from 2008 and on which the research results already available. This list is not exhaustive, but seeks the widest possible overview of the state of science and practice, through publications and the results of all kinds of research in the field of freight transport and logistics. Based on the survey can be deduced that the main trends in the ongoing or conducted research and offering possibilities for further research or implementation are. The text is structured around eight themes, which are further subdivided into sub-themes: (1) Economic impact of transport, (2) International trade and supply chain modeling, (3) Seaports, (4) Mode choice, (5) Inland navigation (6) Airports (7) Country and logistics (8) New trends in logistics. The document can be consulted [here](#).

Het Steunpunt MOBILO publiceerde de eerste versie van een **Ken** zijn fysieke (papier) vorm. Het document geeft overzicht van zowel wetenschappelijk als in het praktijkveld, dat in de voorb gevoerd en de belangrijkste resultaten die hieruit voortvloeien, a enerzijds op de periode vanaf 2008 en anderzijds op het onderz resultaten beschikbaar zijn. Dit overzicht is niet exhaustief, maar p ruim mogelijk overzicht te geven van de stand van de wetenschap via publicaties en de resultaten van allerhande onderzoek in h goederenvervoer en logistiek. Op basis van het overzicht kan a welke de belangrijkste trends zijn in het lopende of uitgevoerde waar zich mogelijkheden voor verder onderzoek of implementati tekst is opgebouwd rond 8 thema's, die verder opgedeeld zijn in s Economische impact van transport, (2) Internationale goederenstroommodellering, (3) Zeehavens, (4) Moduskeuze, (5 (6) Luchthavens, (7) Landlogistiek en (8) Nieuwe logistieke trends kan [hier](#) geraadpleegd worden.



On 7 March 2013, the Policy Research Centre Mobilo on commodity and passenger flows organised in cooperation with the Flanders Institute for Logistics (VIL) an **interactive debate evening about waste logistics**. Under the slogan "University meets business", the event displayed a successful interaction between academic research and business topics. The fruitful evening was structured along three presentations of experts in the field of waste logistics, followed by a panel discussion. The presentations gave the audience first more insight in the core of waste logistics, focusing on academic research, a pilot project and the legislation on waste. Second, 12 statements about waste logistics were propounded to the audience during the panel discussion. Each statement was validated by a true/false vote from the audience and a discussion of the panel of experts. More information (program, press release, presentations, pictures,...) on the evening can be found [here](#).

Op 7 maart 2013 bracht het Steunpunt MOBILO samen met het VIL voor de Logistiek **knelpunten en opportuniteiten van afvallogistiek**. Onder de noemer "University meets business" levert de wisselwerking tussen academisch onderzoek en de industrie nieuwe inzichten op. Naast drie presentaties stonden uiteenzettingen over de karakteristieken van afvallogistiek en de wetgeving m.b.t. afvallogistiek op het programma. Verder werd het eerste gezamenlijke onderzoeksproject "ILSE" voorgesteld. Dit project is een samenwerking tussen het Departement Transport en Ruimtevaart van de Universiteit Antwerpen en het Vlaams Instituut voor de Logistiek. De stellingen over afvallogistiek werden voorgelegd aan het publiek en werden zowel academici, advocaten als mensen uit de bedrijfswereld en de publieke sector. Elke stelling werd gevalideerd met waar/onwaar door de aanwezigen. Verder werd het programma, het persbericht, de presentaties alsook enkele sfeerfoto's van de avond bijzonder succesvolle debatavond.



On 15 March 2013, the Policy Research Centre Mobilo on commodity and passenger flows hosted in cooperation with the Policy Research Centre Transitions for Sustainable Development (TRADO) a **discussion meeting on transition management and mobility** within the framework of the Inter-Policy Research Centre Transition Platform (INTRAP). Researchers from both groups discussed a variety of themes related to the transition of the mobility system towards a more sustainable state.

Op 15 maart 2013 organiseerde het Steunpunt MOBILO samen met het Steunpunt TRADO een **discussienamiddag over transitie management en mobiliteit** binnen het kader van INTRAP (inter-steunpunten transitieplatform). Onderzoekers en promotoren van beide steunpunten discussieerden samen na over een verscheidenheid aan thema's betreffende de transitie van het mobiliteitssysteem naar een meer duurzame toestand.



On 26th February 2013, Roel Gevaers and Christa Sys, both of the Policy Research Centre MOBILO were actively involved in the organization of an **interactive seminar "Together for a smart urban distribution"** on Tuesday, February 26, 2013 in Bruges and in the publication of the "Guide for the efficient and sustainable urban distribution in Flanders". Christa Sys presented the problem of [time windows](#). Roel Gevaers was actively involved in the workshop "Oxygen for urban distribution". [More info](#).

Het Steunpunt MOBILO was betrokken bij de organisatie van een **studiedag 'Samen werken aan slimme stedelijke distributie'** op dinsdag 26 februari 2013 in Brugge en bij de publicatie van de 'Wegwijzer voor efficiënte en duurzame stedelijke distributie in Vlaanderen'. Christa Sys presenteerde stil bij de problematiek van [venstertijden](#). Roel Gevaers was actief betrokken bij de workshop "Zuurstof voor stedelijke distributie". [Meer info](#).



Department of Transport and Regional Economics  
Faculty of Applied Economics  
University of Antwerp  
CST  
Prinsstraat 13  
B-2000 Antwerpen  
Belgium  
T: -32-3-265 40 44  
F: -32-3-265 43 95  
<http://www.ua.ac.be/tpr>



DISCLAIMER:

---

This e-mail and any attachments thereto may contain information which is confidential and/or protected by intellectual property rights and are intended for the sole use of the recipient(s) named above. Any use of the information contained herein (including, but not limited to, total or partial reproduction, communication or distribution in any form) by persons other than the designated recipient(s) is prohibited. If you have received this e-mail in error, please notify the sender by replying to this e-mail with the message 'REMOVE'. Thank you for your co-operation.