Information on: <u>Department of Transport and Regional Economics</u> / <u>Center for Maritime and Air Transport Management (C-MAT)</u> / <u>Research Centre Freight and Passenger Transport – Steunpunt Goederen- en Personenvervoer (MOBILO)</u>

Dear Madam, Dear Sir,



The <u>Department of Transport and Regional Economics</u> (TPR) of the University of Antwerp since summer 2015 had following **journal and book publications** issued by its members:

- Carbonara Nunzia, Domingues Sérgio, Gunnigan Louis, Pantelias Aristeidis, Pellegrino Roberta, Vanelslander Thierry.- Improving PPP decision-making processes: a decision support framework, <u>Public</u> <u>private partnerships in transport : trends and theory</u> / Roumboutsos, Athena [edit.] - ISBN 978-1-138-89816-5 - Abingdon, Routledge, 2016, p. 99-119
- Vanelslander Thierry, Farrell Sheila.- Main challenges in PPP for port development, <u>Public private partnerships in transport: trends and theory</u> / Roumboutsos, Athena [edit.] - ISBN 978-1-138-89816-5 -Abingdon, Routledge, 2016, p. 173-200
- Zijlstra Toon, Vanoutrive Thomas, Verhetsel Ann. <u>A meta-analysis of</u> <u>the effectiveness of park-and-ride facilities</u>, European journal of transport and infrastructure research (2015), p. 597-612
- Pani Claudia, Vanelslander Thierry, Fancello Gianfranco, Cannas Massimo.- <u>Prediction of late/early arrivals in container terminals : a</u> <u>qualitative approach</u>, European journal of transport and infrastructure research - ISSN 1567-7141 - 15:4(2015), p. 536-550
- Doomernik, Jack (2015), <u>Performance and Efficiency of High-speed Rail</u> <u>Systems</u>, Transportation Research Procedia, 8, 136-144
- Meersman, Hilde, Pettersen-Strandenes, Siri and Van de Voorde, Eddy.



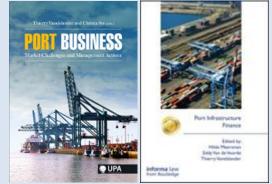
Port Pricing. In Nash, Chris (ed.) <u>Handbook of Research Methods and</u> <u>Applications in Transport Economics and Policy</u>, Edward Elgar

- Vanoutrive Thomas. <u>Vlot veilig betaalbaar leefbaar : over transitie,</u> <u>transport en de rol van de overheid</u>, Vlaams tijdschrift voor overheidsmanagement (2015), p. 35-44
- Vanoutrive Thomas, Martens Karel. <u>Basisbereikbaarheid in 5 stellingen</u>, Ruimte : vakblad van de Vlaamse Vereniging voor Ruimte en Planning
- Troch, Frank. <u>Opportunities and threats for intermodal rail freight</u> <u>transport and hinterland connections in Belgium : capacity questions</u>, European Transport Regulation Observer (2015), p. 9
- De Martino Marcella, Carbone Valentina, Morvillo Antonio, 2015, <u>Value</u> <u>creation in Port: opening the boundaries to the market</u>, Maritime Policy & Management, 36:7, Special Issue: WCTR 2013 - Ship, port and hinterland transport performance: new approaches and perspectives, pp. 682-698
- De Martino Marcella, 2015, "L'innovazione collaborativa nei porti: aspetti metodologici ed alcune evidenze empiriche", Economia e Diritto del Terziario, Volume 1, pp 595 – 616. Franco Angeli Editore, ISSN 1593-9464



TPR also has following **books** on offer:

- Thierry Vanelslander and Christa Sys edited a book on '<u>Port Business:</u> <u>Market Challenges and Management Actions</u>'. This publication deals with the question how the previously formulated recommendations can concretely be implemented.
- Hilde Meersman, Eddy Van de Voorde, Thierry Vanelslander edited a book on <u>Port Infrastructure Finance</u>. This book provides an expert analysis of alternative investments routes and the investment strategies available to the major port players.
- Shun Chen, Hilde Meersman, Eddy Van de Voorde and Koos Frouws had a book published on <u>Modelling and Forecasting in Dry Bulk Shipping</u>. This book models price behaviour and forecasts prices in the dry bulk shipping market, a major component of the world shipping industry.
- Christa Sys had a book published on '<u>Laden en lossen in de</u> <u>Binnenvaart: onderhandeling, regelgeving of gebruik</u>?' This publication (in Dutch) deals with cost calculations of laytime on



demurrage and the economics beyond regulation. The theoretical aspect is illustrated with numerous examples of adopted practice.

For other book publications from TPR, please visit the <u>book publication web</u> page.

For other publications by TPR members, please check TPR's <u>academic</u> <u>bibliography</u>. For an overview of the research projects currently going on at TPR, and for upcoming deliverables, please have a look at TPR's <u>research</u> <u>project pages</u>.

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

- On 1-2 October 2015: '<u>The e-commerce parcel delivery market: an urban</u> <u>logistics perspective</u>' by Ivan Cardenas, Wouter Dewulf and Thierry Vanelslander; '<u>Health Care Logistics in an Urban Environment: A Market</u> <u>Typology and Decision Matrix</u>' by Thomas Verlinden, Wouter Dewulf and Eddy Van de Voorde at URBE - URban freight and BEhavior change Conference 2015, Rome

- On 28-30 September 2015: '<u>BRAIN-TRAINS</u> : intermodal rail freight transport and hinterland connections : from a SWOT analysis of the Belgian rail practice to scenario development' by Frank Troch, Thierry Vanelslander, Christa Sys, Sabine Limbourg, Martine Mostert, Christine Tawfik, Sandra Belboom, Angel Merchan, Angélique Léonard, Vidar Stevens and Koen Verhoest; '<u>The e-commerce parcel delivery market: an urban logistics perspective</u>' by Ivan Cardenas, Wouter Dewulf and Thierry Vanelslander; '<u>Competitiveness in Logistics and Transport</u>. Drivers of change in maritime routes and ports' by Diego Artuso, Yari Borbon-Galvez, Janos Ferencz, Menno Langeveld, Christa Sys, Thierry Vanelslander and Barry Zondag at European Transport Conference (ETC) 2015, Frankfurt - On 28 September 2015: <u>'The power of independent entrepreneurship in inland navigation</u>' by Edwin van Hassel at European Skippers' Organisation jubilee congress, Antwerp

- On 25 September 2015: '<u>Competition on Cross-Border High-Speed Rail in</u> <u>Europe</u>' by TPR PhD fellow Jack Doomernik at University of Antwerp









- On 3-7 September 2015: '<u>Network analysis of the buyer-supplier linkages</u> <u>in the logistics sector in Belgium</u>' by Joris Beckers at 19th European Colloquium in Theoretical and Quantitative Geography, Bari

 On 24-26 August 2015: '<u>BRAIN-TRAINS : intermodal rail freight transport</u> and hinterland connections : a SWOT analysis to assess the Belgian rail practice' by Frank Troch, Thierry Vanelslander, Christa Sys, Tom Pauwels, Sabine Limbourg, Martine Mostert, Christine Tawfik, Sandra Belboom, Angel Merchan, Angélique Léonard, Vidar Stevens and Koen Verhoest; '<u>Innovation among seaport operators: a QCA approach for determining</u> <u>success conditions</u>' by Thierry Vanelslander, Christa Sys and Valentin Carlan; '<u>Innovation processes of terminal operators : insights from an</u> <u>empirical analysis</u>' by Michele Acciaro, Claudio Ferrari, Jasmine S.L. Lam, Rosario Macario, Athena Roumboutsos, Christa Sys, Alessio Tei and Thierry Vanelslander; '<u>Scenario-based forecasting of container throughput : a</u> <u>conceptual framework</u>' by Yasmine Rashed, Hilde Meersman, Christa Sys, Eddy Van de Voorde and Thierry Vanelslander at International Association of Maritime Economists (IAME) Annual Conference 2015, Kuala Lumpur - On 4 August 2015: '<u>The potential for new and alternative sources of fuel</u>

and propulsion in maritime transport', and '<u>The impact of the introduction</u> of ECA zones on port competition' by Thierry Vanelslander, Christa Sys and Edwin van Hassel at University of the Aegean STT Camp 'Shipping and Transport Markets and Business Perspectives', Chios

- On 21-22 July 2015: '<u>Ho.Re.Ca Logistics and Medieval Structured Cities:</u> <u>A market analysis and typology</u>' by Thomas Verlinden, Wouter Dewulf and Eddy Van de Voorde at 2nd Interdisciplinary Conference on Production, Logistics and Transport 2015, Dortmund

Further details on the own conferences of TPR are available on the <u>TPR's</u> <u>website</u>. Requests for copies of the various presentations should be addressed to the organizers, as publishers of the respective proceedings.

TPR members have given a series of **press interviews** during the latest months. Full details, and related textual, audio and video material is available through <u>TPR's media page</u>.





Kuala Lumpur 24-26 August 2015



On 14 July 2015, under the heading of Co.Creation, BNP Paribas Fortis and the University of Antwerp gathered some change makers of the maritime supply chain to discuss about co-innovation. The starting point was "A port community without co-creation is a port community without strategy / vision". Co.Creation is a form of collaboration where dialogue and focus on results are key. Within the **BNP Paribas Fortis Chair on Transport**, **Logistics and Ports**, such a dialogue will be organized starting from the results of the (co.innovation) research. The first subject will be about customs. If you would like to contribute to this discussion and/or share some experiences about hindrances related to customs, contact <u>Christa Sys</u>.

With effect of 1 October 2015, the <u>current BNP Paribas Fortis Chair</u> will be prolonged for another two academic years. Through the Chair, the University and the bank want to be able to react quickly and efficiently to new developments in a constantly changing transport and logistics world. Large powers like US and Asian countries will influence the transport sector. The research can provide insight into how the industry is preparing for new economic, environmental and social challenges.

The European Horizon 2020 **BENEFIT 4 TRANSPORT** (Business Models for Enhancing Funding and Enabling Financing of Infrastructure in Transport) project, to which TPR contributes, released its <u>second newsletter</u>. BENEFIT takes an innovative approach by analysing funding schemes within an inter-related system. Funding schemes are successful (or not) depending on the Business Model that generates them. The performance of the Business Model is effected by the implementation and the transport mode context. It is matched successfully (or not) by a financing scheme. Deliverable 3.1, which is now available for download, focuses on a developing a methodological framework for ex post analysis of investment decisions in transport infrastructure. On 15 September 2015, a <u>BENEFIT</u> webinar was held, which was recorded and put online.

The <u>second deliverable</u> of the Belgian BELSPO **BRAIN-TRAINS project** (TRansversal Assessment of Intermodal New Strategies) is now online. BRAIN-TRAINS deals with rail freight intermodality, and the extent to which it can be made successful, under market, society and policy-making challenges, and analyzing how intermodality contributes to answering these challenges. The focus of this second deliverable is, starting from the







SWOT element that were collected in the first deliverable, to conduct a scenario development. Three scenario's for future analysis were constructed, each composed of drivers that either have an operational, aggregate impact, environmental, regulatory or policy-making background.



On 14 September 2014, the first <u>BRAIN-TRAINS workshop</u> was held in Liège. 35 participants joined the presentation of the first-year SWOT and scenario analysis. Subsequently, they engaged themselves into a validation discussion of the scenario drivers.

The Department is proud to announce the program for its next **Air Transport Colloquium** which will take place on Thursday 3 December 2015. As in the previous events, you can expect many interesting contributions from top-level academics as well as industry stakeholders. This year the program includes presentations by experts from academia and the aviation industry on the topic **'It's all about money. Growth**, **cash and profitability in the air transport sector'**. The colloquium concludes with a panel discussion. So, <u>register now</u> for the Air Transport Colloquium 2015!

Thomas Verlinden, Wouter Dewulf and Eddy Van de Voorde won the the **Best Paper Award** of the 2nd Interdisciplinary Conference on Production, Logistics and Transport 2015, with their paper on 'Ho.Re.Ca Logistics and Medieval Structured Cities: A market analysis and typology'.

On 1 September 2015, **Patrick Verhoeven** successfully defended his **PhD** under supervision of Eddy Van de Voorde, on the topic of 'Economic Assessment of Management Reform in European Seaports'. <u>View pictures</u>.

On 20 March 2015, **Axelle Van Laethem** won the **Maritime Award Aline Koninckx** 2015 of the Antwerpse Scheepvaartvereniging (ASV), with her Master thesis on 'Een economische analyse van de hervormingen van het Belgische loodswezen'.

Following **new research collaborators** joined TPR since the summer:

- <u>Osvaldo Navarro</u>, who works on a project for the European Commission, dealing with urban logistics solutions and the provision of





non-binding guidelines.

- <u>Kostas Papoutsis</u>, who works on the Flemish Urban Logistics and Mobility project, more in particular doing research on retail logistics.
- <u>Hannes Van Lier</u>, who works in the same Flemish Urban Logistics and Mobility project, doing research on waste logistics.
- <u>Florent Laroche</u>, who works on the BRAIN-TRAINS project, where he will in particular deal with examining the need for and optimal level of regulation in the rail market.

As part of their wider co-operation agreement, **Chongqing University and University of Antwerp exchanged students**. For the first time, TPR students went from 7 till 19 September 2015 to China for a Summer School. The ten young potentials from the Faculty of Applied Economics were given the opportunity to study the logistics chain in the city Chongqing, the factory of the world/future, with the support of POM Antwerp, the Centre for Maritime and Air Transport Management (C-MAT) and Chongqing University. The students were plunged into an economic and cultural bath. They visited warehousing and logistics companies, and learned about the chemical and automotive sectors. Attention was also paid to the different modes of transport, and urban distribution and the growing importance of e-commerce were well covered in the educational program.

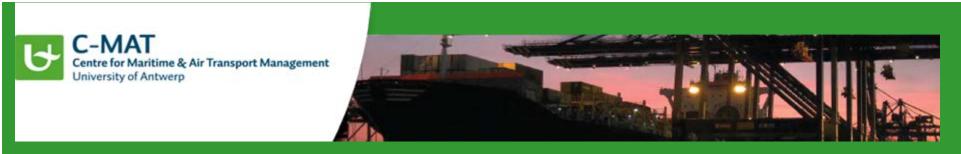
In the aim of promoting quality research among young researchers, the **International Journal of Transport Economics**, where Hilde Meersman and Eddy Van de Voorde are on the editorial board, has introduced, starting from 2015, an annual **competition for young researchers** (maximum 35 years old) in the field of Transport Economics. Papers can be <u>emailed</u> to Professor Enrico Musso by October 31st, 2015. IJTE Instructions to Authors can be found on the journal's website.







INTERNATIONAL JOURNAL OF TRANSPORT ECONOMICS



As of this academic year 2015-2016, the University of Antwerp offers two unique advanced Masters in transport economics: a management-orie Master with specialisations in maritime and air transport economics, and a research training program. Both Master programs will be taught in English will be coordinated by C-MAT, the Centre for Maritime and Air Transport Management. C-MAT is part of the Faculty of Applied Economics and is mana by the Department of Transport and Regional Economics (TPR) of the University of Antwerp. See below a picture of the 2015-2016 group of C-students, on their first visit in the port of Antwerp, hosted by port operators DP World and Euroports.





The Policy Research Centre on commodity and passenger flows (MOBILO) will host a Dutch-speaking closing event on 24 November 2015 from 12.30 to 18h in Antwerp on the topic 'Policy-supporting research: luxury or necessity?' The scientific and policy-supporting output of the past four years will be presented and discussed with academics, policymakers and sector stakeholders. A detailed program is available on the website. Registreren is verplicht. Het Steunpunt Goederen- en personenvervoer (MOBILO) organiseert stakeholders. A detailed program is available on the website. Registreren is verplicht.

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