



## 4<sup>th</sup> International Workshop on Sustainable Road Freight

30<sup>th</sup> November - 1<sup>st</sup> December 2017

Cambridge University Engineering Department, Cambridge, UK

Thursday, 30 <sup>th</sup> November 2017									
Sustainable Road Freight Transport: Linking Research and Practice									
8:30	Registration & Coffee								
9:00	Welcome and Introductions - <b>Maja Piecyk</b> , University of Westminster								
9:15	<i>Roadmaps towards Low Carbon Road Freight Transport:</i> <ul style="list-style-type: none"> <li>• <b>Tim Breemersch</b>, Transport &amp; Mobility Leuven</li> <li>• <b>Carlos Calvo Ambel</b>, Transport &amp; Environment</li> <li>• <b>Jacob Teter</b>, International Energy Agency</li> <li>• <b>Tanya Strevens</b>, World Business Council for Sustainable Development</li> </ul>								
10:30	Coffee								
10:45	<i>Linking Research and Practice: Business Perspective on Progress towards Low Carbon Freight Transport</i> <ul style="list-style-type: none"> <li>• <b>Cécile Bray</b>, Geodis</li> <li>• <b>Andy Eastlake</b>, Low Carbon Vehicle Partnership</li> <li>• <b>Jonathan Chadburn</b>, DHL Supply Chain</li> </ul>								
11:30	Panel Discussion: <i>Ways to Encourage Collaboration Between Academia and Business to Deliver Sustainable Freight Transport Systems</i> Moderator: <b>Alan McKinnon</b> , Kühne Logistics University								
12.30	Lunch & Poster Session								
13:30	Parallel Session 1								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><b>Greening Strategies</b></th> <th style="text-align: center;"><b>Carbon / Energy Productivity</b></th> </tr> </thead> <tbody> <tr> <td>Session Chair: <b>David Cebon</b>, University of Cambridge</td> <td>Session Chair: <b>Sophie Punte</b>, Smart Freight Centre</td> </tr> <tr> <td><i>Designery Ways of Knowing: The Logistical Leaders of Tomorrow Are Creative Today</i> Jan Top</td> <td><i>Carbon Productivity in Global Supply Chains</i> Nico Anten, Herman Wagter, Harsha Dijk , Leon Simons</td> </tr> <tr> <td><i>Introducing Process Management for Greening Transport Companies</i> Peter Cronemyr, Priscilla Navarro, Maria Huge□Brodin</td> <td><i>Carbon Footprinting as Evidence-based Facilitator of Environmentally Friendly Transport and Logistics Solutions</i> Igor Davydenko, Richard Smokers</td> </tr> </tbody> </table>	<b>Greening Strategies</b>	<b>Carbon / Energy Productivity</b>	Session Chair: <b>David Cebon</b> , University of Cambridge	Session Chair: <b>Sophie Punte</b> , Smart Freight Centre	<i>Designery Ways of Knowing: The Logistical Leaders of Tomorrow Are Creative Today</i> Jan Top	<i>Carbon Productivity in Global Supply Chains</i> Nico Anten, Herman Wagter, Harsha Dijk , Leon Simons	<i>Introducing Process Management for Greening Transport Companies</i> Peter Cronemyr, Priscilla Navarro, Maria Huge□Brodin	<i>Carbon Footprinting as Evidence-based Facilitator of Environmentally Friendly Transport and Logistics Solutions</i> Igor Davydenko, Richard Smokers
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	<p><i>Sustainable Road Freight: A Pathway to Profitability</i> Abdool Kamdar</p>	<p><i>Carbon Footprinting of Warehouses and Distribution Centres as Part of Road Freight Transport Chains</i> David Rüdiger, Kerstin Dobers, Verena Ehrler, Alan Lewis</p>
	<p><i>Greening of Transport Logistics Systems in the Swedish Section of the ScanMed Corridor</i> Magnus Swahn, Frans Prenkert</p>	<p><i>A Quantitative Study of Energy Consumption Factors in Three Distribution Channels: E-commerce vs. Conventional Trade</i> Henrik Pålsson</p>
	<p><i>Understanding What Influences Modal Choice - Part A of FALCON - Project</i> Inge Vierth, Samuel Lindgren, Anika Lobig, Tilman Matteis, Gernot Liedtke, Sandra Burgschweiger, Patrick Niérat, Corinne Blanquart, Enide Bogers, Igor Davydenko, Arnaud Burgess, Simon van de Ree</p>	<p><i>Increasing Productivity of Parcel Delivery Operations</i> Julian Allen, Maja Piecyk, Marzena Piotrowska, Tom Cherrett, Fraser McLeod, ThuBa Nguyen, Tolga Bektas, Oliver Bates, Adrian Friday, Sarah Wise</p>
15:10	Coffee	
15:30	Parallel Session 2	
	<p><b>Policy and Logistics Innovations</b> Session Chair: <b>Phil Greening</b>, Heriot-Watt University</p>	<p><b>Technological Innovations</b> Session Chair: <b>Ed Sweeney</b>, Aston University</p>
	<p><i>The Impact of a Self-Regulation Initiative and a Performance-Based Standards Approach on Decarbonisation of Road Freight Transport in South Africa</i> Paul Nordengen</p>	<p><i>Aerodynamics of a Light Truck – Drag Reduction Investigations Using Computational Fluid Dynamics and Full Scale Road Tests</i> Petter Ekman, Erik Alfredsson, Maria Hüge-Brodin, Matts Karlsson</p>
	<p><i>Smart Infrastructure Access Policy: A Way to Go Towards More Efficient Road Transport</i> Karel Kural, Chris de Saxe, Sogol Kharrazi, Thomas Asp, Ben Kraaijenhagen, Joop Pauwelussen,</p>	<p><i>A GPS Data – based Overall Performance Measure for Heavy Trucks</i> José A. Romero, Frank Otremba, Saúl A. Obregón-Biosca</p>
	<p><i>Modelling the True Impacts of Urban Freight Consolidation Models</i> Andrew Traill</p>	<p><i>Designing and Demonstrating a System for Efficient and Sustainable Road Freight Based on Dynamic Power Supply</i> Patrik Akerman, Benjamin Wickert, Michael Lehman</p>
	<p><i>AEOLIX - towards a Digital Eco-system for Information Sharing in European Freight Transport</i> Per Olof Arnäs</p>	<p><i>Using Biomethane in Heavy Trucks</i> Justin Laney</p>
	<p><i>The Role of Heavy Goods Vehicles in the Decarbonisation of the UK Energy System out to 2050</i> Matthew Joss, Chris Thorne</p>	<p><i>An Urban Charging Network for Electrified Road Freight Operations</i> Doros Nicolaidis, David Cebon, John Miles</p>
17.10	Day 1 Close	
19.00	Dinner Clare College Cambridge, <a href="http://www.clare.cam.ac.uk">www.clare.cam.ac.uk</a>	

Friday, 1 <sup>st</sup> December 2017	
<b>Sustainable Road Freight Transport: International Perspectives</b>	
8:00	Coffee
8:30	<i>Sustainable Freight Transport Initiatives and Developments</i> <ul style="list-style-type: none"> <li>• <i>Africa:</i> <b>Jan Havenga</b>, University of Stellenbosch, and <b>Paul Nordengen</b>, Council for Scientific and Industrial Research</li> <li>• <i>Asia:</i> <b>Yongyi Shou</b>, Zhejiang University</li> <li>• <i>Europe:</i> <b>Chris Douglas</b>, Smart Freight Centre</li> <li>• <i>New Zealand:</i> <b>John de Pont</b>, TERNZ Transport Research</li> <li>• <i>North America:</i> <b>John Woodrooffe</b>, University of Michigan</li> <li>• <i>South America:</i> <b>Gordon Wilmsmeier</b>, University de los Andes</li> </ul>
11:00	Coffee & Poster Session
11:15	Panel Discussion: <i>International Perspectives on Sustainable Freight Transport: Knowledge Transfer and Key Factors in Designing Local Solutions</i> Moderator: <b>David Cebon</b> , University of Cambridge
12.15	Interactive Session: Progress to Date and Where Do We Go Next?
13.30	Meeting Close & Networking Lunch

To book a place, please use our [online registration form](#).



The Centre for Sustainable Road Freight (SRF) is a collaboration between Cambridge and Heriot-Watt Universities and a consortium of organizations in the road freight sector: [www.csrf.ac.uk](http://www.csrf.ac.uk)

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