

Eighth Annual

Scottish Transport Applications & Research Conference

Sustainable Transport Innovation for All

Wednesday 16 May 2012

The Lighthouse, Glasgow



The Conference is promoted by
Transport Scotland

In partnership with

- Accent Scotland
- The Chartered Institute of Logistics and Transport
- The Chartered Institution of Highways and Transportation
- The City of Edinburgh Council
- Fife Council
- Glasgow City Council
- HITRANS
- Institution of Civil Engineers
- Renfrewshire Council
- URS/Scott Wilson
- Society of Chief Officers of Transportation in Scotland (SCOTS)
- Strathclyde Partnership for Transport
- Sustainable Glasgow
- Tactran
- Transport Research Institute
- University of Strathclyde
- University of Aberdeen

The Conference is organised by PTRC Education
and Research Services





Introduction

The last seven years have seen the Scottish Transport Applications and Research (STAR) conference successfully held in Glasgow. On these previous occasions STAR has offered the opportunity for transport professionals and academics to attend an affordable and high quality conference. Having been well received these events also confirmed the ongoing need for this type of information sharing.

The aim of STAR 2012 is:

“To disseminate current transport research and practice that is relevant and applicable to the transport agenda within Scotland.”

For Scottish based transport practitioners STAR 2012 provides an excellent opportunity in a cost and time efficient way of furthering professional development.

The demands on Scotland’s transport system continue to change through increased economic pressures, volatile fuel costs and the need to address sustainability. It is therefore extremely important that transport practitioners working in Scotland are kept up to date with the latest transport applications and research, thus addressing their professional development requirements. The challenge facing all transport researchers and practitioners in the private and public sectors is to meet these challenges in a balanced way within the limited resources available and to make viable cases for appropriate transport interventions.

The eighth annual STAR conference offers an opportunity for transport practitioners from all backgrounds to come together to share their knowledge and learn from the experiences of others.

Audience

The conference is aimed at those engaged in all aspects of transport from strategic planning to delivery. It will be of interest to managers, transport practitioners, planners, engineers and researchers (including social scientists) drawn from central and local government, transport operators, consultancies, the transport research centres, other educational institutions and the health sector. It is designed to build on the high quality image and capability of transport expertise and research in Scotland, and particularly to encourage, attract and engage the younger members of the profession. To this end, the conference sessions, whilst of the highest possible quality will also be designed to be relatively informal so as to maximise all delegates’ participation.

Venue

The event will be held at The Lighthouse, 11 Mitchell Lane, Glasgow G1 3NU.

Format

The conference will comprise plenary sessions and parallel themed sessions.

Key Features

The event will focus on results of research, good practice and practical issues of implementation, which are relevant to Scottish transport policy. It will be a chance to learn about new and emerging practice in transport in Scotland in an informal yet informative setting, and an opportunity for participants to help to shape the Scottish transport agenda. A further major benefit of the conference will be the opportunity to network and the timetable will be structured to offer delegates additional opportunities to interact, including a wine reception at the end of the event.

Programme

- 08:30 **Registration and refreshments**
- 09:15 **Civic Welcome from Glasgow City Council**
- 09:25 **Plenary Session**
- Opening Address:**
Keith Brown MSP, Minister for Housing and Transport
- Keynote Presentation: Charging Forward with Electric Vehicles**
Professor Peter Bruce, FRS, University of St Andrews
- Policy Implications of CO² Emissions for Island Ferry Services**
Prof Alfred Baird and Roy Pederson, Transport of Research Institute and Pederson Consulting
- Powering Ahead: How to Put Electric Cars on Scotland's Roads**
Jane Robinson and Dr Sam Gardner, Atkins and WWF Scotland
- 11:00 **Refreshments**
- 11:30 – 13:00 **Parallel Sessions 1**
- Social Marketing
- Making the Invisible Real: Using Social Marketing Techniques to Improve Air Quality in Dundee**
Caley McDowall, JMP Consultants Ltd
- The Sound of the Crowd – How Social Media Can Complement Traditional Information Systems**
Niall Gardiner and Dr Craig Nelson, Tactran and Steer Davies Gleave
- Killer Apps for Transport Delivery – How Networks and Marketing Shape our Transport Systems**
Derek Halden and Martin Fleming, DHC
- Analysis Tools
- Chicago Lakeside – Measures To Achieve A Step-Change**
Bill Smith, WSP UK
- Extracting Added Value from a Strategic Four-stage Model**
David Siddle and Dr Euan Hamilton-Rigg, SKM Colin Buchanan
- Developments in Travel Demand Forecasting in Scotland**
Alison Irvine, Transport Scotland
- Connecting Scotland's Economy
- Applying the Freight Model for Scotland to Develop the SEStran Freight Routeing Strategy using EU Dryports Funding**
Dr Marwan AL-Azzawi and Ian Mathie, URS Infrastructure and Environment UK Ltd and SEStran
- Linking Glasgow and Edinburgh – The Glasgow Edinburgh Collaboration initiative**
Paul Finch, AECOM
- A Crossroads for Glasgow's Rail Services**
Tony Hughes, Glasgow City Council
- Sustaining the Road Network
- Making the Case for Road Maintenance Spend in a Competitive Budget Environment**
Karl Johnston, Chris Parkman and Richard Abell, Transport Scotland and TRL
- Clogging of Filtration SUDS – Implications for Design and Operation of Filter Drains on Scotland's Roads**
Ged Mitchell, BEAR Scotland Ltd
- Climate Change and the Scottish Roads Network: UKCP09 Update on the Projected Changes to Climatic Variables that Affect the Design, Management and Operation of the Road Network**
David Price and Eva Kordomenidi, Jacobs

Healthy Places

Improving the Air Quality in Cupar (Cupar AQMA)

Nick Barron, Fife Council

Measuring the Health Impacts of Scotland's Canals

Stephen Canning, Richard Millar and Karen Moore, MVA Consultancy, British Waterways Scotland and The Waterways Trust Scotland

Exploring the Accessibility and Use of Recreational Physical Activity Facilities in Scotland

Neil S Ferguson, Karen E Lamb, Anne Ellaway and David Ogilvie, University of Strathclyde, Medical Research Council and UKCRC Centre for Diet and Activity Research

13:00

Lunch

14:00 – 15:30

Parallel Sessions 2

Connecting Communities

Demonstrating the Value of Transport for Communities

Derek Halden, Peter Mogridge, John Taylor, John Atkins, Randal Robertson and David Summers, DHC, TAS, HITRANS and Highland Council

Developing Car Clubs in Rural Communities Across Scotland

Matthew Eastwood, Carplus

Adopt a Station

John Yellowlees, First ScotRail

Systems and Quality

Developing a Quality Management Scheme for Improving Accessibility: Implications for Scotland's National Transport Strategy

Catriona O'Dolan and Michael Carreno, Transport Research Institute/Edinburgh Napier University

The M74 Completion – Does It Do What We Said It Would Do?

Alison Irvine and Alan Anderson, Transport Scotland and Glasgow City Council

Not Another Audit! Quality Audit – Benefits

Elaine Barrie, WSP Group

Reducing Transport Emissions

Reducing Glasgow's Carbon Footprint – The Challenges for Transport

Brian Sloey and Neil Sturrock, Jacobs and Strathclyde Partnership for Transport

Persuading Scottish Drivers to Buy Low Emission Cars?: The Potential Role of Green Taxation Measures

Sarah Borthwick and Michael Carreno, Transport Research Institute/Edinburgh Napier University

"Pecha Kucha" Sessions

How to Meet the Government's Carbon Reduction Targets in the Transport Sector

Stuart Knowles, Fife Council

Demand Drivers in the Emerging Market for Low Emission Vehicles in Scotland

Craig Morton, University of Aberdeen

Road Safety

National Debate on Young Drivers' Safety in Scotland

Jane Robinson, Carolyn Mitchell and Steven Fraser, Atkins

Young Driver Safety

Kate Wheaton and Fran Warren, Transport Scotland

"Pecha Kucha" Sessions

Rural Road Safety of Children and Young People in Northern Ireland

Susan Dolan and David McGuigan, Department of the Environment (NI) and SKM Colin Buchanan

Operation Zenith – Reducing Motorcycle Casualties in North East Scotland Using a Multi-Agency Approach

Richie Fraser, AECOM

Information Systems

Integrating Technology into the Transport Business

Mark Cartwright and Ian Mathie, RTIG and SEStran

An Appraisal of Emerging Bluetooth Traffic Survey Technologies

Alasdair Kay and Paul Jackson, SIAS Ltd and Sky High Traffic Surveys

The Use of RFID Technology at Pedestrian Crossings to Assist Disabled Users – Presentation of On-street Trial Results

Colm Smyth and Mark Crabtree, Halcrow Group Ltd and TRL Ltd

15:30 **Refreshments**

16:00 **Second Plenary Session**

Making Budgets go Further – Scotland’s National Road Maintenance Review

Donald Morrison, Ewan Wallace and Donald Bell, Transport Scotland, Aberdeenshire Council and Halcrow Group Ltd

Glasgow 2014 Commonwealth Games – Transport Strategic Plan

George Vincent, Glasgow City Council

16:50 **Closing remarks and presentation of awards, followed by a Civic Reception by kind invitation of Glasgow City Council.**

Awards

Two awards will be presented at the conference.

There will be a prize for the **Best Paper at the Conference.**

In 2011 this was awarded to David Scotney from Edinburgh Napier University for his paper “Does reducing journey times improve the economy – and, if not, what are the Implications for Transport Assessment?”.

A prize will also be awarded to the **Best Paper Presented at the Conference by a Young Professional** aged 30 years or under.

In 2011 this was awarded to Scott Gibson, East Renfrewshire Council for his paper “Three years, sixteen projects, one brand, many lessons”.

Conference Fees

Transport Scotland promotes this event on a not-for-profit basis and in order to attract a strong and representative delegate base, fees have been held at the following competitive rates:

Private Sector Fee	£175 +VAT
Public Sector Fee	£150 +VAT
Speaker Fee	£75 + VAT
Charity Sector Fee	£60 +VAT

Bursaries

There are a limited number of bursaries available at £25 plus VAT aimed at students or voluntary unpaid workers in the transport sector. If you would like to apply please write to Allison Glandfield at CILT (UK), email: allison.glandfield@ciltuk.org.uk setting out your reasons for application. Recipients of bursaries should be prepared to assist with stewarding on the day of the conference, if required by the Programme Committee.

Sponsorship and Exhibition

There are opportunities to sponsor all or parts of the event such as a themed session, leaflets in conference folders etc. In addition, space will be available for exhibition displays at reasonable rates. If you would like a schedule of what is available please contact Allison Glandfield at allison.glandfield@ciltuk.org.uk

Event Organisers

Steering Group

Veronica Allan, Transport Scotland (Chair)
David Anderson, Transport Scotland
Sara Thiam, The Institution of Civil Engineers
Russell Bissland, URS/Scott Wilson
Professor Kevin Cullinane, Transport Research Institute
Donna Easterlow, Transport Scotland
Dr Neil Ferguson, University of Strathclyde
Tony Hughes, Glasgow City Council
Alison Irvine, Transport Scotland
Stuart Knowles, Society of Chief Officers of Transportation in Scotland (SCOTS)
Professor John Nelson, University of Aberdeen
Adam Priestley, City of Edinburgh Council
Ranald Robertson, HITRANS
Neil Sturrock, Strathclyde Partnership for Transport
Derek Walsh, The Chartered Institute of Logistics and Transports (CILT)

The Group is assisted by PTRC, the UK’s leading provider of training and development in the field of transport planning.

Programme Committee

Geoff Duke, Sustainable Glasgow (Chair)
Susan Keenlyside, Fife Council (Deputy Chair)
Graeme Beale, Transport Scotland
John Binning, Strathclyde Partnership for Transport
Claire Carr, Chartered Institution of Highways and Transportation
Kathryn Cooper, Renfrewshire Council
Lynda Haughney, City of Edinburgh Council
Judith MacDonald, Transport Scotland
Miranda Mayes, Accent Scotland
Derek Halden, The Chartered Institute of Logistics and Transports (CILT)
David Scotney, Board Member, Tactran
Kathryn Stewart, Transport Research Institute

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Web site: www.ptrc-training.co.uk
PTRC is a company within CILT(UK)



A company within CILT (UK)



Registration Form (Please complete a separate form for each delegate)

Title _____ Forename _____ Surname _____

Position _____

Organisation _____

Department _____

Address _____

_____ Postcode _____

Telephone _____

Email _____

Please state any special dietary or access requirements _____

Attendance Fees (Please tick as appropriate)

- Private Sector Fee - £175 + 20% VAT (total £210)
- Public Sector Fee - £150 + 20% VAT (total £180)
- Speaker Fee - £75 + 20% VAT (total £90)
- Charity Sector Fee - £60 + 20% VAT (total £72)

Method of Payment

- Credit Card (Mastercard and Visa only)

Card No. _____

Expiry Date _____ CSV Code _____

Cardholder's Name _____

Cardholder's Address _____

_____ Postcode _____

- Invoice

Purchase Order Number _____

Please attach a copy of your purchase order made payable to PTRC

Telephone _____

Email _____

- Cheque enclosed for _____ made payable to PTRC

Signature of Authorisation

I have read and accept the terms and conditions

Signature _____

Name _____

Date _____

Position _____

Terms and Conditions

1 Registration Form

Applications should be made on the official registration form. Photocopies are accepted. One form should be completed for each delegate attending the event. It is important that all sections are completed legibly. Delegates are advised to retain a copy of the registration form for reference before sending.

2 Fees

Fees include attendance at sessions, session notes, lunch and all refreshments unless otherwise indicated.

Fees do not include overnight accommodation, breakfast and evening meals unless stated otherwise.

3 Acknowledgement

Receipt of a registration form will be acknowledged by email. Delegates paying by credit card or cheque will be sent a receipt. For those delegates paying via purchase order an invoice will be sent. Joining instructions, including a map, will be sent to each delegate by email approximately two weeks before the start of the event.

4 Payment

Unless otherwise stated, payment in full must be made at the time of booking. VAT is charged at the current rate of 20%.

5 Cancellation

All cancellations, or alterations to a booking, must be received in writing. To avoid cancellation penalties, substitutes will be accepted at any time, if notified in writing and in advance of the event. Adjustments in fees will be made if there is any change in fee category. Cancellations received in writing up to 14 days before an event will be subject to an administration fee of £75 + VAT or the event delegate fee whichever is the lower. Cancellation within 14 days of the event date or a 'no show', will be liable for the full fee.

6 Disclaimer

Conference details are subject to unforeseen change and PTRC reserves the right to change the content of the programme and the speakers without prior notification. PTRC will not be held liable for any pre-booked travel, accommodation or similar costs incurred under any circumstances.

7 Data Protection

Details will be held on a database in accordance with the 1998 Data Protection Act.

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Event Code: C262