Scottish **T**ransport **A**pplications & **R**esearch **C**onference

Scottish Transport Applications Research

TRANSPORT SCOTLAND CÒMHDHAIL ALBA

Transport innovation for all

Wednesday 21st May 2014

The Lighthouse, 11 Mitchell Lane, Glasgow, G1 3NU

STAR conference sponsors

08:30	Registration and Refreshments: Level 5

09:15 to 11:00   Morning Plenary session, sponsored by AECOM   The Orangebox Gallery, Level 5
Chair: Richard Robinson, Managing Director for Transportation Europe, AECOM

09:15   Civic Welcome from Glasgow City Council
Bailie Allan Stewart

09:25   Opening Address
Keith Brown MSP, Minister for Transport and Veterans

09:40   Keynote Presentation
Professor Andrew McNaughton, Technical Director, HS2 Ltd

10:00   Experimental study of the factors that influence driver frustration on the A9(T)
Paul Murphy and Joanne Casey, AECOM, Neale Kinnear and Shaun Helman, TRL,
and Judith MacDonald, Transport Scotland

10:20   Connect to succeed: the unique role of aviation in Scotland's competitiveness and economic success
Ross Nimmo, Glasgow Airport Limited

10:40   Morning plenary discussion

11:00   Refreshments, Level 4 and Level 5

11:30 to 13:00   Morning Parallel Sessions

Cycling   The Orangebox Gallery, Level 5

Chair: Neil Sturrock, Strathclyde Partnership for Transport

Assessing the health and economic benefits of cycling in Glasgow
Fiona Crawford and Bruce Whyte, the Glasgow Centre for Population Health (GCPH)

Cycle to work scheme – weekend warriors or daily commuters?
Anne Clarke, Arup, Jeremy Shires and James Laird, Institute for Transport Studies, University of Leeds

Evaluating the impact of innovative cycling measures in EU cycling cities
Catriona O'Dolan and Kathryn Stewart, TRI, Edinburgh Napier University, and Reggie Tricker, City of Edinburgh Council

Trends and challenges in transport   The Doocot, Level 5

Chair: Callum Smith, City of Edinburgh Council

Regional stakeholder solutions to empty container repositioning costs in peripheral regions
Jason Monios and Yuhong Wang, TRI, Edinburgh Napier University

The optional dawn horror: explaining the trends in Scottish access to London Heathrow Airport (LHR) in the last ten years
Ross Clark, Transport Scotland

Aberdeen transport trends, then now and the future
Callum Guild, SIAS

Passenger journeys and technology solutions   Gallery 4, Level 4 (foot of the "L")

Chair: Neil Ferguson, University of Strathclyde

Prototype E-paper timetable system
Graeme Scott, Colin Wilson and Gareth Tyler, IBI Group

Experimental and modelled energy demand and regenerative recovery from battery electric vehicles
Ross Milligan, Edinburgh College, Tariq Muneer and Ian Smith, TRI, Edinburgh Napier University

ORIGAMI and COMPASS – seamless passenger journeys in Europe
Helen Condie and Christiane Bielefeldt, TRI, Edinburgh Napier University

The costs of connectivity   Level 3 Conference Suite (left)

Chair: David Scotney, tactran

Does the income elasticity of road traffic depend on the source of income?
Scott Le Vine, Charilaos Latinopoulos, Bingqing (Emily) Zhang and John Polak, Centre for Transport Studies, Imperial College London

Long distance travellers – why we mustn't ignore them
Peter Davidson, Rob Culley, Collins Teye and Helen Porter, Peter Davidson Consultancy, and Stephen Cragg, Transport Scotland

Peak car – is it real and how does it affect traffic forecasting in Scotland?
Stuart Turnbull, Jacobs

Best value   Level 3 Conference Suite (right)

Chair: Mark Beecroft, University of Aberdeen

How can a local authority facilitate the successful implementation of a car club, both for the benefit of residents and the future prosperity of the city?
Alan Simpson, Aberdeen City Council

A study of measurement methods for diesel sorbent performance and the components of user delay associated with diesel spills on the UK strategic road network
John Bullas, Atkins, and Jim Doxford and Paul Hupton, Highways Agency

Streetwise decriminalised parking enforcement (DPE)
John Mitchell and Susan Keenlyside, Fife Council

13:00   Lunch, sponsored by Clearview Traffic Group, and viewing of exhibitor stands   Gallery 4, Level 4

14:00 to 15:30   Afternoon Parallel Sessions

Transport and the economy   The Orangebox Gallery. Level 5

Chair: Alison Irvine, Transport Scotland

Is the equity value of time really fair?
Guoqing Zhang and James Laird, Institute for Transport Studies, University of Leeds

Factors associated with young adults delaying and foregoing driving licences
Scott Le Vine, Charilaos Latinopoulos and John Polak, Centre for Transport Studies, Imperial College London

Travel time predictability
David Siddle, SKM Colin Buchanan

Travel planning   The Doocot, Level 5

Chair: George Fiddes, SCOTS/South Ayrshire Council

A TDM Programme for the Glasgow 2014 Games and beyond – the potential for legacy
Alina Tuerk, Sarah Crane and Damian Price, Mott MacDonald

The part schools can play in sustainable transport education
Gary Cummins, JMP Consultants, and Tony Maric, Perth and Kinross Council

After the downturn: where now for travel plans in Scotland?
Richard Llewellyn, TRI, Edinburgh Napier University, Reggie Tricker, City of Edinburgh Council, and Deborah Paton, AECOM

Stakeholder and public engagement   Gallery 4, Level 4 (foot of the "L")

Chair: Mic Ralph, Glasgow City Council

Can we always build our way out of a problem? A case study
Veronica Allan and Stephen Cragg, Transport Scotland

Can we rest and be thankful yet? Solutions and effective stakeholder engagement for the A83 trunk road route study
Graeme McQuaker and Graeme Herd , Jacobs, and Karl Johnston, Transport Scotland

Bringing Scottish stations back to life: the Stations Community Regeneration Fund
John Yellowlees, ScotRail

Data and evaluation   Level 3 Conference Suite (left)

Chair: John Galilee, Transport Scotland

Application of STRIPE guidance to the AWPR B-T project – setting a benchmark for the pre-construction monitoring strategy
Ravi Grandhi and Chris Hamilton, Jacobs, and Alison Irvine, Transport Scotland

The national traffic data system (NTDS) – the next generation data warehouse for Scotland
David Marshall, Transport Scotland, and Caz Thomson, IBI Group

A898 Erskine Bridge – vehicle barrier replacement works – real-time delay monitoring
Grant Wilson, Sky High Technology Ltd, and Gareth Bower, IBI Group

Environment   Level 3 Conference Suite (right)

Chair: Ranald Robertson, HITRANS

Assessing the carbon impact of ICT measures
Kathryn Stewart, Achille Fonzone and James Cooper, TRI, Edinburgh Napier University

Public bodies duties - a new way of demonstrating compliance and embedding sustainability in your organisation
Alan Hendry, Jacobs, and Jenny Fausset, City of Edinburgh Council

Air quality management - low cost environmental monitoring
Jacqueline Barr, IBI Group, and Drew Hill, Transport Scotland

15:30   Refreshments, Level 4 and Level 5

16:00 to 16:50   Afternoon Plenary, Q & A session   The Orangebox Gallery, Level 5

Chair: Andrew Forster, Editor, Local Transport Today

Panel members:

George Hazel, Director, George Hazel Consultancy

John Lauder, Director, Sustrans Scotland

Superintendent Iain Murray, Head of Roads Policing, Police Scotland

16:50   Closing remarks and presentation of the award for best paper, sponsored by URS,
followed by civic reception by kind invitation of Glasgow City Council

Venue Guide

All sessions will take place on Levels 3, 4 and 5 of the Lighthouse.

The STAR conference registration desk is located on Level 5, at the top of the escalator. Please queue along the window and ensure the queue does not block the top of the escalator.

On arrival, refreshments will be available on Level 5, adjacent to the lifts.

All plenary sessions will be held in the Orangebox Gallery on Level 5, located right next to the registration desk.

Cloakroom space will be available in the far left corner of the Orangebox Gallery (the foot of the "L"). There will be a "one-way system" to access the cloakroom space via the Orangebox Gallery and exit into the Doocot, close to where refreshments will be served. The Cloakroom space will not be accessible when sessions are taking place in these locations.

Morning and afternoon refreshments will be served on both Levels 4 and 5, adjacent to the lifts. You can choose where to have your tea or coffee, avoid a long queue, or ensure you are close to the session you plan to attend next.

Lunch will be served in Gallery 4, on Level 4. Sponsor displays will be set up here.

Parallel sessions will be held in:

➢ The Orangebox Gallery on Level 5 (please sit towards the front, as this room will be set up to accommodate the plenary sessions)
➢ The Doocot on Level 5, located next to the lifts.
➢ Gallery 4 on Level 4 - in the far left corner of the Gallery, in the foot of the "L". Gallery 4 is directly downstairs from the Orangebox Gallery.
➢ The Conference Suite on Level 3 – there are two parallel session rooms here, one to the right and one to the left. The Conference Suite is located next to the lifts on Level 3.

Toilets are located on Level 3 and Level 5, and also on Level 2.

You are welcome to visit the viewing gallery on Level 6 to enjoy the view across Glasgow. Note that, except for emergency exits, the viewing gallery is only accessible by lift.

STAR Conference Steering Group

Veronica Allan, Transport Scotland (Chair)

David Anderson, Transport Scotland

Mark Beecroft, University of Aberdeen

Russell Bissland, URS

Neil Ferguson, University of Strathclyde

George Fiddes, Society of Chief Officers of Transportation in Scotland (SCOTS)

John Galilee, Transport Scotland

Alison Irvine, Transport Scotland

Craig Latto, the Chartered Institute of Logistics and Transport (CILT)

Mic Ralph, Glasgow City Council

Ranald Roberston, Highlands and Islands Transport Partnership (HITRANS)

Callum Smith, City of Edinburgh Council

Neil Sturrock, Strathclyde Partnership for Transport (SPT)

Chris Young, Institution of Civil Engineers (ICE)

STAR Conference Programme Committee

Susan Keenlyside, Fife Council (Chair)

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Judith MacDonald, Transport Scotland

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Paul Ruffles, Sustrans

David Scotney, Board member, Tayside and Central Scotland Transport Partnership (tactran)

Kathryn Stewart, TRI, Edinburgh Napier University

Emma Thomson, Glasgow City Council

STAR Conference organisers

Transport Research Institute (TRI), Edinburgh Napier University