

SEVENTEENTH ANNUAL

Scottish Transport Applications & Research Conference



Scottish
Transport
Applications &
Research

Wednesday 2 November 2022

University of Strathclyde's Technology & Innovation Centre
99 George Street,
Glasgow G1 1RD

TOWARDS A BETTER FUTURE

Programme Registration opens 31 August 2022



Collaborate at **STAR 2022** to shape the future

Introduction to Star Conference 2022

We invite you to share your ideas and knowledge by participating in the STAR 2022 Conference. Join us at Scotland's only fully multi-disciplinary Transport Conference. The conference provides the opportunity for discussion across a range of topic areas including, but by no means limited to:

- ◆ **Public Health & Safety** - Physical health of our nation; impacts of covid; women's safety in public places; air quality; the role of transport in supporting communities during Covid; maintaining interest in active transportation.
- ◆ **Addressing Equity in Transport** - Improving access and services for those from lower incomes, in minority communities and / or with disabilities; cost of living crisis; facilitating sustainable travel in the younger population; exploring relationships between car dependency, accessibility & equity; responding to equity challenges in urban, rural and island areas.
- ◆ **Active Travel** - Accelerating delivery of infrastructure & models for funding/delivery; incorporating accessibility & wheeling into active travel; behaviour change exemplars, innovative design; connecting communities; 20-minute neighbourhoods planning/in action; roadspace allocation considerations in built-up areas.
- ◆ **Public Transport in Scotland** - Development of Bus Partnership schemes; funding challenges; governance & procurement; Responding to changing demand patterns for public transport; the impacts upon rural & island communities.
- ◆ **Land-use & Transport Planning** - National Planning Framework; Development Plans; Statutory Transport Plans; National and regional impacts of STPR2; National Transport Strategy hierarchy; Development management in a new policy context.
- ◆ **Zero Emission Vehicles & Charging** - Research on how the electric & hydrogen market is growing in Scotland; skill & capacity for growth in infrastructure delivery; Roles of commercial sector & partnerships; scope for other accelerating decarbonisation across modes.

Key Features

STAR 2022 will focus on results of research, good practice and practical issues of implementation that are relevant to Scottish transport policy, infrastructure delivery and transport provision.

The Conference will provide an opportunity to learn about new and emerging practice in transport in Scotland in an informal yet informative setting and will allow participants to help shape the Scottish transport agenda.

A further major benefit of the conference will be the opportunity to network and the timetable for the day is structured to offer delegates additional opportunities to interact, including a wine reception at the end of the event.

See the programme opposite for full details of what to expect at STAR 2022.

Audience

STAR offers an opportunity unique in Scotland to exchange knowledge and good practice.

The conference is aimed at everyone engaged in any aspect of transport including policies and strategies, research, strategic planning, development and appraisal, design, implementation and evaluation, maintenance, operations and management of services and projects.

It will therefore be of value to everyone interested in transport issues.

Awards

At the start of the afternoon plenary session, awards will be made for the Best Paper at the conference and for the Best Paper from a Young Professional, sponsored by AECOM.

Venue

The Conference will return to the **University of Strathclyde's Technology & Innovation Centre, 99 George Street, Glasgow, G1 1RD.**

Conference Fees

Transport Scotland promotes the STAR conference on a not-for-profit basis and in order to attract a strong and representative delegate base fees are being held at competitive rates.

- ◆ **Early-bird fee £180 + VAT** available until 4 October 2022
- ◆ **Delegate fee £205 + VAT** for bookings received after 4 October 2022
- ◆ **Speaker fee £90 + VAT**
- ◆ **Community groups and voluntary sector fee £90 + VAT.**

The rate for community groups and the voluntary sector is offered to a limited number of organisations at the discretion of the organisers.

A limited number of places will be made available to allow students to attend for a reduced fee. Please contact the conference organisers for more information.

Sponsorship and Exhibition

There are opportunities to sponsor all or parts of the event, for example plenary sessions, the conference folders, memory sticks, leaflets in the conference folders.

Sponsor packages that include exhibition display stands start at **£650 plus VAT** (including two delegate spaces), while entry-level packages are available from **£335 plus VAT** (including one delegate space).

For more information on sponsorship please contact the conference organisers.

Conference Registration

To register for the STAR conference, please use the booking form available on request or to be downloaded from the STAR website.

Conference registration will open on **31 August 2022**. For all enquiries about the **STAR Conference 2022**, please contact the conference organisers at: enquiries@starconference.org.uk

08:30 - 09:15	REGISTRATION AND REFRESHMENTS
09:15 - 09:25	CIVIC WELCOME FROM GLASGOW CITY COUNCIL
09:25 - 11:00	PLENARY SESSION

OPENING ADDRESS –TBC
KEYNOTE PRESENTATION - TBC

Making active travel relevant to the whole nation: lessons from the second Strategic Transport Projects Review
T Steiner, C McDowall, Jacobs; A Priestley, Transport Scotland

The Levenmouth Reconnected Programme
P Clarke, Fife Council

11:00 - 11:30 REFRESHMENTS AND VIEWING OF EXHIBITION STANDS

11:30 - 13:00 MORNING PARALLEL SESSIONS

BUILDING A STRONGER EVIDENCE BASE

Making use of the new National and Regional Transport Forecasts
S Cragg, Transport Scotland; M Neil, SYSTRA

Building an innovation eco-system to enable smart city and region logistics – drone services use case

J Cowie, Edinburgh Napier University; P Jackson, K Fiskien, South East Scotland Transport Partnership; M Richardson, Ristol Consulting

Is homeworking good for the environment in Scotland?

D Simmonds, Allanfield Consulting

EVIDENCE LED CYCLING INVESTMENT

Overcoming the pitfalls (& potholes) of predicting cycle usage and benefits
C Donaldson, I Burden, SYSTRA

Modelling future cycle behaviour changes: application to transport strategies

B Loreille, N Raha, SYSTRA
Big Data approach to the introduction of secure on-street cycle parking in an urban environment
C Little, Glasgow City Council

SAFE STREETS AND ACTIVE COMMUNITIES

Normalising school streets
H Underwood, Ayrshire Roads Alliance/East Ayrshire Council

Protected junctions and their effect on the attitudes and behaviours of pedestrians and cyclists in Glasgow
B Farrington, J Clarkson, Sustrans

Affordable access to bikes: reuse
J Higham, Cycling Scotland

RURAL & ISLAND CONNECTIVITY

Ready2Go Around Inverurie: an evaluation of an enhanced Demand Responsive Transport service

R Thomas, S Leitham, J Ritchie, Stantec; M McKay, R McKenzie, Aberdeenshire Council

Islands Connectivity Study: Arran and Cumbrae

M Joyce, A Rothnie, R Khakh, L Gilbert, Mott MacDonald

Mobility as a Service – the role it can play in Scotland’s climate journey. Insights from literature and learnings from the Go-HI pilot

K Pangbourne, ITS, University of Leeds; R Basnett, FOD Mobility Group; R Robertson, HITRANS

PEOPLE’S BEHAVIOUR AND NETWORKS

The impact of the absence of centre line road markings on traffic speed within 20 mph and 30 mph speed limits

A Davis, University of the West of England and also Edinburgh Napier University; A Tapp, J Parkin, S Warren, University of the West of England

Making zebra crossings work for disabled people and older people: a research study on views, experiences and potential improvements

C McDowall, J Muir, Jacobs; J Manner, Scottish Collaboration for Public Health Research and Policy (SCPHRP)

Travel demand insights from purchase data

J Fisher, J Uri, Network Rail; N Curran, Scotrail; F Pavlica, S Cragg, Transport Scotland

13:00 - 14:00 LUNCH AND VIEWING OF EXHIBITION STANDS

14:00 - 15:30 AFTERNOON PARALLEL SESSIONS

LEARNING FROM THE DISRUPTIVE EFFECT OF THE PANDEMIC

STPR2 – Stakeholder engagement during a pandemic – lessons learned

A Diansangu, AECOM; K Gowenlock, K Chesney, Jacobs

Analysing the impact of Edinburgh’s temporary cycleways during the Covid-19 pandemic

R McMeddes, City of Edinburgh Council

The impact of Covid-19 on cycling in Scotland
N Montgomery, Cycling Scotland

HEALTH & WELLBEING

Health and transport partnership working in Grampian – a journey
A Stewart, Health & Transport Action Plan Partnership

Children’s 20-minute neighbourhoods
H Musgrove, Sustrans

Glasgow Connecting Communities Programme and 20 minute neighbourhoods

C Benton, Arcadis and Collective Architecture

SYSTEMS THINKING

Evaluating alternative approaches for monitoring scour at flood-critical bridges

E Perugini, E Tubaldi, A Maroni, University of Strathclyde; D Zonta, University of Trento; H McDonald, Transport Scotland

Cycle activated safety signage

J Malone, Glasgow City Council

Analysing the effectiveness of 20mph speed limit and speed distribution based on key spatial and temporal attributes in Scottish Borders Area

A Olowosegun, A Davis, Transport Research Institute, Edinburgh Napier University; G Fountas, Aristotle University of Thessaloniki; P Gilhooly, Scottish Borders Council Area

MAKING SUSTAINABLE TRANSPORT SUSTAINABLE

Regulations, improvements and service delivery models. How partnerships may benefit Scottish bus services

J M Cooper, Tactran; M Neil, SYSTRA Consulting; A Smyth, Transport Analysis & Advocacy

Learning from Amsterdam’s PlusNet – an innovative strategic transport planning methodology for streamlining & integrating active travel & public transport in dense, historic cities

A Calder, Sustrans

Scoping bus governance options in the Glasgow & Strathclyde area

N Birch, SYSTRA; B Kiloh, Strathclyde Partnership for Transport; D Paton, Glasgow City Council

THE JOURNEY TO NET ZERO

The development of Aberdeen’s Low Emission Zone
C Guild, SYSTRA

Decarbonising travel to work - Dundee Green Transport Hub and Spokes

R Mackenzie, J Simmonds, Stantec; J Mullen, Dundee City Council

Business models for net-zero transport
D Halden, DHC Loop Connections

15:30 - 16:00 REFRESHMENTS AND VIEWING OF EXHIBITION STANDS

16:00 - 17:00 PLENARY SESSION

Nestrans 2040 and the Vision for Aberdeen Rapid Transit
K Chalmers, Nestrans

Spaced Out: Developing a Streetspace Allocation Framework for Glasgow
A Kelly, Jacobs; J Geelan, Steer; D Paton, Glasgow City Council

CLOSING REMARKS AND CIVIC RECEPTION BY KIND INVITATION OF GLASGOW CITY COUNCIL



The STAR Conference is supported by Transport Scotland and partners:

AECOM



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TransportPlanningSociety



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Dr Mark Becroft University of Aberdeen

John Binning Strathclyde Partnership for Transport

Russell Bissland AECOM and Institution of Civil Engineers Scotland

David Connolly SYSTRA

Stephen Cragg Transport Scotland

Dr Neil Ferguson University of Strathclyde

Paul Finch Nestrans and SCOTS

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