

SEIG Seminar – A Smarter Way to Lower Emissions

Tues
21

October
2014

10:00 to 16:00



At the state of the art Forth Replacement Crossing Contact and Education Centre and Traffic Scotland Control Centre, South Queensferry, Edinburgh, Scotland, EH30 9SF

The ITS UK Smart Environment Interest Group (SEIG) provides a forum for those practitioners with an interest in transportation and the environment to meet, discuss their views and study the uses of Intelligent Transport Systems (ITS) to benefit the environment.

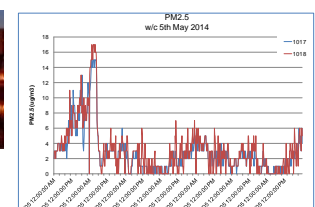
The group facilitates knowledge sharing and seeks to Influence and support Government Policy in this area.

Who should attend: Practitioners from the Transport, Planning, Policy, and Environmental Health Professions.

The Seminar will:

- **Discuss** current progress in decarbonising the UK transport fleet.
- **Present** recent successes in managing traffic related emissions to improve air quality.
- **Reveal** proposals for the future and opportunities for joint working.

Registration is free, but places are limited (100). To reserve a place on the Seminar please email drew.hill@transportscotland.gsi.gov.uk



Agenda

10:00 Registration and tea and coffee

Welcome – SEIG present the day

10:30 **The Challenge Ahead**, an introduction to the day, comment on the status of the UK fleet, and the journey ahead for decarbonisation (Stephen Thomson, Chair for the day)

SESSION 1 – Emissions, where we are now

10:50 **Street Level Monitoring**, how it varies (Dr Stuart Sneddon)

11:10 **Low Cost Monitoring**, collaborating on increasing the coverage, and reducing the cost (Jacqueline Barr)

11:30 Coffee

SESSION 2 – Success, what it looks like

12:00 **Traffic Pollution Impact of an LEZ**, the Newcastle Gateshead Low Emission Zone Feasibility Study, (Dr Paul Goodman)

12:20 **Local Solutions**, managing traffic in Fife (Kenny Bisset).

12:40 **Delivering Sustainable Messages**, media and the message (Peter Cullen)

13:00 **Electric Charging**, the system and communication methods (Michael Foster)

13:20 Lunch

SESSION 3 – The Future, coming soon

14:20 **Engine Technology**, where we are going next we WILL need roads (Speaker to be confirmed)

14:40 **Air Quality Modelling Tools**, the Aberdeen experience (Dr Alan Hills)

15:00 **Future Cities Glasgow**, a communicative city (Dr Richard Bellingham)

15:20 **A Low Emission Strategy for Scotland**, what could it look like (Dr Stephen Thomson)

Summary – A review of the day

15:40 **Key Points from the Day**, what did you hear, what will you do (Stephen Thomson, Chair for the day)

16:00 Close, and thanks

Speakers

Jacqueline Barr, Intelligent Transport Systems, IBI Group, has worked on many ITS projects for a range of clients, including the Scottish Government's Transport Scotland Agency, Ireland's National Roads Authority, Euro-Regional projects EasyWay STREETWISE and CENTRICO, and the Hong Kong Transport Department.

Dr Richard Bellingham, Director for the Institute for Future Cities at the University of Strathclyde, is working with city and businesses to develop low-carbon solutions to make Glasgow one of Europe's most sustainable cities.



Kenny Bisset, Environmental Lead Officer, Fife Council, is delivering the Environmental Strategy of Fife Council.

Peter Cullen, Travel information manager, Transport Scotland, is delivering a travel information service for Scotland across all media and partners.



Michael Foster, Senior Project Manager, Transport Scotland, is shaping the strategy and sponsoring the delivery of Scotland's growing free charge point network "ChargePlace Scotland". He also leads on assessing the opportunities for multi low carbon vehicle refuelling technology facilities for Scotland.

Dr Paul Goodman, Researcher in Transport and the Environment, Newcastle University School of Civil Engineering and Geosciences, working on the environmental appraisal of transport options on the UK EPSRC-funded ReVISIONS project, and the development of a city-wide carbon footprint for Leicester, UK, as part of the SUE 4M project.



Dr Alan Hills, Manager of the OceanMet Unit, SEPA, is developing open access analysis tools using Spotfire and Matlab to allow in depth assessment of air quality data.



Dr Stuart Sneddon, Air and Environment Business Manager, Ricardo-AEA, is project manager for a wide range of air quality and climate change projects including the Scottish Air Quality Database and Website.

Dr Stephen Thomson, Head of Environment and Sustainability, Transport Scotland, is responsible for leading the corporate and operational environment and sustainability programmes across all functions of the organisation.



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