

Welcome to the June 2011 Newsletter for the Land Use and Transport Integration in Scotland (LATIS) service. These newsletters are published on a regular basis, providing an update on LATIS service developments, model applications, and milestones.

This newsletter reviews the milestones and developments in the LATIS Service between January and June 2011.

Technical Developments

Scottish Trip End Program (STEP)

STEP is a software application developed by Transport Scotland to enable the derivation of land use and travel forecasts based on data generated by the National Transport and Land Use Models.

STEP provides a consistent basis for generating data sets covering population, employment, households by car ownership, trip ends and travel growth factors using 'Scotland specific' land use and travel data calibrated to reflect observed conditions across Scotland during the development of the National Models.

STEP has been prepared to assist in transport planning studies. Specific uses of STEP may include; obtaining indicators for predicting changes in transport use over time; indicating changes in modelled trip ends and growth rates; assisting in the development and forecasting procedures of other regional and local transport models; and informing on policy decisions.

STEP can provide outputs based on a selection of user-defined attributes including:

- **Geographic Region** – National Model zones / Local Authorities / SDPA Regions.
- **Years** – currently 2007, 2012, 2017, 2022, 2027 & 2032.
- **Mode of Transport** – Walk, Cycle, Car or PT.
- **Travel Purpose** – currently eight purposes available.
- **Time period** – Morning Peak, Inter Peak, Evening Peak, Off peak & Overnight, Saturday, Sunday, average weekday and average day.
- **Car ownership** – No car available; One adult, one car available; Two or more adults, one car available; and Two or more cars available.



STEP will be available for download from the [LATIS website](#) in June 2011. Following registration on the website, the STEP software and datasets will be made available free of charge.

Alternative Forecasts

The LATIS team are currently preparing a range of alternative forecast year scenarios to understand how changes to underlying economic, land use and demographic assumptions may impact the Scottish transport system. These forecasts will also make use of the recent enhancement to the Park & Ride process contained within TMfS07. Three scenarios are being prepared.

- **Scenario A:** Update to the Do-Minimum scenario to include updated transport intervention specification and to incorporate recent 2009-based economic projections and assumptions. Including updates to the value of time and vehicle operating costs. This scenario demonstrates the impacts associated with current 'best-estimate' economic projections and proposed transport investments.

- **Scenario B:** Based on scenario A, but also incorporates a rise in the assumed cost of fuel over time for cars and light and heavy goods vehicles. This scenario demonstrates the impact of rising fuel costs to overall travel time/costs and the potential change to car and public transport usage and levels of accessibility.
- **Scenario C:** Demonstrate the subsequent travel impacts associated with the delivery of [sub-national population forecasts](#) projected by the General Register Office for Scotland.

User Engagement

LATIS Website

The LATIS website has recently been updated to include three new sections.

The [Regional Modelling area](#) now contains information relating to the Moray Firth Transport Model (MFTM) along with updates to the SEStran Regional Model. Where available, literature and reports are provided in the library.

An [interactive mapping area](#) is also now available that illustrates different model components.

A fourth portal has been added with the launch of [STEP](#).

A [media player](#) has been added to the User Group area.

User Group

The first joint LATIS and Appraisal User Group day was held in February at the Royal Concert Hall in Glasgow. The presentations and audio recordings of the sessions are available to [download and listen to](#).

During the event, we held workshops which discussed the potential future of the LATIS Service and four high level objectives associated with the LATIS service. Summaries of the delegates views are available to [download](#).

Commission Evaluation

Transport Scotland is committed to improving its delivery of its public services. One aspect of this is that Transport Scotland undertakes an evaluation of the services it provides. The [Commission Evaluation](#) report evaluates the LATIS service in accordance with HM Treasury guidance on [Appraisal and Evaluation in Central Government](#).

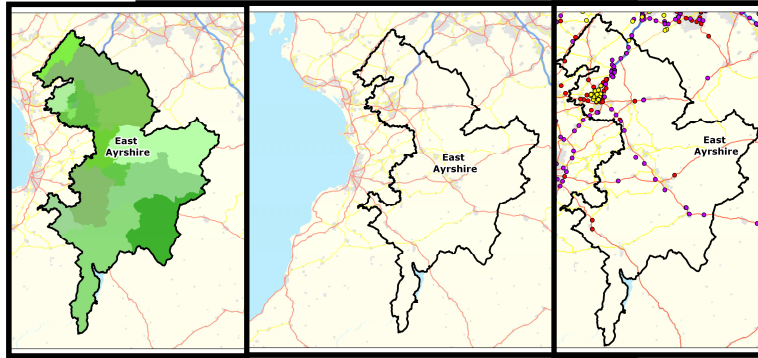
This report looks back over the existing commissions to identify how the service has been able to deliver against its objectives through comparison of what has occurred against various counterfactual scenarios.

The outcomes of this report will feed back into setting the rationale and objectives of the next commission and in particular the optioneering on how best to deliver those when moving forward.

LATIS Applications

East Ayrshire Land-use and Travel Forecasts

The LATIS team prepared a land-use and transport baseline report for East Ayrshire Council. The report uses LATIS outputs to describe how changes in land-use and population over time may affect the road and public transport network. The report examines the potential impacts to traffic volumes, public transport patronage and changes in journey times across the network. In addition, the report illustrates the wide range of traffic data available covering East Ayrshire.



North Ayrshire Travel Forecasts

The LATIS team has prepared a range of traffic forecasts covering North Ayrshire. These travel data indicate how both local and longer distance strategic traffic movements may change over time.

Use of the Service

We would like to remind all of the prospective users that a LATIS User Request Form is required to be submitted for consideration before the service, model and / or data can be released for use. It is also a condition of this process that model users fill in a LATIS User Satisfaction Form upon completion of their application.

Your feedback is important to us, allowing us to better meet your needs in future and to maintain our levels of technical excellence. Both the LATIS User Request Form and LATIS User Satisfaction Form are available on the [LATIS website](#).

If you have any other queries, please do not hesitate to contact the LATIS Support Team at: LATIS@transportscotland.gsi.gov.uk or on 0141 272 7570.