

Welcome to the latest Newsletter for Land-Use and Transport Integration in Scotland (LATIS). These newsletters are published quarterly, providing an update on LATIS service developments, model applications, and milestones. This newsletter covers the period July 2010 – October 2010.

## Technical Developments

### National Model Park and Ride Enhancements

Recent experience in applying the National Model has highlighted a number of enhancements that could be made to the Park and Ride (P&R) process which could improve both the quality and robustness of the outputs and reduce model run times. This work has recently been commenced and an update to the P&R module will be available in January 2011.

The improvements in quality and robustness relate to the improved representation of the modelling of each P&R site as well as the mode choice procedure for P&R within the demand model (ie how many existing car or PT users would choose to use P&R). A site level review of observed and modelled P&R data and model sensitivities will also be undertaken.



## User Engagement

### Annual Report

The 2010 Annual Report is now available on the LATIS website. This years report further improves our approach to valuing LATIS with a focus on **economics** and **efficiency / effectiveness**. We have demonstrated how LATIS offers significant added value when compared against the alternative approach noted by applicants who use the LATIS service.

The report also introduces the latest model developments being supported by the LATIS Commission, with a particular focus on 'regional' models. For example, the report reviews how LATIS is supporting development of the SEStran Regional Model, the Moray Firth Transport Model and the Dumfries and Galloway Regional Model.

### European Transport Conference 2010

The LATIS team presented a paper entitled; "How can we demonstrate the 'value' of transport models" at the prestigious European Transport Conference 2010 . The paper and accompanying presentation are available on the LATIS website.

## LATIS and GIS

Some readers may be familiar with data.gov.uk and other data portal sites which offer georeferenced data which can be viewed within a Geographical Information System (GIS).

Transport Scotland are considering how LATIS could better utilise Geographical Information Systems in the collation, organisation and presentation of observed and modelled data.

If you have any ideas about how LATIS could better employ GIS or GIS could better use the outputs of LATIS, then please write to us at [LATIS@transportscotland.gsi.gov.uk](mailto:LATIS@transportscotland.gsi.gov.uk).

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## Transport Appraisal and Modelling in Scotland (STAG / LATIS) User Group Day

LATIS plays a key role in supporting appraisal which applies Scottish Transport Appraisal Guidance (STAG). This user day will provide attendees with an update regarding developments in STAG, modelling, monitoring and evaluation and early applications of DPMTAG (Development Planning and Management Transport Appraisal Guidance). There will also be a workshop to consider the possible rationale and objectives for a future LATIS Commission (the current Commission ends in August 2011).

This event has been arranged for Monday 7<sup>th</sup> February 2011, at The Royal Concert Hall, Sauchiehall St, Glasgow, G2 3NY. The indicative programme for the day will be as follows:

**10:00am: Registration and refreshments**

**10:30am: Session 1**

- Welcome
- Report on progress / "Business as Usual" since previous User Group meetings (STAG / LATIS)
- Presentation on industry discussion of appraisal and modelling
- Workshops breakout sessions - Setting the rationale and objectives for a future LATIS commission - an opportunity to share your views and inform a future commission

**12:30pm: Lunch**

**1:30pm: Session 2**

- Workshop feedback
- Proposals for evaluation within Transport Scotland [Scottish Trunk Road Infrastructure Project Evaluation ]
- STRIPE / rail scheme evaluation
- Case studies:
  - Transport Appraisal study
  - The appraisal of development plans using LATIS
- Concluding remarks

**3:15 pm: Depart**

## Recent Applications

### TAYplan Strategic Development Plan Appraisal

In the last three months, the LATIS team have worked with TACTRAN and TAYplan to undertake an assessment of alternative spatial development plans for the TAYplan area. While it would be appropriate to assess many aspects of the TAYplan development plan within a regional model, at present, as there is no regional (and more detailed) model which covers the TAYplan area, the National Model was applied to provide strategic results.

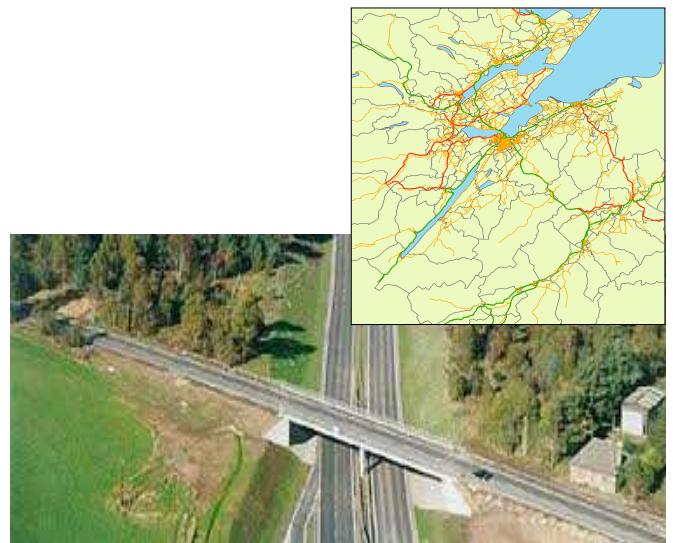
The work comprised an assessment of planning forecast scenarios and their impact on the strategic transport network in the TAYplan area. Several land-use and transport scenarios were compared with each other.

Key performance indicators were used to identify notable differences in accessibility, flow / capacity, emissions, journey times etc.



### A96

LATIS is currently supporting the A96 DMRB Stage 2 Assessment study team. The LATIS team have provided a review of the Moray Firth Transport Model (MFTM) and are to provide future year traffic and travel forecasts which will feed into the A96 study. This process includes representing local development plans within the forecasts and providing the relevant linkages to the national transport model (TMfS:07). It is anticipated that the model will be applied to provide traffic forecasts for scheme identification purposes and will form the basis of the economic appraisal phase.



### 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, [www.latis.org.uk](http://www.latis.org.uk).

**Please note that the email address for submitting applications to the LATIS service has changed recently to [LATIS@transportscotland.gsi.gov.uk](mailto:LATIS@transportscotland.gsi.gov.uk).** If you have any other queries, please do not hesitate to us.