

SP2 June Workshop Day 1

Workshop on Implications of Imminent Demographic Changes for Wellington region

Attendees: RPMG, SORT, Council technical experts

Part 1

Beat Huser, Programme Manager Sustainability, Waikato Regional Council – will discuss how Waikato will be using its ISE model to develop its economic development strategy and exploring other environmental and economic scenarios for the region.

Part 2

This workshop will centre on discussions about the implications of the imminent demographic changes which Wellington region is facing in the next 20-30 years. This could include the “tsunami of grey”, lifestyle changes, and the associated implications of the changing nature of private and public expenditure. The workshop will focus on analysing a series of simple “what if” questions, which will build on each other, to create an overall demographic change scenario.

In the further development of the work for the SP2 project (see below for background info on SP2), this workshop aims to explore use of the ISE (Integrated Scenarios Explorer) model to examine some of the economic development futures for the Wellington region. It would be great if you could attend. A more detailed agenda will be circulated closer to the workshop.

SP2 June Workshop Day 2

Workshop on economic development futures for the region

Topics: Film industry, Airport expansion

Attendees: Economic development staff from TA's, Grow Wellington, modelling staff from TA's & GW

This session will explore the land use and economic implications of two possible scenarios:-

- 1. Airport expansion.** Single stage scenario. Expansion of Wellington Airport to enable international flights. This would enable people to fly directly into Wellington via several international destinations throughout the Asia Pacific region. Currently passengers are required to fly into either Auckland or Christchurch then take a domestic flight to Wellington. Direct implications would be greater tourism, greater accessibility for international students. Total cost is approximately \$300 million, comprising a direct \$80-100 million investment coupled with a total local/central government investment of \$200 million.
- 2. Airport expansion plus Convention Centre.** Two stage scenario. This scenario builds on the Airport expansion scenario above by including a Convention Centre similar in size and nature to the Skycity Convention Centre recently accepted for developed by the New Zealand Government. The scenario explicitly focuses in on the construction and on-going operational impacts of the centre, assuming that all of the investment for the centre is derived from foreign direct investment. Under this scenario overseas visitors are expected to be 30 percent larger than under the single stage Airport expansion scenario.

Brief background on SP2

Greater Wellington and Auckland Council are participating in a 6-year MBIE-funded project known as Sustainable Pathways 2 (SP2). This project aims to develop spatial planning tools that will enable Auckland Council, GW and all the councils in the Wellington region, to work with user-friendly and interactive scenario modelling tools. These will assist councils to explore the spatially-explicit trade-offs (in the economic, environment, social/cultural areas) associated with alternative proposed policy options.

While the full model won't be complete for another two years the current prototype integrates existing models of land use change, demography and economics. Our transport model will be integrated hopefully by the end of the year.

The model is a spatially explicit systems model, with a strong emphasis on the linkage and feedback loops between the different components. It will be an important advance in NZ urban planning, as planners and policy makers will be able to see and interpret spatial patterns of development through time.

The model is being developed jointly by Dutch organisation Research Institute for Knowledge Systems (RIKS) and Auckland firm Market Economics Ltd (M.E) using the Geonamica model integration software. RIKS are global leaders in the development of Spatial Decision Support Systems. The software is based on Metronamica which is a unique generic forecasting tool for planners to simulate and assess the integrated effects of their planning measures on urban and regional development. See the following link for more information http://www.riks.nl/resources/Metronamica_brochure_web.pdf.

The Wellington and Auckland models build on the Waikato Integrate Scenarios Explorer developed in the Creating Futures project which was led by Waikato Regional Council. See this link for a useful Youtube clip about the Waikato model: <http://www.youtube.com/watch?v=RgEABCz1RrI>.

Every council in the region will have a free license for this software for the project period and for two years beyond that.

For an update on the project overall, please go to the SP2 website: <http://www.sustainablepathways.org.nz/>