

Waikato Projections Working Group

Meeting Notes

Monday 26 March 2018, 1.00 – 2.30pm

Aspen Manor Motel, Hamilton East, Meeting Room

Objective

The purpose of the meeting is to discuss the proposal by the University of Waikato for undertaking Waikato population projections using the 2018 Census base data.

Attendants

Beat Huser (WRC- Chair), David Totman (Waipa DC), Dawn Inglis (RATA – WRTM Project Manager), Kylie Meredith (Waitomo DC), Hemopereki Simon (SWDC), Dyfed Thomas (WDHB), Allison Pitts-Brown (Oranga Tamariki, Denise Vincent (Oranga Tamariki), Craig Briggs (WRC), Tony Fenton (Alchemists Ltd), Michael Cameron (University of Waikato).

Apologies

Greg Carstens (HCC), Esmee McKenzie-Norton (WDHB), Anton Marais (WDC), Donna Tracey (Waikato DC), Vishal Ramduny (Waikato DC), Janet Amey (WRC), Gary Knighton (Waipa DC), Nick Carroll (TDC), Hadley Tattle (TDC), Michelle Staines-Hawthorne (MPDC), Niall Baker (MPDC), Derek Phyn (WRC), Greg Morton (WDHB).

Note:

All meeting notes, presentations and other supporting documents are available from the website <http://www.creatingfutures.org.nz/waikato-projections-demographic-and-economic/projections-working-group/>

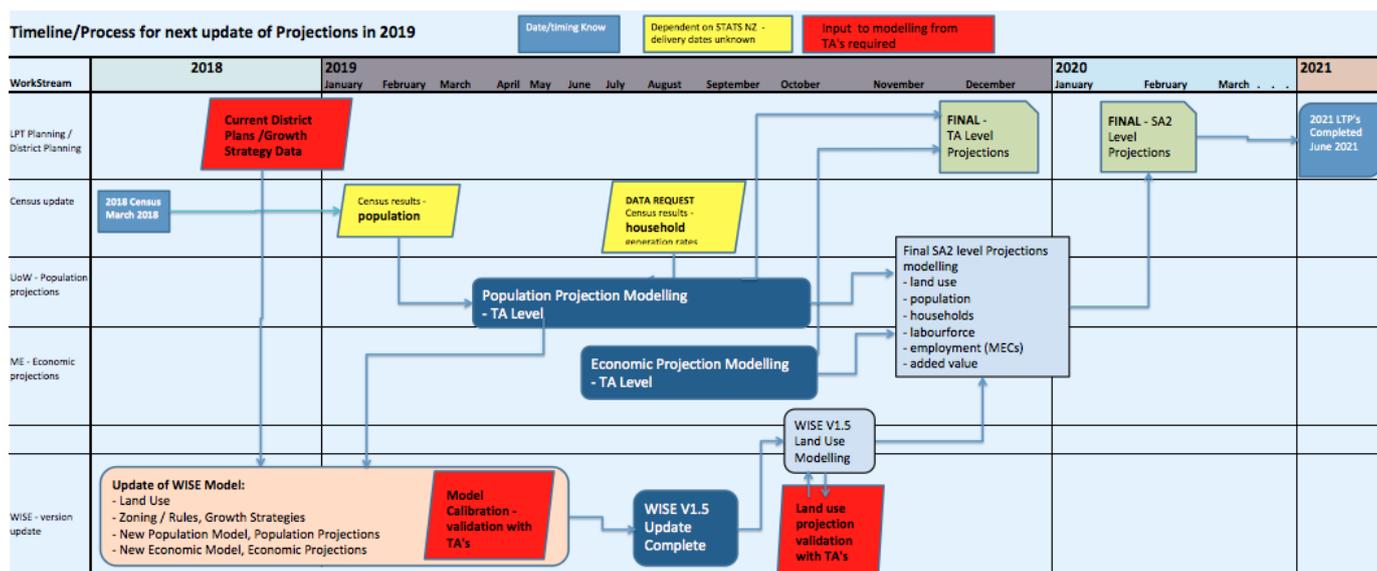
1. Overview of planned projections and timeline (refer to 'Overview presentation')

Beat provided a brief overview the proposed projections, including deliverables and timeline. Basically, the projections include land use (25 classes, at 100m x 100m pixel size), demographics (population, households, labour force) and economic projections (employment, value added/GDP). These are undertaken by Alchemists Ltd/WRC, University of Waikato and Market Economics Ltd, respectively, and coordinated by WRC. As agreed at our last meeting, projections will be produced at regional, district/city council and SA2 (the new area units) level. Projections for other areas, e.g. rating units, settlements) can be produced on request. Time steps include 2018 (baseline), 2025, 2035, 2045, 2055, 2065), and the delivery date for projections was agreed to be February 2020. Refer to the notes from previous meeting, and the 'Issue and Options' paper.

2. Discussion of population proposal (refer to document 'Short proposal for 2018-base Waikato Population Projections', by Michal Cameron, University of Waikato).

Michael briefly outlined the process and methodology for undertaking population projections, and addressed relevant issues and questions raised by meeting attendees. He also discussed improvements made to the modelling methodology, in particular relating to migration and a new household model.

The **timeline** was confirmed as agreed at the last meeting, i.e. release of final projection results by February 2020 (Michael/Uow may provide preliminary projection results earlier, depending on release of final Stats NZ data).



3. Costs and funding options

Beat provided a summary of the total estimated costs for all projections (land use, population, economic), including data purchase, model updates and improvements, validation and calibration, making data available and searchable over web):

- A. WISE update to version 1.5 60k (*)
- B. Economic and Land Use (zoning, accessibility data) projections 42k (*)
- C. Population projections (refer to proposal by UoW)** **108K (**)**
 (assumes medium projections only, no high/low projections;
 new household model included)

(*) = Items A. and B. includes key regional datasets that are also used to update the WISE model. These costs have been included in the WRC Draft LTP. Submissions in support of the WISE model assisting the Waikato Projection Working Group would be useful to ensure resourcing the work listed above under item A. and B. Land use and zoning are critical inputs for population and household modelling to derive population and economic projections.

(**) = for details see *University of Waikato proposal, March 2018*. Possible cost sharing refer to below.

It is suggested to use cost sharing for item C. While population data are a key regional dataset, the need for small-scale population, household and labour force data is predominantly needed by TAs, by Future Proof (including the provision of data for the National Policy Statement on Urban Development Capacity), and is also used as an input for the Waikato Regional Transport Model (WRTM). A possible approach to cost sharing reflecting the above need/uses could look like this:

Item C - a cost sharing option:

<u>Population projections (total)</u>	<u>108K</u>
- WRC	30k
- Future Proof	30k
- LASS /RATA (Transport model)	30k
- <u>Councils (other than FP)</u>	<u>18k</u>
<i>Total</i>	<i>108k</i>

Further discussion will be needed to explore the feasibility and pros/cons of a cost-sharing approach, and to agree on the final allocation of cost.

4. Next steps

1. Confirming the LTP funding for items A. and B. above (undertaken by WRC). This provides the necessary input for the population and economic projections - **(WRC)**.
2. Establishing an agreed funding framework for the population projections, Item C - **(ALL)**.
3. Developing work briefs for the various projection work stream, and develop/sign contracts - **(WRC)**.