Waikato Projections Working Group

Future Proof 13 June 2018

Geographx

Projections for **population, employment and land use** (2018 to 2068)

Regional, by TA and by SA2 (new statistical census units)

Creating Futures : WISE

Projections Working Group

The Waikato Projections - Working group

The Waikato Projections Working Group consists of staff representatives from all the District councils and Waikato Regional Council. It also includes representation from District Health Board and Waikato's Regional Transport Model.

The purpose of the Working Group is to plan and implement a process to provide a regionally consistent set of **future population and economic projections** for the Waikato based on the upcoming 2018 census so that they met the needs of individual councils for their work in preparing thier next LTP (2021) and other planning/strategies (Urban Growth - NPS).

Workshop Reports

The following is a record of the minutes and materials presented at the Waikato Projection working group workshops.

26th March 2018

📄 Waikato Projection Working Group - Notes Meeting 26 March 2018

📄 Waikato Projection Working Group - Slides meeting 26 March 2018

📄 Waikato Projection Working Group - Proposal for Populatiopn & Household projections (University of Waikato, Michael Cameron, March 2018)

Healthy environment

Strong economy

Vibrant communities

www.creatingfutures.org.nz/waikato-projections-demographic-and-economic/projections-working-group/

Waikato
REGIONAL COUNCIL
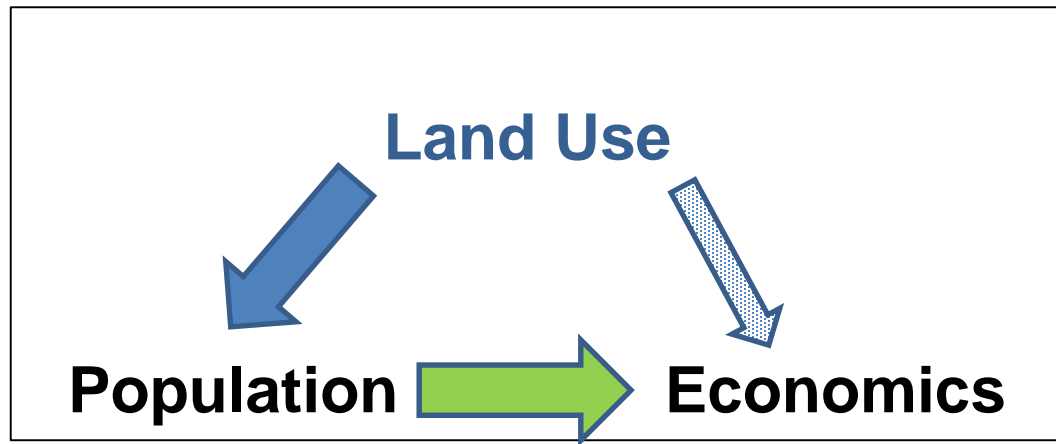Te Kaunihera ā Rohe o Waikato

What Projections?

- **By TA:**
  - <u>Land Use</u> (by 25 land use classes, 100mx100m)
  - <u>Population</u> (by gender/age cohorts)
  - <u>Households</u> (by household type)
  - <u>Labour force</u>
  - <u>Employment</u> (as Modified Employee Counts, MEC's)
  - <u>Value Added</u> ($m)

- **By SA2** (Statistical Areas 2; new Census Area Units):
  - Land Use (by WISE land use class)
  - ***Population (total)***
  - ***Households (total)***
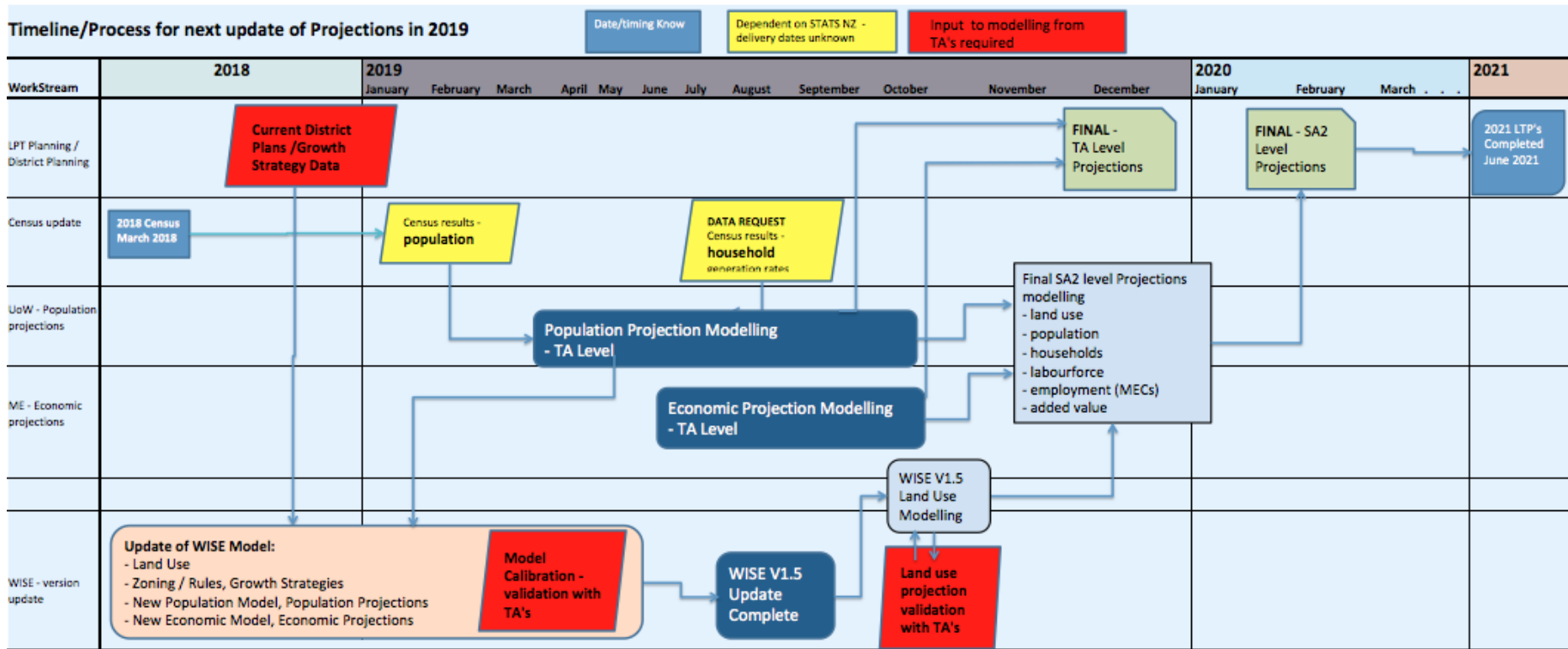 - Labour force
  - Employment (as MEC's)
  - Value Added ($m)

✓ Time steps 2018, 2025, 2035, 2045, 2055, 2065)

✓ Delivered by **February 2020**

Process *(simplified)*

- **Land Use** – Waikato Regional Council (WISE/Alchemists Ltd)

- **Economic** – Market Economics Ltd (WISE/economic model)

- **Population -** University of Waikato (WISE/demographic models)

Detailed Process and Timeline
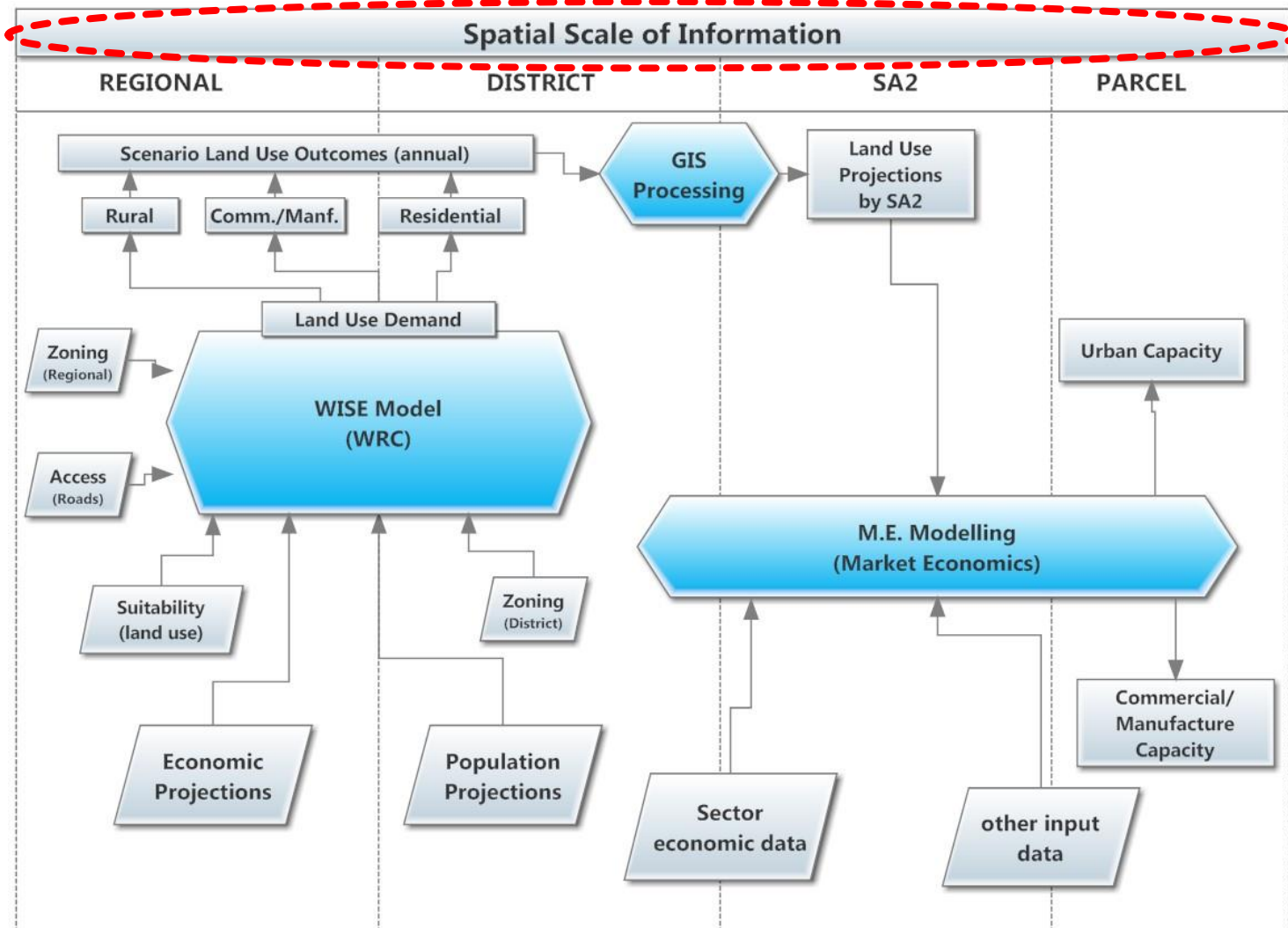

Your input required

➢ Nov 2018 - Current District Plans /Growth Strategy Data
➢ March 2019 – Updated WISE Model: validation/calibration
➢ Oct 2019 - Land use projections - validation with TAs

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Links to other work

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Proposed funding

1. WISE update to version 1.5
   (data, zoning, model update and calibration etc.)

2. Land use and economic projections
   (and web-based access to all results, data visualisation)

   WRC ✔
   (~ 100k)

3. **Population projections** (refer to UoW proposal) **- 108k**[*]
   ➢WRC – 30k (✔)
   ➢Future Proof – 30k (?)
   ➢WLASS (TAs) /WRTM – 48k (✔)

   * = medium projections only (add 20k for low and high projections at TA and SA2 level)
   * = minimum reporting (add extra $ for detailed/tailor-made reporting)

Next Steps

1. Confirm WRC funding for WISE update (LTP) *– July 2018 – required as input to population projections*

2. Confirm funding (FP, WLASS) *– July 2018? – proposal to WLASS Board (May 2018)*

3. Develop detailed work briefs and contracts *– August 2018*

4. Liaise with TAs, WLASS/WRTM, other users *- ongoing*

5. Keep you informed (Waikato Projections Working Group)

6. Explore web-based data access & presentation *– with M.E. (building on current website, see next slide)*

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Projections Outputs

Projection Reports:

📄 Land Use Projections at CAU Level (Alchemists Ltd) (8 Mb)

📄 Population, Household, Labourforce Projections at CAU Level (University of Waikato) (1 Mb)

📄 Economic (Employment, Value Added) Projections at TA Level (Market Economics Ltd) (5 Mb)

📄 TA Level - Population, Household, Labourforce Projections (2013-2063) (University of Waikato) (5 Mb)

Access Data or View Results

To view or download the Census Area Unit level data from Projections project (WORK IN PROGRESS) >> Click Here

Waikato Projections - Results by Census Area Unit

Choose Projection:
○ Low Growth
● Medium Growth
Choose a dataset to download:
Low Growth - Area Unit Data

About Population Households Labourforce Employment Value Add

Welcome to the interactive data portal for the Waikato Projections. This portal allows you to access, sort and export the results of the projections undertaken in 2016. You can access the different projections data by choosing the appropriate tab above. Scroll down to see maps of the census area units across the Region.

Data files:

- Land Use projections (CAU,TA) - Low Projection, Medium Projection
- Economic projections - Employment, value added(CAU, TA)
- Population projections - Population (TA)
- Population projections - Households, labourforce (TA)
- Population projections - Population, households, labourforce (CAU)

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