

Ruamāhanga Strategy

First review

Main differences

- Two volumes
 - Climate Change Strategy
 - Action plan
- Socioeconomic context updated (Infometrics)
- Climate change projections updated (GWRC)
- Likely impacts of climate change for Wairarapa updated (GWRC)
- Achievements for the period 2019-2021
- Action plan updated

Climate change projections – 2040

Likely impacts of climate change

- Consistent across Wellington Region
- Consistent across SWDC organisation (LTP, Spatial Plan, etc)

- Already presented at a previous workshop

Achievements - Councils

- Council's activities:
 - GHG inventories 2018, 2019 and 2020 (-2%)
 - Active, strong and united voice with SWDC and CDC at a regional and national level
 - Policies
 - Climate change in the LTP 2021-31
- Transportation:
 - E-bike scheme
- Energy consumption:
 - Self-assessment on our building efficiency (non-reliable results)
- Renewable energy:
 - 100% of electricity used is renewable

Achievements/WIP - Councils

- 3-waters:
 - Leak detection and repair to reduce water losses
 - Sewer's maintenance
- Waste:
 - Recycle stations available for the staff members with guidelines
 - Paperless initiatives (Stellar, etc.)
- Carbon sequestration:
 - Planting opportunities identified
- Communication and education:
 - GHG emissions dashboard and climate change newsletter to staff
 - Workshops to staff and EMs
 - Conservation week
 - Climate Change section in the Councils' reports

Achievements/WIP – Community and businesses

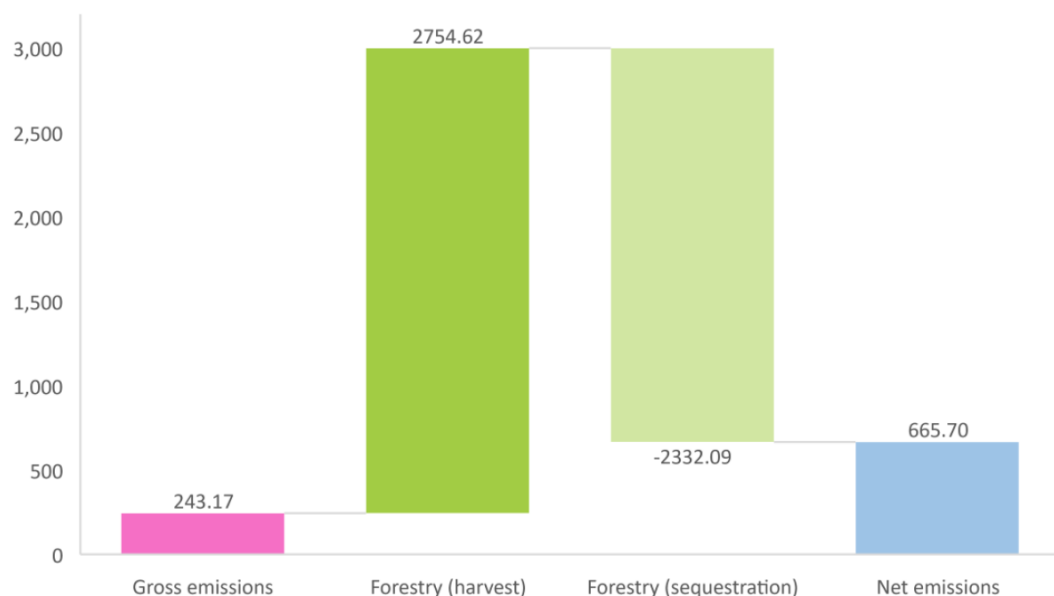
- Themed weeks
- Events
- Enviroschools
- Wairarapa Earthschool
- Social media (Climate Change Wairarapa – FB)

Action plan

- Wairarapa wide community action plan if accepted by all three councils
- Coming actions:
 - Conservation week 2021
 - Self-assessment Kit

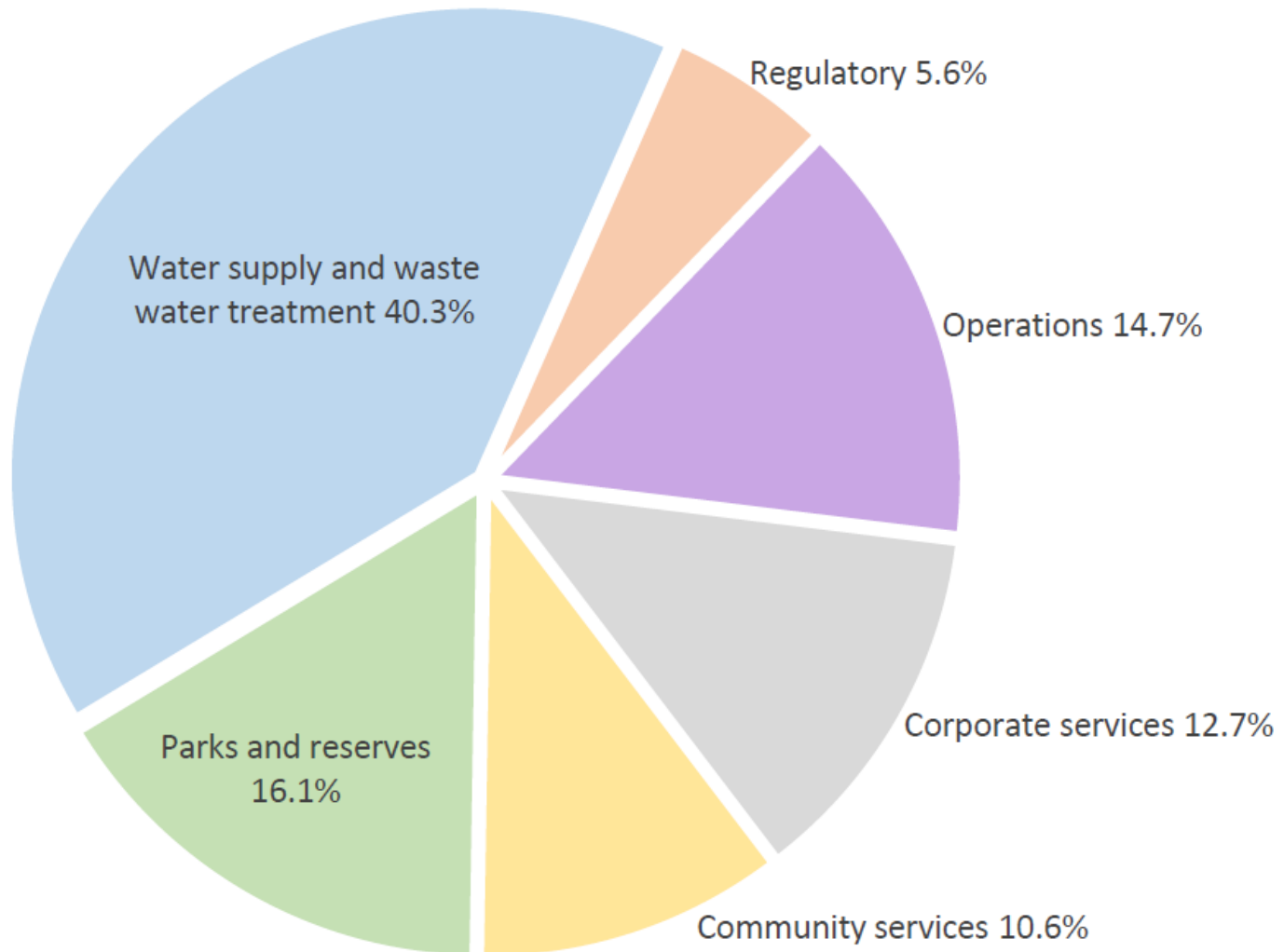
2020 Greenhouse gas inventory

Summary



- Gross emissions – 2020 (excl. forestry)
243.17 tCO₂e / -2% compare to 2018 baseline
- Net emissions – 2020 (incl. forestry)
665.70 tCO₂e / -75% compare to 2018 baseline
- Biogenic methane – 2020 (waste and wastewater treatment)
25.05tCO₂e / -2% compare to 2018 baseline

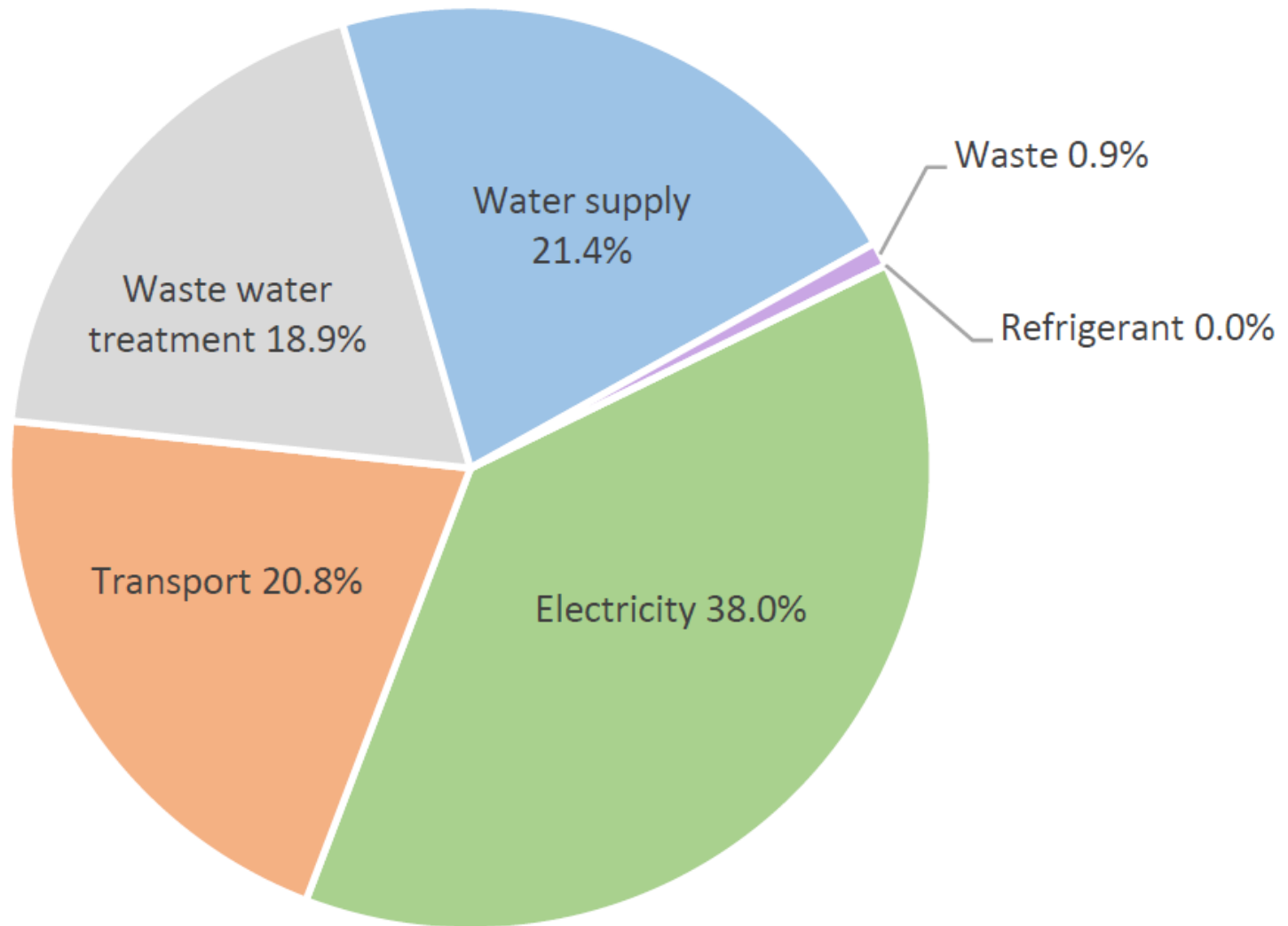
Gross emissions by business units



Gross emissions by business units

	Evolution 2018 - 2020
Corporate Services	-10.70%
Community Services	+22.90%
Operations	-35.10%
Water supply and Wastewater treatment	+5.18%
Parks and Reserves	+24.68%
Regulatory	+5.04%
GROSS EMISSIONS	-2.03%

Gross emissions by sources



Gross emissions by sources

	Evolution 2018 - 2020
Electricity	+3.42%
Transport	-19.49%
Wastewater	-2.49%
Water supply	+13.04%
Waste	-24.16%
Refrigerant	0%
GROSS EMISSIONS	-2.03%

Forestry

- Harvest:

2,754.62 tCO₂e / -44% change compare to 2018 baseline

- Sequestration:

-2,332.09 tCO₂e / -7% compare to 2018 baseline

- Total forestry

422.53 tCO₂e / -83% compare to 2018 baseline

Biogenic methane

- Waste:
2.07 tCH₄ / 0% compare to 2018 baseline
- Wastewater treatment
22.97 tCH₄ / -2% compare to 2018 baseline
- Total biogenic methane
25.05 tCH₄ / -2% compare to 2018 baseline

