



# New Zealand Aggregates Industry

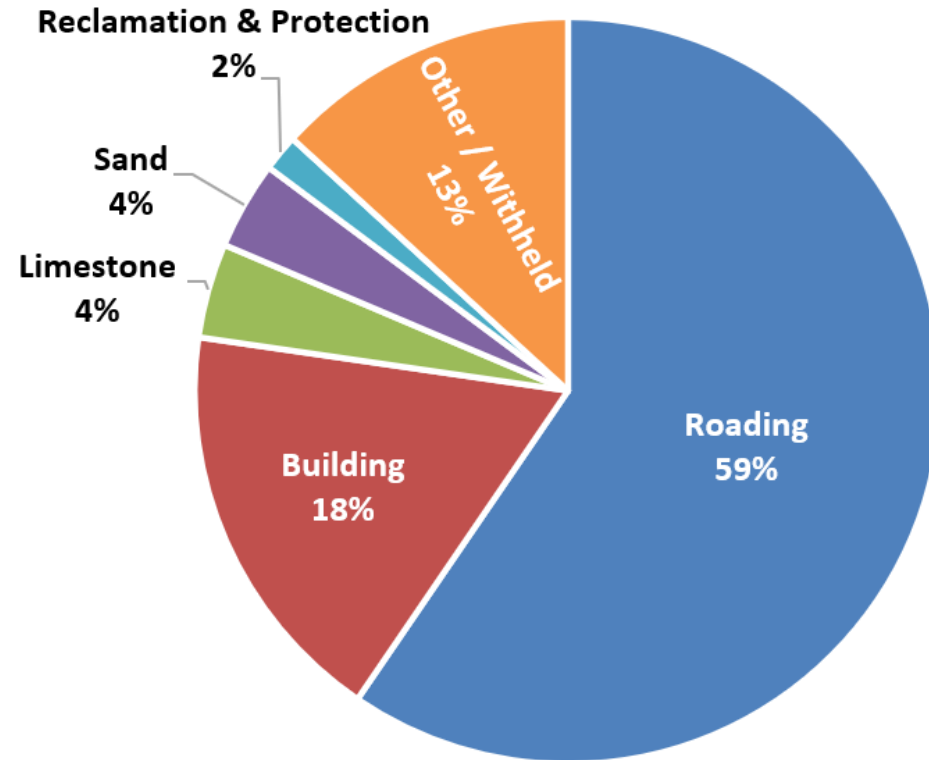
GAIN Meeting July 2023



# A few facts

- 45-50 million tonnes of aggregates and sand produced p.a.
- Consumption is 9 tonnes per head of population
- 250 tonnes of aggregate is used in an average house
- 1 km of two-lane highway requires 14,000t of aggregate

## 2020 Product Uses



We are in a time of significant change with added focus on:

- Climate change mitigation/transition to a low emissions economy
- Sustainable practices
- Greater protection of the environment
- Significant investment in infrastructure.



## ***Key issues:***



- ***Access to resources in close proximity to markets***
- ***Reverse sensitivity (NIMBYism)***
- ***Challenges to social licence***
- ***A belief that alternatives exist to use of virgin aggregates (recycling, timber etc.)***



# ***Our Resource Management system needs an overhaul***

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- ***Simple quarry consents are taking 5 years***
- ***Exhaustive appeal rights hold up all applications***
- ***Project delays and cost blow-outs common***



# Increasing emphasis on climate related risk/opportunities

- **Government requirement**
- **Govt Emissions reduction plan**
- **Requirements on major projects**
- **More and more customers asking us to explain what we are doing to reduce emissions**
- **Response to natural disasters.**



# Roadmap to 2030

- Energy and emissions
- Waste
- Iwi/Māori rights and interests
- Freshwater
- Biodiversity
- Amenity
- Health and safety
- Socio-economic
- Governance



*Thank you*

**Wayne Scott**

Ph: +64 21 944 336

[wayne@aqa.co.nz](mailto:wayne@aqa.co.nz)

Aggregate and Quarry Association of NZ