

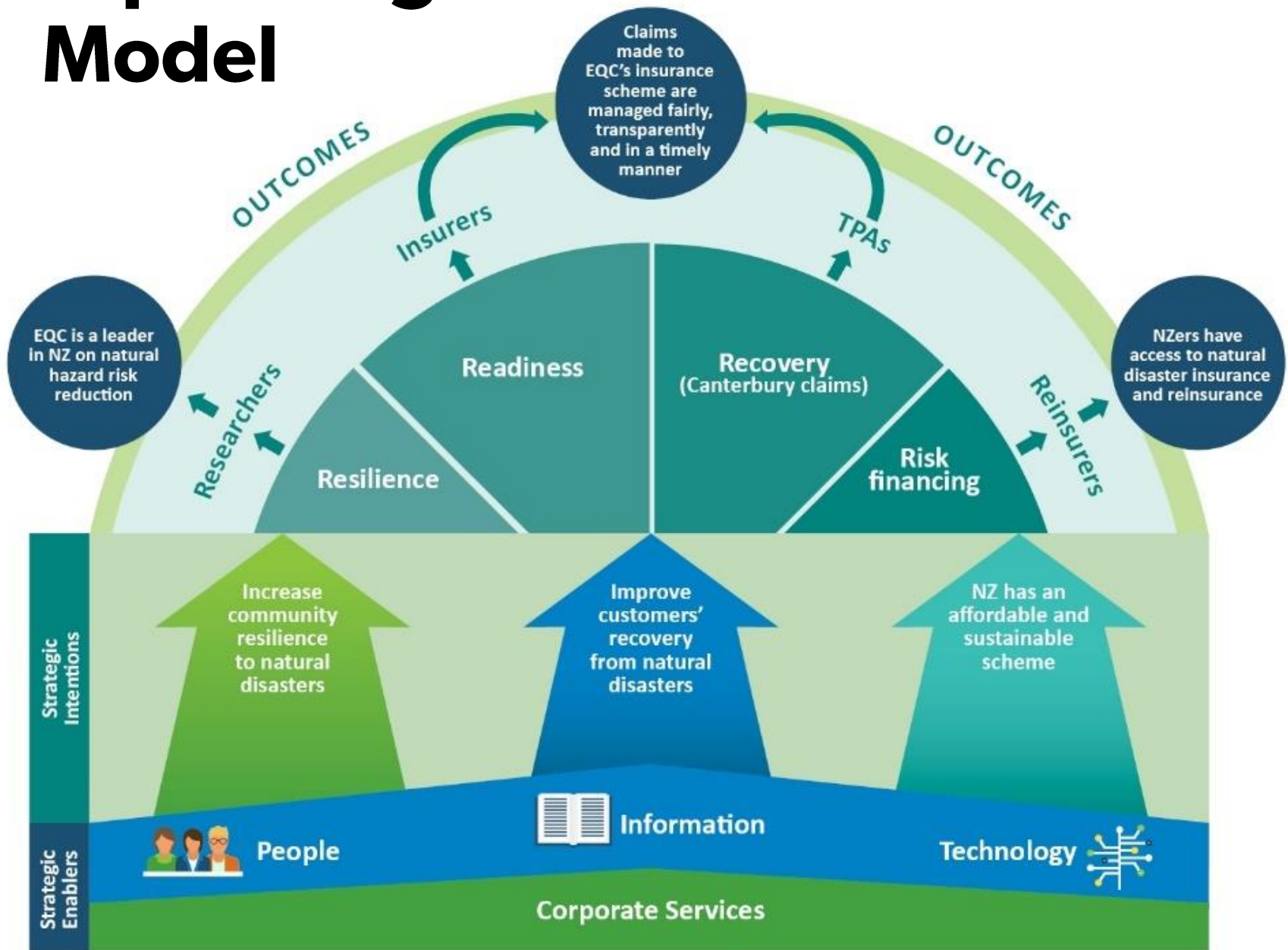
Evolving EQC

*Building our role in Risk Reduction
& Resilience*

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CHIEF RESILIENCE & RESEARCH OFFICER
4 DECEMBER 2020

We make a difference for people
Ka kōnekeneketia tātou mō ngā tāngata

EQC Operating Model



3 reasons why EQC cares about risk

1. Managing EQC and Crown contingent liability

As one of the major carriers of natural hazard risk liability in New Zealand, increasing risk means increasing financial exposure.

2. Securing reinsurance for New Zealand

The international reinsurance market watches New Zealand's risk and risk management activities closely. Their confidence in our understanding and management of risk translates directly to the premium both EQC and private insurers are charged for reinsurance, and thus to the availability and affordability of insurance in New Zealand.

3. Social responsibility

As a Crown Entity we have a duty to the people of New Zealand, including to work collaboratively with other government agencies to reduce harm and protect wellbeing.

An aerial photograph of a coastal town. The town is built on a hillside that drops down to a steep, eroded cliff edge overlooking the ocean. The cliff face is light-colored and shows signs of erosion. Several modern, multi-story houses with large windows and balconies are visible, some built very close to the cliff edge. The ocean is a calm, greyish-blue color. In the background, more houses and trees are visible on the hillside, and a distant city skyline can be seen on the horizon under a cloudy sky.

Consented 2017

Insurance 2020



Constructed 2016

Insurance 2017



Constructed 2013

Suburb's sinking feeling

Aaron Leaman - 07:32, Jun 17 2014



PHOTOGRAPH BY FABIAN NIZ

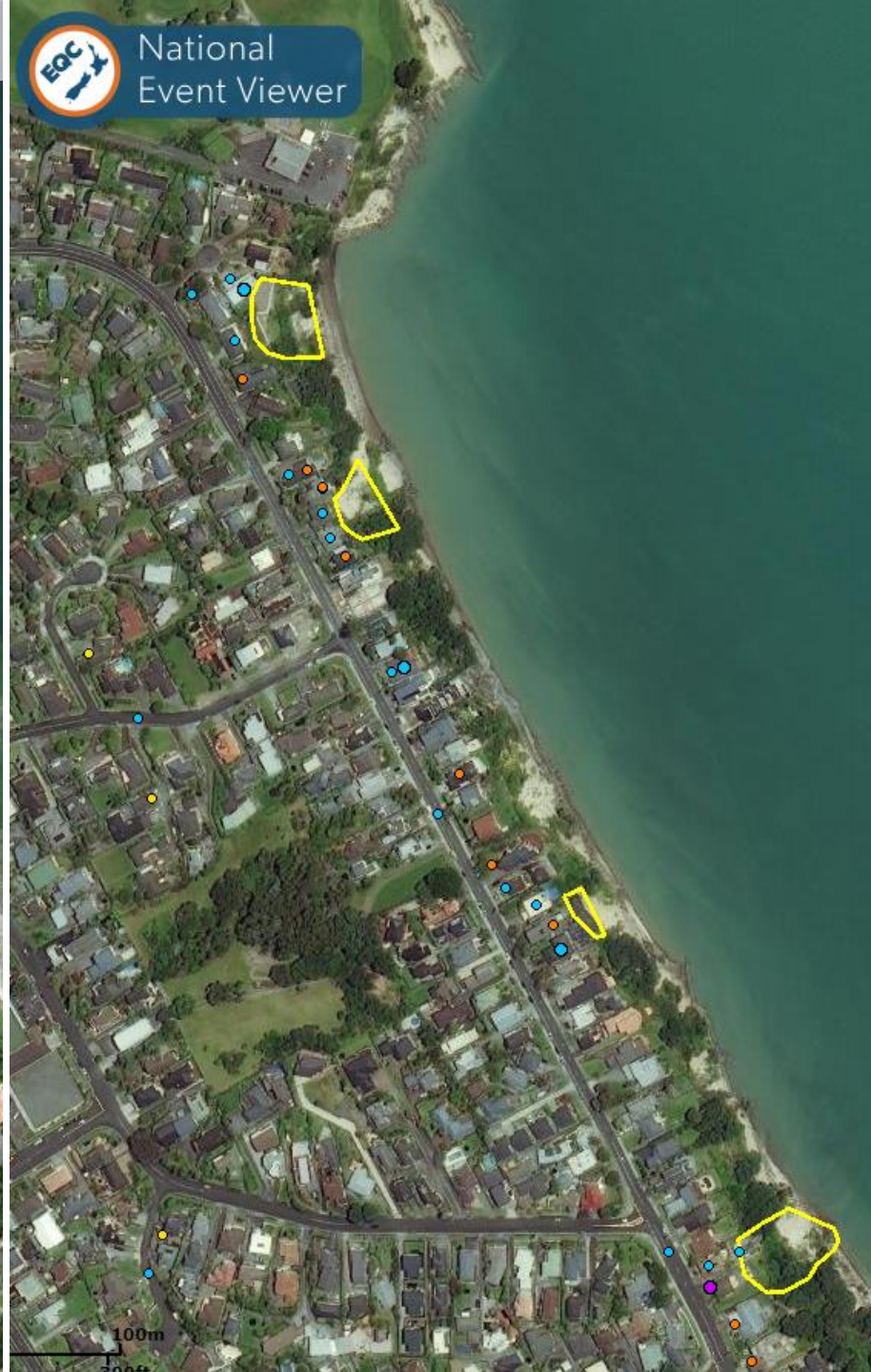
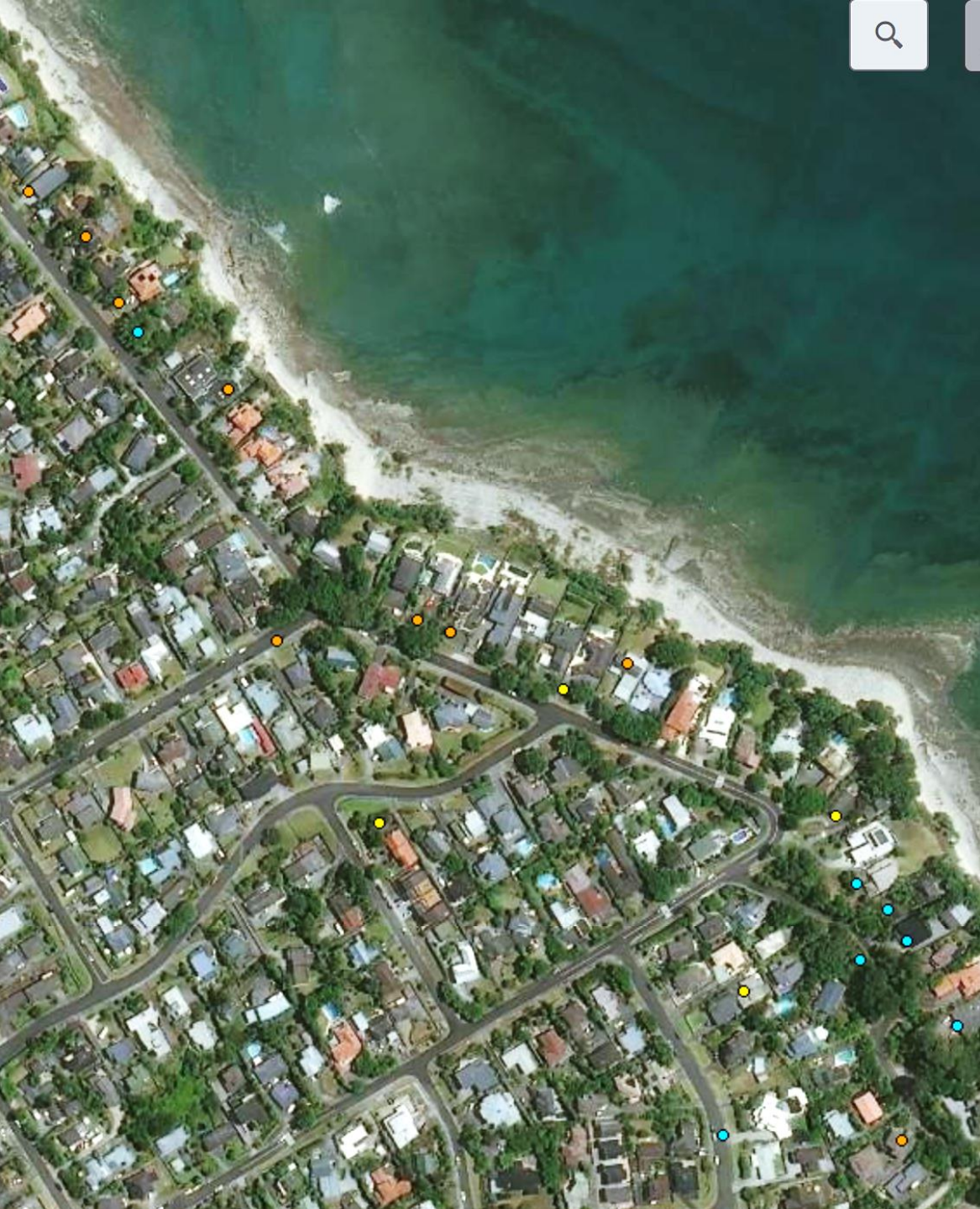
SINKING FEELING: The owners of a Wimbledon CI house say the land around their brick house has dropped by up to 60cm over the past seven years. Their backyard is flooded every time it rains.

A swath of properties built on peaty soil in a western Hamilton suburb are sinking, causing flooding and major damage to houses.

Some residents in the area want to know how the subdivision in Newton could have been allowed to be built without safeguards and are demanding

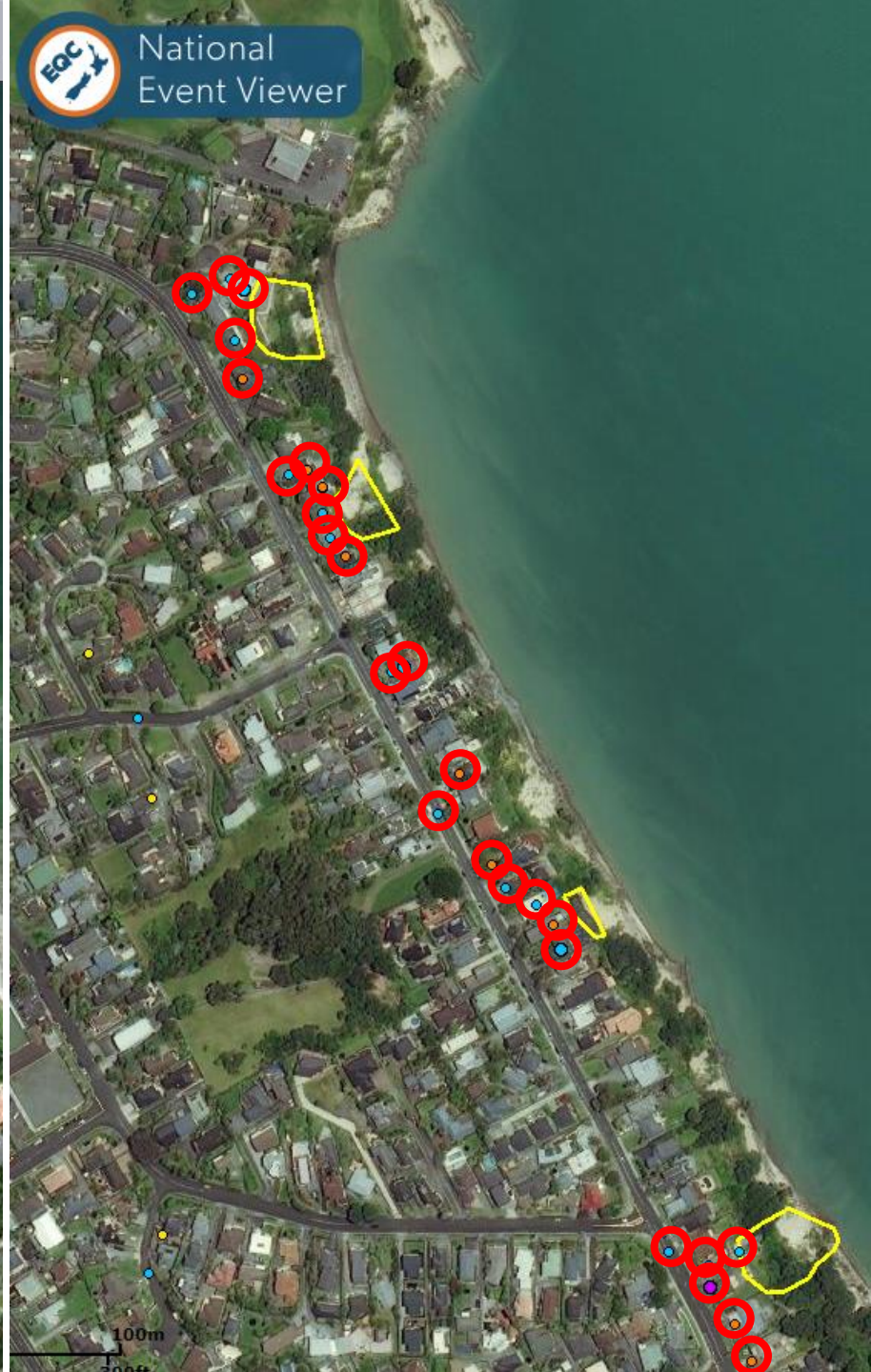
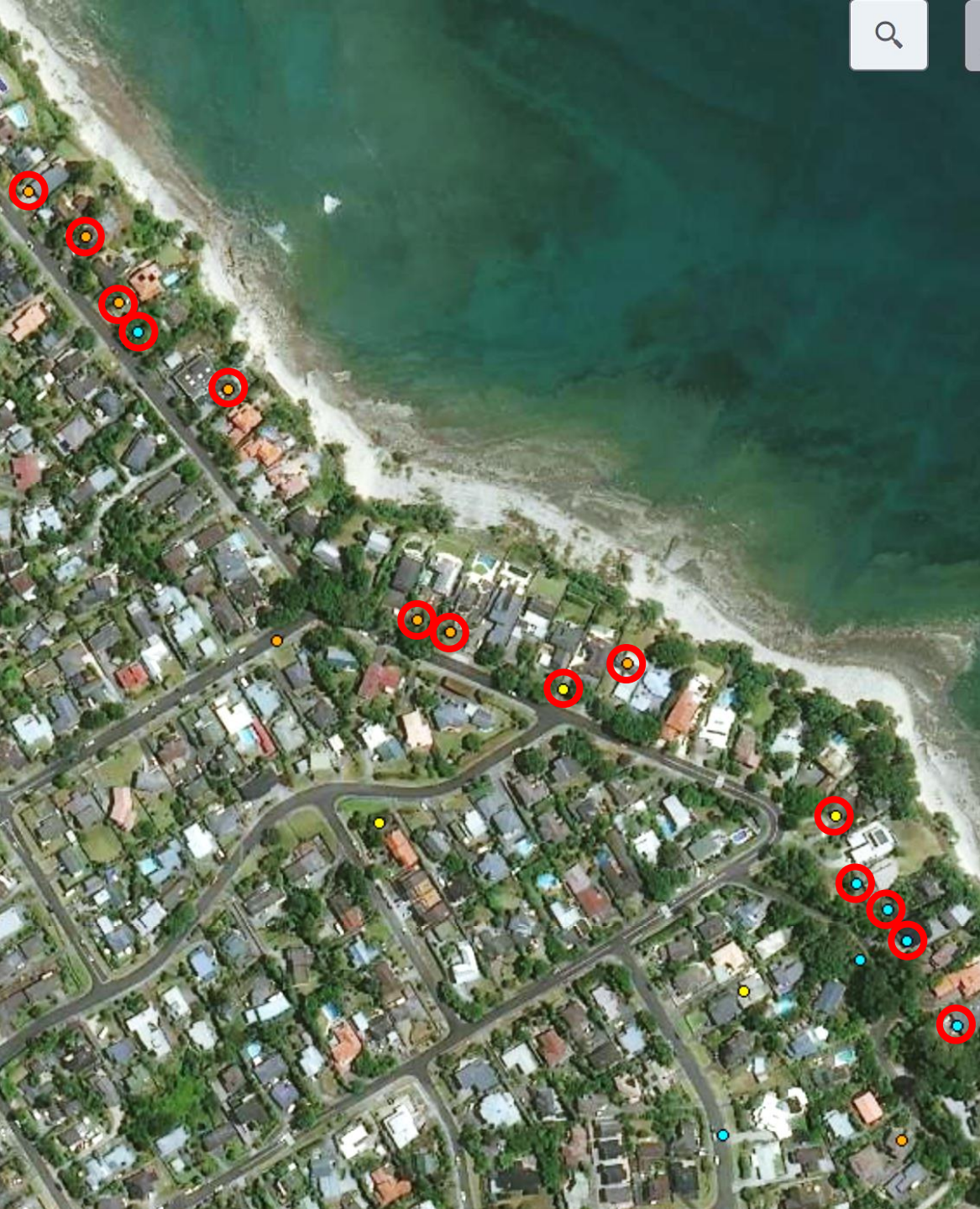






National
Event Viewer

100m



Future?

Coastal erosion x climate change





Buildings

797

<10m from cliff

Buildings

1,362

<15m from cliff

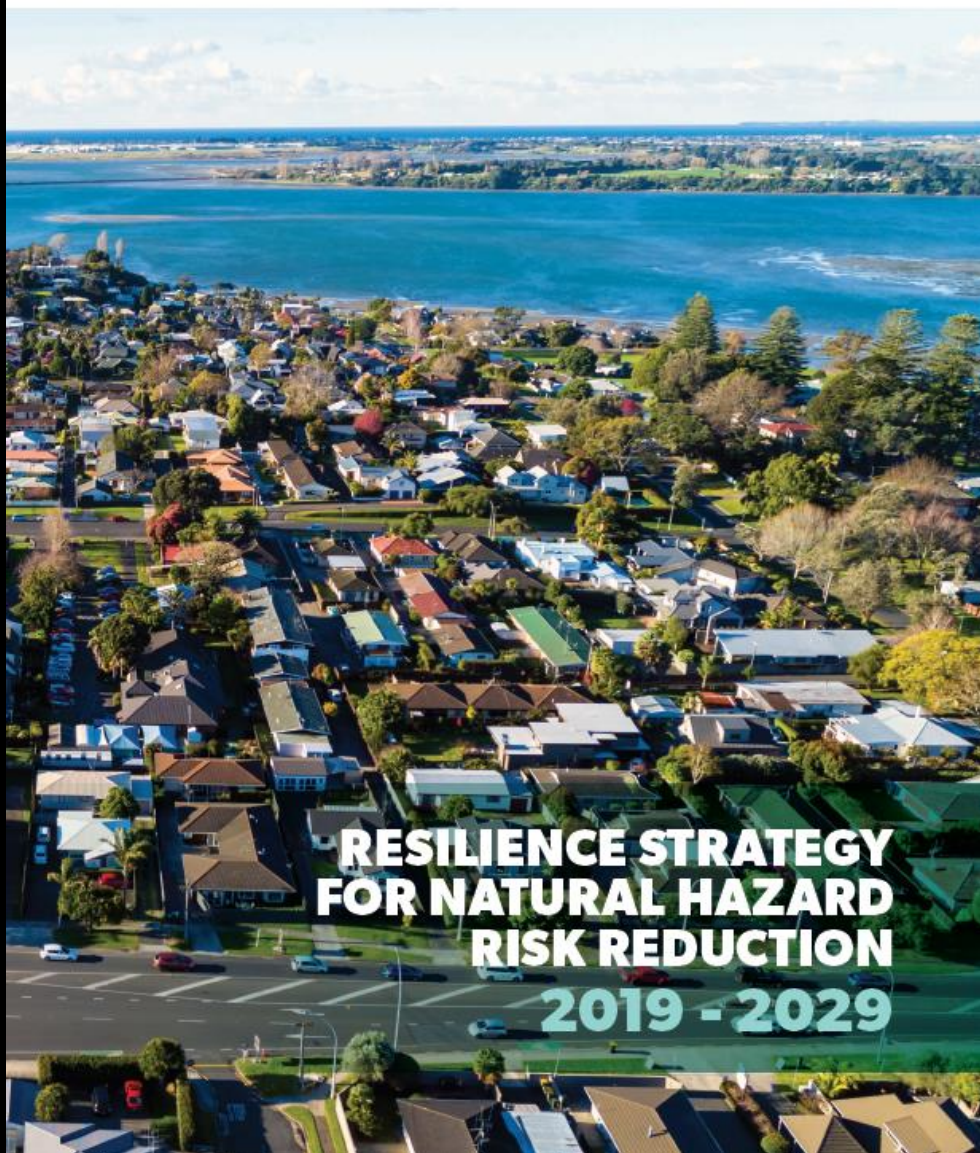
Buildings

2,059

<20m from cliff



Addressing New Zealand's
current and future disaster
resilience challenges



**RESILIENCE STRATEGY
FOR NATURAL HAZARD
RISK REDUCTION
2019 - 2029**

EQC

Resilience & Research

AVOID THE RISK

REMOVE OR
REDUCE THE
EXPOSURE



RESOURCE MANAGEMENT
MANAGED RETREAT

CONTROL THE RISK

REDUCE THE
HAZARD OR
VULNERABILITY



BUILDING REGULATIONS
PROTECTION, MITIGATION AND RETROFIT

Most of EQC

TRANSFER THE RISK

CONTRACTUAL
TRANSFER OF
RISK TO THIRD
PARTY



INSURANCE VIA EQC AND PRIVATE
INSURERS AND

or ACCEPT THE RISK

MAKE PLANS
FOR WHEN IT
HAPPENS



READINESS, RESPONSE, AND RECOVERY
ARRANGEMENTS



Bad land-use decision 2017

What is the system leading to this?



NATIONAL POLICY & PLANNING

Resource Management Act
National Policy Statements
National Adaptation Plan
Building Act, Code, and Standards
CDEM Act, Strategy, and Plan

LOCAL POLICY & PLANNING

Hazard mapping, analysis, and monitoring
Determining acceptable risk
Spatial planning
District Plans and regulations
Risk information sharing
Consenting
Appeals processes
Compliance and assurance

PRIVATE SECTOR PRACTICE

Architecture
Geotech
Engineering
Developers
Construction
Planners
Consultants

HOMEOWNERS & THE PUBLIC

Risk awareness
Risk literacy
Risk appetite and participation in hazard risk management
Risk-informed decision-making and demand for resilient solutions

HOW WE DO IT:

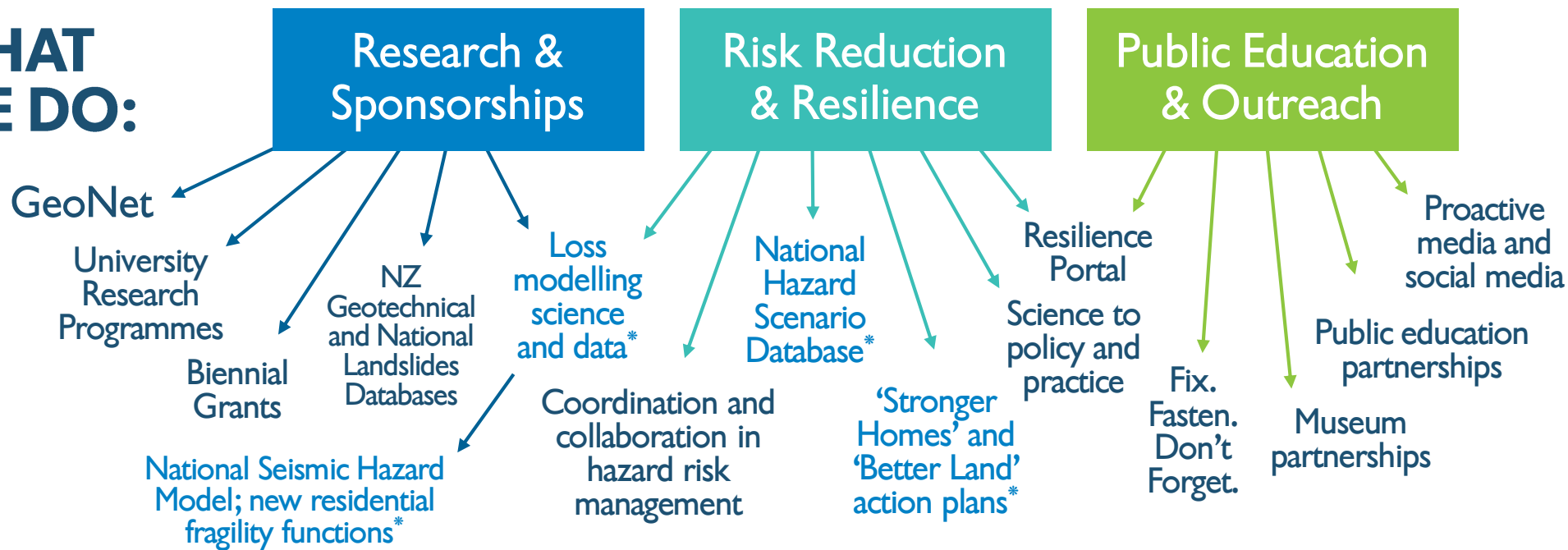
We invest in **evidence** – science, research, data, and modelling – to build the case for change.

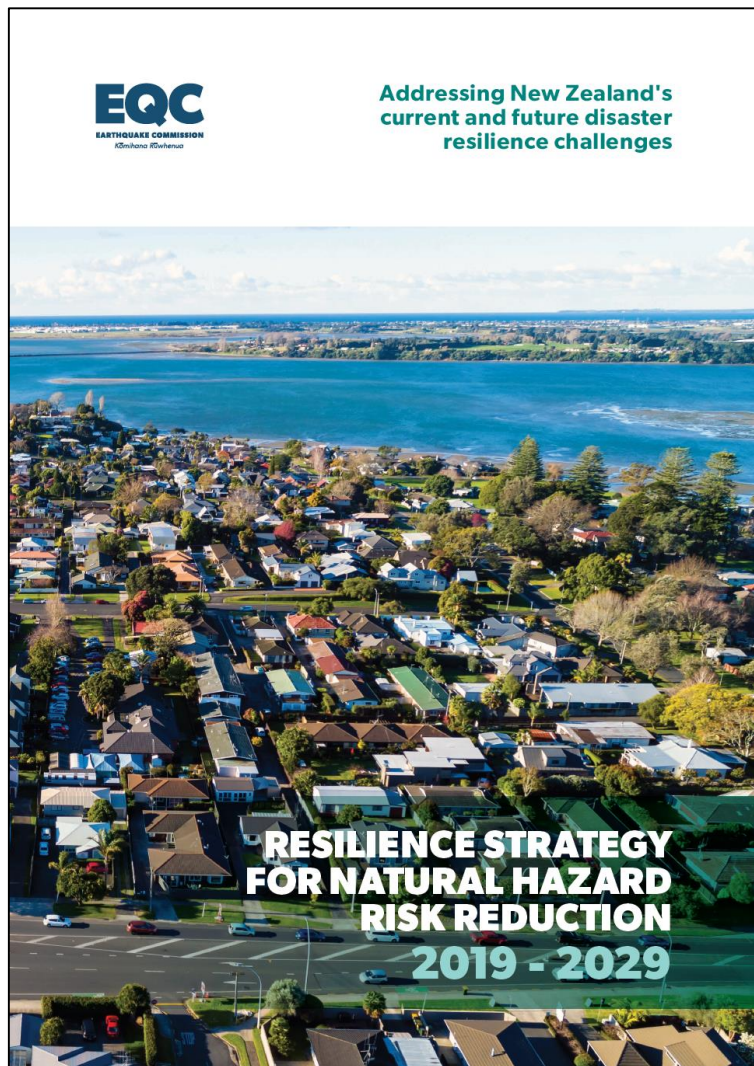
We aim to **translate** and **operationalise** this evidence into forms that people can use and act on.

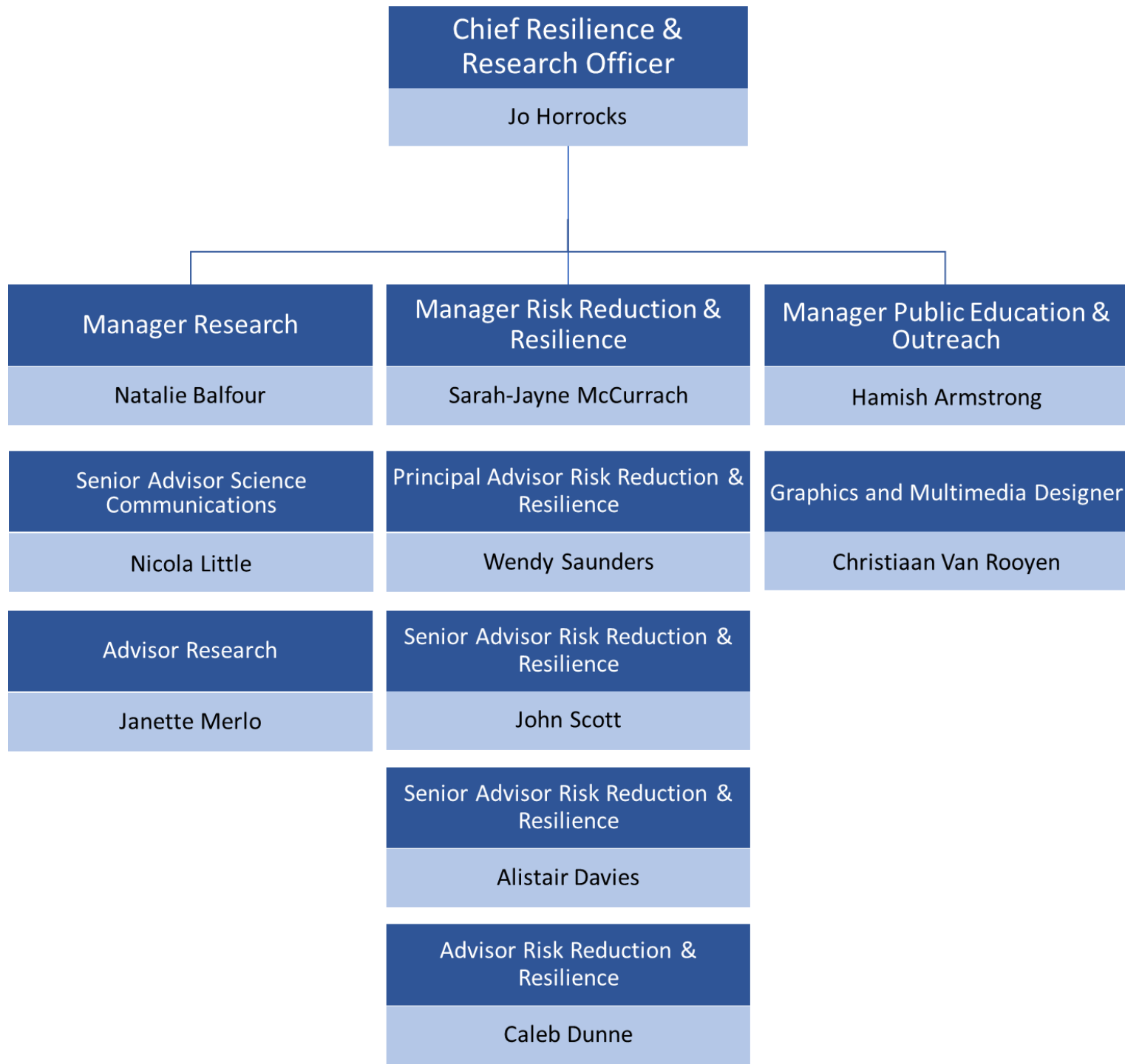
We then aim to put the evidence **into the hands** of people who can make a difference:



WHAT WE DO:







Value-Add Opportunities

Sharing more of our data, risk information and modelling, and promoting **a greater risk-informed approach**

Participating more in the development of policy, regulations, standards, and guidelines to **ensure the effective management of risk**

Taking a greater role in the coordination and governance of natural hazard risk management to **ensure the system is working optimally**