



MP for Wigram

Minister of Energy and Resources

Minister Responsible for the Earthquake Commission

Minister for Greater Christchurch Regeneration

Minister of Research, Science and Innovation

12 MAR 2018

Dr Nicola Crauford
Chair
GNS Science
PO Box 30-368
LOWER HUTT 5040

Dear Nicola

ANNUAL LETTER OF EXPECTATION FOR 2018/19

I am writing on behalf of shareholding Ministers to set out the Government's expectations for GNS Science in the 2018/19 year and beyond.

Working together to meet this Government's priorities

Science has a critical role to play in resolving New Zealand's greatest long term challenges. Progress on the difficult issues we face is more likely if scientists lead public engagement and understanding of scientific information on matters of public interest. GNS also has an important role in providing high quality, evidence based science to inform policy and planning decisions that benefit New Zealand in its areas of science expertise.

I seek your support to work on the role that science can play in achieving sustainable economic development in all regions, increased exports, the transition to a low carbon economy, a healthy environment, and improving the well-being of all New Zealanders.

These challenges do not fit neatly within agency boundaries. This Government expects that all government institutions will focus on actively and coherently working together, alongside the other key partners, to deliver on the Government's priorities. CRIs in particular have a significant role to play in our ability to respond to matters of national significance and crisis. In carrying out their activities I expect CRIs to exhibit a sense of social responsibility, consider the interests of the community in which they operate, and seek to accommodate those interests where possible.

I attach to this letter a summary of the priorities specific to the Research, Science and Innovation portfolio. If we are to be successful, GNS must play an active role in delivering on these goals by providing leadership as appropriate, and by exemplifying the best of scientific and public servant behaviours.

I expect you to be able articulate the role GNS will play in addressing these priorities and challenges and to report back on progress.

Specific priorities for GNS Science

I recognise that GNS Science has a strong record in delivering on its core research activity and robust operating systems. Therefore, my focus is on creating an environment in which

research, science and innovation can flourish.

This year, I expect to have active dialogue with the Board on the development and implementation of its new strategy. In particular I expect:

- **Alignment with Government priorities** – GNS’s new strategy should support Government priorities and identify how we can work across government to ensure successful outcomes.
- **Deliver on the strategic review** - the Board will implement the changes signalled by the review to build a greater outward focus, while retaining the critical science capability that New Zealand needs.
- **Enhance New Zealand’s hazard monitoring system** - I expect a high quality business case to be submitted to the Ministry of Business Innovation and Employment (the Ministry) that clearly outlines a plan to enhance New Zealand’s geohazard monitoring capability, including enhancing the availability of the monitoring system so that it delivers 24/7 awake monitoring by December 2018. I expect GNS to work proactively to ensure that, following establishment, a phased programme is implemented to achieve agreed service level requirements for a 24/7 operations centre with priority given to enhancement to earthquake and tsunami advice.

Please prepare a briefing on the above matters by 7 May 2018 to inform discussions on the development of your Statement of Corporate Intent. Officials from the Ministry will work with you on the key areas to be covered.

Collaborative report-backs

There are a number of key areas where the CRIs face common challenges. This year, I expect that the CRIs (and other stakeholders as appropriate) will provide to me the following joint reports by 30 September 2018:

- Workforce planning, capability and development.
- Developing enduring partnerships and co-innovation with Māori.

Clarification of system expectations – science prioritisation

All Ministers have been directed to assess the Crown’s baseline expenditure against Government priorities and to reprioritise funding accordingly. We expect that the GNS Board and management will continue to act on our behalf in robustly assessing GNS Science’s priorities and to discuss potential strategic choices with me through the Statement of Corporate Intent consultation process.

As you go through this process, I encourage you to pursue innovative science into new areas, confidently pursuing ‘stretch’ science. Alongside this pursuit, I encourage you to improve the scientific data and evidence base to support a range of users’ decision-making, policies and standards, which results from the of good use of science.

If this pushes the boundaries of your Statement of Core Purpose, I want to discuss it, not discard it.

Clarification of system expectations – finance and investment

CRIs are required to both support their sectors and maintain resilient businesses. Shareholding Ministers confirm that the expectations regarding financial performance remain

unchanged. These include expectations on profitability, funding capital programmes, dividends, and commercialisation.

Shareholding Ministers continue to require robust business case processes for all significant investments and transactions. I consider that flexibility, resilience and connection are critical investment objectives. Accordingly, I expect the focus of your investment to be on supporting our ability to undertake high quality and relevant science, in partnership with industry, sector partners and communities, and in collaboration with universities, CRIs and other research organisations.

I also expect CRIs to continue to consider opportunities to share infrastructure, information platforms and systems to meet this Government's priorities.

General expectations and good governance

You will already be well aware that the Government requires its Crown Entities to demonstrate the highest levels of integrity and good governance. I also expect CRIs to help lead engagement and understanding of scientific information on matters of public interest.

In line with the government's broader objectives, I expect you to:

- be the primary monitor of the entity's performance and maintain effective relationships with my advisors in the Ministry.
- maintain a high performing board and report to me and the Ministry on the result of a self-assessment of the board's performance by 30 September 2018.
- operate a no surprises policy.

Response

Please provide your Strategic Issues Letter, setting out how you propose to respond to the above expectations, by 23 March 2018.

I look forward to developing an effective working relationship with you over the coming year.

Yours sincerely

A handwritten signature in blue ink, appearing to read 'M. Woods', written in a cursive style.

Hon Dr Megan Woods
Minister Research, Science and Innovation

Copy to: Ian Simpson, Chief Executive, GNS Science

Annex: Government priorities for Research, Science and Innovation Investments

Within the broad, longer-term Government priorities outlined in the letter, there are more specific priorities where I expect CRIs' research can make significant contributions in the short-medium term.

Sustaining economic development and supporting the regions

We need to diversify the economy by investing in new industries, creating new businesses and new ways of doing business. Some of these industries will build off our traditional strengths; others may not.

This priority includes research areas such as:

- transitioning to a low-carbon economy by 2050
- innovative, knowledge-intensive technologies that could disrupt existing industries or create new ones
- regional strengths, both existing and potential
- resilience to natural hazards.

Supporting a rich and protected environment

The Government understands that a healthy economy depends on a healthy environment, so sustainable economic development is an overarching priority.

More specifically, this priority includes:

- understanding climate change and its drivers and possible effects on New Zealand
- biosecurity challenges - countering kauri dieback and myrtle rust, and piloting alternatives to 1080
- improving quality of New Zealand's freshwater.