

From: Sharon Naveh Ovedya 9(2)(a)
Sent: Wednesday, 10 June 2026 5:06 pm
To: Aaron Napier
Cc: Guy Shafran; Bonnie Hartfield; Martin Workman; Matt Adams; Cherie Tirikatene; Alana Lampitt; Jennifer Carvill; Neale Jones
Subject: Updated DocSend materials following our March 2026 meetings

MFE CYBER SECURITY WARNING

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I hope you are well.

Following our visit to New Zealand and our March 2026 meetings, we have updated the materials in the DocSend folder in response to the matters discussed and the information requested.

The updated materials can be accessed through the following DocSend link:

9(2)(ba)(i)

The updated materials now include:

- **A Stakeholder Information Document** providing an overview of Gigablue, the MCFS technology, the proposed New Zealand research programme, environmental safeguards, anticipated economic benefits, and the pathway we are seeking to progress in New Zealand.
- **An updated Research Plan (May 2026)**, developed with input from Earth Sciences New Zealand, outlining a phased research programme that progresses from literature review and laboratory studies through field trials to long-term monitoring.
- **A review letter from Dr Mike Williams**, General Manager – Oceans and Fisheries at Earth Sciences New Zealand, confirming that in his view the Research Plan identifies the key areas where research is needed and presents a credible, staged approach expected to build knowledge and confidence in the outcomes of Gigablue's future activities.
- **A revised Economic Benefits Report** prepared by Insight Economics, incorporating additional analysis and refinements following expert review.
- **A memorandum from NZIER** confirming that the revised Insight Economics report has constructively and appropriately addressed NZIER's comments.

In addition, the DocSend includes the following supporting technical and scientific materials:

- **An Environmental Impact Assessment** prepared by Tonkin & Taylor, assessing the potential environmental effects of the proposed MCFS activities and the measures incorporated to avoid, remedy, or mitigate potential impacts.
- **A benthic threshold study** prepared by Earth Sciences New Zealand reviewing dissolved oxygen and particle deposition thresholds for deep-sea ecosystems and identifying environmental thresholds and monitoring considerations relevant to the proposed activities.

- **A dissolved oxygen modelling assessment** evaluating the potential effects of substrate decomposition and remineralisation on deep-water oxygen concentrations under a range of deployment and oceanographic scenarios.
- **A technical paper** prepared by Tonkin & Taylor and Earth Sciences New Zealand describing the distinctions between MCFS and Ocean Iron Fertilisation (OIF), including differences in mechanism, environmental pathways, and carbon sequestration outcomes.
- **An In-Situ Monitoring, Reporting and Verification (MRV) Protocol** outlining the operational, scientific, and environmental monitoring framework proposed for future research activities.
- **A technical report** responding to the questions and information requests raised by the Ministry for the Environment regarding efficacy, environmental effects, monitoring, carbon accounting, and scientific evidence.
- **The Puro.earth MCFS Methodology**, which establishes the eligibility, monitoring, quantification, environmental safeguard, and verification requirements for carbon removal activities conducted under the MCFS framework.
- **A memorandum, "Innovation and Data for Climate Change Solutions"**, prepared by 9(2)(a) (Kauati), summarizes the engagement between Ngāi Tahu and Gigablue and the relevance of Gigablue's research activities to climate innovation and monitoring in New Zealand.

We believe that these materials address the information requests discussed during our March meetings and provide a comprehensive package of the scientific, environmental, economic, and technical information requested by the Ministry.

We therefore hope that the Ministry now has the information required to consider the pathway outlined in our email of 29 May, 2026 and the Stakeholder Information Document. We would welcome the opportunity to discuss the Ministry's views and any potential next steps.

Please let us know if any additional information would be helpful, or if you would like to discuss any aspect of the updated materials.

Kind regards,

Sharon

Sharon Naveh

VP Regulatory Compliance // Gigablue