

From: Shane Geange <sgeange@doc.govt.nz>
Sent: Tuesday, 2 June 2026 4:22 pm
To: Debbie Freeman [EXTERNAL]; Matt Adams
Cc: Sarah Reader; Sarah Hucker
Subject: RE: **CLASSIFICATION** Agency consultation - advice on Gigablue

Kia ora Matt –

Thanks for sharing this, like Debbie I don't have any substantive comments, it's a well written paper and covers the main issues. If you are able to, I would be keen for a download/update on the ministerial decision once that has been made.

Thanks again for keeping me in the loop on this.

Cheers | Ngā mihi, Shane



Shane Geange

Principal Science Advisor, Marine | Pou Matua Pūtaiao-Ahumaona
Conservation House | Whare Kaupapa Atawhai
Phone: 9(2)(a)

Please note I work from home Thursday and Friday.

DOC Marine Ecosystems Research Programme <https://www.doc.govt.nz/our-work/mpas-research-programme/>

From: Debbie Freeman <dfreeman@doc.govt.nz>
Sent: Tuesday, 2 June 2026 11:58 am
To: Matt.Adams@mfe.govt.nz
Cc: Sarah Reader <sreader@doc.govt.nz>; Shane Geange <sgeange@doc.govt.nz>; Sarah Hucker <shucker@doc.govt.nz>
Subject: FW: **CLASSIFICATION** Agency consultation - advice on Gigablue

Kia ora Matt,

I hope all is well with you.

Your paper was passed on to me for review via Ange and Sarah Reader (Marine Policy Manager).

From a policy perspective we don't have any substantive comments. We think the paper appropriately recognises the challenges and risks with creating a more enabling system for Gigablue's activities, including the significant uncertainty regarding effectiveness and potential environmental risks, 9(2)(h)

9(2)(h)

Given wider marine interests, creating a carve-out in the system for this specific activity seems inefficient, but the unproven effectiveness and potential for adverse environmental effects are the key issues associated with this activity from our perspective (and have been well-canvassed in the paper).

Thanks for the opportunity to review,

Debbie.

From: Matt Adams <Matt.Adams@mfe.govt.nz>

Sent: Thursday, 28 May 2026 3:45 pm

To: BRIGHTON, Claire (LGL) <Claire.Brighton@mfat.govt.nz>; AL-JEBOURI, Tabby (LGL) <tabby.al-jebouri@mfat.govt.nz>; Jillian Dempster [EXTERNAL] (MFAT) <jillian.dempster@mfat.govt.nz>; Eugene Rees [EXTERNAL] (MPI) <Eugene.Rees@mpi.govt.nz>; Ange Bell <abell@doc.govt.nz>; Sarah Hucker <shucker@doc.govt.nz>; Shane Geange <sgeange@doc.govt.nz>

Cc: Bonnie Hartfield <Bonnie.Hartfield@mfe.govt.nz>; Katie Mattera <Katie.Mattera@mfe.govt.nz>; Zach Andrew <Zach.Andrew@mfe.govt.nz>; David Falconer <David.Falconer@mfe.govt.nz>

Subject: **CLASSIFICATION** Agency consultation - advice on Gigablue

Hi All,

I am sharing a draft briefing on the barriers to Gigablue's marine carbon dioxide removal technology called MCFS. We welcome any thoughts and feedback on this by **4 June** with delivery due to Ministers on **10 June**.

By way of background, MfE provided Minister Simmonds and Minister Watts some advice on mCDR in December 2025. This eventually led to a request for information on the regulatory barriers to MCFS.

9(2)(h)

Eugene, there are some risks and uncertainties related to ocean fertilisation technologies which could have a significant impact on fisheries. We are interested in your take on these risks.

Angela and Sarah, I think you may be aware of Gigablue and their activities. Shane, we have spoken about GB in the past, so including you for your information. Welcome any thoughts you may have.

9(2)(h)

Appreciate any insights and comments you may have,
Cheers,

Matt

Matt Adams

Senior Advisor | Kaitohutohu Matua - Kaupapahere

Mauri Moana

Natural Environment Policy | Te Rōpū Te Whakahaere Taiao me te Urutau

Ministry staff work flexibly by default. For me, this means I do not work every second Friday.



Ministry for the
Environment
Manatū Mō Te Taiao