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Carbon Neutral Initiative
Mr. P.P. Laarhuis & R. van der Luijt
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Geological Survey of The Netherlands

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Subject

Letter of Intent – enhanced silicate weathering pilot projects

Date

20 October 2021

Our reference

SV-036085-02me

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Dear Mr. Laarhuis and Van der Luijt,

To combat climate change, it has become increasingly clear in the past years that not only reduction of CO₂ emissions should occur but also negative CO₂ emissions should be realised. There are several emerging technologies for this and one of them is Enhanced Silicate Weathering.

It is with great interest that TNO was informed about your start-up company that aims to stimulate carbon removal by enhanced silicate weathering. TNO Geological Survey of the Netherlands which is part of the TNO unit Energy Transition also has an interest to perform applied research on enhanced silicate weathering. As a geological survey, we have a strong interest in geo-based CO₂ removal technologies. We have been working on Carbon Capture and Storage for about 30 years and we broadened our scope more recently to Enhanced Silicate Weathering. This fits well in the general goals of TNO, that wants to contribute to solutions for a sustainable society by means of applied research where we focus on developing system solutions and creating innovation ecosystems.

The General Terms and Conditions for commissions to TNO, as filed with the Registry of the District Court in the Hague and with the Chamber of Commerce and Industry in The Hague, shall apply to all commissions to TNO.

Our General Terms and Conditions are also available on our website www.tno.nl. A copy will be sent upon request.

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Page

2/2

We are highly interested to perform research activities in pilot projects in Suriname on Enhanced Silicate Weathering in cooperation with your start-up company. We want to use a sustainability perspective in such research activities. This implies that attention is paid to both the potential positive impacts of the technology and also the potential negative impacts. The feasibility of Enhanced Silicate Weathering as negative CO₂ emission technology becomes fully addressed in such a way.

This letter of intent is governed by Dutch law and any dispute arising out of or in connection with this commitment letter that cannot be settled in an amicable manner shall exclusively be referred to the competent courts of The Hague.

Our colleagues dr. Joris Dijkstra (joris.dijkstra@tno.nl) and prof. Jasper Griffioen (jasper.griffioen@tno.nl) can be approached for further initiatives to realise the pilot projects in Suriname that are currently foreseen.

Looking forward for a fruitful cooperation.

Yours faithfully,

Drs. Denise Maljers,
Research Manager
Department Geo-Modelling
TNO Geological Survey of the Netherlands