
GREEN
SEQUEST
Carbon
captured
in stone.
For life.

PROBLEM

To stop climate change reducing emissions is not enough.

We need to remove 5-10 gigatons of CO_2 per year to achieve net-zero greenhouse gas emissions by 2050.

We are at 0,000004% of the volume we need in 2050.

There is still a limited number of cheap, scalable and verifiable solutions to remove large quantities of CO_2 from the atmosphere

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SOLUTION

We remove CO_2 from air, store it, quantify and sell carbon credits to companies using marketplaces, intermediary platforms and direct sales.

We use Enhanced Rock Weathering to remove and permanently store CO_2

We use the rock in large scale applications in agriculture.

We cover sourcing serpentinite, milling, transport, spreading over fields, MRV(measurement, verification and reporting)

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HOW DOES IT WORK

Rock weathering is a natural process, but without our interventions it takes thousands of years.
We make large-scale removal of CO_2 from the atmosphere possible

First we **increase the capturing surface area** of antigorite serpentinite by crushing an milling the rock

Then we use **thermoactivation technology to accelerate the process** of capturing and locking CO_2 in serpentinite

Finally we use the rock in **large scale applications in agriculture** (serpentinite is a great fertilizer rich in magnesium and other micronutrients essential for plants growth and quality

Total Carbon Dioxide Removal purchased in 2022**: 592,969 tonnes**

Carbon Dioxide Removal purchases grew by:

- **337% in 2021**
- **533% in 2022**

This is in large part due to large "**pre-purchase" agreements**, in which buyers and suppliers commit to long-term contracts for carbon removal in future years.

MARKET

Demand for CDR is likely to **increase by up to 100x by 2050**, creating trillion dollar market (assuming a price of 100USD/tCO2 removed)

The current carbon credit market is dominated by low-quality credits (mainly avoidance/reduction).

More and more companies are looking for **high-quality credits that are generated from removals.**

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VALUE PROPOSITION

High removal ratio of serpentinite

Solution that does not require advanced technologies

High scalability potential

Permanent solution: carbon is locked for +10,000 years

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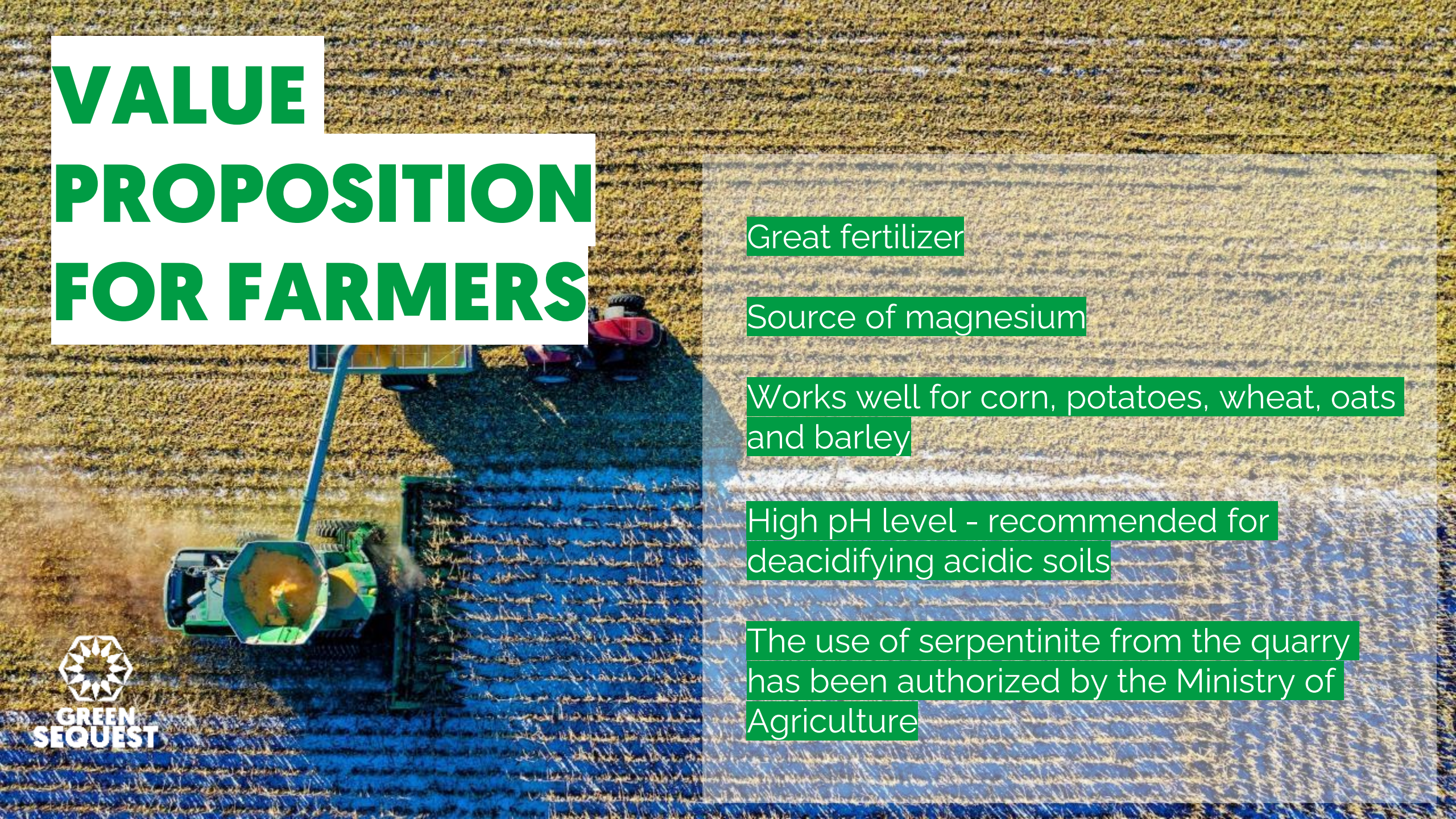
VALUE PROPOSITION FOR FARMERS



- Great fertilizer
- Source of magnesium
- Works well for corn, potatoes, wheat, oats and barley
- High pH level - recommended for deacidifying acidic soils
- The use of serpentinite from the quarry has been authorized by the Ministry of Agriculture

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TEAM

25+ years experience in mining industry, mineral processing and refining, geochemistry and mineralogy

experience in the implementation of business projects of various sizes and industries: construction and development, software, marketing solutions, creative industries

Mirek Kotowski CEO

Adrian Podgórny COO

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