

A crucial need for carbon accounting solutions

REGID International's mission is to support organizations in measuring biomass carbon accurately and cost effectively for in forestry projects (Afforestation/Reforestation).

The challenge of stabilizing climate change will require that we remove carbon from the atmosphere, through cost effective and well documented carbon capture processes. For over 15 years now, the carbon market has considerably grown as large corporations have increased their purchases of voluntary carbon offsets dramatically.

+75% Increase of the price of ton of carbon since 2017, from 5,4€ to 20,81€ in 2021 (EUA)

These practices contribute significantly to the expansion of forestry programs. But as purchases of carbon have increased, so has the need for accurate 3rd party data to ensure that offsets are real and are durable over time.

An engineering impact development company

REGID International accompanies NGOs, governments, private sector and development agencies in tracking landscape biomass carbon programs and business design of carbon programs for environmental restoration. We have developed a climate accounting technology that is user friendly and cost effective in comparison to conventional methodologies.

REGID International's clientele includes international organizations working in forestry/natural regeneration restoration programs. Our team of engineers has supported the World Agroforestry Center (ICRAF), World Bank, World Vision Australia, Plant With Purpose and UNEP.

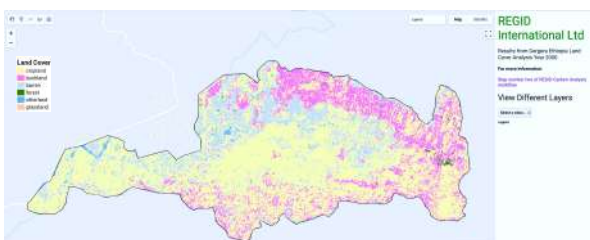
A remote technology for a sustainable future

In partnership with Global Good (co-founded by Bill Gates and Intellectual Ventures), REGID International has developed in 2018 a cutting-edge biomass carbon accounting technology.

This technology leverages on very high resolution satellite imagery to track change in biomass carbon remotely. The applications include:

- Change in biomass carbon accumulation on landscapes overtime;
- Development of targets for restoration on carbon accounting in restoration program design
- Demonstration of additionality for forestry carbon credits programs

177 m tons of carbon sequestered analyzed with the biomass carbon technology



Over 15 million hectares have been assessed globally through this technology for afforestation and natural restoration programs.



High precision accuracy biomass carbon accounting technology

Currently under approval by Gold Standard, the carbon technology can track carbon emissions reductions at a precision of 20cm to 30 cm. This is the highest accuracy that can be found among all conventional carbon tracking technologies.

0.2- 0.3 m Our technology has 10x better precision accuracy for biomass carbon tracking than the conventional biomass carbon tracking technologies of 30 m

Summary of the technology

We train Machine Learning image processor to recognize tree cover density as a proxy for biomass carbon in very high-resolution satellite imagery using training data that has been gathered in situ or via visual interpretation. We use this analysis to develop a dashboard for tracking biomass carbon projects over time at a global scale.

A cost-effective solution

Our carbon technology significantly reduces the unique cost of tracking biomass carbon. In a typical 100k hectares project, our solution brings the cost of carbon monitoring to \$149,300 USD while it would reach \$505,000 USD with other technologies.

-70% Cost of operations with the REGID carbon technology comparing to current technologies

Unlike existing technologies, our technology is fully remote and do not require any collection of data on site. In addition, the technology has been developed on open-source platforms, reducing considerably the cost of data collection. Finally, it is highly customizable to project contexts and can be transferred easily from one user to another.

The market opportunity

According to forecasts, the price of the ton of carbon on the carbon market is likely to further increase in the future, reaching \$35 to \$80 USD by 2030. Our solution will be more demanded considering its scalability, its cost-effectiveness and its high accuracy comparing to conventional technologies.

REGID International is currently seeking funding to automate the the technology, completing the methodology approval with carbon registries, operational development and registration of the company in US / Europe.