
Advancing the Carbon Market for Regenerative Agriculture with Sargassum-Based Compost

2020 was a successful year. We have been able to produce and sell Grogenics' bio organic fertilizer compost to surrounding private gardens, farms, etc. + a team of 10 women and 4 men (8 joined the initial 6) in the community of Miches have had exceptional results in growing quality organic crops. Let's now tackle the next step. / Insetting Carbon Program Part II, *January 2021*



Carbon Sequestration on a larger scale

In 2021, one of our main focus areas will be identifying a pathway to certify our project under Verified Carbon Standard's (VCS) VM0042 Methodology for Improved Agricultural Land Management, v1.0. Building on the preliminary organic soil carbon baseline assessments performed in 2020, we plan to conduct rigorous soil sampling at our pilot sites currently under cultivation to determine the degree to which soil building activities have occurred over the course of a single year.

This information will be used to develop a regional model in order to make projections concerning carbon sequestration and storage using biointensive techniques and improved tillage practices within existing cultivated areas. While our sargassum-based compost will gradually decompose over time, we are seeking to better understand the creation of stable carbon pools and their longevity. This information will be critical to preparing project description documents required for registration and validation by VCS. In addition to these efforts, we will explore other certified methodologies that may be more applicable and/or cost-effective for the generation of certified carbon credits using sargassum-based compost.