



Solar Panels: Supplementing climate smart technologies with solar power will reduce need for electricity. Allows for a robust backup in case of grid downtime which helps the project in the long run.

Indoor Farming: Vertical Farming provides a method of growing food that is not dependent on location, land, or climate. Plants are grown suspended in nutrient rich water and photosynthesize using LED lights. Vertical Farming also decreases the ever-growing risk of natural disasters on our food sources.

Rainwater Capture: Rainwater Harvesters along with rainwater tanks will be installed to efficiently capture, filter and enhance rainwater to be used for the indoor growing facility. The robustness increases due to less reliance on local water systems while reducing the load on those systems.

Refurbished Historic Building: By restoring dilapidated school buildings and other large historic structures, we can remove blight from communities, spark revitalization efforts, and increase the local tax base. We believe the historic infrastructure in rural communities are the key to the next generation of farming, and we aim to create competitive jobs and further workforce development through educational programs.

Recycled Ammonia: Vegg Inc. plans to partner with MOVA Technologies Inc., a Climate-Tech company specializing in capturing and harvesting contaminants from polluted air. Vegg Inc. will offer the only fossil-fuel free vertical farming facility due to the ability to use recycled CO₂ instead of burning fossil fuels for the CO₂ necessary to optimize plant growth. In addition, ammonia captured from indoor livestock operations can be used to fertilize the plants.