



EMPIRE STATE GREENHOUSES

Participant: Empire State Greenhouses, LLC

Location: Cobleskill, New York

Investment class: Real Assets

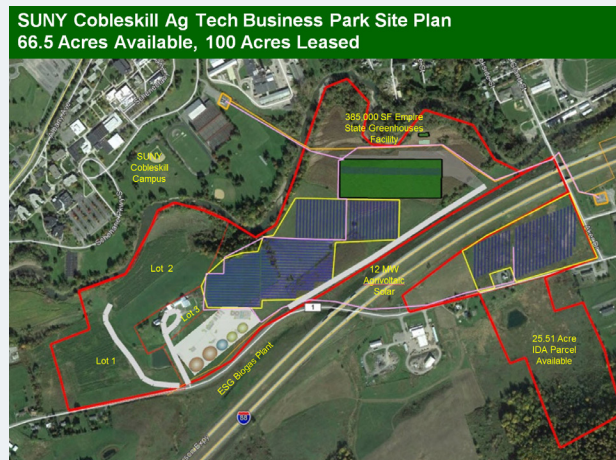
Amount to be financed: US\$90,000,000

The Project: Empire State Greenhouses, LLC (ESG) will mass-produce up to 50 different types of NY grown & certified organic crops year-round in 100% renewable energy-powered greenhouses. ESG integrates and scales Controlled Environment Agriculture (CEA) technology with renewable energy to mass produce fruiting crops, leafy greens, herbs, and mushrooms at a higher quality than Certified Organic. This “organic crop factory” will be 95-99% water efficient and will utilize the following proven renewable energy technologies: Biogas Digester (1.8 MW); solar PV (12+ MW); LED grow lights; Energy Storage; and Combined Heat & Power (2+ MW). ESG has executed a long-term lease-to-own agreement with SUNY Cobleskill Auxiliary Services for approx. 80+ acres of land in a START-UP NY partnership. The initial 385,000-square-foot structure (more than 782,000 square feet of vertical growing space) will have three modular greenhouse units, mushroom caves, and a processing and packaging facility. The Biogas digester will convert dairy farm waste into natural gas and will provide additional revenue streams including tipping fees, RIN/LCFS credits, natural gas, and digestate. This will also benefit local dairy farms (NY is the third largest dairy producer in the US) struggling to comply with livestock waste disposal regulations.

ESG Outcomes:

- Nutrient reduction
- Carbon sequestration
- Environmental certification of land
- Groundwater recharge
- Protection and restoration of streams and wetlands
- Energy Saved

For more information, contact:
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Alignment with UN Sustainable Development Goals:

