



GLYNWOOD

Center for Regional Food and Farming

Glynwood's mission is to ensure the Hudson Valley is a region defined by food, where farming thrives.



Laura Lengnick, Director of Agriculture
Scaling Regenerative Agriculture in the Northeast
Community Food Funders Webinar Oct 12, 2021








Climate Solutions in Food and Farming?



Training Farmers
Empowering Changemakers
Creating Coalitions
Local Food for Every Table

Climate Solutions in Food and Farming?

DRAWDOWN

Rank	Solution
1	Refrigerant Management
2	Wind Turbines (Onshore)
 3	Reduced Food Waste
 4	Plant-Rich Diet
5	Tropical Forests
6	Educating Girls
7	Family Planning
8	Solar Farms
 9	Silvopasture
10	Rooftop Solar
 11	Regenerative Agriculture
12	Temperate Forests
13	Peatlands
14	Tropical Staple Trees
15	Afforestation
 16	Conservation Agriculture
 17	Tree Intercropping
18	Geothermal
 19	Managed Grazing
20	Nuclear

Some of the most cost-effective climate solutions involve changing the way we eat.

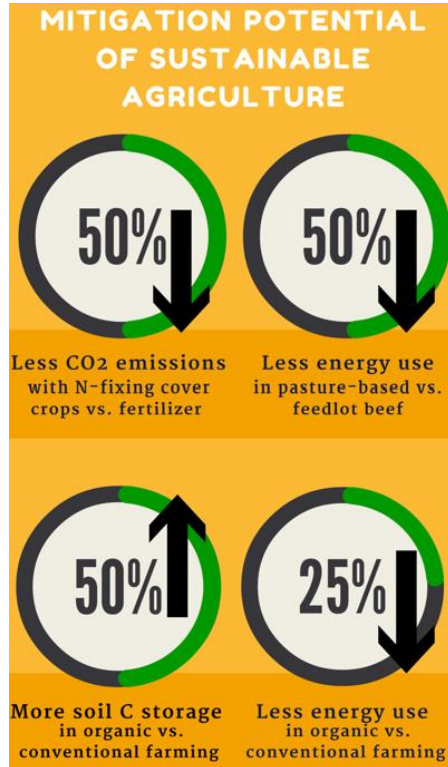
- Shift to a plant-rich diet
- Stop wasting food
- Manage land to capture and store carbon from the atmosphere in plants and soils

Regenerative agriculture uses ecological blueprints to:

- generate food, fiber, and other agricultural outputs while restoring the original ecology of a region
- deliver soil health, carbon sequestration, improved water cycles and an endless list of other ecological regeneration benefits that **support ecological, social, economic and spiritual regeneration of a region**

Regenerative Agriculture Alliance. What is Regenerative Agriculture? 2020

Climate Solutions in Food and Farming?



Regenerative, Carbon-Farming, Climate-Smart, Carbon-Negative, Organic, Agroecology, Sustainable and Conservation farmers all depend on a small set of sustainable agriculture practices to reduce the carbon footprint of their operations and promote, more or less, the health and well-being of land, people, community.

Climate Solutions in Food and Farming?

Reduced Tillage



Cover Crops



Intensive Grazing

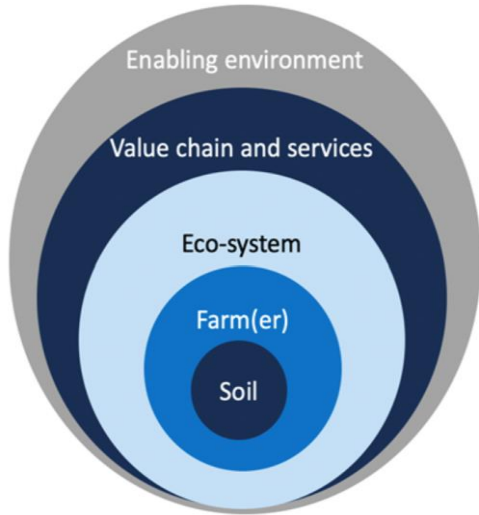


Agroforestry



Climate Solutions in Food and Farming?

Many farms and other food businesses are eager to invest in climate solutions, but it is risky and expensive to make the shift to new practices.



- Barriers to adoption
 - Low, slow ROI
 - Ineligible for financing
 - Lack of market incentives
- Public conservation funding meets only 20 to 50% of demand (\$1.5 B shortfall in FY 2019)

Climate Solutions in Food and Farming?

Glynwood is partnering with farmers and other organizations to overcome these barriers in the Hudson Valley and beyond.

- Scenic Hudson/Northeast Carbon Alliance
- Hudson Carbon/Hudson Carbon Exchange
- Glynwood/Farm Business Incubator
- Zero Foodprint