A Collaborative Economic Model
Match Milk Supply and Product Demand
The Carbon Neutral Dairy Farming System

Methane Digesters
+ Pastureland Carbon Sequestration (Carbon Farming)

Reducing Enteric Methane
By feeding red seaweed (Asparagopsis Taxiformi)

On-Farm Renewable Energy / Electric Farm Vehicles
Grasslands Are More Reliable Carbon Sinks Than Forests

1. Grasslands and rangelands are more resilient carbon sinks than forests in 21st century California because they are impacted less by droughts and wildfires.
2. Grasslands that promote reliable rates of carbon sequestration may help meet the state’s emission-reduction goals.
3. Even greater climate change benefits through sustainable organic farming, and if carbon farming practices and on-farm renewable energy practices are implemented.

Source: UC Davis
Carbon Farming Benefits Pasture Yields

Pasture Fields 3 & 4 - Carbon Farmed

2013 First Compost Application

Dry Weight Grass Per Acre
Linear (Dry Weight Grass Per Acre)