



Together Toward a Sustainable Future

Community Care Programs

From *source-to-table* connecting urban, suburban, and rural communities by a just, responsive, and sustainable food web economy as a foundation for resilient regional economies.

Together, these complementary programs support the operations of a locally adapted food web system designed to meet the demands of food, water, and climate. The food web's circular stewardship economy will benefit the employees and the communities of each region and nurture health and well-being.

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Climate Emergency Preparation & Recovery

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Introduction

The purpose of Community Care Programs is to support the operations of robust, decentralized, coordinated food web system designed to create the economic and ecological conditions capable of generating and maintaining local capacity to source, preserve, deliver, and store food within our communities while also caring for the health of ecosystems.

This set of complementary [Community Care Programs](#) can be adapted to any region. Together, these programs offer local employment guided by this set of [Comprehensive Planning Goals which can be applied to any city, state, or region.](#)

Crucially, the programs and the food web system can be guided by the leadership of the array of local initiatives who responded to the absence of a just food economy in their communities. Their individual and collective work is a keystone in the economic infrastructure necessary to establish a robust food economy.

*The [Headwaters Community Food and Water Bill \(HF2881/SF2940\)](#) was written to provide the infrastructure required to create and maintain the food web economy outlined by the Community Care Programs.

Comprehensive Planning Goals: Resilient Local Communities

<i>Climate Readiness, Food and Water Security</i>	<i>Reference to City and County Plan</i>
<p>Objective: Establish every community as an economic engine for sustainable living by connecting rural, urban, and suburban communities to a decentralized regenerative energy, food, and water economies designed to sustain the health and well-being of all members and ecosystems and meet the demands of food, water, and climate.</p>	<p>Economic development Community resilience Health and Equity</p>
<p>1. Provide comprehensive and holistic economic infrastructure (public investment, policy, and trade) to create and maintain a locally adapted source to table regenerative food web economy as the anchor for every local community and bridge connecting rural to urban landscapes (see 1)</p>	<p>Economic development Community resilience Healthy communities</p>
<p>2. Establish neighborhood commons as primary resource for food sources, community engagement and learning. (see 1-Regenerative Food Web-objective).</p>	<p>Healthy Communities Equity</p>
<p>3. Identify and provide land for farms (see 1) and all necessary resources to advance capacity of local regenerative food sourcing and delivery</p>	<p>Land use, Economic development, and Equity</p>
<p>4. Create effective and efficient web of year-round operations for food sourcing, preparation, preservation, storage, delivery and eliminating waste (see 1 and 3)</p>	<p>Community Resilience Economic Development</p>

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<i>Climate Readiness, Food and Water Security</i>	<i>Reference to City and County Plan</i>
5. Provide all necessary resources for long-term research to capture local ecological knowledge (LEK), seed diversity, soil and animal science, and water systems.	Economic development Community resilience
6. Provide all necessary resources to restore health to ecosystems (see 1,3,4,7,8,9)	Land use, Resiliency
7. Identify and meet objectives for soil restoration, perennial landscape restoration, forest and pollinator habitats, landscaping for food sourcing and composting.	Land use Economic development
8. Identify and meet objectives for restoring health to all water systems.	Water Sources Community resilience, Equity
9. Identify and meet objectives for carbon capture through healthy soils, decentralized local regenerative food and energy sourcing, use of reusable containers within the food web economy and eliminating waste (food)	Economic development Community resilience, Health
10. Identify objectives for eliminating economic dependence on industrial food chain and its byproducts including greenhouse gas emissions, use of toxic chemicals, deforestation, long-distance transportation, processing and packaging, industrial farming (eg. feed lots, ecosystem contamination, dependence on monocrops).	Economic development Community resilience Equity, Land use, Water sources
11. Provide legal protection for public lands and local wild food sources (flora and fauna) to ensure the health of ecosystems.	Land use, Water sources, Equity Economic development
12. Create and implement community care programs to advance food web economy and a culture committed to care for local ecosystems including careers, vocations, arts, and science for all ages. (See 1and 2).	Economic development Community resilience, Equity
13. Create broad coalition of partners to obtain state and federal climate-readiness investments/subsidies to achieve stated objectives	Economic development Community resilience, Equity
14. Provide affordable healthcare and housing for employees in the food web.	Housing, health and Community resilience, Equity

Landscape Restoration

Description

Restore health to landscapes to build community capacity to manage energy regeneratively by caring for healthy ecosystems.

Register landscapes and water systems.

Assign a care team to initiate a 3–5-year restoration program designed to revive soil health as well as planting diverse locally adapted plants and trees. The restored ecosystem will provide a landscape for cultivation, grazing and foraging and supporting pollinators and wildlife.

Lead

Coordinates all activities to achieve the restoration program including evaluations and communication conducted by the Care Team and coordinate with the care team assigned to edible landscapes (fruits and nuts) and landscape restoration and maintenance.

Assistant

Works collaboratively with the Lead to manage the tasks of the care team.

Specialists

Botanist and Biologist

Provides year-round calendar of care for the trees, plants and pollinators registered in the landscapes identified for restoration: evaluations, prescriptions for care, documentation, and research coordination.

Team Members

Responsible for plantings, taking soil samples, tracking growth and working in collaboration with the leaders.

Research Team Members

Work collaboratively with the Care Team to conduct research on changes to soil composition (including water, microbes) and additions of edible plants throughout the 3–5-year cycle, document and communicate local ecological knowledge captured throughout the process within the team and the wider web.

Capacity Creation Team Members

Work in concert with the Care Team to identify and create new sites or expanding capacity of current sites (urban and rural restoration landscapes).

Farm Transformation

Description

For farms currently operating for the industrial system, the Farm Transformation Program provides a path to participate as members of the regenerative food web economy as a source for locally adapted food. To achieve this goal, farm sites will be enrolled in a combination of complementary Community Care Programs and work to revive the health of the farm's ecosystem, document the transformation, and participate in a program to learn regenerative cultivation and management.

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The three-part transformation process will begin with Landscape Restoration and Pollinator Landscape Programs (see program outlines). Part I will overlap with Part II as the farm team participates in the Learning program for regenerative cultivation and management. (see program outline) Part III will overlap with Part I and II as the farm site is reshaped to support regenerative food cultivation and management.

- Part I: Landscape Restoration, Pollinator Landscapes
- Part II: Learning-Regenerative cultivation and management
- Part III: Edible Landscapes, Delivery and In the Kitchen
- Resources as needed to build and operate all-season greenhouses, on site housing for farm employees, storage facilities, preservation operations, research on site

Members of the farm team include:

Lead Farm Transformation Manager

Coordinates all activities, evaluations, communication, and research conducted on the farm and coordinates farm team with all other web teams and programs

Assistant Farm Organizer I

Works collaboratively with the Lead to manage the tasks of the Farm team

Assistant Farm Organizer 2

Works collaboratively with the Lead to manage the tasks of the Farm team

***Members of the teams from the Community Care Programs
(Part I, II, III)***

Site assistants

Work collaboratively with Lead and Assistants and all other teams to implement the farm transformation programs

Thrive-Sustenance Farming

Description

For farms currently cultivating locally adapted food sources (fruits, vegetables, pasture raised meats and eggs, grains, nuts, fungi, etc.) the Thrive program provides a path to participate as members of the regenerative food web economy.

The purpose of this program is to provide a variety of resources to ensure that current and future producers can operate effectively, build capacity for cultivation and delivery of food sources within the food web economy.

To achieve these goals, the Thrive Program offers farmers a set of Community Care Programs and resources to operate 365 days a year.

Thrive Program includes:

- Pollinator and Edible Landscapes and Landscape restoration (as needed)
- Kitchen (farm based and community-based options)

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- Learning (regenerative cultivation and management)
- Delivery System and Research participation
- Resources as needed to build and operate all-season greenhouses, on site housing for farm employees, storage facilities, preservation operations, delivery systems

Members of the farm team include:

Lead Farm Manager

Coordinates all activities, evaluations, communication, and research conducted on the farm and coordinates farm team with all other web teams and programs

Assistant Farm Organizer I

Works collaboratively with the Lead to manage the tasks of the Farm team

Assistant Farm Organizer 2

Works collaboratively with the Lead to manage the tasks of the Farm team

Members of the teams from the Community Care Programs listed above

Site assistants

Work collaboratively with Lead and Assistants and all other teams to implement the farm transformation programs

Learning - Regenerative Cultivation

Learners enrolled in the program for regenerative cultivation will acquire a combination of skills and knowledge needed to work effectively in a regenerative farm ecosystem (urban, suburban or rural) including the source to table delivery system and transition from learner to apprentice to new farmer upon completion of the program. Members of the regenerative cultivation team include:

Lead Instructors

Coordinates all aspects of the learning programs working collaboratively with team members to ensure that the program is conducted effectively, meets objectives, and provides learners with tools and programs they need to be successful

Assistant instructors

Works collaboratively with the Lead to manage the learning program

Learning Support Team

Includes team members serving on site to manage the farm, conduct research, provide delivery, food preservation and emergency response and recovery services. This team provides comprehensive training to learners in their areas of service.

Farm Apprentice Program-Farmer guides

Learners will be paired with farmers as paid apprentices to continue their learning on site. Farmers serving as guides will be paid for the service they provide. They will supply apprentices with accommodations and

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board. Income and benefits will be provided by the funds for Community Care Program (Learning-Regenerative Cultivation).

Apprentice to New Farmer Program-Guides

Upon completing of apprenticeship program, learners will be offered a set of tools for acquiring land and financing for participating as members of the regenerative food web as farmers and programs to regenerate health and diversity of local landscapes. Guides will work collaboratively with farmers to ensure that they have the tools they need and assist with ongoing evaluation of system's operations from source to table.

Pollinator Landscapes

Description

Generate capacity and manage the pollinator landscapes (cultivated and wild) located in the food web.

Register trees, plants, and beehives.

Assign a care team to operate a year-round management system designed to ensure the health of the ecosystems document research, and coordinate planting, harvesting and delivery programs effectively.

Note: Registration on private land is voluntary.

Lead

Coordinates all activities, evaluations and communication conducted by the Care Team and coordinate with the care team assigned to pollinator landscapes and coordinates with teams assigned to edible landscapes and landscape restoration.

Assistant

Works collaboratively with the Lead to manage the tasks of the care team.

Specialists

Bee-Keeper-Apiarist

Provides year-round calendar of care for bees and hives registered in the neighborhood's landscape: (see description for role of botanist).

Preservation and Culinary Team Members

Responsible for preserving honey for future use and preparing for use (immediate).

Research Team Members

Responsible for documenting, evaluating and reporting on the site's operations and collaborating with other sites to provide comprehensive reporting annually and long term.

Capacity Creation Team Members

Work in concert with the Care Team to identify and create new sites or expanding capacity of current sites (urban and rural pollinator landscapes).

Edible Landscapes

Description

Generate capacity and manage the edible landscapes (cultivated and wild) located in the food web in rural, urban, and suburban landscapes.

Register trees and plants producing fruits and nuts.

Assign a care team to operate a year-round management system designed to ensure the health of the plants, document research, and coordinate planting, harvesting and delivery programs effectively.

Note: Registration on private land is voluntary.

Lead

Coordinates all activities, evaluations and communication conducted by the Care Team and coordinate with the care team assigned to pollinators/landscapes and landscape restoration and maintenance.

Assistant

Works collaboratively with the Lead to manage the tasks care team.

Specialists

Botanist

Provides year-round calendar of care for the trees and plants registered in the edible landscape: evaluations, prescriptions for care, documentation, and harvest.

Team Members

Deployed to sort, harvest, document and deliver sources to sites for purchase, preservation, serving, storage, compost, and emergency planning.

Preservation and Culinary Team Members

Responsible for preserving (drying, canning, fermenting, pickling) for future use and preparing for use (immediate-in season).

Research Team Members

Work collaboratively with the Care Team to track, document, and communicate local ecological knowledge captured throughout the process within the team and the wider web.

Capacity Creation Team Members

Work in concert with the Care Team to identify and create new sites or expanding capacity of current sites (urban and rural edible landscapes).

Neighborhood Commons

The Neighborhood Commons serves as a primary resource in the source to table regenerative food web system. In rural, urban, and suburban, landscapes, the Commons is designed to deliver multiple services and cultivate a culture of caring. The Commons features a delivery site for food sources, gathering space, a greenhouse and garden as well daycare for young children. Their signature greenhouses provide vital seed, plant, and food production as well as opportunities for learning, research, and celebration. Members of the Commons Team include:

Commons Director

Directs the overall operations of the site coordinating with the various team members and the directors of the Community Care Programs delivering services to the site

Site Manager and Assistant Managers

Work collaboratively with the Director to manage day to day operations of the site and Community Care Programs operating at the Commons

Communications Manager and Assistant Manager

Manages communications for the site and assists Director and Site managers with communications campaigns including reports from the greenhouse and kitchen

Community Organizer and assistants

Community organizer facilitates events and programs designed to cultivate community connection through learning and celebration. Coordinates with all other teams.

Greenhouse Team (managers and staff)

Directs operations of the greenhouse 365 days guided by the strategic plan for the greenhouse production and research. Coordinates with Community Care Programs (Kitchen, farm-learning, delivery, pollinator, edible landscapes), staff at other greenhouses, and local schools (k-post-secondary) to meet resiliency planning objectives. Offers learning space to public with guided and self-guided tours and classes for all ages.

Childcare Team

Provides daily childcare services for young children

Kitchen and Delivery Programs (see In the Kitchen and Delivery Programs)

Kitchen

Description

Establish kitchens located in neighborhoods designed and staffed to provide for daily and ongoing needs.

Operate kitchens year-round in a system designed to preserve foods in a timely manner, provide learning opportunities, engage in research, and deliver sources of prepared and preserved foods.

Lead

Coordinates all activities, evaluations and communication conducted by the Kitchen Team and coordinates with all other web teams (farms, gardens, wild landscapes, learning centers, delivery, research, emergency, and recovery).

Assistant

Works collaboratively with the Lead to manage the tasks of the Kitchen team.

Specialists

Chefs, Bakers, Preservationists

Provide 365-day service preparing all sources of food for daily use as well preservation including designing menus and using practices that eliminate waste and utilize reusable containers. Participate in evaluations and documentation to inform practices and delivery of food source to table.

Team Members

Team members staff the market for prepared and fresh or preserved foods available on site and at additional sites served by the kitchen. Manage the food sources with packaging and management designed to eliminate waste and provide reliable daily food sources. Coordinate with preservation sites and emergency prep and recovery sites as well as local businesses, schools, and community facilities.

Preservation and Culinary Team Members

Responsible for preserving (drying, canning, fermenting, pickling) for future use and preparing for use (immediate).

Research Team Members

Work collaboratively with the Kitchen Teams to track, evaluate document, and communicate knowledge captured in daily operations and long term.

Capacity Creation Team Members

Work collaboratively with the Kitchen Teams to track, evaluate document and communicate knowledge captured in daily operations and long term.

Delivery System

Description

Manage food from source to table with a delivery system located in neighborhoods designed to and staffed to serve every site effectively on a daily basis.

Assign delivery teams a set of sites and tasks.

Lead

Coordinates all activities, evaluations and communication conducted by the Delivery Team and coordinates with all other web teams (farms, gardens, wild landscapes, learning centers, storage, research, emergency, and recovery).

Assistant

Works collaboratively with the Lead to manage the tasks of the Delivery team.

Specialists

Storage Site Manager

Manages the storage and delivery site and coordinates communications and daily inventories of all goods providing timely information and services to meet the community needs and goals.

Reusable Containers Services (RCS) Manager

Manages all components of the source to table system for using reusable containers providing an effective feedback loop to track the manufacture, use, and delivery of reusable containers. Coordinate with all sites (farms, gardens, kitchens, emergency prep and recovery, businesses, schools and community facilities, restaurants).

Team Members

Working as directed by the managers, responsible for all operations of the sites and services preserving and participating in evaluations and documentation to ensure effective services.

Research Team Members

Work collaboratively with the Delivery and RCS teams to track, evaluate, document, and communicate knowledge captured in daily operations and long term.

Capacity Creation Team Members

Work collaboratively with the Delivery and RCS teams to track, evaluate, document, and communicate knowledge captured in daily operations and long term.

Climate Emergency Preparation & Recovery

Description

To manage the demands of climate, every community needs a comprehensive approach to preparing and recovering from emergencies. To be successful:

1. Resources and services must be generated from sustainable sources, maintained effectively, staffed by professionally trained city/county employees and available universally.
2. Community members need to be informed, receive training and be able to participate effectively in planning and participating in the program.
3. Designed to be fully funded as a part of every community's resiliency program and cultivate neighborhood collaboration within urban areas and between urban and rural communities.

Features of the program include but are not limited to providing:

Daily Necessities available in neighborhood

Food and Water sources:

Portable, accessible sources (decentralized to provide access).

Communication Services

Charging stations for mobile phones, batteries, broad band communication and notification.

Energy Sources:

Generators, solar-powered lamps and lights, heat and cooling, replacement batteries.

Transportation Sources

Adapted to the types of emergencies (flooding, tornado, etc).

Medical Resources and Services

Personnel and medical equipment and medications and delivery system.

Clothing

Toiletries and supplies for baby and childcare

Evacuation Sites/and Communities prepared to assist with needs

Partnership communities identified as part of a long-term economic strategy for managing common needs in advance (Network of Sister Cities and Counties).

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Shelters and Recovery Resources

Equipped to provide comprehensive services for daily necessities including sufficient staff capable of meeting needs.

Recovery plans outlined in advance of emergencies.