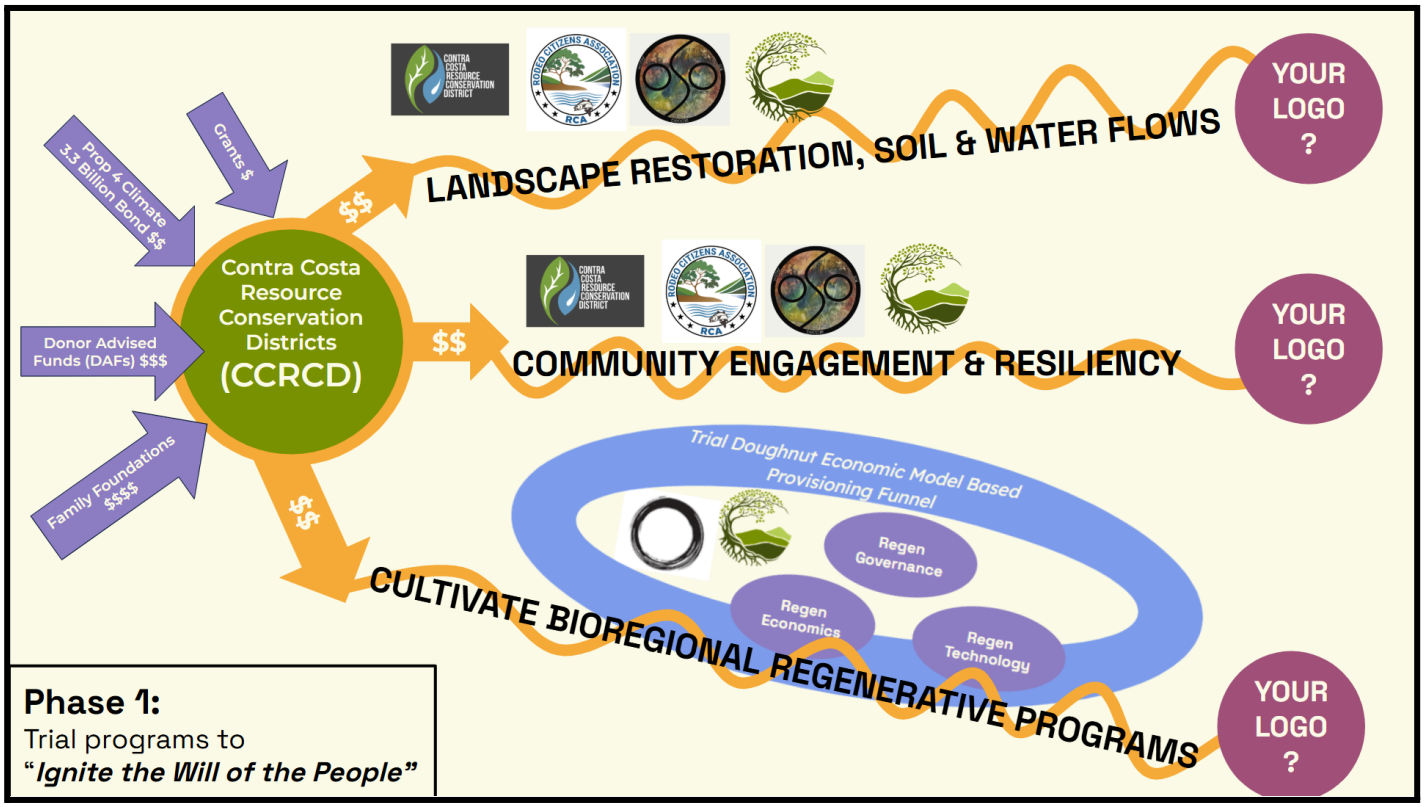
DISCLAIMER

January 1, 2026

The following proposal is under review by our primary stakeholders, the Rodeo Citizens Association (RCA) and the Contra Costa Resource Conservation District (CCRCD), who own and steward a 5.3 acre site, in a California Disadvantaged Community (DAC), located along the coast of the San Pablo Bay, which connects the San Francisco Bay to the Bay Delta Estuary. Both organizations have Board Meetings in mid-January 2026. I, Tracey Rogers Brandt, am an Associate Director (non-voting) on the CCRCD Board.

In advance of their review and approval, I am sharing a draft copy discreetly, in order to begin **soliciting collaborators, funders and support, for an integral infrastructure piece, of the nature based system prototype, which is detailed in Appendix A .02, and called a "Neighborshed."**

The pilot program, with a pro-social, nature based digital ecosystem platform, enables piloting a regenerative economic and governance model that could become a fractal for a Bioregional Regeneration Movement, grounded in care and service of local, regional, bioregional and planetary ecologies, or Biosphere Processes.



For 3 years and counting I've been “cursed” with a vision around "Neighborsheds" as a transformation pathway and bridge, to a new world where economy and governance is driven by restoration and ensuring regenerative longevity, of our Biosphere Processes, as opposed to the Modernity Matrix driven by acquisition of power and money, often for sport. With the "Rodeo Project" I think I have stumbled upon something that could be a force multiplier and cultivator, for building what I call a "**Neighborshed” which could become a Bioregional Regeneration Nature Based Ecosystem**."

~Tracey Rogers Brandt ,tracey@circularpatterns.com

- ➔ linkedin.com/in/tracey-rogers-brandt/
- ➔ https://www.circularpatterns.com/

Rodeo California Pilot Program Proposal

This is a proposal to form and fund a collaboration, to expand landscape and watershed restoration work happening in a California Disadvantaged Community (DAC), and also trial emergent programs to engage, activate and support hyper local communities becoming resilient and regenerative, in the face of unprecedented negative impact from climate change, in the years ahead.

This proposal is presented by the below organizations in hopes of igniting interest in funding a systems based approach, to scalable change making, anchored in connecting neighbors to restore and regenerate hyper local water flows and soil health, in urban and suburban communities.

December 19, 2025

Drafted By:
Tracey Rogers Brandt with support from Charles Upton

Presented By:



Introduction

This document outlines a proposal for a pilot, designed to support the expansion of landscape restoration work underway at a 5.3 acre site in Contra Costa County California, that was the Rodeo Swim Club property, at 861 Laurel Court, in unincorporated Rodeo California, until it closed in the 1980's. **This is a proposal to expand existing landscape conservation and community engagement programming and build upon the 2008 Rodeo Creek Watershed Masterplan, updated in 2023, while also prototyping regenerative frameworks and collaborative pilot programs, whose objective is to build resilient urban communities ready for whatever arrives in the years ahead.**

The site, known as Laurel Court Community Garden, is owned and managed by the Rodeo Citizens Association (RCA) and in 2025, RCA began planning and building a community garden in partnership with the Contra Costa Resource Conservation District (CCRCD), their staff, and RCA volunteers. To date, work at the site has been funded by small grants and donations from the neighboring Phillips 66 refinery, which operates on roughly 37%, of the nearly 3,000 acres, of unincorporated Rodeo.

CCRCD began work at the site in 3Q25, after three plus years of weed abatement and fire reduction work by RCA, who acquired the property from Contra Costa County in 2024.



Background

The Rodeo Citizens Association (RCA) is a non-profit environmental organization with the primary purpose of providing a means, for the citizens of Rodeo, to address issues of local concern with respect to health, safety, and the environment. RCA's primary activity is focused on promoting responsible use of land and natural resources around the community, and to engage in community outreach activities involving education and awareness of environmental protection issues impacting the region.

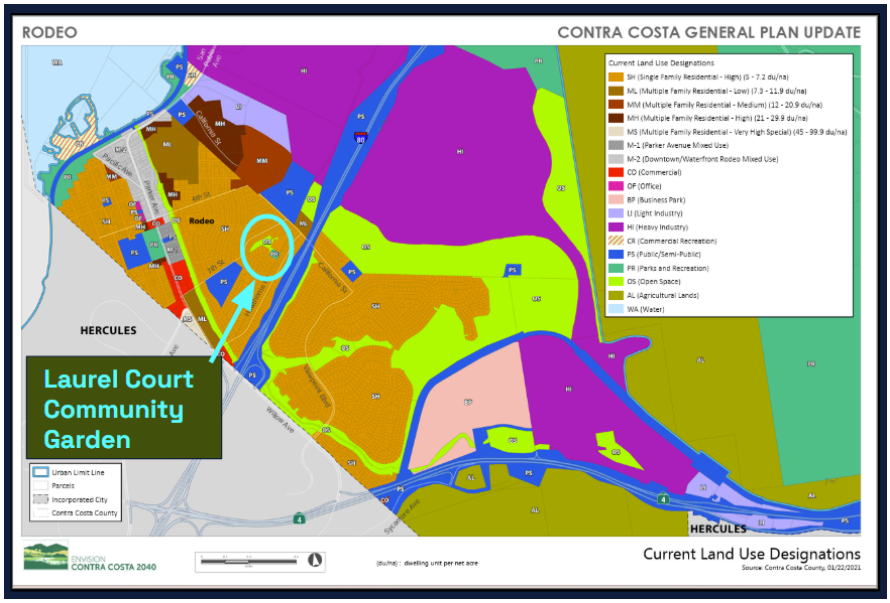
Rodeo, with an estimated population of 9,334, qualifies as a Disadvantaged Community (DAC) under California SB 1000, because it is a low-income area disproportionately affected by environmental pollution and hazards. Rodeo residents face significant pollution and health impacts, including high rates of asthma, low birthweight, and proximity to industrial sites. The site is one of the few undeveloped areas of the lower Rodeo Creek Watershed, making it a valuable site for habitat and restoration.

Rodeo Hazards and Vulnerabilities Summarized:

Based on the Contra Costa County Vulnerability Assessment

Hazards	Major Vulnerabilities
Air Quality	Cost-burdened and low-income households are vulnerable to coastal flooding, drought, extreme heat, flooding, human health hazards, severe storms, and wildfire.
Coastal Flooding	Persons with chronic illnesses are vulnerable to air quality, extreme heat, and human health hazards.
Drought	Railways, including the Capitol Corridor Amtrak line, are vulnerable to coastal flooding, flooding, landslides, and seismic hazards.
Extreme Heat	Wastewater treatment plants and services are vulnerable to coastal flooding, flooding, landslides, seismic hazards, and severe storms.
Flooding	Government and commercial buildings are vulnerable to coastal flooding, flooding, landslides, seismic hazards, severe storms, and wildfires.
Human Health Hazards	The Phillips 66 oil refinery is vulnerable to coastal flooding, flooding, landslides, and wildfires.
Landslides	Public safety response, public transit access, and solid waste removal are vulnerable to coastal flooding, flooding, landslides, severe storms, and wildfires.
Seismic Hazards	
Severe Storms	
Wildfires	

Rodeo Current Land Use Designations



Opportunity

The disadvantaged coastal community of unincorporated Rodeo California, supported by both the RCA and Contra Costa RCD, is uniquely sized, geographically located, and deserving of beneficial restoration and regeneration pilot projects that support community centric programs for restoring soil health, water flows and connecting neighbors.

The 5.3 acre Laurel Court Community Garden site, owned by RCA with restoration happening now, presents an opportunity for a novel collaborative incubator, to trial and test efficacy of community engagement and activation programming, supported by technology to enable gamification of care and service, while facilitating community building and connection.

A funded pilot that expands landscape and watershed restoration work at Laurel Court, also provides a place and community, for piloting programs designed to "***ignite the will of the people***", to become aware of collapsing modern constructs and activated to help make change happen at speed and scale.

Our thesis is that an activated community can work together to recontextualize daily life, to support local, regional and planetary ecologies. Practices leading to recontextualizing include restoration of soil health and water cycles, working together with their neighbors, and growing healthy soil, food, community connections, and hyper local resiliency.

This proposal could be considered phase one, with future phases to be detailed and funded based on outcomes of phase one pilot programs. For example:

> **Phase 1:** Trial programs to "***ignite the will of the people***," via participatory greenscaping programming, both onsite at Laurel Court and offsite, in the front yards of neighbors residing around Laurel Court.
>
> **Phase 2:** Expand trial programs to additional locations in Contra Costa County, refining and evolving based on Phase 1 learning at RCA's Laurel Court, which becomes a showcase of bioregional regeneration and what is possible from supporting community centric, led and managed programing, to connect neighbors around restoring soil health and water flows.
>
> **Phase 3:** Expand to Alameda County and additional locations in California's Bay Delta Bioregion, that includes thirteen counties.
>
> **Phase 4:** Expand as far and wide as interest and funding allow via enabling a unified and decentralized mycelial network, that unifies communities interested in this work.

Program Objectives

The primary goals of Phase 1 of this pilot program are as follows:

1. **Landscape Restoration**

    a. Soil health, measured by increases in soil microbiology, soil organic matter and water retention capacity.

    b. Water catchment and storage to build a soil sponge, activate the small water cycle and the “biotic pump”

    c. Flora and fauna biodiversity including focus on native plant species, pollinators and beneficial insects and soil health indicators such as mycelial growth and soil micro organisms. Possible species include the endangered Contra Costa Goldfield (*Lasthenia conjugens*) and the threatened Alameda Whipsnake (*Masticophis lateralis euryxanthus*)

    d. Wildfire risk reduction through increasing hydration of site, increasing moisture content of vegetation and fuel management

    e. Air quality

2. **Community Engagement**

    a. On site, at Laurel Court, inviting the Rodeo community to come to the community garden for programs, gathering, learning, resources, and human connection.

    b. Off site, providing services for front yard restoration to activate Rodeo citizens, offering participatory learning pathways, training, and workforce development, all anchored in the restoration of soil health and water flows.

3. **Community Resiliency**

    a. **FireWise Community**: RCA is eager to become a Firewise USA community

    b. **Community farming**: RCA and CCRCD have installed community garden beds, a greenhouse and are ready for funding to activate and grow food!

    c. **Community connections**: RCA and CCRCD have begun community centric programming like movie night in the park, and are ready for funding to expand and grow!

    d. **Community shared resources:** Tree and yard waste mulch, compost, tools, seeds, cuttings, food and more are ideas ready for funding!

    e. **Community regenerative revenue streams**:

i. Olive oil production and sales from olive trees that could be planted on site

ii. Nursery from native plants and fruit / veg seedlings grown on site

iii. Event space for outdoor gatherings

f. **Community Education and Training:** Outdoor ed, school age day camps, citizen science ecological monitoring programs, and more, that work holistically, to recontextualize daily life, to support local, regional and planetary ecologies.

i. Technology driven sensor soil, air, water monitoring

ii. Field observation - bird, insect, plant, fungi counts - iNaturalist

4. **Cultivate Bioregional Regenerative Programs and Prototypes**
To enable a Bioregional Regeneration Movement, to usher in change making at scale, that is powered by the will of the people.

a. **ForestR Community Activation Programs include:**

i. Miyawaki Method Pocket Forest

ii. Block x Block Challenge with Front Yard Pocket Parks, supported by ForestR Challenges App to gamify soil and water flow care and service

b. Circular Patterns Prototypes include:

i. Wandering & Wondering Belonging Programs

ii. Neighborshed Ecosystems

Pilot Participants

This proposal is presented by the below organizations in hopes of igniting interest in funding a systems based approach, to scalable change making, anchored in connecting neighbors to restore and regenerate hyper local soil and water flows, in urban and suburban communities.

Rodeo Citizens Association (RCA)

- Pilot Project Lead: Charlie Davidson, RCA Board Director
- Website: https://rodeocitizensassociation.org/
- Contact: charlesdavidson@me.com

Contra Costa Resource Conservation District (CCRCD)

- Pilot Project Lead: Heidi Petty, Watershed Program Manager
- Website: https://www.ccrcd.org/
- Contact: hpetty@ccrcd.org

ForestR

- Pilot Project Lead: Tracey Rogers Brandt, Director of Greening Projects & Programs
- Website: https://www.forestr.org/
- Contact: tracey@forestr.org

Oso Eco

- Pilot Project Lead: Charles Upton, Director
- Website: https://osoeco.co
- Contact: cupton@osoeco.co

Circular Patterns

- Pilot Project Lead: Tracey Rogers Brandt
- Website: https://www.circularpatterns.com/
- Contact: tracey@circularpatterns.com

Timeline For Publishing Proposal & Soliciting Funding Supporters

☐ **Step 1**: Proposal Stakeholder Review & Endorsement

- **Task:** RCA and CCRCD teams review this proposal and provide feedback and/or approval to proceed to Step 2.
- **Target Completion:** Jan 30, 2026

☐ **Step 2**: Rodeo Community Review & Endorsement

- **Task:** Proposal Presenters outreach and meet with Laurel Court Community Garden neighboring residents, followed by a Rodeo Community wide on site meeting and tour
- **Target Completion:** TBD
- **Key Activity:**
  - Outreach community with fliers, on site signage and digital communications

- Schedule zoom meeting with property line neighbors and then an onsite community meeting and tour following
- Enable community members to register to join “something” as they show their support for this proposal

☐ **Step 3:** Solicit funders and collaborators

- **Task:** Proposal presenters outreach their networks and broadcast widely via social and other mediums, to solicit interest with a Call To Action (CTA) to join us for a zoom gathering where we present the plans and enable a robust Q &A with clear call to action for those interested in supporting this work and proposal.
- **Target Completion:** TBD

Phase 1 Key Performance Indicators (KPIs)

1. **Landscape Restoration**
    a. Soil, air, and water monitoring from baseline to key intervals, with historical data for comparison and community level trend analysis with lab certifications as relevant (soil in particular)
    b. Quantity of invasive plants removed
    c. Quantity of new plantings
    d. Quantity of flora and fauna biodiversity from baseline through key intervals, from field observations collaborating with iNaturalist (ie- bird, insect, plant, fungi counts, etc.)
    e. Quantity of weed barriers and plastic lawns removed off site via the Block x Block program
2. **Community Engagement**
    a. Registrations and attendance for on site events
    b. New members of the TBD something like a Hylo community or Signal Group until the proposed “Neighborshed” concept is in beta form with Doughnut Economic Model provisioning available

c. Qty of “blocks” in for Block x Block program

d. Qty of residents, by block and total, participating in the Block x Block program

3. **Community Resiliency**
   There are an abundance of metrics available to measure the efficacy of Phase 1 in this proposal. We envision a collaboration with at least the California Doughnut Economics Coalition (CalDEC), to implement a novel approach to applying the doughnut economics framework, to a project of this scale, with potential intersections into the core of provisioning members, when they join their Neighborshed.

   The provisioning process and supporting technology will be developed as a prototype as part of the pilot. The prototype will map current and planned passions and purpose, to service and care for the stabilization of planetary boundaries and the nurturing of drivers of the social indicators. In addition to traditional engagement metrics associated with awareness, engagement, activation, and actions we will trial a novel Doughnut Economics Based Funnel.

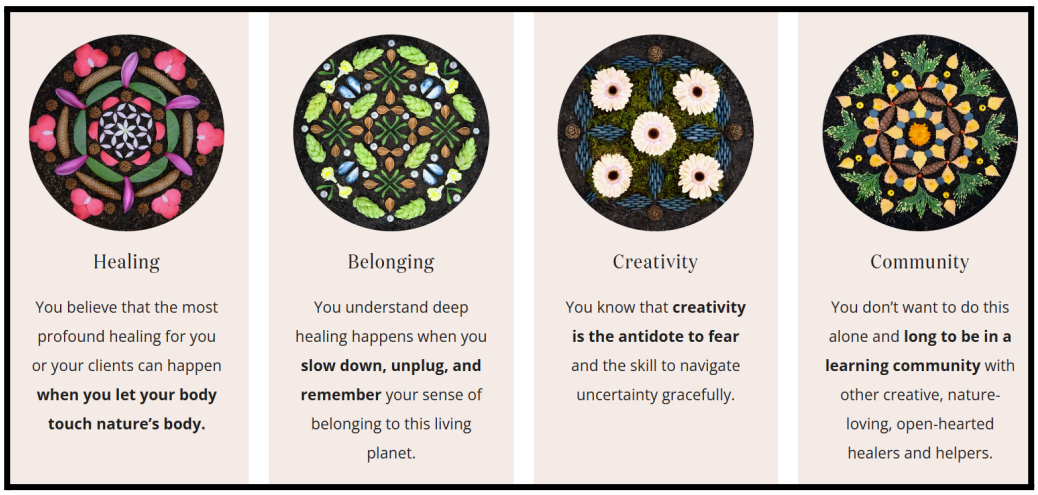
   Appendix A, 02, provides an Executive Summary

Appendix A - Circular Patterns

01. Wandering & Wondering Belonging Programs

a. Morning Altars Everywhere Teacher Training - Tracey Rogers Brandt will become a certified Morning Alters Teacher in Spring 2026. The program is designed for helpers and healers who serve groups or individuals and wish to learn this pioneering process which integrates nature therapy, art therapy, and ritual therapy.

b. Community centric programming to foster healing, belonging, creativity and community can become a fractal available for Neighborsheds to offer their members.



02. Neighborshed Ecosystems

See the following page

Appendix A - Circular Patterns



Executive Summary

Neighborshed Doughnut Economic Based Funnels Can Enable a New Paradigm

By Tracey Rogers Brandt

December 2025

~*~

If restoring the earth
becomes humanity's central intention,
there is no way we can fail.

~ John D. Liu

Ecosystem Restoration Researcher, Educator and Filmmaker

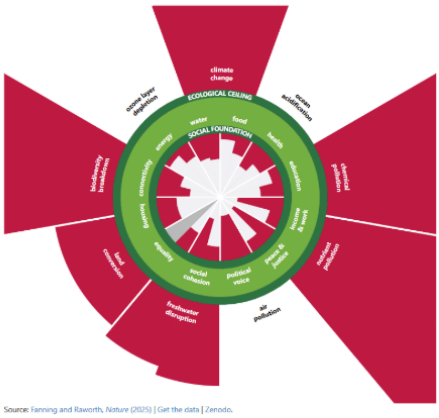
01. Overview

The Doughnut Economic Model

According to the extraordinary Kate Raworth and the prestigious Doughnut Economics Action Lab, The Doughnut of Social and Planetary Boundaries (the Doughnut), offers **a visual monitor of progress towards the goal** of meeting the needs of all people within the means of the living planet.

The Doughnut Economic Model, is a profound tool and movement, that has evolved into a global, regenerative principled community, unified around being in favor of ground up collaborations supporting collective well being, kinship journeys, and an economic model driven by restoration and regenerative longevity, of our biosphere processes.

Since Kate Raworth introduced the Doughnut Economic Model concept in a paper more than thirteen years ago, the health of Earth's Biosphere has deteriorated more rapidly than any climate model imagined.



Source: Fanning and Raworth, *Nature* (2025) | Get the data | Zenodo.



The Doughnut of social and planetary boundaries (Raworth, 2025)

Neighborshed Local Ecosystems

A Neighborshed is a novel concept for a nature based local ecosystem of both biosphere processes and digital tools, aligned and connected, to trial innovative prototypes and pilot programs, that empower humans in our project areas, to restore their hyper local water flows and soil health, while growing their connections with themselves, their family,

neighbors, community, and all life in their biosphere process, that enables their ability to be alive.

In concept and name, Neighborsheds are inspired by a watershed, which is an area of land that channels rainfall, snowmelt, and runoff into a common body of water. A "Neighborshed" is grounded in an area of land, or a bioregional place, and helps channel humanity's mind, body and spirit into a common purpose, where Neighborshed members find passion areas that align with service and care for all life, human and non-human.

Neighborsheds can provide local communities a safety rope to hold onto, as they plan and create emergency preparedness programs, to ensure Neighborshed members are ready to receive chaotic infrastructure disruption, civil unrest and natural disasters, with stabilized physical and mental health, clarity of vision for a nature based future, and abundance of equitably shared resources (food, water, tools, energy, shelter), to both survive collapse and focus on growing possibilities.

Neighborsheds can help organize communities to improve circularity for food and water, from rewilding urban and suburban landscapes to restore water flows and soil health. Neighborsheds can also enable the Consumer Package Goods (CPG) industry transformation pilot programs, to enable novel local supply chains, offering packaging that is either approved for organic compost streams or built for reuse. A pilot focused on food and beverages can enable deep insights and learning for humans in our project areas, to appreciate the consumable metabolized in our bodies should arrive in packaging that can be returned to the supply chain for reuse, or it should be safe to compost in our garden.

Neighborsheds are urban, suburban and even rural based community groupings, that enable members to shift into new contexts, where care and service of local, regional, bioregional and planetary ecologies drives economics, governance, and all facets of future regenerative principled societies.



Neighborsheds Build Bridges from Geopolitical and Industry Based Societies, to Bioregional and Biosphere Process Based Future Societies, that are Life Affirming

It is unlikely, given the magnitude of modernity systems that are failing to support local, regional and planetary biosphere processes, that conditions will emerge within our current geopolitical and top-down based societies, to foster planet positive and life affirming transformations at the speed and scale required.

Neighborsheds can provide the conditions needed for bioregional based future societies built on regenerative principles to emerge, from the ground up. Pilot project areas can connect to both our geopolitical past and our bioregional future, through our counties. Pilot Neighborsheds can be supported at the county level by novel flows of funding and resources that are managed by county level Resource Conservation Districts (RCD).

For those not familiar, a county is a primary administrative division within a state or country, acting as a local government level below the state, responsible for providing essential services like public health, law enforcement, courts, roads, and elections, serving as a crucial link between state and local municipalities. Neighborshed pilots can nest within their applicable county, and from there, connect upwards to both their State and their Bioregion.

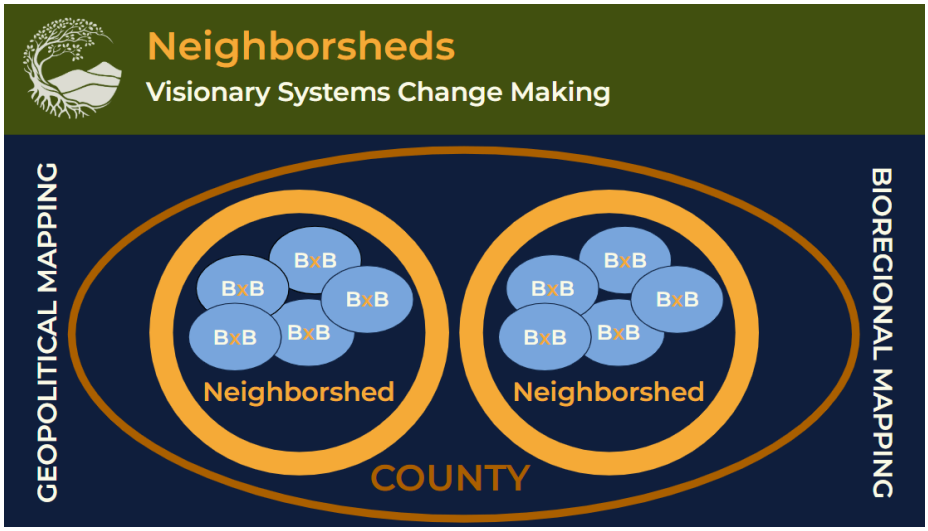


Diagram from Regenerate the Bay Doughnut Economics Accelerator promoting Forestr.org Block x Block Challenge (BxB) as a Neighborshed member acquisition program.

A Resource Conservation District (RCD) is a local, non-regulatory government agency, especially prominent in California, that works directly with landowners (farmers, ranchers, urban dwellers) to implement voluntary conservation projects for soil, water, wildlife, and habitat, offering technical help, funding, and education to improve natural resource management and resilience. RCDs are found in all 50 states and serve as a local hub,

linking community needs with state, federal, and private conservation efforts to tackle issues like erosion, water quality, and climate change.

California has 96 RCD's that are special districts supported by the California Department of Conservation (DOC) who provide support in the form of financial assistance through grant programs, as well as information and technical support through publications.

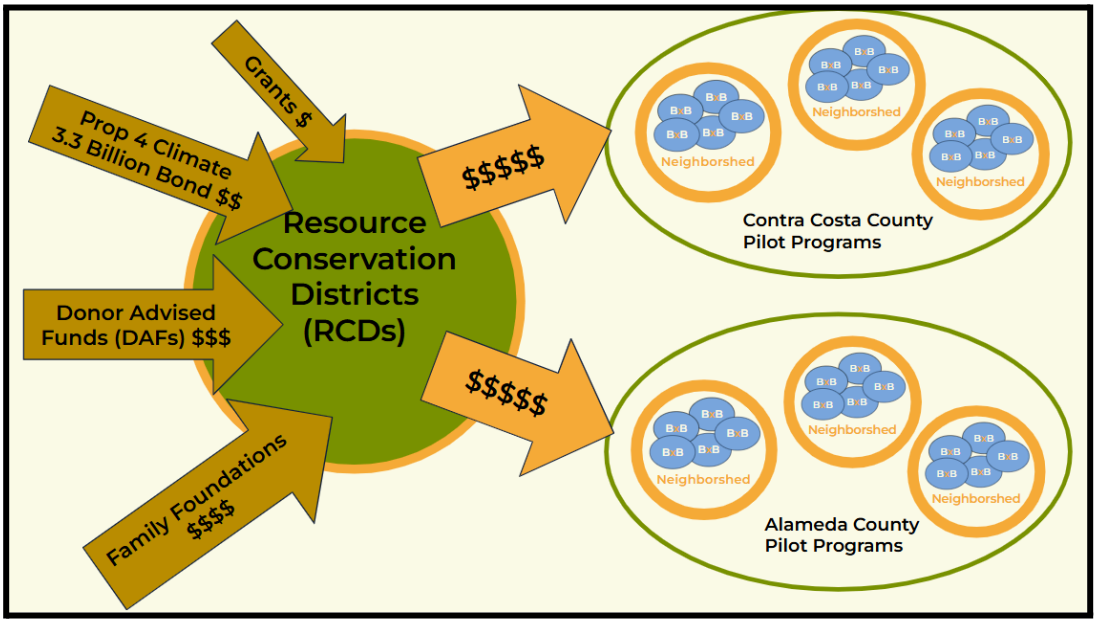
The National Association of Conservation Districts (NACD) is a 501(c)(3) nonprofit organization that represents America's 3,000 conservation districts and the 17,000 individuals who serve on their governing boards. The RCD's work with millions of cooperating landowners and operators to help them manage and protect land and water resources on private and public lands. The NACD 2026 theme driving 3,000 RCD's educational focus is deeply aligned with this proposal and core beliefs that healthy soil = healthy lives.



In California, the California Association of Resource Conservation Districts (CARCD) is a supportive 501c3 non-profit organization dedicated to serving as a strong advocate, technical resource, and partner to California's 96 RCDs, so that every Resource Conservation District has the support, leadership, and capacity to help tackle our toughest natural resource issues, by working in partnership with all members of the community.

RCD's are uniquely positioned and supported, with expertise, connections, infrastructure and SOP's, to lead a systems based approach, from the ground up, to empower hyper local communities to become more resilient, as they restore and regenerate their soil health and water flows for the collective wellbeing of their Neighborshed.

Resource Conservation Districts Can Become Bioregional Regeneration Funnels, for Funding and Resources



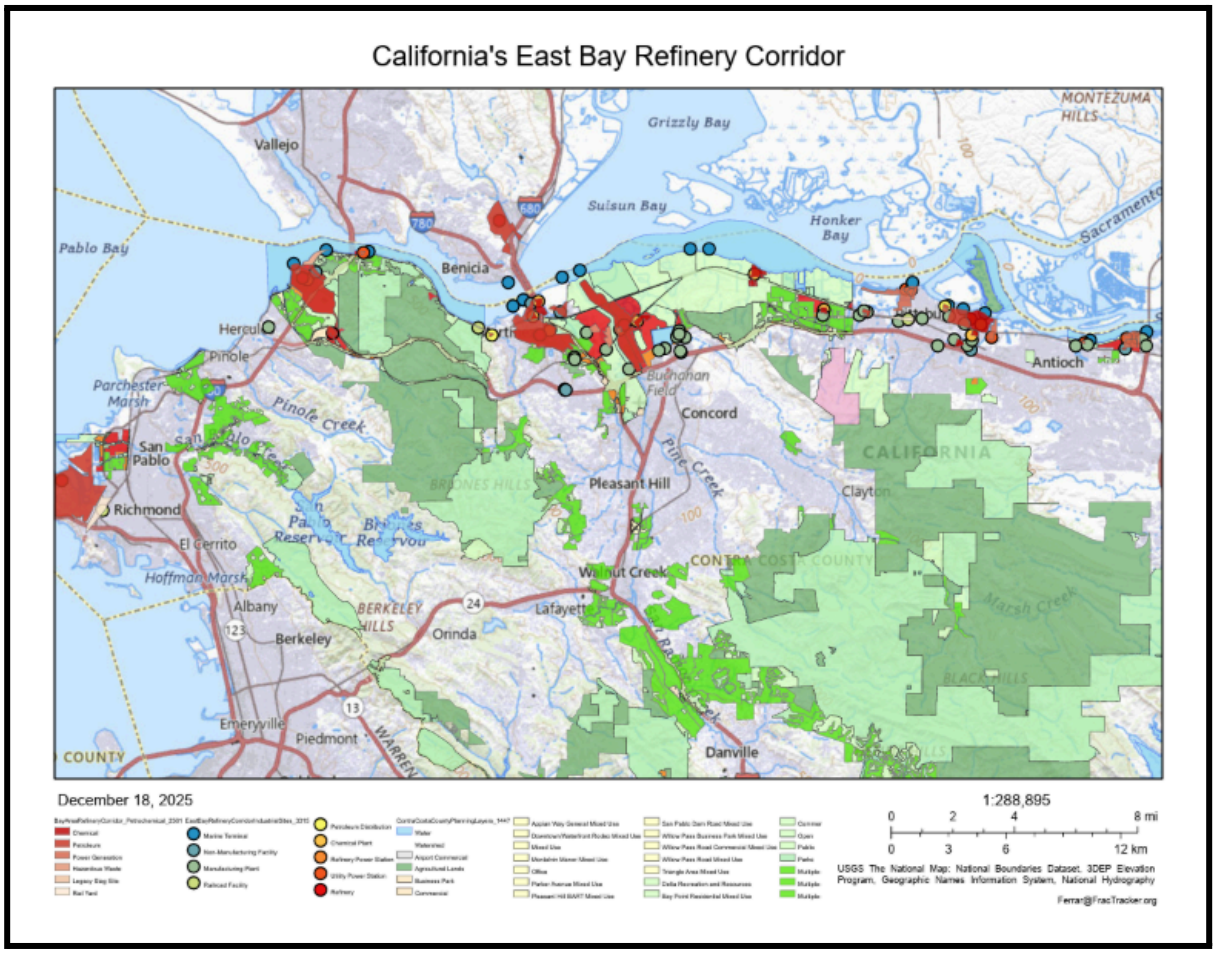
The Contra Costa RCD (CCRCD), established over 80 years ago, covers 516,191 acres where an estimated 175,000 acres (33%) is rangeland, and to control urban sprawl and preserve agriculture and open space, in 1990 county voters approved the Urban Limit Line, which limits urban development to no more than 35% of the land in the county through 2026. Celebrated conservationist John Muir, who cofounded the Sierra Club, lived his last 24 years in Martinez, the Contra Costa County Seat, and today the John Muir Land Trust protects and cares for open space, ranches, farms, parkland, and shoreline in the East Bay.

Contra Costa County has 120 miles of shoreline that spans from the San Francisco Bay, San Pablo Bay, Suisun Bay and into the massive California estuary where the Sacramento and San Joaquin Rivers join, creating the Bay Delta that connects the Pacific Ocean to the ports in Sacramento and Stockton.

In addition, four refineries that help make the San Francisco Bay Area the second largest refining center on the West Coast, operate on approximately 5,000 acres (0.9%) of coastal land that is designated for heavy industry in the county General Plan. Contra Costa County refineries include:

- The Chevron Richmond Refinery
- The Marathon Martinez Renewable Fuels Facility (formerly a traditional oil refinery)
- The Martinez Refining Company (PBF Energy) occupies approximately 860-880 acres in Martinez.

- The Phillips 66 Rodeo Renewed facility (which has transitioned from a crude oil refinery to a renewable fuels plant)

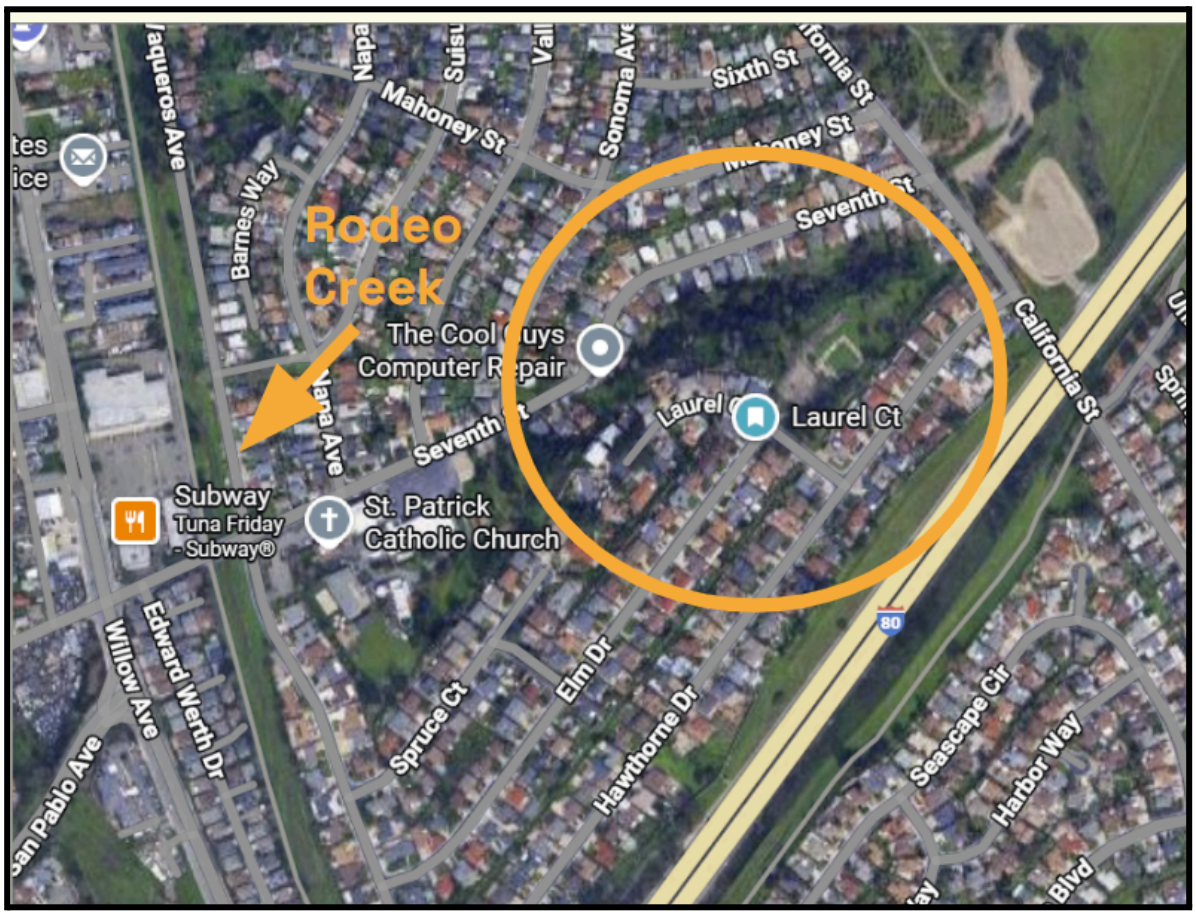


Contra Costa and neighboring Alameda Counties share watersheds, creeks, regional parks and the two RCD's have a long history of working collaboratively to support projects that facilitate conservation and stewardship of the natural resources under their care.

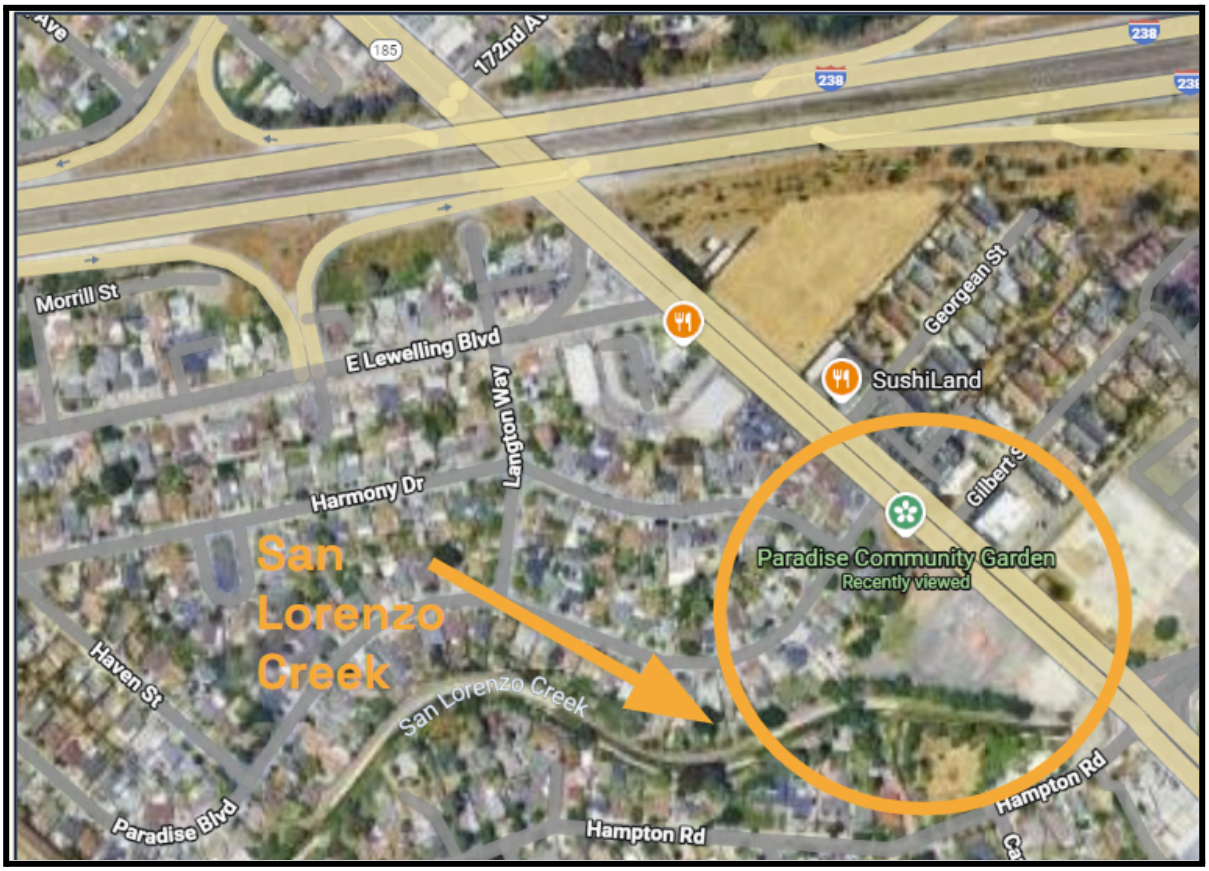
In 2026, a novel collaboration could be formed and funded, to empower these two Resource Conservation Districts to provide oversight and a clearinghouse for a systems based approach, to empower humans in each of the county's project areas, to become self determined and resilient while restoring and ensuring longevity of the biosphere processes in their project area. Each county could begin with a showcase project that becomes a hub for expansion.

Site:	Laurel Court Community Garden	Paradise Community Garden
County:	Contra Costa	Alameda
City:	Rodeo (unincorporated)	Hayward
Watershed:	Rodeo Creek	San Lorenzo Creek
Acres:	5.3	~3 with adjacent GSA parcel
Riparian:	Yes	Yes

Laurel Court Community Garden



Paradise Community Garden



Doughnut Economic Model Based Funnels Can Become Future Societal Foundations

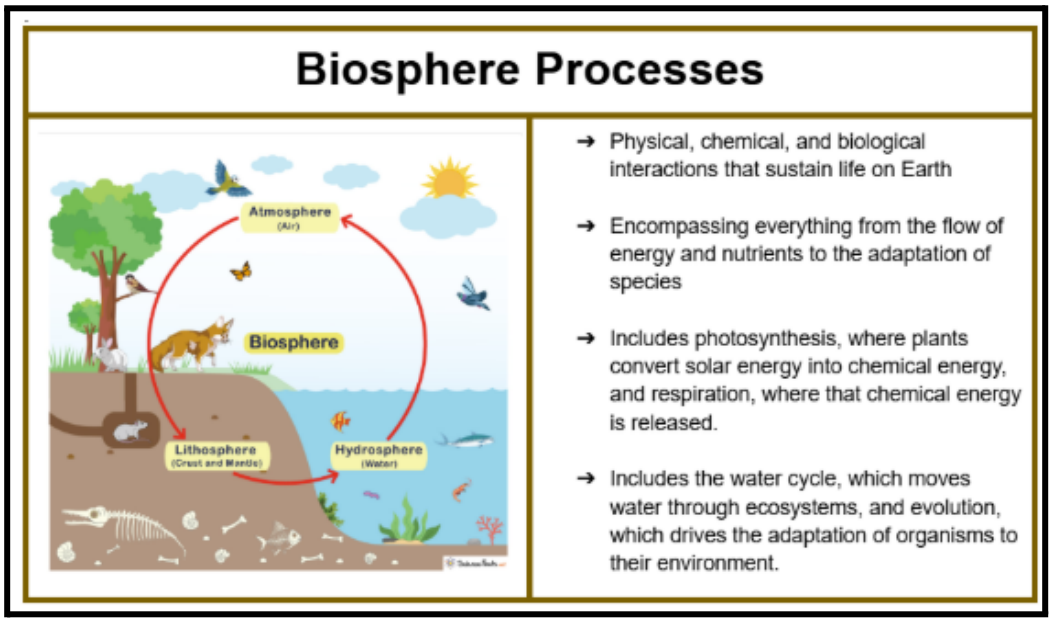
The provisioning process for humans and entities in the project areas, to join a Neighborshed, involves a prototype we build together. In the simplest of terms conceptually, the process of joining a Neighborshed can involve a provisioning funnel that maps the human or entity, and their existence on Earth to date (so to speak), to a future world where restoring and ensuring regenerative longevity of local, regional, bioregional and planetary biosphere processes, is central to being alive. As opposed to today, where acquisition of money is central to being alive, for far too many societies on Earth.

The Doughnut Economic Model provides the foundation for a provisioning funnel to map each of our “offers” from modernity, to the “needs” of a bioregional regeneration movement. Imagine a Dr. Seuss style illustration cramming the collapsing modern world into the mouth of a Doughnut funnel, and out comes a thriving biosphere supporting all life, built upon a participation based model for governance and economy, where

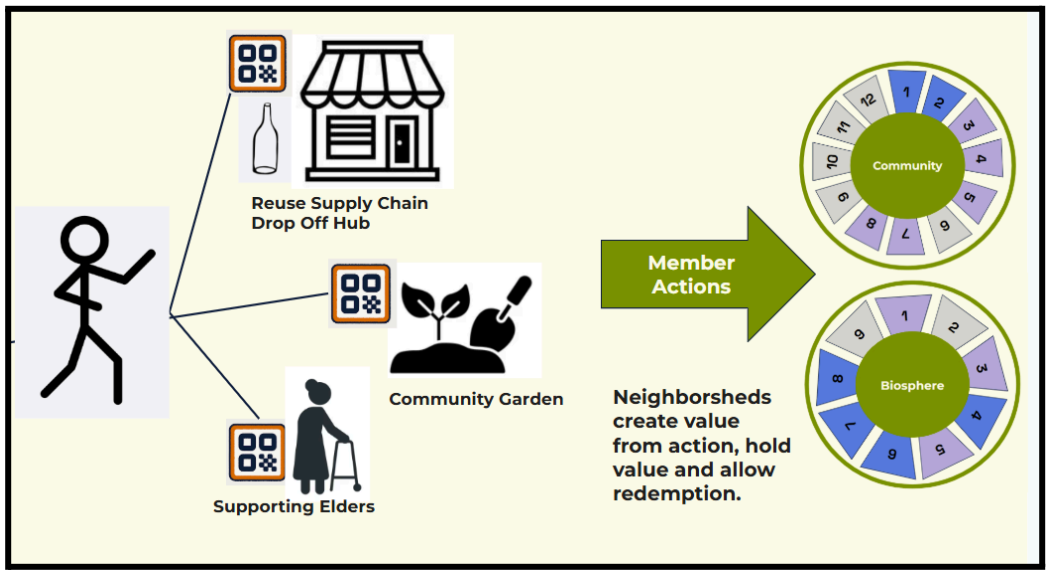
collective well being is an outcome of the care and service of ecologies, from the hyper local to planetary.



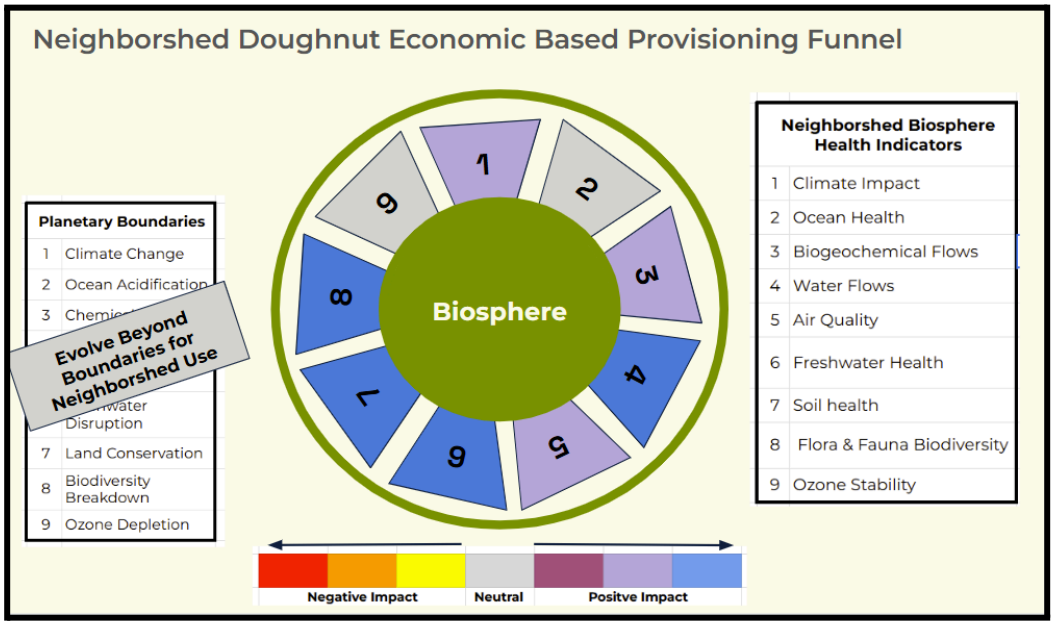
Creating a novel entry to joining a Neighborshed, provides enormous opportunity for engagement and education, around topics related to Bioregional Regeneration, which we define as humans working together to restore soil health and water flows, in hyper local settings, while connected and orchestrating in harmony with larger, regional and planetary ecological systems or biosphere processes.

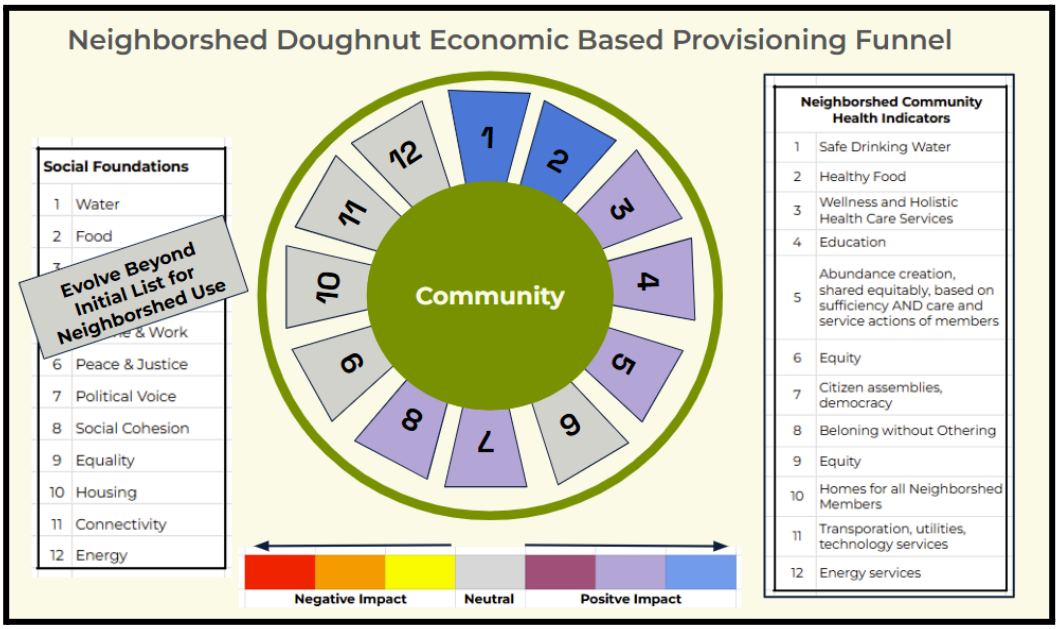


Foundational to Neighborsheds enabling a participation economic model based on care and service of biosphere processes, is voluntary tracking of care and service actions. QR codes are enormously promising for allowing Neighborshed members to scan QR codes to track entry to gardens, hours worked on a riparian corridor, reuse containers returned, and an abundance of options not yet conceived.



As each member joins (human or entity) a graphic doughnut snapshot, can convey the degree of negative, neutral or positive impact to each of the models. This graphic can become a certification seal that changes with actions. The following is a rough attempt to convey the power of this model. The colors are indicators of impact and this example is roughly based on the expected impact of the ForestR Block x Block Program.

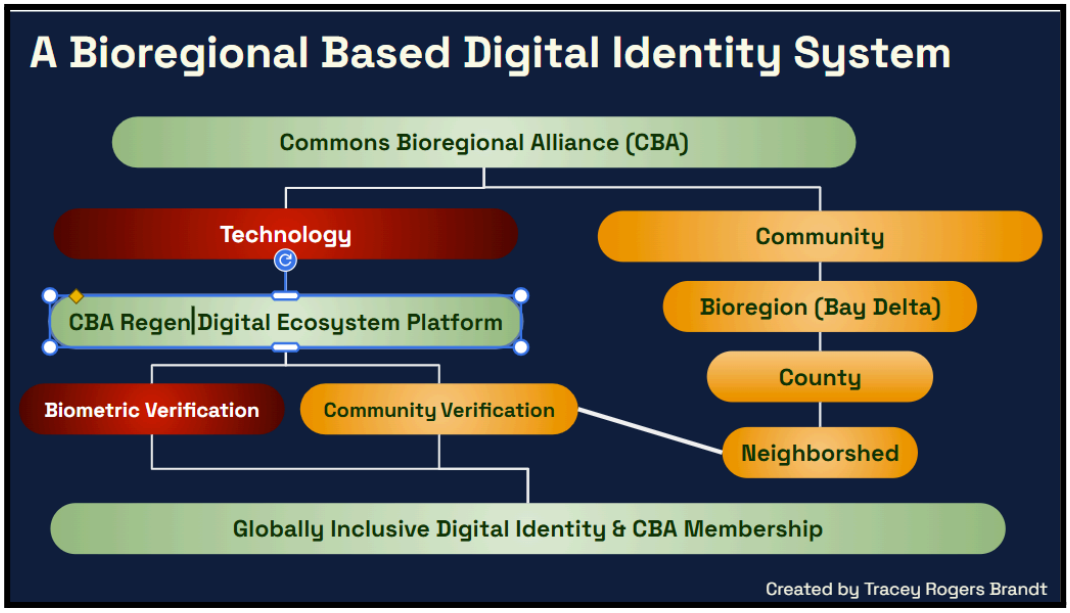




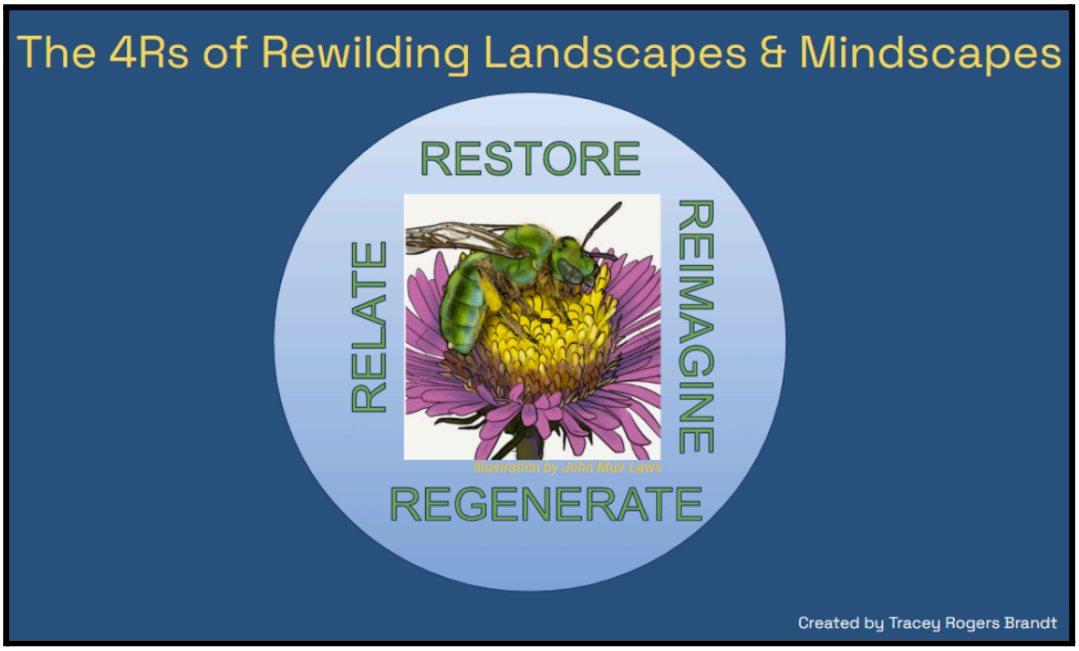
The Doughnut provisioning funnel would leverage a Bioregional LLM supporting the Neighborshed geographical place, that contains currently disparate data, often hard to obtain, into a powerful tool to map human and entities alignment from the old world to a new world. Following is a start for naming the valuable data sets, to be available with regenerative technology and tools, to support Neighborshed members.

Biosphere Data	Community Data
Geology & Soil	Population & Demographics
Watershed & Creeks	Political
Climate History	Zoning
Native & Invasive Flora	Property ownership
Native & Endangered Fauna	Property status (brownfield, greenfield)
Land use	Geopolitical stack up to Continent
Bioregional stack up to Realm	Doughnut Community Data Scored
Doughnut Biosphere Data Scored	

The Doughnut provisioning process can also trial a Neighborshed enabled digital identity system, leveraging the applicant's hyper local community, to verify humanhood and authenticity of registration information. A prototype we can trial, as part of community activation programming could enable a fractal to scale across the globe, with orchestrated decentralization.



The experience of communities enabling Neighborsheds can ignite "***The Will of the People***" to reawaken, remember and expand consciousness, to support changemaking that restores biosphere processes and ensures the biosphere has regenerative longevity to support human flourishing in harmony with all life.



	
Power Over Life	Power Of Life
Industrial Agriculture	Regenerative Agriculture
WAR	PEACE
Centralized Power	Subsidiarity Power
Hero Journey	Kinship Journey
Independence	Interdependence
Transactional	Relational
ME	WE
Separation	Togetherness
Dominate Nature	Nurture Nature
Selfish	Cooperative
Personal Wealth	Collective Well Being
Extractive	Regenerative
Abstraction	Embodiment
Disconnection	Interconnectedness
Fear & Anger	Love & Joy

Appendix B - ForestR

Forestr.org is 501-(c)(3) founded in 2019 to address needed systems change because humans are disconnected and isolated from each other, and our modern life is destroying the soil our lives depend upon. ForestR began in unincorporated Castro Valley California, where the founders began cleaning, greening and gleaning in an effort to activate their local community around participatory greenscaping.

The ForestR theory of change is anchored in education, empowerment and creating programs supporting soil health, water flows and community resiliency. By engaging local communities in the care and service of their soil, ForestR empowers them to become self determined and proud of their greenscaping achievements. ForestR emergent community activation programs include:

1. Miyawaki Method Pocket Forest

2. Block x Block Challenge with Front Yard Pocket Parks, leveraging the ForestR Challenges App to gamify soil and water flow care and service

---

1. Miyawaki Method Pocket Forest

   ForestR proposes that Miyawaki Method forests are far more than just a science based approach to accelerating restoration of desecrated lands. The process of planning, designing, preparing, planting and ongoing care and service of the pocket forest provides an abundance of educational, engagement and workforce development opportunities connecting neighbors around creating healthy local ecologies.



   The Miyawaki method entails identifying native plant species, enhancing soil quality, and densely planting seedlings to simulate natural forest conditions. By encouraging intense

competition among plants for sunlight and resources, the method accelerates forest growth and biodiversity restoration. Moreover, its emphasis on native species promotes ecological resilience and habitat creation for indigenous fauna.

Miyawaki forests bring significant community benefits by rapidly creating dense, biodiverse mini-forests in small urban spaces, improving air quality, cooling heat islands, managing stormwater, providing habitats for local wildlife, sequestering carbon, reducing noise, and boosting community engagement and well-being through accessible green spaces and environmental education. These tiny forests offer nature's essential functions in built-up areas, creating resilient, beautiful, and healthier neighborhoods quickly.

Miyawaki Method Environmental & Ecological Benefits:

- ➔ **Boosts Biodiversity:** Creates rich habitats supporting more native species (birds, insects, animals, fungi) than conventional plantings, often within years.
- ➔ **Fights Climate Change:** Absorbs significantly more CO2 and helps combat urban heat island effects, lowering local temperatures.
- ➔ **Improves Air & Water:** Filters air pollutants and increases soil's water absorption, reducing runoff and erosion.
- ➔ **Rapid Growth:** Grows dense and mature up to 10x faster than traditional methods, providing ecosystem services sooner.

Miyawaki Method Social & Community Benefits:

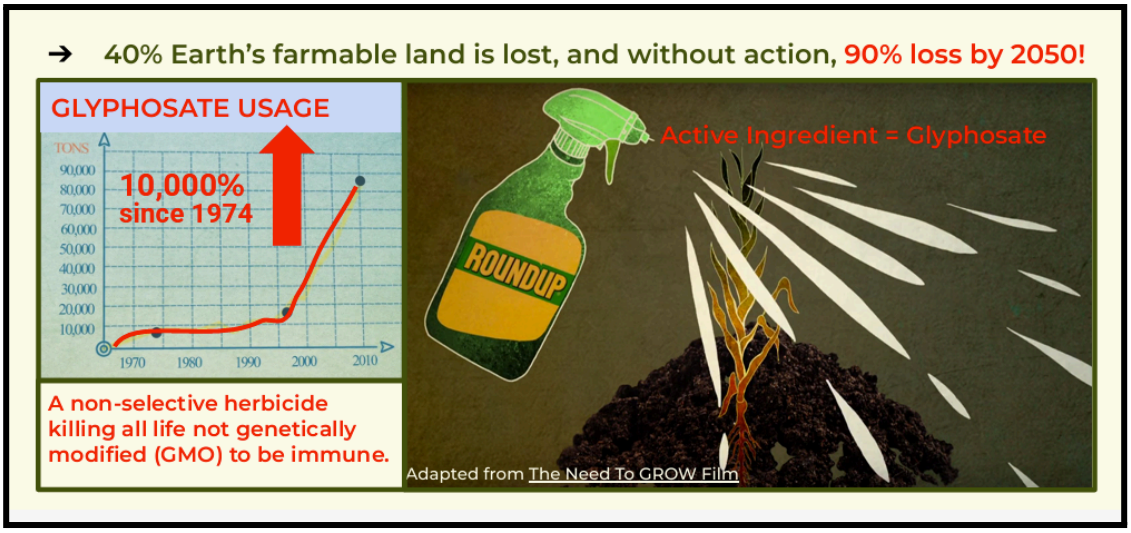
- ➔ **Enhances Well-being:** Offers beautiful, calming green spaces, reducing stress and improving mental and physical health.
- ➔ **Fights Environmental Injustice:** Brings green infrastructure to underserved urban areas with limited space.
- ➔ **Community Engagement:** Involves local residents in creation, fostering environmental awareness, education, and a sense of ownership.
- ➔ **Reduces Noise:** Acts as a natural buffer, cutting down on urban noise pollution.

Miyawaki Method Practical Advantages:

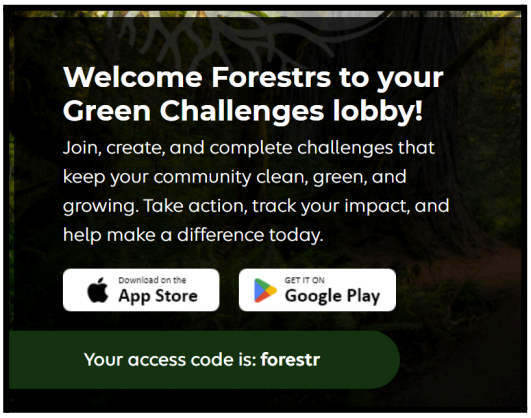
- ➔ **Space-Efficient:** Can transform small, neglected urban plots (even 1,000 sq ft) into thriving forests.
- ➔ **Low Maintenance:** Becomes self-sustaining and resilient after an initial 2-3 year period, requiring little ongoing upkeep.

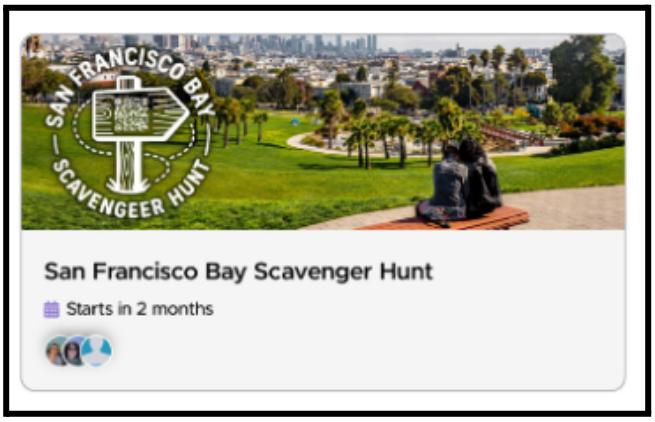
2. ForestR Block x Block Challenge and Front Yard Pocket Parks

ForestR proposes that activating the will of “The People,” to become aware of collapse and activated to make change happen at scale, begins with education around the importance of our biosphere processes and the degree to which industrial agricultural and residential landscaping practices, employing chemicals to kill flora and fauna, are destroying the biosphere processes our lives depend upon. Creating hyper local programs for communities to learn by practicing soil and water flow restoration, is the strategy driving the ForestR Block x Block Challenge.



Foundational to the Block x Block Challenge is the ForestR Challenges App, which is available, proven and ready to scale. The ForestR community is turning green initiatives into real-world action through challenges like planting, litter collection, steps, donations and more. Participants can team up, create custom challenges, or join community events—earning virtual, physical, and even cash rewards along the way.





The mission of the Block x Block challenge is to disrupt industrial residential landscaping practices that include:

- Green grass lawns
- Plastic lawns
- Directing rainfall to storm drains
- Directing leaves to storm drains and landfills
- Killing flora and fauna
- Supporting conditions for invasive flora to thrive
- Creating sterile landscapes based on control and separation from nature

The program aims to empower communities to begin rewilding residential landscapes by removing weed barriers and plastic lawns which suffocate, dehydrate and starve the soil animals required for flora and fauna to flourish and thrive in healthy soil able, to store water and facilitate biogeochemical flows, required for sustaining life.



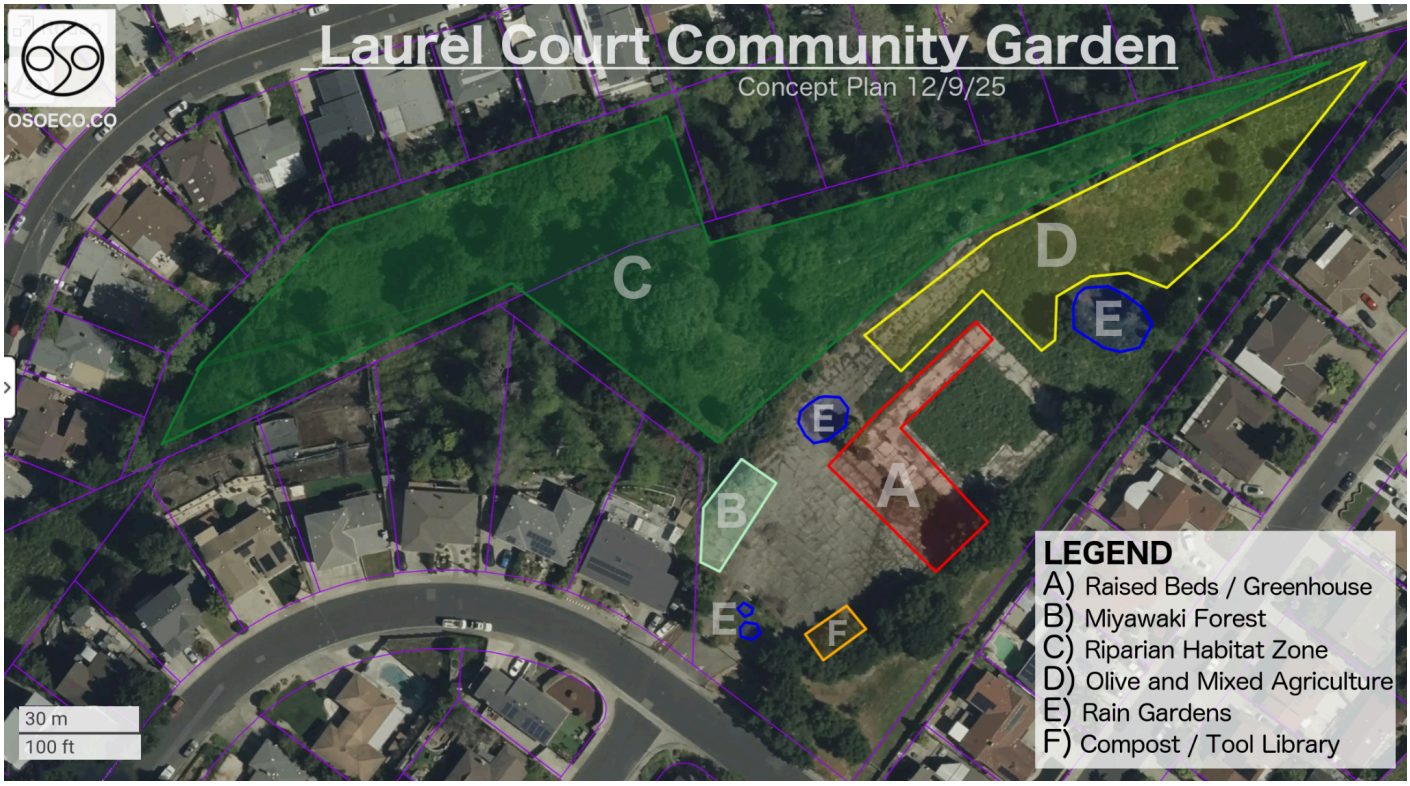
Community Benefits from the BxB Challenge include:

- Community engagement, activation, increased mental wellness & resiliency
- Ecological gains with flora and fauna biodiversity, air quality, temperature reduction, soil health, water flows and catchment, and more!
- Education and workforce development opportunities

Within the Block x Block program, ForestR has introduced a new type of pocket park offering called the “Front Yard Pocket Park.” ForestR has enabled eight community centric pocket parks since 2019, featuring native plants, food forests and open green gathering spaces. In November 2025 ForestR dedicated Storytellers Pocket Park, the world’s first front yard pocket park, celebrating front porch culture where neighbors can gather for moments of connecting outside, off screens in real life.



Appendix C - Oso Eco



The following suggestions were made by Charles Upton of Oso Eco (osoeco.co) after visiting Laurel Court on 11/29/25. Locations of proposed features are indicated on the map above. For design and installation management contact cupton@osoeco.co

Water / Rain Gardens (Zone E)

Water is the foundation of any landscape design. Located in the context of the greater Rodeo Creek Watershed, there were three sites that stood out as sites that could be utilized to passively infiltrate water and grow vegetation. Rain gardens (infiltration basins) could be constructed to leverage existing hardscape, stormwater flows and existing drain infrastructure. Benefits of rain gardens are the ability to passively harvest (infiltrate) water and grow vegetation. The three potential water infiltration sites are all indicated by E on the map.

The first site is located approximately 40’ north of the tree in the parking lot and utilizes the existing stormwater flows and drain infrastructure. The rain garden would be constructed by removing pavement around the existing storm drain, mulched and planted with native vegetation. A small concrete box built around the drain could set the level of the pond allowing for maximum water capture and an excess routed into the existing drain infrastructure. The front paved parking area is a significant catchment estimated at 1600ft2 which would collect ~1000 gallons of water per 1” of rainfall not counting for stormwater flows from

offsite. In a small rain event this basin would not overflow but infiltrate and utilize all the water. In larger rain events it would be routed down the existing drain where the water currently goes. This area is high visibility and a great opportunity for education with signage about the benefits of water infiltration.

To the north-east (indicated with E on the map) is a natural depression where water collects. This could be easily amplified to hold more water as well as planted with appropriate native plant species. At the same time, the overflow from this should be routed so that it is both utilized and does not cause downstream damage.

The third place to capture and infiltrate water would be to utilize the hardscape of Laurel Court Rd and the water that runs down the driveway. Putting in a speed bump and a curb cut could channel water into the existing infiltration basin in the 'island' between the two driveways. Overflow from the top basin could be routed into a second basin below it and then routed into the parking area where it would then collect and overflow at the rain garden near the tree.

Any structure (existing shed, gazebo, greenhouse etc) are potential sources of high quality water. Water could be captured in rain barrels / cisterns and then utilized for irrigation as well as being an educational showcase for the community. Water captured off a clean catchment is suitable for non-potable purposes as outlined in the California State Plumbing Code Chapter 16 (https://up.codes/viewer/california/ca-plumbing-code-2022-1/chapter/16/nonpotable-rainwater-catchment-systems#16)

Riparian area (Zone C)

There is an incredible riparian area on the lower part of the site with huge potential to be restored as valuable habitat. There is very little existing habitat in the lower reaches of Rodeo Creek and this area could be a huge benefit for all manner of flora and fauna. Steps to rejuvenate this riparian zone would be to remove all the Himalayan Blackberry (*Rubus armeniacus)* and English Ivy (*Hedera helix*), both invasive to California, planting with appropriate riparian native species and clearing all ladder fuels for fire mitigation. Approach for Himalayan Blackberry would be manual removal with paid crew (possibly California Conservation Corp) first cutting out everything above ground then going back and getting as much root out as possible. I would approach English Ivy in a similar manner, planting with appropriate native riparian species such as willow, cottonwoods, sycamore, big leaf maples and alders.

There is also potential to be slowing, spreading and sinking water in this zone. There is a small incised channel in the bottom that could be stuffed with any biomass to help slow and spread the water out. Laying and staking logs across the channel could also be helpful to slow spread and sink the water starting as high up the drainage as possible and working down. The natural boundary of the drainage extends through multiple property lines so getting approval to treat the entire drainage would be the best case scenario.

Olives and Perennial Agriculture (Zone D)

This zone behind the old pool has potential for various perennial plantings both native habitat pollinator species as well as food producing species. Olive trees could be a great tree to focus on as they are well suited for the climate and could drive both community engagement and revenue through the harvest and press of olive oil. In addition to olives, various nut, fruit and perennial pollinator plants could be integrated in this zone for a synergistic ecosystem effect.

Locally produced olive oil is a high value commodity as well as a great community building tool. Basic economic calculations for olives, 100 trees would produce between 300L to 700L of oil at maturity (3-5 years), potentially grossing between $42,000 to $98,000 at $35 per 250ml bottle. The major labor involved in the production of oil (winter pruning of trees and fall harvest) could be done as a community event both engaging local engagement with the site and keeping costs at a minimum. The major cost would be to press and bottle the oil which would be offset by sale of oil at local farmers markets and direct to consumer retail.

This zone would also be appropriate for a nursery, both to grow and propagate plants for onsite and sale in the local community. I think that starting up a nursery onsite would be beneficial in multiple way as it is a great community engagement tool as well as growing both native habitat plants as well as veggie / fruit species. There is a very low cost to doing this with the biggest expense being time and community labor. In a time, sales of plants are a great revenue stream, community outreach tool as well as having plants to plant onsite. Organizing people to tend, water, and propagate has both great community building and educational potential. This zone also has existing oak trees that can be harvested for acorns and milled into delicious flour.

Compost / Tool Library (Zone F)

This area could be utilized as an area to collect community food waste to be processed into high quality compost as well as provide other community services such as a tool library. It is conveniently located near the entrance providing easy access and parking. This is another component that could help engage local residents and provide a useful service. Food waste could be dropped off by residents and in return provide good compost for their own gardens. The concept behind the tool library is that not everyone has all the tools necessary for gardening / landscaping and are a significant expense for something that is used occasionally. Instead of each household purchasing and owning the tools, there could be a community cache of tools that could be checked out as needed and then returned.

Fire prevention

Currently, the site has been weedwacked to mitigate concerns around fire. Grazing is a potential way to reduce effort and fossil fuels by bringing in a few goats / sheep annually to eat the grass. There are also ecological benefits to grazing as all the biomass is cycled through the animals back into the soil. Getting

goats of your own is an option although keeping them year round is a big commitment and hiring them as needed seems a more prudent option.

There are significant ladder fuels looking down the hill into the riparian area that could be removed. I would look to prune all ladder fuels up to about 8’ to mitigate the potential of a fire crowning in the trees. The slope is quite steep and this would be a reasonably strenuous job but very worthwhile and something you would really only need to do once every few years. In addition to mitigating fire, this would also be aesthetically pleasing.

Mulch

Simply increasing organic matter will be beneficial. Mulch is great as it acts as a sponge holding moisture and providing a fantastic environment for microbiology to flourish. I would look into utilizing chip drop (https://getchipdrop.com/) and engaging local arborists. Any prunings should be chipped and returned to the soil onsite (not hauled away). The more organic matter the better!

For assistance on design and installation of any above components contact Charles Upton cupton@osoeco.co

Appendix D -

Collaborators and Sponsors We Dream

We hope for a robust and action oriented advisory council to help us consider scale while empowering the community, as we work to implement Phase 1. We also seek collaborators, sponsors, funders, and enablers ready to support integrated, systems science based community programming that connects neighbors around creating healthy soil and leverages the incredible wealth of resources available from our 3000 Resource Conservation Districts in the United States.

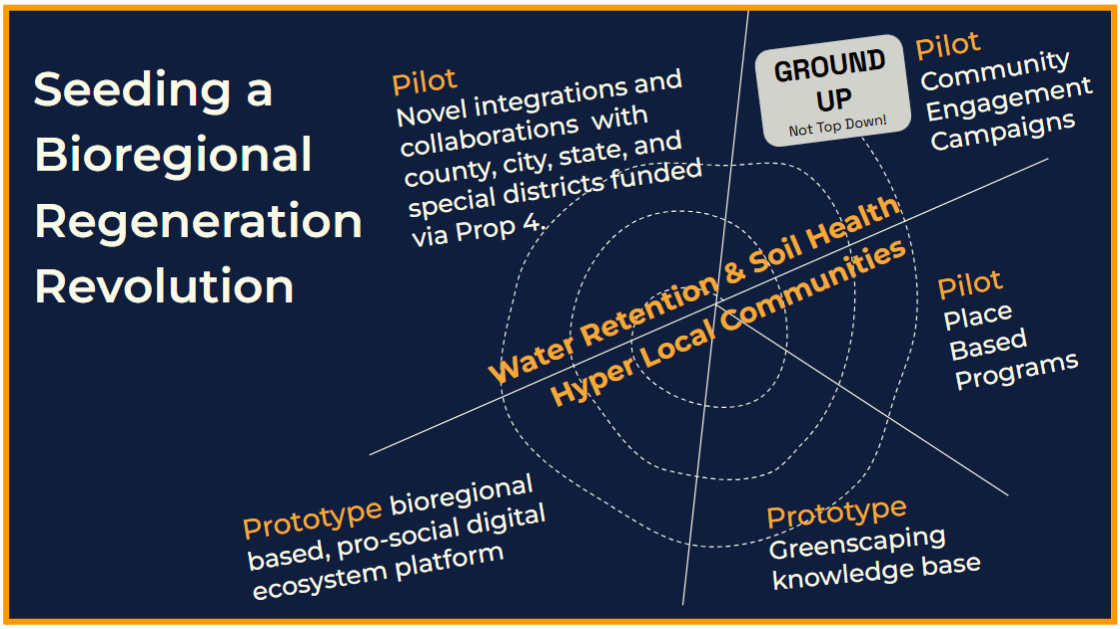
Join us for an exploratory meeting where we present these ideas followed by a 30 minute Q&A with participants. Register **HERE (INSERT LINK)**

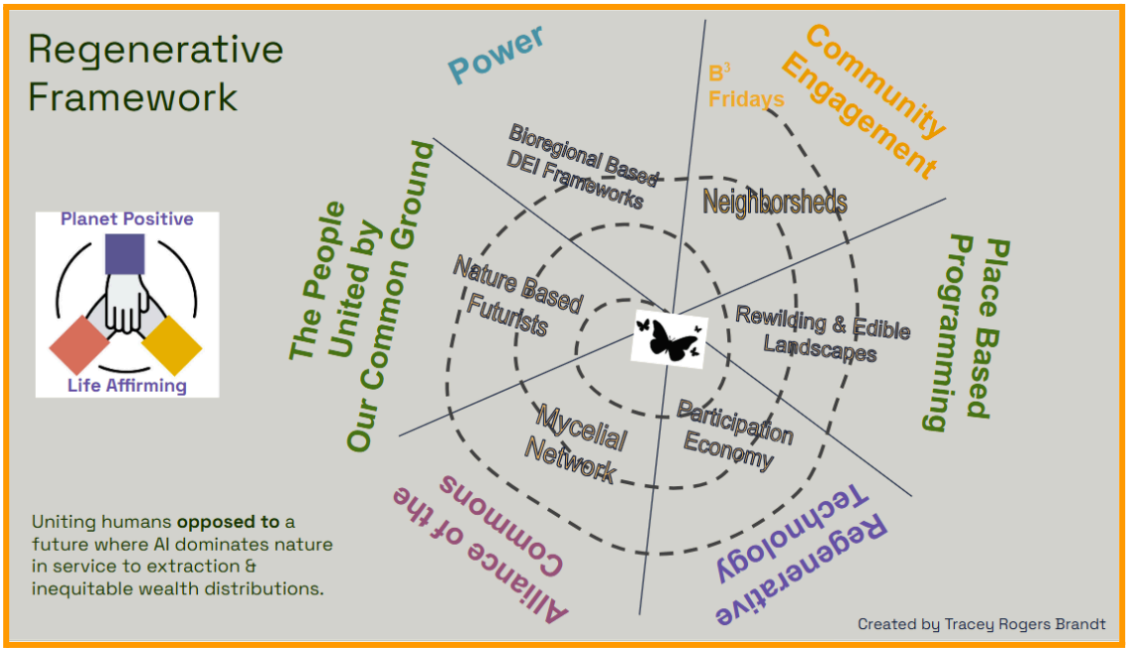
Asian Pacific Environmental Network (APEN)	Foodscaper	Regenerative Organic Alliance
Bay Keeper	Friends of the Earth	Regenerative Technology Project
Bio4Climate	Girls Garage	Rich City
Biotonomy	Greenbelt Alliance	Richmond Rising
Blue EarthPlanning, Engineering & Design	Groundwork Richmond	Richmond Rising
Cal Trans	HealthTek	Rootid
California Association of Resource Conservation Districts	HOK	San Francisco Estuary Institute
California Conservation Corps	Hyphae Design	Savory Land To Market
California Department of Conservation	Inequality Media	Soil Food Web School
Capital Institute	John Muir Land Trust	Sugi
Carquinez Regional Environmental Education Center	Living Between Worlds	The Biomimicry Institute
Center for Biological Diversity	Mad Agriculture	The Othering & Belonging Institute
Communities for a Better Environment	National Association of Conservation Districts	The Solutions Project
Contra Costa Community College	Next River	The Watershed Nursery
Democracy Next	Peralta Community Colleges	Together Bay Area
Earthscale Ventures	Plant It Wild	Urban Tilth
East Bay Regional Municipal District (EBMUD)	Planting Justice	Water Stories
East Bay Regional Parks (EBRP)	Regenerative California	Yield Giving

Appendix E - Circular Patterns

The following graphics were created by Circular Patterns during 2023-2025, in addition to graphics shared above, to ignite imaginations around unimaginable possibilities from Bioregional Regeneration Programs, empowering the people and leveraging the experts. Innovative and emergent nature based technology can be a wonderful tool, if placed in the hands of THE PEOPLE, being guided by the Biosphere Process experts.

In May 2024 ideations around Neighborsheds were presented to the Global Regenerators Collab (GRC) Regenerative Economics Group. [Here is a link to the slides]():





Funding Opportunity

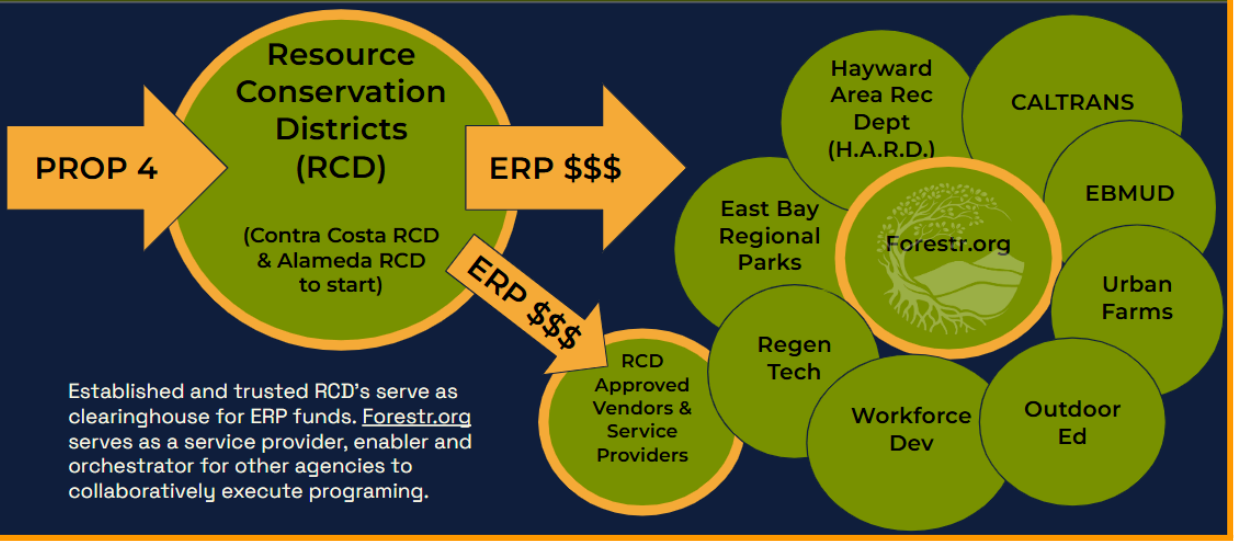
Prop 4 Climate Bond

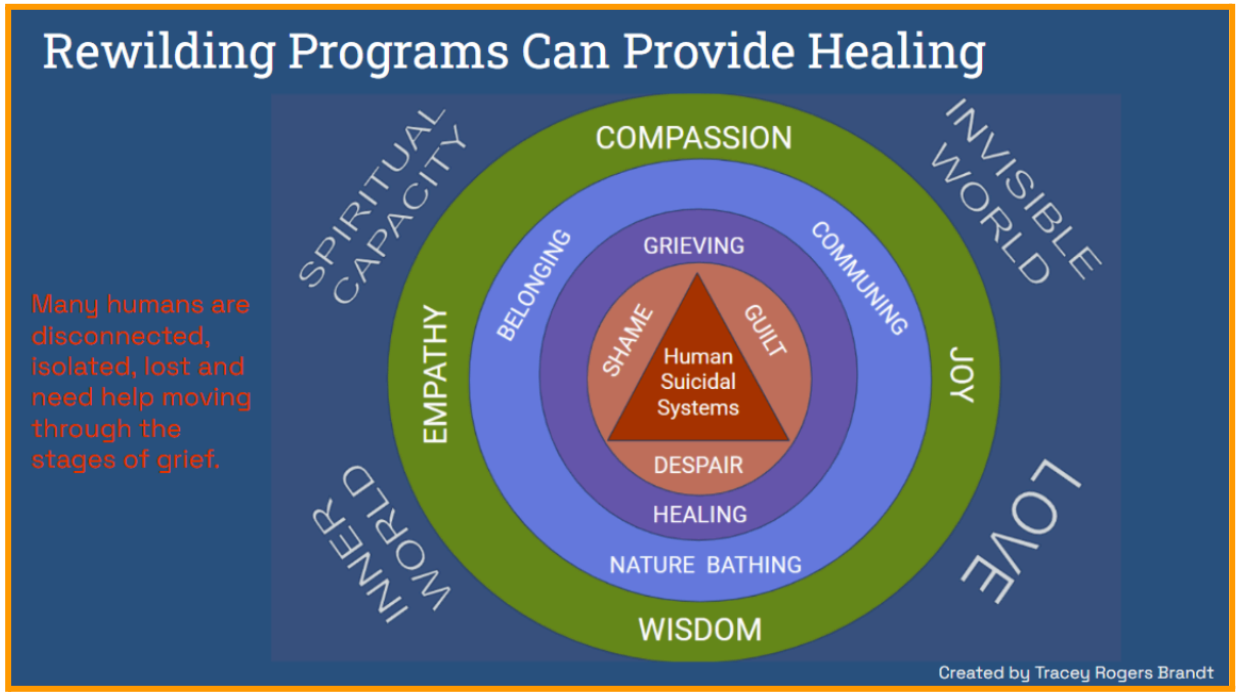
$3.3 billion now authorized to roll out for the following:

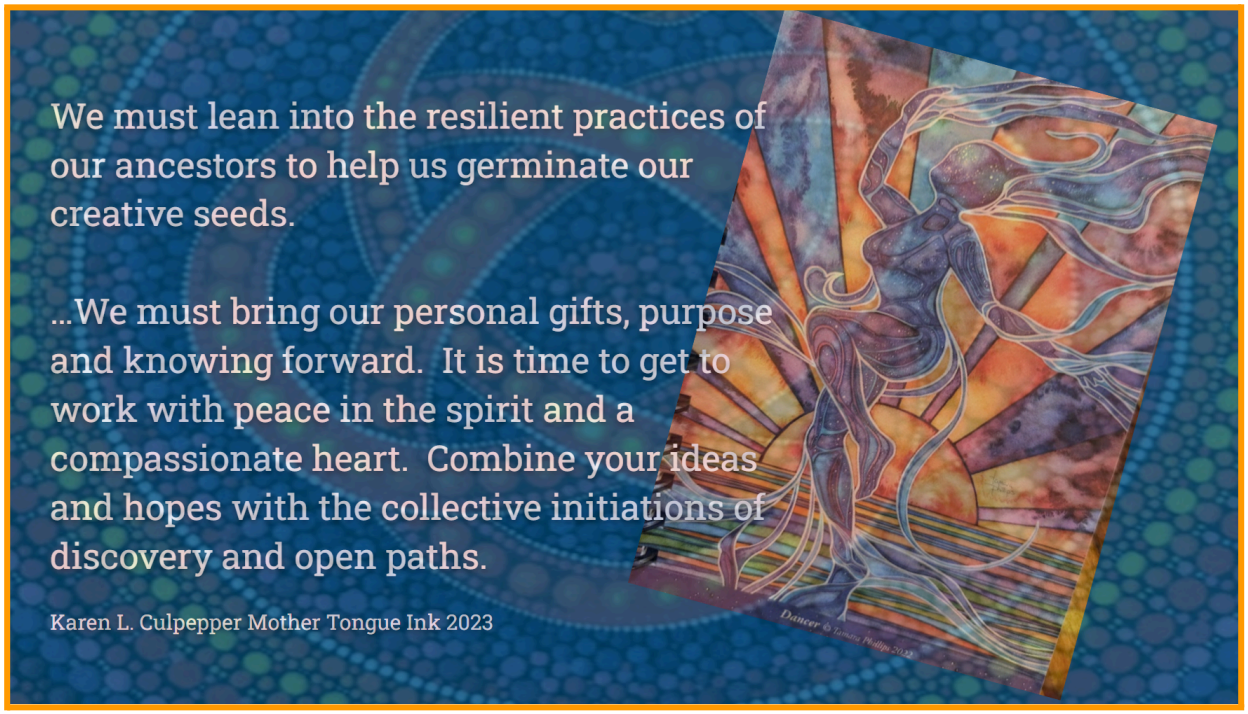
- → $1.2 billion for water quality, drinking water, flood protection, drought and water resilience
- → $415 million for wildfire protection and forest resilience +$181 million in early action
- → $279 million of coastal protection and resilience
- → $110 million for extreme heat mitigation
- → $390 million for biodiversity and nature based solutions
- → $153 million for climate smart agriculture
- → $466 million for park creation and outdoor access
- → $275 million for clean air and energy

Funding Opportunity via Prop 4 Climate Bond

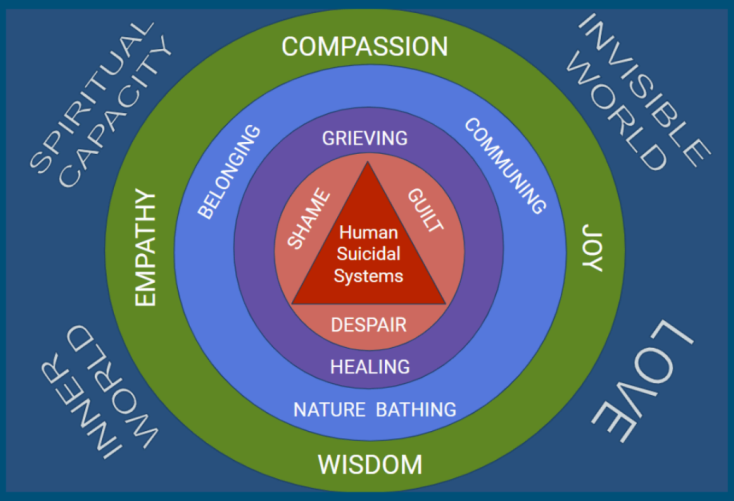
Emergency Rulemaking Process (ERP) Leveraging RCD's

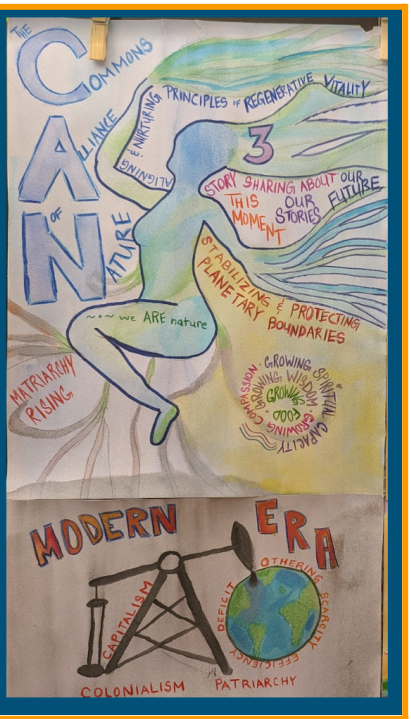



Rewilding Programs Can Provide Healing
Many humans are disconnected, isolated, lost and need help moving through the stages of grief.
SPIRITUAL CAPACITY
COMPASSION
INVISIBLE WORLD
EMPATHY
JOY
INNER WORLD
LOVE
WISDOM
BELONGING
COMMUNING
GRIEVING
SHAME
GUILT
Human Suicidal Systems
DESPAIR
HEALING
NATURE BATHING
Created by Tracey Rogers Brandt


We must lean into the resilient practices of our ancestors to help us germinate our creative seeds.
...We must bring our personal gifts, purpose and knowing forward. It is time to get to work with peace in the spirit and a compassionate heart. Combine your ideas and hopes with the collective initiations of discovery and open paths.
Karen L. Culpepper Mother Tongue Ink 2023

HOW do we change the arc of humanity in the time that remains?





THERE WILL BE NO COMMUNITY WITHOUT FIRST COMMUNING.

~ Nora Bateson
Combining, pages 4 & 327

The Commons Alliance of Nature (CAN) builds community, fosters new relationships, facilitates transcontextual experiences, aligns purpose & passion, enables education and training for humans suffering from the polycrisis, seeking direction for how to help **AND survive in our current Built World dominated economy collapsing more everyday.**

Build a tool for learning by practice

Indigenous Practice		Universal Classification
Stewards of all life & planet Earth	→	Stabilizing Planetary Boundaries
Stewards of human communities where self actualization is the norm and wealth is measured by generosity	→	Principles of Regenerative Vitality
Narrative Storytelling to grow wisdom and compassion for generations	→	Story Sharing & Community Building

New Platform based on Universal Classification System

- Provides transformation pathway from current world to a new modern dream, based on sufficiency and abundance rather than efficiency and scarcity.
- Maximizes value creation via unbundling industrial era boundaries and systems AND rebundling them to create novel systems, with new forms, boundaries and abundant value creation shared equitably. [1]

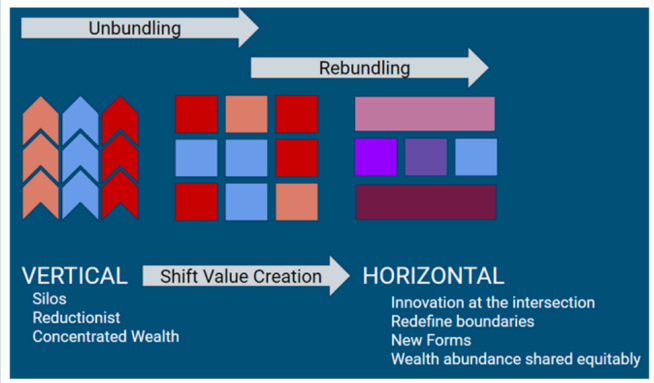


Figure 3: Unbundling and Rebundling the Human Economy[8].

[1] Adapted from Choudary, Sangeet Paul, *The Fast Future Blur*, Chapter 1, The Fast Future Arsenal,. Adapted from Figure 1.1, pg 5, the Illustrative diagram of the shift from vertical to horizontal value creation through unbundling and rebundling.

Insight from labels associated with user input and actions, as it relates to each of the 20, overlaid with bioregional data (soil, ground water, geology, temperature, population, biodiversity, political, etc.), is unimaginable with infinite possibilities for each bioregion to customize, iterate, change and create more possibilities!

STABILIZE 9 PLANETARY BOUNDARIES	1	Climate Change
	2	Biosphere Integrity
	3	Land System Change
	4	Freshwater Change
	5	Biogeochemical Flows
	6	Ocean Acidification
	7	Atmospheric Aerosol Loading
	8	Stratospheric Ozone Depletion
	9	Novel Entities
RECONSTRUCT HUMAN ECONOMY BASED ON 8 PRINCIPLES OF REGENERATIVE VITALITY	1	In Right Relationship
	2	Empowered Participation
	3	Views Wealth Holistically
	4	Innovative, Adaptive, Responsive
	5	Seeks Balance
	6	Edge Effect Abundance
	7	Honors Place & Community
	8	Robust Circulation
STORY SHARING & COMMUNITY BUILDING	1	Our Story
	2	This Moment
	3	Our Future

Figure 2: The 20 focal areas of the Universal Classification System.

Story Sharing & Community Building



Stabilizing Planetary Boundaries

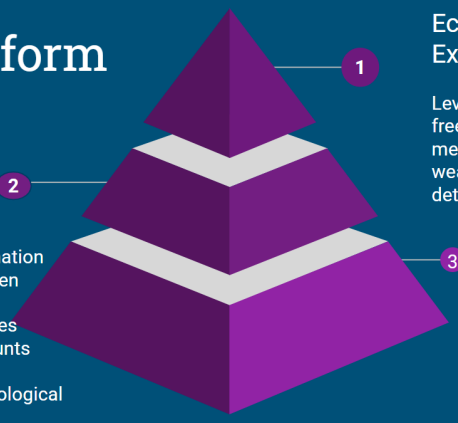


Planet Positive Human Economy



What could we imagine or create or practice that is not supportive of at least one of these twenty areas? If none are supported perhaps it is a bad actor and should be provided transformation pathways?

The U20 Platform



Ecological Communications & Experiences

Leverage AI + LM for mundane tasks to free up humanity to live a self actualized, meaningful life in service to all life with wealth measured in generosity as determined by actions.

Abundance Enabler and Creator

- Bioregional centric transformation
- Urban Edible Front Yard Garden Programs
- Bioregional Financing Facilities
- Bioregional Land Trust Accounts
- Offers & Needs Markets
- Regenerative Marketing & Ecological Communication Campaigns
- Crypto/blockchain value linked to actions & BFF's & BLTA's
- Social networks within CAN

3 Novel Platform Built upon Universal Classification (U20)

When a complex system is far from equilibrium, small ~~islands~~ meadows of coherence in a sea of chaos have the capacity to shift the entire system to a higher order, when they grow together.

~ Adapted from Ilya Prigogine's 2020 quote