



What If We Are Standing Upon, And Next To, Meta-Crisis Solutions?



Healthy Soil



Neighbors



Forestr.org Invites You to Join The Bay Delta Weave

Co-creating Bioregional
based pilot programs and
prototypes, to educate, train
and empower communities
to restore and regenerate
their hyper local water cycles
and soil health.

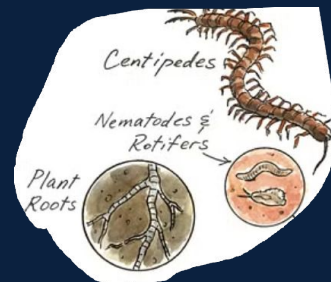




Forestr.org is a 501(c)(3) non-profit founded in 2019 dedicated to revitalizing shared community spaces through the restoration of native wildlife habitats.

- Empower communities to build hyper-local programs dedicated to cleaning, greening, and gleaning of private and public spaces.
- Offer learning, mentoring and training opportunities with ForestR Rangers and the Miyawaki Method
- Pocket Park landscape designs that **maximize water retention** and **soil animal biodiversity**

WE
ARE
NATURE



Soil Animals

Growing Food Community and Soil Animals



We believe most every ecological target can benefit from designing hyper local, community centric, led, and managed projects and programs, that focus on soil health, and specifically to maximize:

- **Water retention**
- **Soil animal biodiversity**

Ripples of Abundance

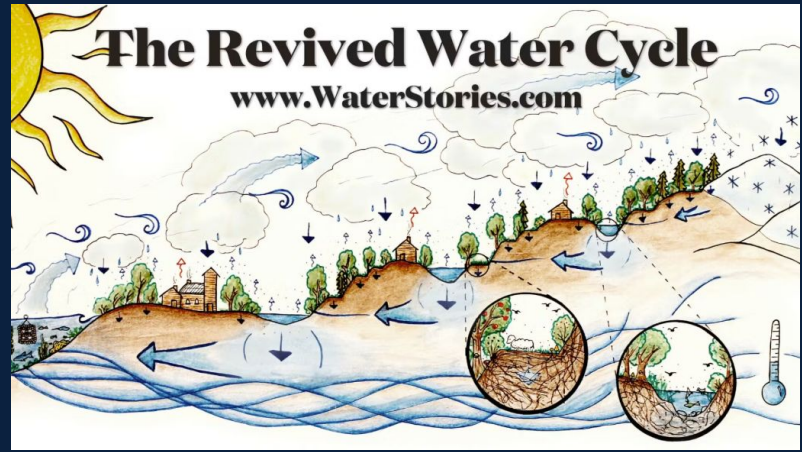
Water retention

- Water resilience
- Reduced wildfire risk
- Coastal resilience, flood protection
- Extreme heat mitigation
- Increased flora & fauna biodiversity
- **Restoring local water cycles**

Soil animal biodiversity

- Healthier crops, animals and people
- Mycelial support for plants & trees
- Humus production
- Native trees & plants flourish and thrive
- **Regenerating local water cycles**

Transforming watersheds into water-catchments.



[Watch Water Stories Video](#) about reviving local water cycles

Decentralized water retention landscape designs, restore and regenerate the water cycle!

Decentralized water retention projects rehydrate landscapes and restore the health and vitality of ecosystems and communities. Designing landscapes for water flows, creates positive ripple effects through the web of life, creating local feedback loops built to scale. In this way, the Full Water Cycle can be restored, and with it a balanced and productive climate!

Village Homes, Davis, California 1974

Village Homes was designed to hold water. After 50 years, the soil was deep enough that a 500-year rain event; 5 inches of rain in a day, produced NO flooding. The point of land management, from the Biotic Pump point of view, is to ensure that rain water slows down long enough to seep back into the ground. By working with natural contours, by asking, "What does water want?" effective management practices put ponds, swales, rain gardens, and small dams in place to hold and direct water to trees and other features that all help to keep the rain water that falls.

Land Management

Working with nature through contouring land to hold water refreshes aquifers and underground water and reduces costs.



Village Homes not only did not flood, but it also received additional runoff water from surrounding areas!

This 1974 design and build project reduced construction costs by forgoing cement pipes for the stormwater system. Instead budget was applied buying fruit trees.

The soil held water to a depth of one foot in the first year, 10 feet in the second year and 17 feet in the third year. The project is now 50 years old.

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Current Programs



Participatory Greenscaping

We activate local communities with our cleaning, greening and gleaning programming.

We engage local communities in the care and service of their landscapes, including paying the de-housed and offering tech based challenges to gamify participation with redemption options.

We empower local communities to become self determined and proud of their greenscaping achievements.





CLEANING PROGRAMS

We are not just cleaning up. **We are lifting people up!**

Our approach empowers all community members, including the de-housed, to belong and grow pride in their hometowns. Working together, neighbors ensure every corner of their community is cared for.





GREENING PROGRAMS

We are not just planting gardens and trees.
**We are growing communities where all life
is celebrated and belongs!**

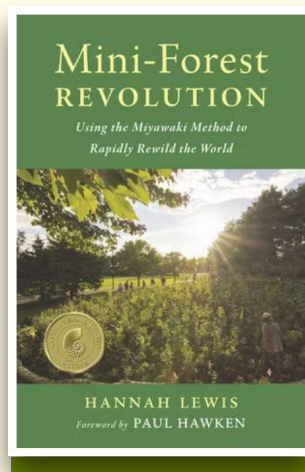
Pocket Parks



Food Forests



Miyawaki Forest





GLEANNING PROGRAMS

We are not just picking fruit. **We are reimagining hyper local community abundance distribution!**

Gleaning programs include harvesting excess crops and distributing the healthy, locally grown food via resource partners throughout the community.

Alameda



Contra Costa



Solano



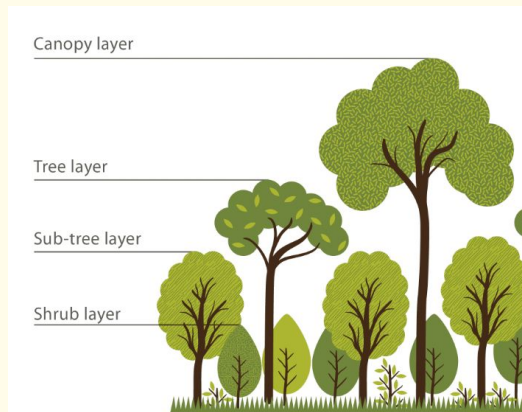
Forestr.org

Emergent Programs



ForestR Programs Coming Soon!

Miyawaki Method Pocket Forests



**Planting at
Monarch Park soon!**

ForestR Challenges App

**Welcome Forestrs to your
Green Challenges lobby!**

Join, create, and complete challenges that keep your community clean, green, and growing. Take action, track your impact, and help make a difference today.



ForestR Rangers Program



**Volunteers Become
Paid & Credentialed**

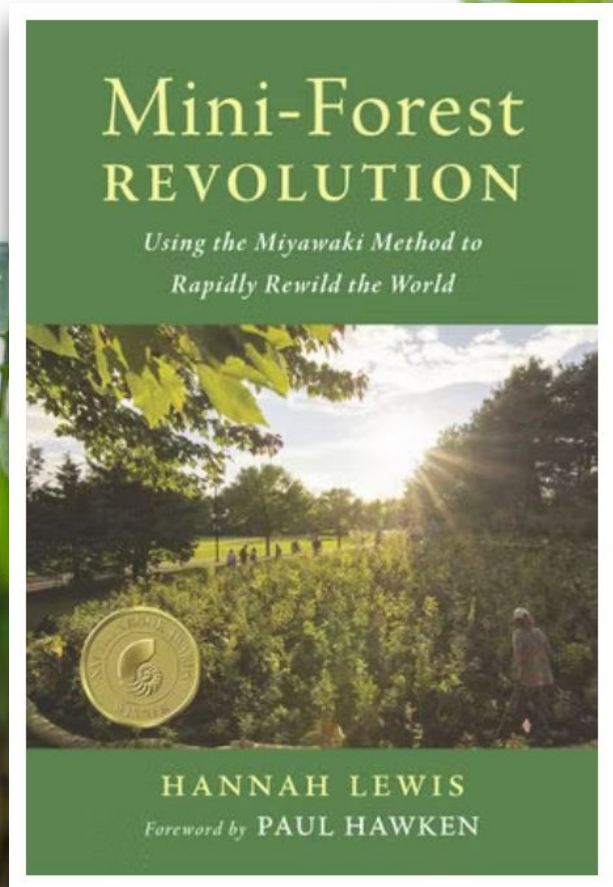
“Mini-forests are where we touch life.”

“There may be no single climate solution that has greater breadth of benefits than mini-forests: water, shade, coolth, pollinators, food, birds, biodiversity, water storage, carbon sinks, clean air.

When given the space, mini-forests grow sideways, not just up. They germinate, they spread, they enlarge. In open land, they are forest ‘seeds.’ They generate themselves and all of life.”

~Paul Hawken

Mini-Forest Revolution



A stylized graphic of a tree with roots and branches, set against a dark blue background. The tree's roots spread out across the bottom, and its branches reach upwards. The background also features a subtle silhouette of a mountain range.

Six Steps of Making a Miyawaki Forest*

- 1 Survey Local Forest to identify Potential Natural Vegetation (PNF) for Canopy, Tree, Sub-tree and shrub layer
- 2 Procure seedlings from a local natural forest to grow saplings or procure from local native nursery who did.
- 3 Soil preparation to become soft and full of nutrition ready to attract microbes, just like soil in a natural forest.
- 4 Reintroduce microbes to enhance soil micro-biology with compost tea to enable soil to produce humus.
- 5 Plant seedlings/saplings at rate of 3 - 5 per square meter
- 6 Cover soil with thick layer of straw mulch to protect soil microbes from UV sterilization and winter frosts and snow.

ForestR Empowers Local Communities

We deeply believe every community should be afforded opportunity for self determination.

We are allergic to prescriptive top-down cookie cutter solutions.

We are humble and nimble and believe our greatest strengths lie in offering customizable frameworks that engage communities to care for their landscapes.



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Visions of Collaborations





Collaborations' Desired Outcomes

To support hyper local communities' self-determination and resiliency while educating, training and empowering them to restore their hyper local water cycles and soil health.

Our multifaceted approach works holistically, based on complexity science, to restore and regenerate life cycles, that increase flora and fauna biodiversity, create healthy soil ready to absorb and sink carbon, grow healthy food, and become water catchment systems that restore natural water flows, water tables and ancient aquifers.

With neighbors working together, hands in soil, the cascades of positive impact ripple into a wave, that can usher in a bioregional movement.



Collaborations'

Remembering Older Ways

"Older ways of life know the world as animate, as alive. That means the world is treated with the same regard and esteem as is every living thing in it. People living these older ways of life know themselves as of the world, made of the same things in the same ways.

In modern, sophisticated ways of life the world is inert and inanimate, a staging ground for life, but not itself alive. People living in that way tend to feel a bit like visitors or strangers to the world, uniquely wrought. But this faith in the unprecedented, singular self turns out legions of solitary, stand-alone people. This faith is hard on companionship. These people fan out over the countryside, compelled by need, bent on getting those needs met.

There are cultures that know that the ways of the world include them and that the ways of the world need them to be able to continue. **These cultures know that the essence of being human is the learned capacity to maintain the world, or to care for the world as they are cared for.** They understand themselves as needed by the world in order for the world to continue, not as fodder or raw material but as caregivers. Their technology has grown in accordance with their ability to maintain the world."

--Jenkinson, Stephen. *Die Wise* (pp. 21-22). North Atlantic Books. Kindle Edition



Collaborations'

Indigenous Regenerative Practices

Become a built world that is planet positive and life affirming by learning, honoring and applying Indigenous Regenerative Practices (IRP) that are holistic, landscape-scale, edible ecosystem designed, and rooted in reverence, kinship, and reciprocity with the land.

Crucial is to adopt IRP values system, which IRP Practitioners embody, that is rooted in humility, respect, reciprocity, relationality, responsibility, and love for the land and water.

¹ Adapted from [The Indigenous Roots of Regenerative Agriculture](#), [Lula June Johnston](#), July 16, 2025
Oxford Research Encyclopedia of Food Studies.

Seeding a Bioregional Regeneration Revolution

Uniting humans in favor of
nature driven AI Innovation
(as opposed to financial market
driven AI Innovation)

Pilot

Novel integrations and
collaborations with
county, city, state, and
special districts funded
via Prop 4.

**GROUND
UP**

Not Top Down!

Pilot

Community
Engagement
Campaigns

**Water Retention & Soil Health
Hyper Local Communities**

Pilot

Place
Based
Programs

Prototype bioregional
based, pro-social digital
ecosystem platform

Prototype
Greenscaping
knowledge base



Pilot

Community Engagement Campaigns

1. Rewilding Landscape ForestR Challenge Campaign

→ CTA = Join Block x Block Challenge

2. Free The Soil Animals ForestR Challenge Campaign

→ CTA = Join Block x Block Challenge

3. Bioregional Regeneration Land Trust Campaign

→ CTA = Bring a Miyawaki Method Pocket Forest to your community,
elevate your Block x Block Campaign to becomes a Neighborshed!



Pilot

Placed Based Programs

1. **Block x Block:** Rewilding Landscape ForestR Challenge
2. **Miyawaki Method Pocket Forest:** Plan, design, install, and ongoing care & use
3. **Neighborsheds:** Bioregional Regeneration Land Trust (BRLT)



Block x Block ForestR Challenge

Placed Based Pilot Program

Why

To maximize water retention in urban and suburban landscapes.

What

Remove weed barriers and plastic lawns and replace with fresh tree mulch from local arborists with drainage rock perimeters for water retention.

Who

Everyone ready to greenscape where they live.

Where

Pilots planned for Contra Costa & Alameda Counties

When

As soon as funding and resources are identified.

How

Extend ForestR programs with support from TBD (RCDs, HARD, EBRP, ?)

1

Block x Block ForestR Challenge

Placed Based Pilot Program



RESTORE

Remove plastic lawns and weed barriers that dehydrate, starve and suffocate the soil animals we depend upon for healthy soils able to retain water.



REGENERATE

Replace with fresh tree mulch and drainage rock perimeters to restore water and oxygen flows and retention in the lifeless dirt.



REIMAGINE

Celebrate having freed the Soil Animals! Embrace whimsy, reuse and nature's bounty when creating open spaces and places to sit and just be.



Block x Block ForestR Challenge

Placed Based Pilot Program

Labor

- ForestR Rangers recruit local volunteers who become “ForestR’s”
- ForestR volunteers track care and service participation
- Together they recruit residents to participate in the Block x Block Challenge.

Technology

- ForestR Challenge App

Materials

- Fresh tree mulch
- Drainage rock

Place

- Location for receiving mulch and rock, for the block
- Emergency Rulemaking to assist blocks to receive mulch and rock (like parklets during COVID)

2

Miyawaki Method Pocket Forest Placed Based Pilot Program

Why

To maximize water retention in urban and suburban landscapes.

Where

Pilots planned for Contra Costa & Alameda Counties

What

Creating natural, wild, maintenance free (after 3 years) native pocket forests.

When

As soon as funding and resources are identified.

Who

Everyone ready to greenscape where they live.

How

Extend ForestR programs with support from TBD (RCDs, HARD, EBRP, ?)

2

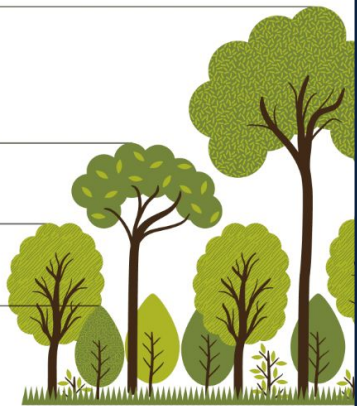
Miyawaki Method Pocket Forest Placed Based Pilot Program

Canopy layer

Tree layer

Sub-tree layer

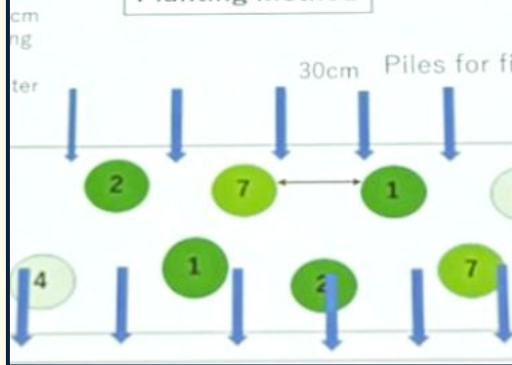
Shrub layer



PLAN

Identify site no smaller than 1000 square feet and research Potential Natural Vegetation (PNF) for Canopy, Tree, Sub-tree and shrub layer.

Planting method



DESIGN

Design your pocket forest planting and your vision for the forest to provide living open spaces to connect to nature and our community.



INSTALL

Invite the community to participate in planting, labeling and knowing the saplings that will grow into a self sustaining forest in 3 years.

2

Miyawaki Method Pocket Forest

Ongoing Care and Use



2

Miyawaki Method Pocket Forest

Ongoing Care and Use

According to Dr. Akira Miyawaki, “Real forests made up of trees native to the area, are three-dimensional, multi-layered communities having **3,000% more**:

- Green surface area than single-layered lawns
- Ability to protect against natural disasters
- Ability to conserve the environment



3

Neighborhood Bioregional Regeneration Land Trust (BRLT) Placed Based Pilot Program

Why

To maximize water retention in urban and suburban landscapes.

What

Remove weed barriers and plastic lawns and replace with fresh tree mulch from local arborists with drainage rock perimeters for water catchment.

Who

Everyone ready to greenscape where they live.

Where

Pilots planned for Contra Costa & Alameda counties

When

As soon as funding and resources are identified.

How

Extend ForestR programs with support from TBD (RCDs, HARD, EBRP, ?)

3

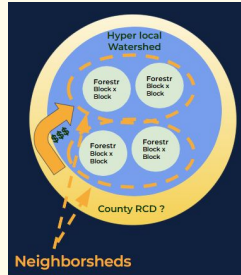
Neighborhoods BRLT Placed Based Pilot Program

PROTOTYPE Greenscaping Knowledge Base



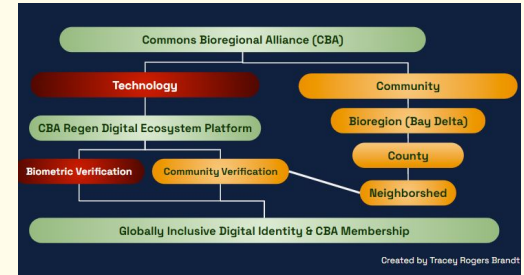
LLM's that centralize disparate county data including use, ownership, history, zoning, ecological status, tribal, geology, soil, climate history, demographics, and more.

PROTOTYPE Digital Ecosystem Platform



Bioregional based, pro-social digital ecosystem platform to pilot participatory economic models where ForestR volunteers can track care and service actions with value being created, held and redeemable in the future.

PROTOTYPE Digital Identity System



Bioregional Based Digital Identity System with **Human AND AI Verification of Human Hood.**

3

Neighborhood BRLT's Enable Placed Based Pilot Program

Resiliency Hubs

- Community centric, led and managed programs and projects
- Emergency preparedness
- Food and Water Circularity
- Mutual aid
- Shared learning and resources

Governance

- Citizen Assemblies
- Small 'd' democracy
- Collective well being
- Stewardship replacing ownership models
- Regenerative Reverse Mortgages

3

Neighborshed BRLT's Enable Placed Based Pilot Program



The Bay Delta Weave

Co-creating a shared
bioregional knowledge base to
map bioregional
“green-scaping” assets / offers
with liabilities/ needs, in each of
the 13 counties.



Scan Me

We define the Bay Delta Bioregion for the purpose of this collaboration, to be aligned with the **California Department of Fish & Wildlife (CDFW) Region # 3** which includes 13 counties where Yolo, San Joaquin and Sacramento Counties are split between regions based on watershed.

3

Neighborhoods BRLT

Placed Based Pilot Program

PROJECT:

Co-create a Regenerative Technology Tool to enable communities' to scale participatory greenscaping programs and projects.



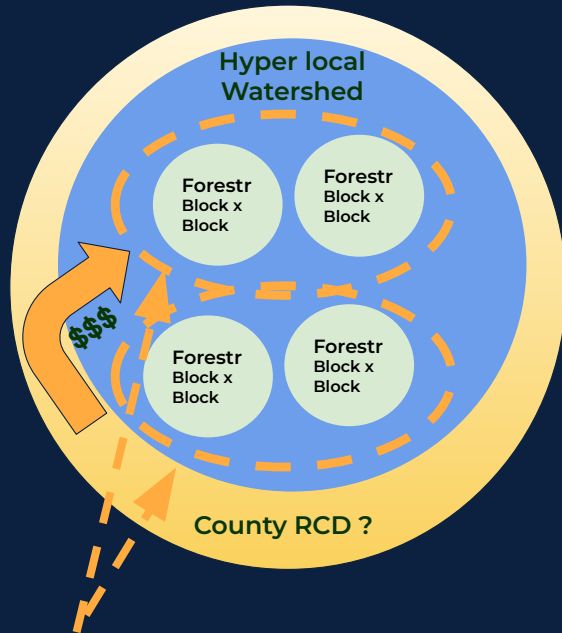
**REGENERATIVE
LANDSCAPING**

QUERY: Show me all Contra Costa county owned land that is undeveloped or underdeveloped within 0.5 miles of an above ground creek.

RESULTS: Based on a TBD new project to create LLM's that centralize disparate county data including use, ownership, history, zoning, ecological status (brownfield, greenfield), tribal, geology, soil, climate history, demographics, and more.

3

Neighborhoods BRLT Placed Based Pilot Program



Neighborhoods

PROGRAMING:

Trial regenerative economic models based on communities care and service of local landscapes, where participants actions create value that is held and redeemable..

PROJECT:

Prototype co-creation of digital and geographic based “container” for community activation, enabled by a novel, pro-social digital ecosystem platform.

LOCATION:

Contra Costa and Alameda Counties

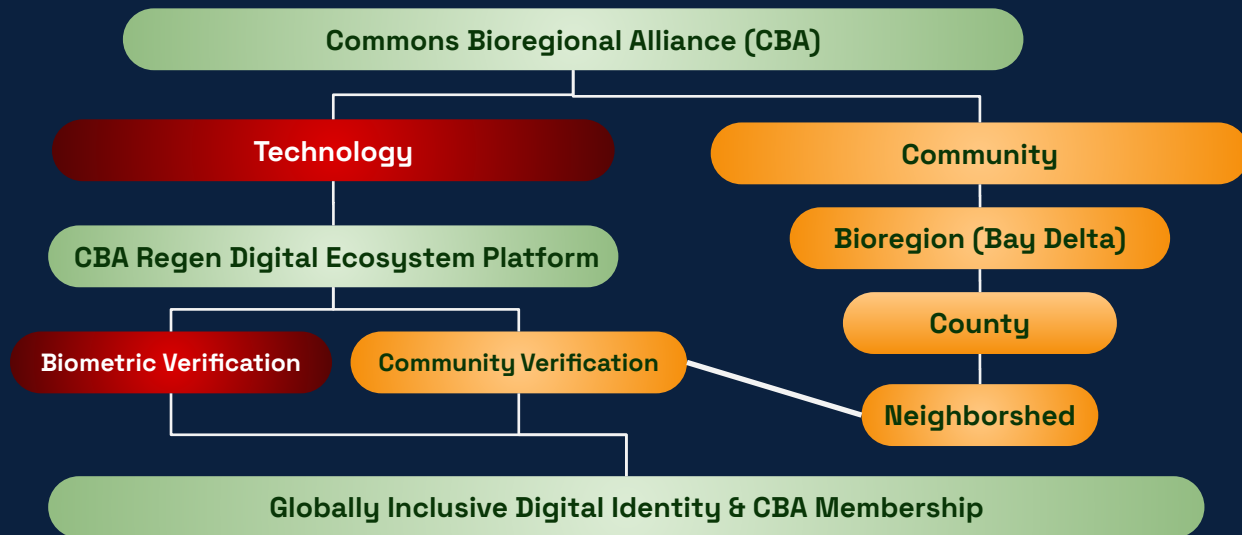
FUNDING:

TBD. Explore Emergency Rulemaking for Prop 4 Climate Bond in collaboration with county RCD's, to begin work immediately, in advance of grant availability.

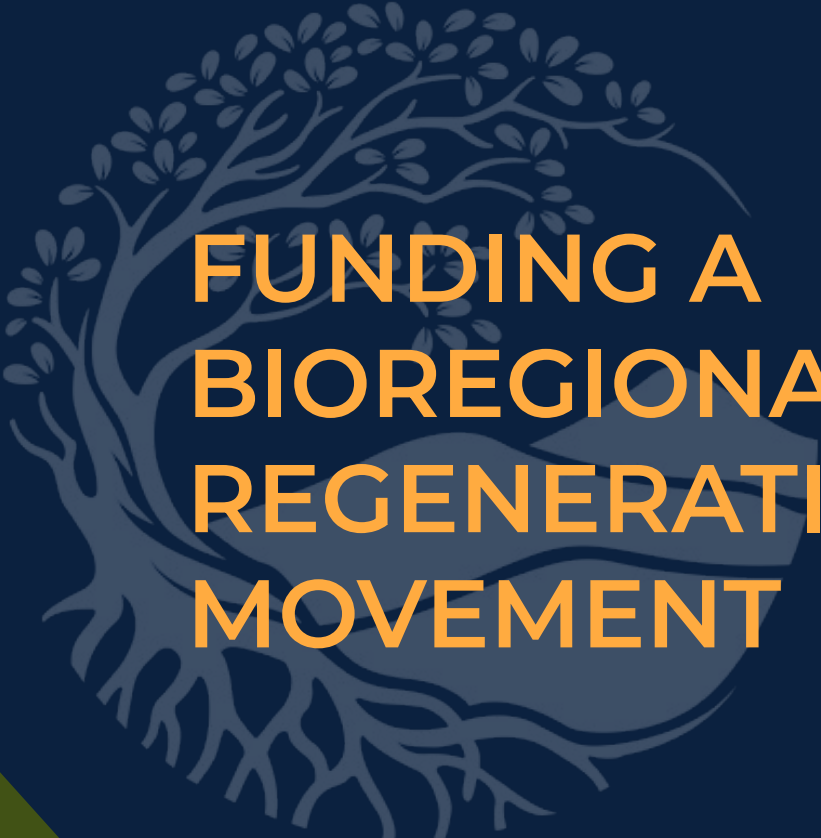
3

Neighborhoods BRLT Placed Based Pilot Program

Bioregional Based Digital Identity System with **Human AND AI Verification of Human Hood.**



**WE
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**FUNDING A
BIOREGIONAL
REGENERATION
MOVEMENT**



Funding

Prop 4 Climate Bond Emergency Rulemaking Process

Leverage the \$3.3 billion of Prop 4 funds, released in the latest California Budget Act, via the Emergency Rulemaking Process, to fund the creation of the collaboration, **given the climate and democracy emergencies faced by California.**

- An “emergency” means a situation that calls for immediate action to avoid serious harm to the public peace, health, safety, or general welfare. (Government Code section 11342.545.)
- In order for an emergency regulation to be approved, an emergency situation must be shown to exist.



Funding

Prop 4 Climate Bond Emergency Rulemaking Process

\$3.3 Billion is Now Authorized to Rollout



~ \$1.2 Billion for Water Quality,
Drinking Water, Flood Protection,
Drought and Water Resilience



~ \$390 Million for Biodiversity
and Nature-Based Solutions



~ \$415 Million for Wildfire
Protection and Forest Resilience
+ \$181 Million in Early Action



~ \$ 153 Million for Climate
Smart Agriculture



~ \$279 Million for Coastal
Protection and Resilience



~ \$466 Million for Park Creation
and Outdoor Access



~ \$ 110 Million for Extreme
Heat Mitigation



~ \$275 Million for Clean Air and
Energy



Funding

Prop 4 Climate Bond Emergency Rulemaking Process

How Funds Can Be Used

Bond statute specifies how funds can be used.

Three primary program types:

- **State-Managed Projects**
- **Directed Programs**
- **Grants for Local Communities**

The Legislature also designated Climate Bond funds for specific projects within programs.



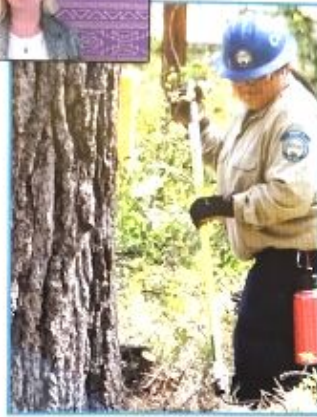


Funding

Prop 4 Climate Bond Emergency Rulemaking Process

State Managed Projects

Example: Salton Sea
Management Program



Directed Programs & Specified Projects

Example: CA Conservation Corps
grants to Local Conservation Corps

Grants for Local Communities

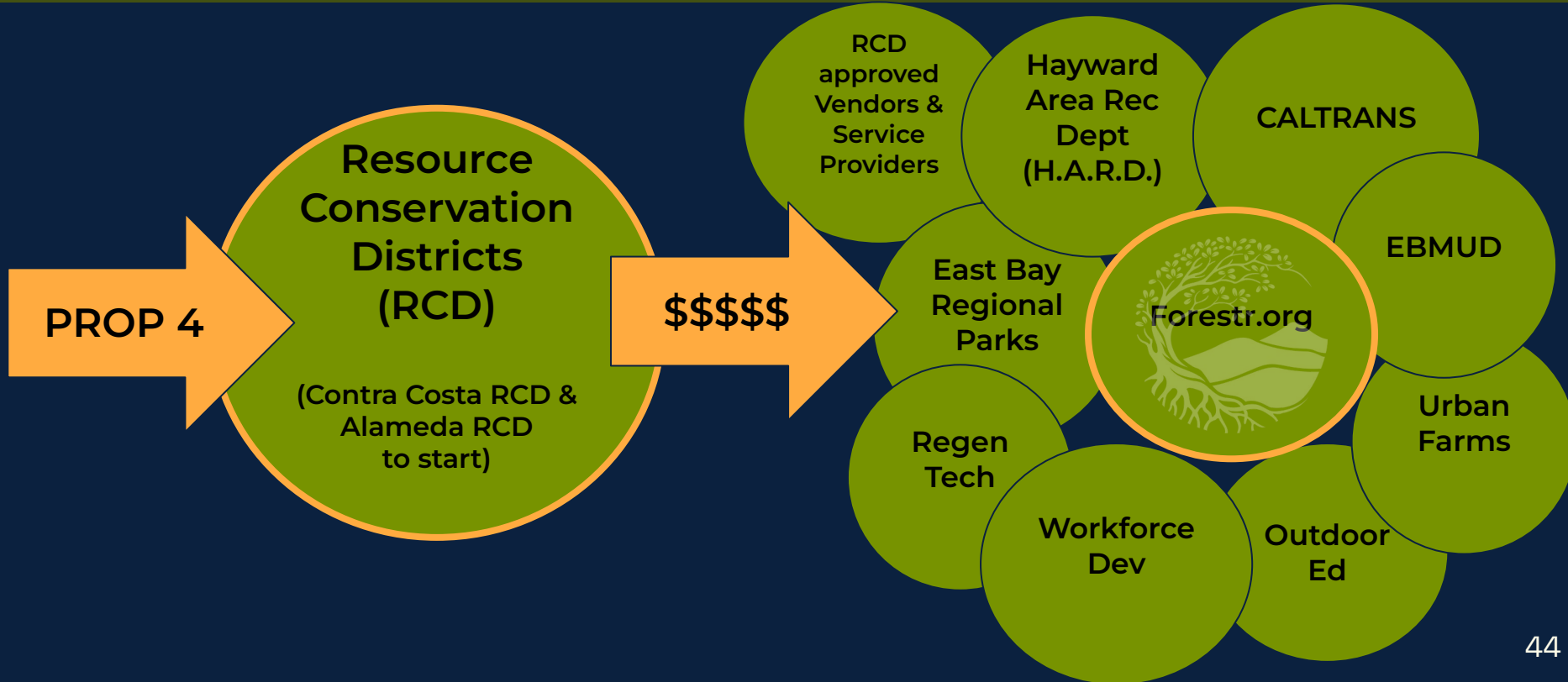
Example: Urban Greening





Funding

Prop 4 Climate Bond Emergency Rulemaking Process





**MORE DETAIL IN FUNDING
SECTION COMING AFTER
TRACEY RETURNS FROM
GRASS VALLEY 10/20/25
:)**



Save Soil Animals From Big Oil!

The New York Times

Published July 26, 2025 Updated July 31, 2025

Plastic Turf Fields Are Taking Over America

The debate over whether to install turf over grass fields has become a referendum on sports, health, the environment and the use of scarce public resources.



The Oil & Gas industry has created a global plastics market valued at approximately USD \$524.48 billion in 2024 according to Google.

Projections indicate a substantial increase to **USD \$754.23 billion** by 2032, demonstrating a compound annual growth rate (CAGR) of 5.1% from 2025 to 2032!

**WE
ARE
NATURE**

Thank you!

**We welcome inquiry and
offers for collaboration!**

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