

From Bioneers' Bio-warriors to Infinity and Beyond!

By Tracey Rogers Brandt

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In March 2030, during the opening remarks at the 41st Annual Bioneers Conference, Nina and Kenny turn into puddles of joyful tears as sixty-five kindergarteners parade down the aisles and onto the stage at Zellerbach Hall, to offer gratitude with a performance to honor Bioneers and all of the Bio-Warriors, some who met for a week long retreat not long after the 36th Annual Bioneers Conference, to form The Prototyping Council (TPC).

TPC was founded in response to the urgent need for a Do-Not-Resuscitate (DNR) order for what we now call the Modernity Matrix. These wise Bio-Warriors, led by First Peoples who never forgot that humans ARE nature, and never embraced or accepted the notion of othering nature, into a resource for exploitation, extraction and domination, provided the purpose lanterns we followed through those darkest of moments less than five years ago. In the Spring of 2025, these inspiring Bio-Warriors understood the impossibility of creating a participation democracy and economic model, based on equal valuation of all life, within the Modernity Matrix, where colonization and capitalism had created a toxically corrupt world, that had poisoned minds, bodies and spirits to the degree the majority of humans were unable to conceive living in harmony with all life, as guardians of the sacredness like their ancestors had for thousands of years before them.

The Prototyping Council emerged from a diverse and global community led by Indigeneity, and the belief that with intentionality and care, a new way to live on planet Earth could emerge before geopolitical conflicts, the rise of Fascism and the unholy alliance of oligarchs, Tech Bro's and Big Oil, catapulted the world into a second period of Dark Ages or more likely, an extinction event for humans and many other species.

The Bio-Warriors joined together for the purpose of leading the co-creation of prototypes and pilot programs, in hopes we could create conditions for the emergence of a global Bio-Renaissance Period, which they did! The Bio-Warriors had realized, nearly too late, that after decades of strategic manipulation and accumulation of enormous wealth and power by those we now call "AIDN F's," (AI Dominating Nature Futurists) the only hope was to co-create prototypes of a new ordering to our world, built upon Bio-Warriors most sacred first principle, that ***All Life Holds Equal Value.***

The Prototyping Council provided a safe container to receive mega-funding desperately needed to address the mega-crisis, the planet and all life sustained by it, faced in the Spring of 2025. TPC leveraged unique conditions in the Bay Delta Bioregion, that includes Solano and Contra Costa Counties, where Big Tech had aligned with Big Oil, and after Trump was elected, gained Federal resources to steam roll their plans to dominate agricultural and strategic waterway resources,

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where aging oil and gas infrastructure, critical for supplying energy for insatiable AI demands until nuclear projects became operational, were desired.

TPC leveraged the unique Bay Delta concentration of what we now call Nature Based Futurists. These pioneering Bio-Warriors spanned vast and diverse communities including First Peoples, BIPOC, Environmental Justice, Land Conservationists, Community Land Trusts, Climate Activists, Community Builders, Regenerative Farmers and many more, that together, when combined with the resources and innovation of California state and local governments, provided the generative conditions for the emergence of what today is so obvious.

TPC organized around a regenerative framework that created six areas of focus, for the members of the council and their respective teams of Bio-Warriors, as they co-created prototypes for an interdependent, decentralized and unified regenerative based system of systems, that could enable fractalized scaling out of the system of systems, while maintaining integrity and honoring the sacredness of life by intrinsically equalizing valuations for all life within the pioneering systems.

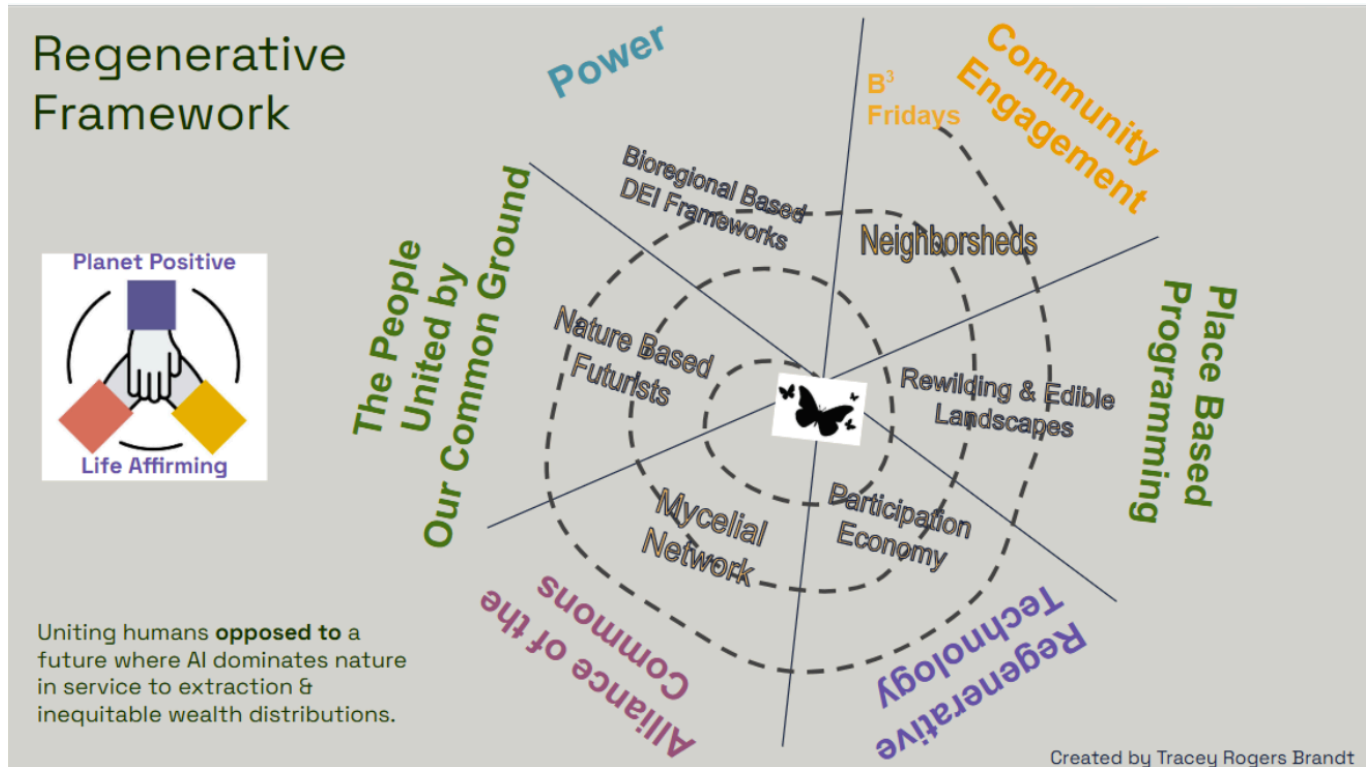
1. **Community engagement** within local neighborhoods fostered renewed connections to land and life, as well as linking Modernity's geopolitical boundaries to Regenerative Era bioregions.
2. **Place Based Programming** enabled growing members' spiritual capacity while growing food and rewilding landscapes that resulted in increasing community resilience and emergency preparedness with neighbors.
3. **Regenerative Tech Stack** employed AI and LLM as a planet positive, life affirming tool in service to all life, that enabled the emergence of a participation economic model akin to how our Indigenous ancestors lived for thousands of years in harmony with land and life. TPC pioneered novel mapping to build bridges from the Modernity Matrix based upon industry, to a regenerative Participation model in service to all life and organized around place, planet and the creation of abundance, shared equitably based upon sufficiency where all life belongs and there is no othering.
4. **Alliance of the Commons** which emerged from the TPC and became the Regenerative Era mycelial democratic and participatory governance model, based upon all life holding equal value with humans as guardians and stewards. The Alliance became our bioregional, decentralized and interdependent globally linked governance network and organization with intrinsic DEI frameworks and led by a senior counsel of Indigenous women, Katsi (Gudji) Cook. Katsi (Gudji) is known for her bioregional based, pioneering work in the Mohawk Nation at Akwesasne (pronounced AK-wə-SAS-neh) where decades of activism lead to

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daylighting the origins of lands colonized, divided, desecrated and then renamed to honor the conquerors of these lands, with “St. Regis”. It is important to remember that the Modernity Matrix was created by the modern world’s conquerors, not the victims of its crimes against life. Katsi (Gudji) lead the establishment of a new way forward, based upon matrilineal lines and weaving stories, practices and programs honoring the Sacred Cycle of Life, while restoring and regenerating Indigenous lifeways, ancestral healing, and world-building based upon biocultural characteristics of matrilineal descent and rematriation.

5. **The People United by our Common Ground** which ironically was our opposition rather than uniting around what we were in favor of. The TPC realized in the Spring of 2025 we were too fractured and standing upon the precipice of unfathomable harm to billions of humans if we did not find a way to unify immediately. TPC leveraged the desperate need for emergency preparedness combined with what became our widest common ground, the opposition to a future world where AI dominates nature in service to extraction and inequitable wealth distributions, based upon scarcity, efficiency and othering, the pillars of the Modernity Matrix.
6. **Power** was earned and grown from the fractal scaling out of our community engagement and place based programming, initially focused on analog, life supporting projects to grow food and hold precious rain water in healthy, spongy topsoils. From there, with the decentralized unification afforded from being a member of the Alliance of the Commons via joining local Neighborsheds, (more about these later) bioregionalism was able to blossom from the mega funding flows via Venture Bioregionalist and Bioregional Funnel Funding, which benefited from the simplicity of a single payer model for receiving funds. The TPC regen tech stack mapped funds to localized needs and funder intentionality for supporting healthy planet and regenerative principles.

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Abundance creation was exponential once we were able to “deprogram” victims of environmental and social crimes against life. The “solution” for deprogramming had been there all along. We began funding local programming, modeled after Doria Robinson’s Urban Tilth based in Richmond in Contra Costa County, via what we now call *Neighborsheds*. Inspired by watersheds, which are an area of land that channels rainfall, snowmelt, and runoff into a common body of water, a “Neighborshed” was a novel concept grounded in an area of land, or a bioregional place, that channels humanity’s mind, body and spirit into a common purpose, finding passion in service and care for all life, human and non-human.

Neighborsheds evolved from the pioneering work of Thomas Linzey, co-founder of the Center for Democratic and Environmental Rights (CDER) who wrote the first law in the world which transformed nature from being treated as a thing, to being recognized as a living entity with legal rights of its own. His work established the Rights of Nature which may sound obvious today, but less than a decade ago legal systems around the world considered nature as property without even the most basic right to exist. In Spring 2025 his groundbreaking new project, *The Land That Owns Itself Program*, evolved to create the emergence of a novel container called Neighborsheds, which enabled the establishment of the laws we now rest upon, that eliminated concepts of human control and ownership of any life forms, including land, water and sky.

Neighborsheds provide local communities a safety rope to hold onto, as they planned and created emergency preparedness programs, to ensure Neighborshed members were ready to receive

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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 and focus on growing possibilities. Neighborsheds organized communities to improve circularity for food and water via both rewilding urban and suburban landscaping and implementing agroforestry practices. Neighborsheds brought people together in real life, outside, off screens and away from brainwashing media, to support them through withdrawal from screen and dopamine addiction.

Neighborsheds became foundational to ecological community building and are urban, suburban and rural based community groupings that enable innerwork for the masses, via acts of caregiving and service, working shoulder to shoulder with neighbors, supporting individual, family and larger communities resiliency and physical, mental and spiritual health. The Prototyping Council innovated county level mapping of possible Neighborshed geographical definition, for each of California's 58 counties, based on population, property ownership, land use, etc., and offered a self-organizing process, managed by California's unique Local Area Formation Commissions, (LAFCos) for establishing community centric, led and managed boundaries with protocols for overlapping, boundary disputes, etc. TPC programming enabled Neighborshed members to serve their Neighborshed, via participating in restorative and regenerative programs. We essentially provided "credits" in our future service and caregiving participation based economic model, in exchange for hours of service, tracked via participating as an Alliance member of a local Neighborshed. Said another way, we offered an Alliance backed promise for future wealth and membership in the participation economy coming soon!

In the short term this translated to ensuring basic thriving needs were met (housing, food, water, wellness care, education, transportation, electricity, internet and phone, etc) for those in need plus Alliance backed promises for future credits beyond the basics. We were able to offer wealthy Nature Based Futurists an option to invest in "futures" much like the California wine industry depended upon in the 1990s. At the end of the last century, small craft oriented wineries would offer loyal customers an option to purchase "futures," which provided needed cash flow to bottle and offer their wines for sale. In return for loyal customers paying for bottles that would not arrive for years, they were given a very nice price.

Our programs offered higher multipliers for conversion of wealth for early investors in our Regenerative Participation Economic model. We also recognized and planned for the notion of nexus or home Neighborshed, so our wealthy prospective members who had "property" in multiple Neighborsheds were offered pathways to support the transformation as early investors. Those volunteering to transform owned property and enormous personal wealth, into collective Neighborshed owned property and wealth, managed by the open, decentralized and unified Alliance, became what we call Venture Bioregionalists, which are similar to Venture Capitalists as catalyzers of enormous investments into our future, but unlike VC's, their intentions were planet positive, life affirming and in service to all life. With regard to investment and vacation property in

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particular, our system was loosely based on the U.S. Forest Service management of long term leases for cabins on their land and we allow for “grandfather” use privileges for the donor’s lifetime and sometimes all of the donors living relations at the time of donation. Similar programming extended to all sorts of capital investments supporting transformation to a participation economic model sharing abundance equitably.

Likewise we recognized and planned for the owed reparations for our Indigenous communities and peoples of color. The TPC Regen Tech Stack was able to account for owed reparations as eligible members joined. Land back initiatives became moot with the TPC model, which does not recognize notions of ownership of any life, including our natural resources of water, air, land, sky, space, animals, plants, trees, etc. Intrinsic to our Regen Tech Stack was the concept of stewarding life and land and all resources, within Bioregions and Neighborsheds, where our novel Alliance and Regen Tech Stack ensured actions and use of resources support the Sacred Cycle of Life, which our senior council led by Indigenous Women guided.

Samantha Powers BioFi project combined with the work of Marion Rockefeller Weber and her decades of work focused around enabling Flow Funding Circle Initiators, provided the vision and foundation that created the conditions for customizable frameworks to emerge that were foundational for building funding flows from the Modernity Matrix to the Regenerative Era.

Not surprising to our Indigenous elders, spending analog time outside, with neighbors and our larger communities, to increase our local resilience, food and water circularity, and sustainability via local supply chains for as much as viable, created an abundance of hope, inspiration, innovation and regeneration amongst participating Alliance members. Just like natural disasters create new relationships and unite communities around common ground, so too did our rewilding and foodscaping programming enable the emergence of a Bio-Renaissance Period that we celebrate and support, to ensure all life can flourish, for at least seven generations forward.

With deprogrammed humans in Contra Costa and Solano Counties and funding to enable us to model a participation economy, we were able to catalyze impact across every sector and literally funded the rapid transformation from the Modernity Matrix to a Regenerative Era Participation Economic Model, for these two pilot counties. From there we scaled across the Bay Delta Bioregion’s thirteen counties with relative ease, leveraging California’s unique [Local Area Formation Commission’s](#) (LAFCo’s), which are legislated governance back to 1963, most recently expanded in 2000, are evenly distributed with one in each of California’s 58 counties, and have an established and supportive 501-C in CALFCO. LAFCo’s became delivery pathways for funding, programming and frameworks that also leveraged the vast programming California State Government offers through a myriad of departments. LAFCo’s enabled customized on and off ramps for each county, in addition to providing increased impact from less required resources, once the TPC Regen Tech Stack mapped inputs or offers of assistance, from natural and built resources, programs, grants, departments, agencies, nonprofits, NGOs, etc., from the Modernity Matrix to local Neighborshed

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needs and their respective counties. In similar fashion, output from the Alliance's Regen Tech Stack's insightful and educational provisioning process enabled aligning Neighborshed and larger Bioregion service and caregiving needs, with offers articulated via the creation of member's personal intersection of passion-purpose-service-consciousness. Aligning both offers and needs with planet, place and regenerative principles, became the foundation of the Participation Economy's workforce development programming that provided our movement the ballast we desperately needed.

LAFCo's also proved crucial for amplifying the value creation and impact of the 96 California Resource Conservation District's (RCD) down to the Neighborshed level and across the 58 California counties and thousands of watersheds. It only took the salmon ten days to return to the Upper Klamath after Amy Bowers Cordalis, cofounder and principal of Ridges to Riffles Indigenous Conservation Group, led decades of work around the Klamath River restoration. In October 2024 the largest dam-removal project in history freed 676 kilometers (420 miles) of the Klamath River and its tributaries in California and Oregon. The project involved removing four dams, built between 1918 and 1964 to provide electricity. Today we proudly announce we too have undammed the cycle of life in record time in our project areas and are on track to surpass our enormously aggressive target metrics for our desired outcomes, and beat our ten year forecast for these achievements!

With our enormous funding and support in these two pivotal counties, we were able to outsmart the alliance of big oil, tech bros and Trump's Fascist Regime. The Contra Costa Refinery Transition Partnership, formed in 2020 with UC Berkeley Labor Center as the lead research partner, is ahead of schedule to ensure a just transition for the decommissioning, restoration and regeneration of the second largest refining center on the West Coast of North America, which includes four Contra Costa and one Solano County refinery. The Refinery Transition Partnership also shut down the ill conceived Montezuma project before it was operational.

Montezuma Carbon Capture and Sequestration Project was one of two dozen such projects proposed for California before 2025 that was certain to endanger communities and ecosystems from the Chevron Richmond refinery to Antioch at the entrance to the Sacramento-San Joaquin River Delta; then northward to the Valero Refinery in Benicia, and eastward again to the Montezuma Wetlands in Solano County, southeast of Suisun City. Emeryville-based [Montezuma Wetlands LLC](#) had enormous resources and had proposed to collect CO2 from four Bay Area refineries (Chevron, Valero, PBF and Marathon), two hydrogen plants, and four fossil gas-fueled power plants, and run the compressed carbon dioxide (CO2) via barges and pipeline under Suisun Bay to the injection site under the 3,200 acre Montezuma wetlands in the Suisun Marsh, the largest brackish water marsh on the west coast of the United States. Instead we have enabled a groundbreaking, community led restoration and regeneration of the Suisun Marsh and the entire Bay Delta Estuary, which proved to be a keystone project to enable the restoration and regeneration of riparian communities around the Bay Delta and beyond.

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In Solano County we were able to dramatically increase funding and resources available to the social activist group Solano Together, who crushed all hopes and plans of the corrupt California Forever project, funded by Mark Andressen and led by Jan Sramek, who were both sent to prison with life sentences for crimes against humanity.

As incredible as it is to admit, it all began with Thomas Linzey offering an alarm clock feature to his Bio-Warrior App that organized billions around the globe to boycott big business (B3) for 24 hours every Friday. Each week we began our peaceful protest of boycotting big business at 6am CET, and from there we would roll around the globe, which is how it became known as the Wave of Life. Our weekly pause to consider our relationship with big business provided an abundance of programming opportunities supportive of rewilding and foodscaping landscapes to harvest water, sink carbon and improve circularity for food and water supplies. Our Bio-Warrior B3 feature rollout crushed Mark Zuckerberg's achievement of 150 million downloads in six days for Threads, when we reached 350 million downloads in four days!

From there we were able to convert a record breaking 85% to join their local Neighborshed once we launched our Beta across the Bay Delta Bioregion, for the purpose of driving registrations which enable local Neighborsheds to begin asset mapping of all resources (natural and built) in addition to the secret sauce which was effectively learning how new members passions and purpose from the Modernity Matrix align to our Regenerative Era Participation Economy. Hylo, a Bay Delta born, prosocial platform for connection, coordination, and organizing purpose driven groups, became a flourishing pathway that allowed grass roots development, interconnectedness and new relationships. Hylo was mission critical for introducing our Regen Tech Stack prototype in Contra Costa and Solano Counties, while establishing relationships horizontally and vertically which enabled California's Natural Resource Agency and the Governor's Office of Service and Community Engagement, to weave trial programming into the initial two county project area.

Hylo was pivotal as we explored how to build a flexible open system for mapping and teaching how the old world could align to our new world. Fundamental to our transformation was the novel regenerative technology stack that we designed for the sole purpose of realigning our life focus to become in service to life, rather than in service to money. Ultimately we were able to harness the power of AI and LLM to provide new Alliance members a view of their world if it were to become life affirming, in service to the Sacredness of Life. It all started with a novel provisioning process that helped align humans every action to be supportive of planetary health, based on the nine boundary metrics, anchored in place, and supporting pillars of regenerative principles underlying our novel Participation Economy:

1. Creating **abundance**
2. Sharing abundance **equitably**

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3. Sharing abundance equitably based upon **sufficiency**
4. Sharing abundance equitably based upon sufficiency where **all life belongs and there is no othering.**

Once new members were able to see the Modernity Matrix through our novel looking glass, transformation pathways were plentiful and the errors of our Anthropocene Epoch were painfully visible. In some ways we rested upon the notion of “build it and they will come” which is the opposite of marketing strategies in the Modernity Matrix. There was no enforcement philosophy underpinning our economic model to contend with because we were not based upon assumptions of domination and extraction within “acceptable limits.” Rather, we funded the regeneration and invited everyone to participate in the service and caregiving of life, within their community Neighborshed. In order to share in the equitable distribution of abundance created, members kept track of their service and caregiving actions. We opt in for life!

Next up in the Bay Delta is an unprecedented transformation of the I-80 East Corridor that historically provided a major conduit between workers living in the Sacramento Valley, Yolo, and Solano Counties and job centers in Contra Costa, Alameda and San Francisco Counties, as well as a critical freight gateway facilitating the movement of goods and supplies within and outside the Northern California Megaregion. We will go underground with a new transportation corridor that captures and sinks carbon emitted from tunnel transportation and we will daylight critical creeks and underground tidal tunnels to restore and regenerate the riparian areas decimated by the Eisenhower Administration's Interstate Highway Act which disproportionately destroyed BIPOC communities with the massive Interstate building infrastructure projects in the late 1950's through the middle 1960's. The reclaimed land will become part of the applicable Neighborshed with the Alliance Regen Tech Stack ensuring intentions and outcomes align to healthy planet and regenerative principles. Projects like these help supply the vast land needed for reparation credits and ensure resources for members' basic thriving needs in their ecovillage like Neighborsheds. Witnessing the power of technology being applied in service to life is truly magical. And this is just the Bay Delta, stories like this are happening right now around the world, as we globally and locally work in harmony to restore and regenerate life on our planet.

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Back to those sixty-five kindergarteners on stage at Zellerbach Hall, they represent the sixty-five members of the Bay Delta Bioregion Council. Each of 13 counties has chosen 5 representatives for their Bioregional Alliance Council, which was our first modeling of what a global Commons Bioregional Alliance (CBA) might become in the future. We arrived at five representatives for each county from our DEI framework where we elected to prescribe DEI specifications for seats to inject reparation philosophy into future governance. While prescriptive structures are generally avoided, we felt the gross inequity and toxic corruption from the Modernity Matrix warranted such measures and the possibilities were so promising we felt compelled to explore.

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	Indigenous	Woman	Minority for that county	Disabled	White male or ruling
Indigenous	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Woman	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Minority for that county	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Disabled	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
White male or ruling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Once lost minds and spirits were awakened to embrace their “Mea Culpa” moment for our species’ fatal lack of imagination while being enslaved inside the Modernity Matrix, everything fell into place. We remembered how to participate in the Sacred Cycle of Life, rather than perform inside the Modernity Matrix in service to money and power. Urban and suburban Neighborsheds throughout the Bay Delta now boast farms, barns, communal gathering spaces and all members have their basic thriving needs met. It truly takes a village to breathe life back into the village, and a keystone program was the regenerative version of a reverse mortgage. Our senior members are honored for their wisdom and provided care for life, via service from their community and when they meet their death their properties are converted to collective resources for the Neighborshed. Reconnecting humans to their biology and community enabled deep appreciation for our fundamental truth. Humans are not separate from nature, but rather part of the web of life. Our enabling of billions of humans to have their “Mea Culpa” moment and accept the failure of the Modern Era, provided the catalyst humanity needed, to do something, before it was too late.