

WAKA LOG



Our waka carries us, our ancestors and all those who join us on this Nature Wisdom journey.

The numbered chapters (curated) coincide with archived Mission Meeting Minutes from 27/28 January, 2021 to 5-6 October 2023. Any queries, [contact us at Emérgently](#).

This Waka Log is, in part, a record of our 30+ year adventure as TetraMadre y Padre of TetraMap, and grandparents of our mokopuna (grandchild), TetraMeme, now known as Emérgently.

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SHARING OUR WAKA WITH YOU

A Maori (indigenous people of Aotearoa New Zealand) whakatauki (proverb) states...
*He waka eke noa – **we are all in this canoe together.*** A waka is also a metaphor that reflects a journey. Integrate these thoughts with a quote from Buckminster Fuller,
*We are not going to be able to operate our Spaceship Earth successfully nor for much longer unless we see it as a whole spaceship and our fate as common. **It has to be everybody or nobody.*** We invite everyone to join this waka...learn with us to “make the world work.”

The catalyst for this WAKA LOG was a mission designed by Luciana Ferreira that she named Nature Wisdom. Here is what Luciana put out there in 2021 for anyone interested in joining her mission.

MISSION DESCRIPTION: Nature Wisdom Institute

We seek to unite ancestral knowledge and current technology in the search for a future more connected with nature, less alienating and more communal.

The Institute proposes to gather different knowledge, focused on building things and training people in order to give them autonomy in building a future with less environmental impact and respecting all beings. Creativity, simplicity, self-management, non-consumerism, know-how.

We are architects, urban planners, woodworkers, designers, biologists, engineers, psychologists, agroforestry, tourism specialists, lawyers, environmentalists and whoever else wants to join us.

We want to honor the knowledge of our ancestors, who allowed us to get here, using the best humanity has to chart a new path. A path that respects all beings, that is inspired by the processes and methods of nature and that is communal.

For this, we want to create a place in the countryside of São Paulo, Brazil, where these ideas can begin to materialize. A school for a new future. A place that unites teaching, research and social action, that is replicable, scalable and open source.

We want to gather knowledge and teach people to materialize wishes and projects, with good technique, respect for nature and autonomy. We dream about a place where people can learn and share knowledge about: bioconstruction, woodwork, agroforestry, boat buildings, sustainable human settlements, bakery, unconventional food plants etc.

We want to learn from the past, from the ancestors of this land and others, combining it with the best technology we have and using our creativity to shift our path towards a sustainable future.

THIS WAKA LOG is much more than a record of meeting minutes. The log is a learning journey that evolves weekly! It is a story that describes a team that continuously transforms itself, its members and those around them. The WAKA LOG is a compilation of learning from some of our wisest climate scientists, activists, facilitators and guardians of indigenous knowledge. Please explore, learn, be inspired and DO SOMETHING for Nature... it's our responsibility, it's our future.

1 SETTING CONTEXT FOR A NEW TEAM

A wonderful start to an inspiring mission. The Team

- Luciana (Mission Lead) and Alex shared the mission project, purpose and aspirations. Luciana's work in urban planning offers a sound foundation. They strive to "connect ancestral knowledge w/ technology." Luciana and Alex will be "the glue for the crew."
- Ricardo: Venezuela context; coming from the future; experiencing social and institutional social; Gaia education; live on a farm – he can share pros and cons of that – eg access to energy; simplifying our lives; leave behind old stories not supportive of our future; gets re-energised from Space Camp members. Is working on a similar project.
- Felipe: Mariposa Project; interested in regen; mechanical engineer; renewable energy sector – disheartened to see just a replacement of the old model.. eg oil and gas. Centralised model – not easy for small communities away from large city. Time to think beyond...
- Yoshimi and Jon: started their journey together 43 years ago, sailing, personal development, created a model to "*reduce conflict & leverage diversity*" in the workplace, & built a Living Building Challenge, Petal Certified House to learn and live in. (see www.tanglewood2.net for the story.) Thrilled to contribute & learn from the team.

Support Thoughts

- Bucky's Generalised principles for personal & team development:
 - **Inter-dependence:** *My success depends on your success.*
 - **Diversity:** the Mission team is a great example! Also remember the diversity of learning styles as we engage and advocate.
 - **Synergy:** 1+1=4 Together Everyone Achieves Magic!
- Bucky says, the tetrahedron is the *minimum structural system in Universe*. The tetrahedron sits at the heart of Yoshimi and Jon's life work. We'll explain WHY this shape can support our personal and project developments when we meet.
- Like Felipe is thinking... we must shift from 'best' to "Next practice"
- Y&J's development embraced this challenging mantra:
"I create my own reality." When this starts to make sense, one comes to understand the current reality.
- From Sand Talk by Tyson Yunkaporta, 2019 (referred to by Carol Sanford):
P169 In Aboriginal worldviews, relationships are paramount in knowledge transmission. **There can be no exchange or dialogue until the protocols of establishing relationships have taken place.** Who are you? Where are you from? Where are you going? What is your true purpose here?

Question for self-reflection and sharing:

If *my success depends on your success*, how can we best support you in your Mission role?

2 TETRAMAP OVERVIEW

To embed the four Elements of Nature, here's a summary of the meeting using TetraMap as a framework. To Review – say aloud w/ hand movements!

- **Earth** like a mountain is FIRM
- **Air** like the wind is CLEAR
- **Water** like a lake is CALM
- **Fire** like the sun is BRIGHT!

TetraMap: 3 binary distinctions

Left Brain: Earth/Air – Task focused.

Right Brain: Water/Fire – People focused.

External Focus: Earth/Fire – Earth pushing out; Fire attracting in.

Internal Focus: Air/Water – Air thinking; Water feeling.

Conceptual: Air/Fire : Air theories/philosophies; Fire imagination, dreams.

Practical: Earth/Water: Earth results oriented; Water: process oriented.

Overall sharing:

- **Earth:** Space Camp guest speakers offer so much food for thought. We will ground lessons learned and be inspired by what we learn from the speakers and each other. BAU will be disrupted.
- **Air:** We are exploring our respective ancestral wisdoms, knowing everything we research helps to sow seeds and prepare for mission success.
- **Water:** We embrace our diversity, appreciating and admiring everyone's willingness to listen and learn in English! Stories shared reflected integration of lessons learned from the speakers and each other. Let's stay connected and practice the art of Asking.
- **Fire:** We recognise new ways of thinking!
 - Is it a school?
 - what can our ancestors teach us to create something new and value-add?
 - here's an example of doing things differently! <https://fairtransport.eu/>
 - How will taking our shoes off and walking the land make a difference?

TetraMap Highlights:

- **Earth:** The tetrahedron is the "...minimum structural system in Universe." BRF. It reflects: Inter-dependence; Diversity; Synergy.
- **Air:** A TetraMap unfolded reflects the implicit....explicit **JON!**
- **Water:** When our personal and team behaviours reflect the tetrahedron, we will be inter-dependent. *My success depends on your success; our success depends on humanity and the planet's success.* (NB: Nature's success does NOT depend on our success...she will be fine without us... probably happier.)
- **Fire:** We are each all 4 Elements, preferring probably 2. Shine and shout-out the beauty of your Element and be open to listen and learn from all four!

3 GAIA – INDIGENOUS –TEAM

Scribe set to summarise meeting highlights and crystallise thoughts using TetraMap as a framework. This ensures that at minimum 4 perspectives provide an ecological, holistic overview. Again... it will be useful to use the Element descriptors...and hand movements!... as grounding.

- **Earth** like a mountain is FIRM
- **Air** like the wind is CLEAR
- **Water** like a lake is CALM
- **Fire** like the sun is BRIGHT!

Useful links and concepts

- Context Principles: see John Liu's Ecosystem Restoration Camps: <https://www.ecosystemrestorationcommunities.org/>
- Bucky on geodesic domes: <https://www.bfi.org/about-fuller/big-ideas/geodesic-domes>
- Relevance of mycelium networks in future-pacing projects: https://asknature.org/?s=mycellium%20network&page=0&is_v=1
- Considering some concepts to keep front of mind:
 - focus energy so that scaling-up/leveraging mindsets do not dissipate the energy that will be needed to create
 - as we grow, keep in mind how we stay linked so everyone can listen and be listened to. What's the communication system that ensures the network is resilient?

Considering the Four Elements:

- **Earth** Let's first connect with the Gaia spirit through personal growth, habit and mindset shifts so as not to fall back into the darkness of BAU, capitalism, etc.
- **Air** Let's focus on our handprint rather than just footprint. (see <http://www.tanglewood2.net/blog/archive/44-solar-handprint> from our blogs)
- **Water** Let's recognise when we have 'enough' and solve problems with what we have.
- **Fire** Let's understand and help others understand why there is only abundance if we work in alignment with and support of Nature.

Considerations for our learners:

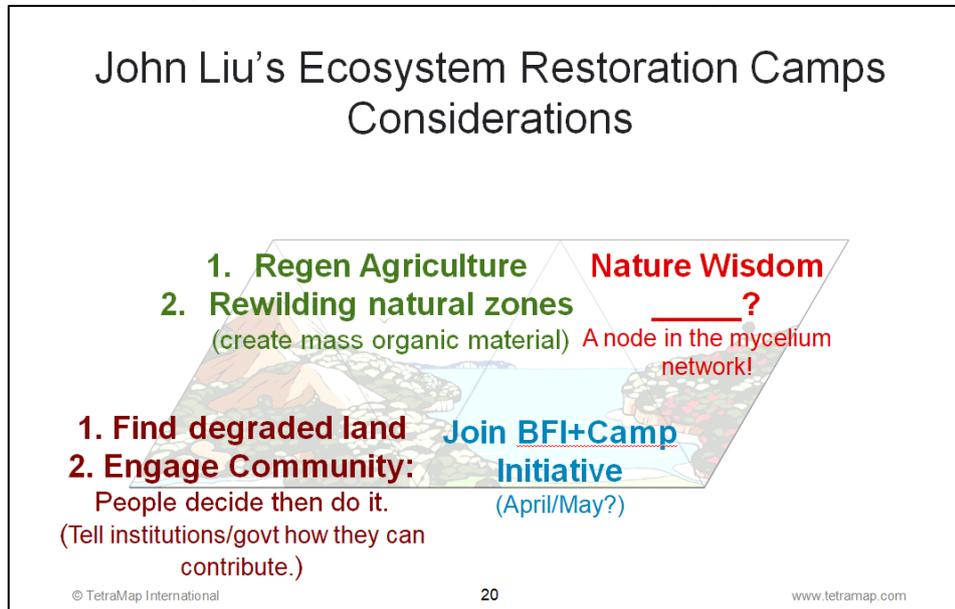
- **Earth** What's the new economic model for them?
- **Air** What can we help learners be AWARE of?
- **Water** What information/techniques/ideas will engage them to listen as a community?
- **Fire** What are 3 EASY first steps they can take for rapid reward?

How do we strategise for those who have no gas, water, electricity, food markets...but who DO have family, community, edible & healing plants, and spirit?

MALOCA: https://www.gaiamazonas.org/noticias/2019-05-31_la-maloca-el-mundo-de-la-casa-grande/

4 Elements: JOHN LIU'S ECO RES CAMPS

TetraMapping Considerations from John Liu's story:



Discussion around the mission name generated ideas:

- Living Systems
 - Integrity of place
 - *Camp* which is 'light on the land'
 - *Circus*: the 'impermanence' of things.
- Yoshimi remembers her Buddhist upbringing: Everything changes. The source of human suffering and discontent is that we crave and cling to the things of this world under the mistaken view that they will last forever. But nothing does.

Economics:

- Crowd Funding. Needs strong visual marketing, big database eg. <https://www.indiegogo.com/>
- Patreon: <https://www.patreon.com/> What's the value the mission offers?
- Collaborate w/ John Liu's Camps to learn about their nested systems of development.
- Build relationship(s) with local community champions of the mission.
- Strategise how the mission will be maintained...sustain.
- See John Liu's Egypt project that keeps adding more and more value: <https://www.academia.edu/video/ImQbJI?t=30>
- Collaborate with fellow BFI Space Campers: eg Nicky (who Ricardo met). Her passion is to look for people w/ financial capital.
- Think: philanthropic networks; contests; UNICEF.
- Consider capacity needs now and in the future.
- Crystallise value offerings and be clear on what is NEEDED. With this clarity, \$\$ and people will come.

Mission Presentation

Keep it FIRM – CLEAR – CALM – BRIGHT! Use the TetraMap Framework to ensure the mission's holistic, ecological vision.

And remember... throughout this game... mistakes are *happy accidents* embedded with opportunity! The only rules are to stay connected and keep going!



5 TETRAMEME PRINCIPLES

TetraMeme: an experiment in creating a framework that supports eco-projects to transform humanity and the planet to a **world at peace with Nature**.

TetraMeme's Generalised Principles:

- **Inter-dependence** *My success depends on your success. Yoshimi*
- **Diversity** *Diversity fuels synergy. Jon*
- **Synergy** *"...synergy is the only word in our language meaning behavior of wholes unpredicted by behavior of their parts..." Bucky*
- **Ephemeralization** *...I identified this progressive doing-more-with-less as 'ephemeralization.' ...the combination of accelerating acceleration and ephemeralization has now elevated 60 percent of all humanity from its year-1900 99 percent poverty level into realization of an everyday standard of living superior to that enjoyed by any kings, tycoons, or other power-commanding humans prior to the twentieth century. Bucky, pg 133, "Critical Path" 1981*



Bucky defined
"ephemeralization" in his
1938 book *Nine Chains to the
Moon*

TetraMeme is our ***new model***

6 TETRAMEME CASE STUDY

These are notes from our TetraMeme session w/ Dr. Hector Rodriguez. He completed the template for his local eco-project. (Steps 1 and 3)

Overview of his feedback:

1. Via a survey he sent to 90+ neighbours w/ 36 responses, he set the **CONTEXT** of the project :
 - Economics: No one wants to spend \$
 - Social: People were given a choice to contribute
 - Environ: Project should be sustainable eg. Mindful use of water
 - Political: Dynamics of power amongst residents, council, developers.

2. **POTENTIAL:** this process helped crystallise thoughts...
 - The project will start w/ not everyone on board.
 - Start Small
 - Keep it sustainable and natural
 - Shine the spotlight on those who need/want it
 - Reduce possibility of conflict early

3. **Overall thoughts:**
 - Expectations were lowered to more realistic goals
 - Let's build with what we have available
 - The project will evolve with different people at different moments
 - Seek natural, ecological ways of approaching the project
 - Shifted from fixed to open position
 - Make mistakes – learn – keep moving

4. **The template of interdependencies:** Hector considered this the most important and engaging process step. However he felt it should be completed in collaboration w/ others in co-creation. Like we did at the meeting, he started with the centre triangle – which he put as WATER - that touches the 3 other Elements:
 - W/F: Interaction Collective work – impact of neighbourhood cohesiveness
 - W/E: Small firm wins will attract the un-interested
 - W/A: Together we will make a complex project, simpler
 - F/E: Small, firm wins are also achievements worth celebrating
 - A/F: If not enjoyable = greater stress; don't get too serious
 - E/A: Design a prototype to feed continuous improvement

5. Then we discussed: (Remember – Hector is a guru of Organisational Development). The complexity, volatility, ambiguity of the time's call for a shift from the traditional linear approaches to non-linear thinking. Reality is asking for something different.
6. *TetraMeme is a holistic, ecological approach* that made him think differently.

7 TM METAPHORS/RELATIONSHIPS

*First enlightenment
then the laundry.*

Tao proverb

Time for the laundry. What are your **4 next steps**? What are the most Trimtab actions you can take to catalyse a leap forward for your project?

- **Water**: Unifying step
- **Air**: Transforming step
- **Earth**: Solidifying step
- **Fire**: Energising step

One long-term goal: When asking about a project, event, etc - first ask...
"What's the TetraMeme for your project?"

Remember:

If we don't understand the linkages, we can't take the steps to preserve this fantastic



biome.

8 TM ELEMENTS & BUCKY

Gems...from lessons learned to and 'ahas'!

- Take a giant step back to see the whole system
- Be a trimtab: Lean in to focus on first and next steps within the nodes
- A shift in role, or repositioning self opens up opportunities to re-group and re-design
- Empower the people involved
- Crises are opportunities to shift: The current perfect storm of environmental/social/economic/political emergencies IS our opportunity!
See "Perfect Storm" blog: <http://tanglewood2.net/blog/archive/55-update2020-07>

First or next step for your consideration:

- Activate and build a network of people w/ common interest.
- Be the '*glue for the crew*' in your leadership
- Consider what these 4 Bucky principles mean to you...and to your network
 - * **Water**: Interdependence (remember "*My success depends on your success.*")
 - * **Air**: Diversity (diversity fuels synergy)
 - * **Earth**: Ephemeralization (DO more with less)
 - * **Fire**: Synergy (1+1=4)
- Consider your immediate team's values and needs
(Be clear on vocabulary: eg if your value is "integrity"...what does that mean for each team member, what are the expectations of each person to live this value throughout the project? What are the consequences if the value is threatened or discarded?)

What are the most Trimtab actions you can take to catalyse a leap forward for your project?

- **Water**: Unifying step
- **Air**: Transforming step
- **Earth**: Solidifying step
- **Fire**: Energising step

Did you notice...Luciana and Alex's 'first step' of activating a task force included all 4 Elements?

- **Water**: People will be unified through shared purpose, values, principles
- **Air**: Being together is transforming as you systematise for sustainability
- **Earth**: Gathering together solidifies and grounds people and the project
- **Fire**: As with our group, people will be energised to move forward!

"If the success or failure of this planet and of human beings depended on how I am and what I do; how would I be, what would I do?" - Buckminster Fuller

9 NON-LINEAR THINKING

Possible concepts to apply

- Kaizen: incremental small steps. This concept will be very useful when engaging those who have yet to understand the extent of our emergencies. Small, daily steps where visual progress is explicit will help maintain motivation.
- For those, like us who understand the state of the world... we must make huge leaps by being trimtabs, seeking the nodes and exploring the cracks!
- If 'ancestors' are no longer on the land and the project consists mainly of a new population still focused on scarcity and survival:
 - Who must we ask to understand the origins and needs of the land?
 - What will we say to engage key players to be involved?
- Involvement creates commitment.

Excerpts from [The Nonlinear Theory of the Living Universe](#) (Mansor Vakili).

Hope amidst chaos

We can see that all of the spirit and intelligence contained in other humans, beavers, milkweed, dung beetles, Jupiter, and the Milky Way provide a nonlinear network of intelligence and spirit that is greater than a simple tallying of each element's intelligence and spirit. ...so creation is a perpetual process of self-creation with no central command... *Having faith in the universe and in Earth's greater intelligence is a hopeful, positive approach to chaotic events* in our rapidly changing world.

Don't worry. Be happy

Nonlinear perception welcomes chaos as a necessary ingredient to forge a new order with peace, positivity, hope, asset management and creativity.

What our digital Zoom meetings are enabling

If we observe our meetings with non-linear, holistic goals of the living universe in mind, we are creating a feedback loop that will input our goals into the system, facilitating and accelerating the systems self-organizing processes, and in time change them into systems that are in harmony with the other living systems of earth and the universe.

TetraMeme helps us to...

1. Curate our ideas
2. Crystallise and pull out what's important and identify the trim tabs to employ
3. Focus
4. We start with the 4D tetrahedron to create a non-linear, holistic understanding – and then convert to linear action plans.

10 ECO-PLANNING SEEDS

TetraConsiderations

- The triple-bottom-line is a business principle: People – Planet – Profit. 20 years ago, we presented our Tetra-Bottom-Line and added “Legacy” (Fire Element). Maybe if leaders considered what kind of ancestor they want to be, then ethical, Nature restoring behaviours would prevail.
- Luciana and Alex shared their steps: Dream – Plan – Act – Celebrate. What if: Dream (Water) – Plan (Air) – Act (Earth) – Celebrate (Fire) were developed on an [ever-spiralling spiral](#)?

Eco-Planning Seeds

As you populate your TetraMeme template, interdependencies will emerge!

- **Water:** What are the **Unifying** values and principles amongst your stakeholders?
Values: What values will best support all involved to trust, take responsibility, and BE net positive to Nature in every thought and action.
Principles: What are the 4 Elemental Principles that weave through everything?
Eg. Water: Inter-dependence Fire: Synergy Earth: Ephemeralization Air: Diversity
- **Fire:** What are your **Energising** value propositions?
How will you be perceived?
Eg. By your family & friends; local community; neighbouring communities; govt; climate activists, deniers, the world, etc...
- **Air:** What are the trimtabs for **Transforming** mind-sets and behaviours needed?
Eg. Which systems must shift and to where, for our ecological future?
- **Earth:** What are the **Solidifying** outcomes you are aiming for?
Eg. What explicit, tangible outcomes will be created by 2030?

Engage others by sharing...

- **How your project unifies people to work inter-dependently on behalf of Mother Nature.**
- **How your project energises and accelerates regeneration of humanity and the planet.**
- **Solid evidence on which this project built and what you need people to DO?**
- **What mindsets, behaviours, and systems will be transformed to sustain all of life and how can they begin transitioning to them?**

11 ENGAGEMENT QUESTIONS

Consider the following TetraMeme questions. Think each through and integrate your explanations into your engagement 'pitches'.

If you guess the Element of the person(s) you're trying to engage (consider body language; vocabulary; voice tone;) focus on the Elemental question below. If you have no clue...touch upon EACH Element!

- **WATER: UNIFY**
How will your project unify us to work inter-dependently on behalf of Mother Nature?
- **FIRE: ENERGISE**
How will your project energise and accelerate regeneration of humanity and the planet?
- **EARTH: SOLIDIFY**
What solid evidence is this project built on, and what do you want the viewer to DO?
- **AIR: TRANSFORM**
What mindset/behaviour/system will be transformed to sustain all of life and how can they begin transitioning to them?

12 TETRAMEME IN ACTION

At this meeting, Luciana and Alex shared their new website that takes all of us from implicit to explicit in developing projects:

- First build a team to build an energy base.
- With websites, links, etc – reach out at various conferences and gatherings.
- Think through WHO you can contact that has evidence of success in designing, creating systems, networking, etc? Eg John Liu – Eco restoration camps.
- Check out a diverse range of possible funding platforms.
- Consider what can you offer to contributors? eg fund a tree.

Designing an ECO-Business Plan to engage the spectrum of possible players.

An ecological plan will engage those who need

- Shared values and principles to **UNIFY** support through the difficult times.
- Bright ideas and strategies that **ENERGISE**, inspire and motivate action!
- Clear purpose and systems to **TRANSFORM** mindsets and behaviour.
- Firm strategies based on **SOLID** evidence.

TETRAMEME Prototype development feedback

TetraMeme helps us to...

1. Curate our ideas
2. Crystallise and pull out what's important and identify the trim tabs to employ
3. Focus
4. We start with the 4D tetrahedron to create a non-linear, holistic understanding – and then convert to linear action plans.

13 DEFINING 'VALUES' & TETRAMEME

An important step in the TetraMeme process is to define Values. Values differ from 'principles, aspirations, purpose' in that it's all about what's important to YOU...and to US.

Values can make (or break) and sustain teams over the term of a project...or over the term of a lifetime for a family, community, regenerative process.

Values (Be explicit in shared values throughout the journey to reduce conflict and tears).

WATER: What are the **Unifying** values that your team discusses and agrees to? Choose a process to hone down to a maximum 6 values. Better to have fewer values that are easily remembered and lived. Take time to first discuss personal values (what is important to each person). This is an interactive process that is well worth an entire, if not 2, sessions. Understanding what is important to each person clarifies how we can respect and maintain our relationships with each other.

Then take another session to form team values. Be clear about the behaviours that are demonstrated with each value? (Always remember, team members also reflect the diversity of Nature. Some are more unifying, energising, solidifying, transformative) Behaviours reflect natural differences.

Clarify the consequences of not living the values... for individuals and for the team.

TetraMeme: some definitions

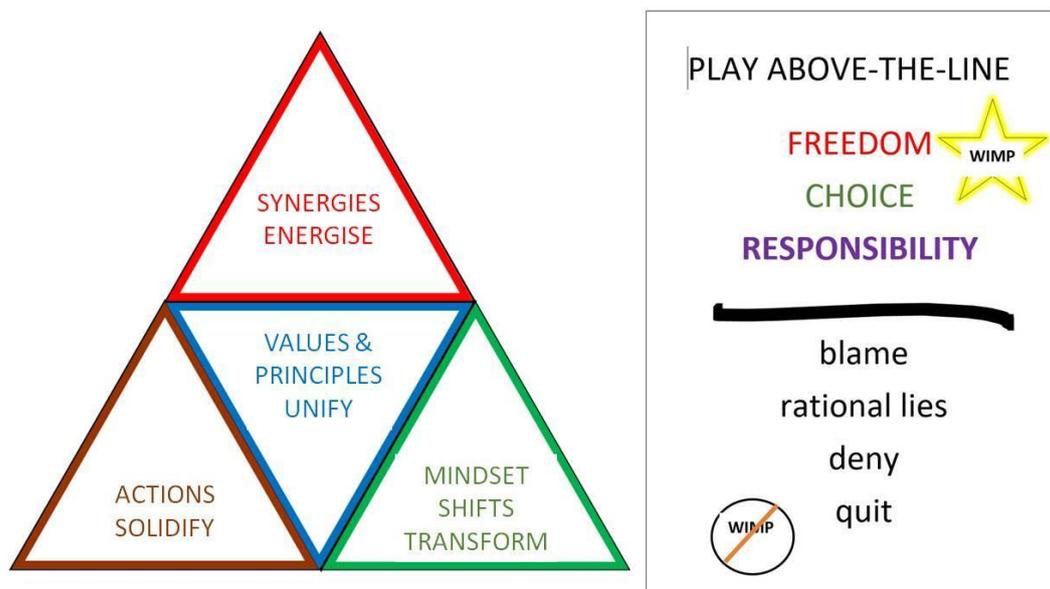
- The process design tells the story. Sense-making emerges from the choices we are making as we choose metaphors, describe and link relationships.
- Success in Eco feeds our Ego.
- TetraMeme us to make choices always with Nature in mind and crystallises ideas to put into action.
- TetraMeme is a framework for system design.

14 RESPONSIBILITY AS A SAFETY NET

What is a Safety Net? A value or way of being that is defined, shared and committed to. If everyone commits to it, it can be referred back to EVERY time things go off path. One that the Bretts used throughout their 25 yrs was RESPONSIBILITY flipchart. Taking responsibility involves recognising when ANYONE:

- Lays blame (usually the 1st thing that comes to mind..."Who's to blame?")
- Makes excuses (Can be called a "rational lie". Sounds good, makes sense...is not true.)
- Denies (Remembering only what is self-serving...so denial can also be convenient forgetting)
- Quits ('spitting the dummy' because things become just too hard...with little concern for the consequences of actions taken.)

A TetraMeme and a useful 'safety net' as you build your relationships:



See **WATER** in the TetraMeme above. You will unify your group when you discuss what's important to each person (Personal values) and expand to what's important to US...and will keep us together? Then decide on a few of Nature's principles that will keep you on track.

Play Above-the-Line

- Current societies seem to reward and incentivise "*below-the-line*" behaviour. It gets them money, attention, power, re-elected.
- WIMP here stands for "*Where is my paycheque/pesos*"
- Playing Above-the-Line means 1) recognising below-the-line behaviours and mindsets 2) triggering yourself to think "*What do I need to do/think to take responsibility?*"
- Above-the-Line WIMP = Where is my passion?
- The path to freedom is through responsibility.

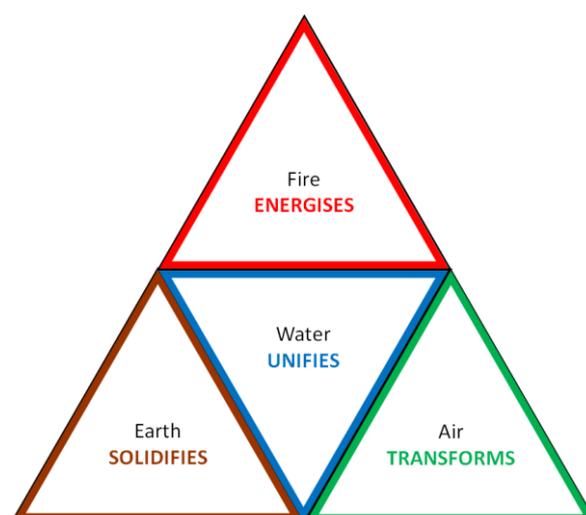
15 SEEDING RESPONSIBILITY

Great conversations!

- Using the “Play Above-the-Line” poster can create interesting ‘look-in-the-mirror’ moments as one experiences the challenges of catching themselves and others playing below-the-line.

In a patriarchal society that often lives below-the-line and teaches how to ‘win’ by playing there, we’re in an opportune moment of time to help humanity shift. What would society/the world look like if we all played Above-the-Line WITH Nature?

- *It’s easier to recognise how we tell “rational lies” to rationalise. Recognising this is SO important to stay ‘above-the-line’.* Luciana Ferreira
- ‘Spiral-up!’ rather than the down where mainstream mindsets reward humans to play below-the-line. How do we elegantly shift conversations and actions to support people to play above-the-line?
- SEEDING INFO THROUGH ACTION: Learn how to grow mushrooms by watching! <https://www.youtube.com/watch?v=Bv8E9LkULZc>
- Yoshimi and Jon shared the “TetraMeme-ing TetraMeme” process. End result to this point was a 6 step process to create a project ‘story’. TetraMeme steps to date creates a ‘story’ by: linking projects to metaphors; setting context; envisioning potential; pinpointing the relationships and inter-dependencies between the Elements.



16 DEFINITIONS THAT SOLIDIFY/UNIFY

***Mission:** PURPOSE – This reflects the project’s core commitment. What does the project enable? Why does it exist?

***Vision:** *See it and you will believe it.* There are many books and films that give evidence to this statement and is a part of our belief that we create our own reality. (This belief is in the realm of *There are no mistakes.* ...and is worth thinking through 😊)

***Values** What you choose to live by. Ensure that team members understand what these values mean and what they look like personally and as a group. *Live your values.*

***Guiding Principles:** If these principles are reflected in Nature...they will be easier to explain and commit to. *Be guided by your principles.*

When things are not going well...consider which values are not being lived and which principles are not adhered to.

***Code of Practice or Hygiene Factor:** How do we choose to behave and what are the consequences when we move away from the agreed upon code? eg. How do we stay Above-the-Line? Be clear about how we support each other to play there as it’s common to fall below the line everyday(!)

***Custard Contingency:** What if the situation becomes very dangerous and everything turns to custard? What if plans A, B and C all collapse? Think about this before panic sets in. It is like an insurance policy.

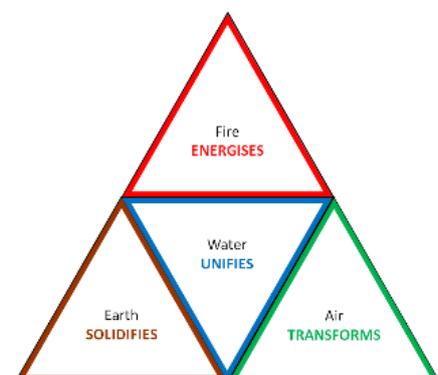
- Ricardo is learning from his Eco-Village lessons about the challenges of creating and sustaining a community. Documents are tools. Codes of Practice clarify and are essential documents for long term sustainability.
- Yoshimi and Jon shared steps 1-4 of the TetraMeme process. Looks like 10 steps overall to help jump start any eco projects. They continue to explore how to simplify and engage.
- From Yoshimi & Jon’s [“The Perfect Storm”](#) might help in these times of challenge and overwhelm.

Water *My health depends on your health*

Fire *Our success depends on Nature's success.*

Earth *My success depends on your success. Mi éxito depende de tu éxito*

Air *Shared success will come from transforming our families, teams, communities, organisations to work inter-dependently.*



17 TEAM INSIGHTS: 4 months IN

- **Ricardo:** raised IN a social context of language and mindsets that reflect hatred, rage, violence, it's settling to remember lessons learned about:
 - ideas as seeds
 - *learn to play in the symphony of life* (nice metaphor Ricardo!)
 - face challenges as they come
 - explore the experiments born from violence and have developed into successes eg. LA Eco-Village.
 - we may need to swerve away from our roadmap path...face reality and move on.
 - Yoshi: when swerves are required...re-embrace your values and principles to stay centred.
- **Luciana:** Now more 'me-time'!
 - Focus is on "Staying Above-the-Line" in a society that incentivises blaming and inaction.
 - Chat with her mother-in-law opened new perspectives on the cycle/spiral of generational emergencies. We're learning to move through them together.
 - Land opportunities are looking good. (Perhaps when sharing your story w/ English-speakers, find another word or phrase for *occupy*. For some, *occupation* may have negative inferences. Also we all now know, more than own or occupy land, we do our best to step lightly on land, with permission and grace, to restore humanity and the planet, together.
- **Alex:** Stepping back to retrospectively view all the good work: creating metaphors - processes – flipcharts – conversations helps us to pinpoint what's really important. **Yoshi:** All that hard work was the process/discipline to achieve enlightenment! And now, 'the laundry'.
 - Honour what we did...move forward.
- All the above helped to clarify the distinctions between VALUES and PRINCIPLES. The key here is the importance of personalising each to enhance meaning. It will then become easier to share and engage others so that they've personalised each value and principle.
- **Felipe:** SOOO wonderful to have you back Felipe. We appreciate your sharing of the intensely flammable/painful situation you are in and admire how you and your community are contributing to the cause.
 - The younger generations are 'stepping-up'!
 - EARTH is an important, grounding, solidifying, foundational resource for planning.
 - When presented with 3 of anything...values, principles... search for the missing 4th. (use TetraMeme)
 - Perhaps TetraMeme can be useful in other challenges. The current social, economic, environmental and political instability is also an Eco-challenge.
 - Consider looking at the challenge:
 - a) as metaphors that like Water, unify. Like Fire, energise. Like Earth, solidify. Like Air, transform.
 - b) as current contexts and potentials

c) with values and principles that will keep you and yours grounded and together
d) as actions to create 'actuals' and feedback to take forward or avoid.

- **Jon:** Hope is a non-linear strategy which is vital in a context of uncertainty.
 - Hope can create the space for serendipity – totally unexpected, wonderful, synergistic results!
- **Tom Chi gems:**
 - Recognise and avoid “*possibility paralysis*” (getting stuck in the initial excitement)
 - Specificity is the foundation of innovation*
 - In decision making, recognise difference between *conjecture* and *actuals*. Get to actuals ASAP.
 - What actions do we take to reveal actuals for feedback to maintain forward motion?

18 INSIGHTS INTO GROWING 'TEAM'

- **GEMS to remember as our projects GROW**

- Review original contexts-potentials-relationships-visions knowing the planning process is DYNAMIC. Modify and enhance as needed.
- What seldom changes are values, principles and purpose. However continued conversations about each will reveal a diversity of meaning and relevance for each team member.
- Frequency of interaction w/ collaborators is all-important in maintaining energy and optimism.
- There are no mistakes. They create the space for learning and change.

- **About planning action:**

- As facilitators and leaders, develop important questions to help plan meaningful actions.
- Metaphors help us discover and apply Nature's principles, but they require personal stories to make them clear.

- **Tips from Ricardo's Presentation:**

- TetraMeming helps us dance and sway through rational and intuitive thoughts that reveal what ideas and relationships are important and in rhythm with Nature. (Yoshi made that last part up)
- Let's leave the idea of separation behind. We are one – impacting each other.
- We must talk and create cultures aware of Nature's treasures that are lost, found and restored.
- Not having a design is a design.* Ricardo
- You can plan not to plan.* Jon (use intuition instead, but preparation is still required)
- TetraMeme opened my eyes to things I want to take care of now.
- Don't worry – SHARE your project! It will help you refine it and see its potential.
- Be clear about what you want to ask for.
- If you don't know it, you can't fall in love with it.*

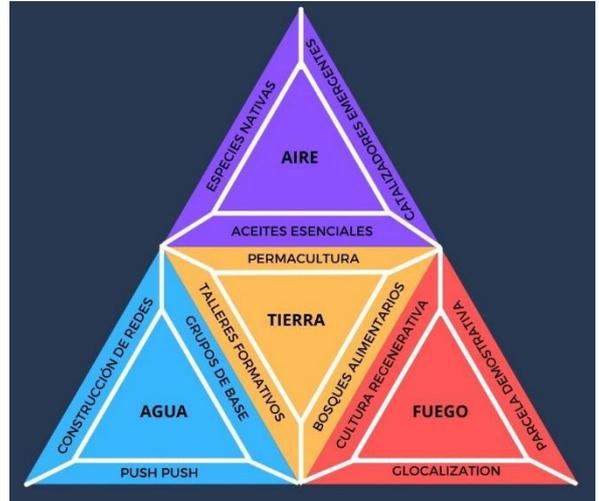
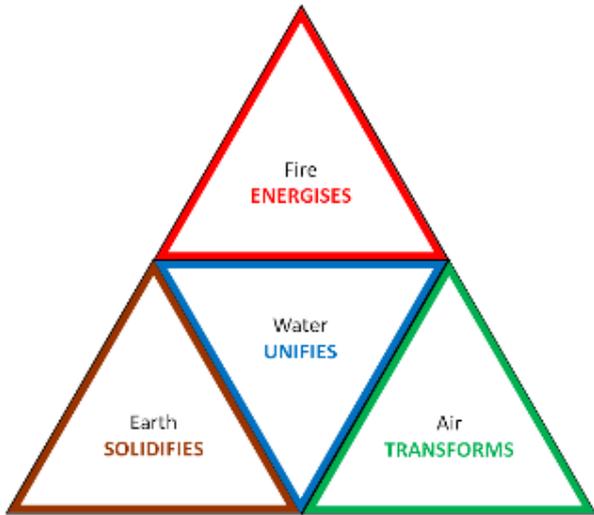
- **Relevant to TetraMeme's Development**

- The personal stories behind your metaphors bring your project ALIVE.
- It would be interesting to share these metaphors and stories w/ your collaborators, then give them the opportunity to enhance the story to 'solidify' the project in each team member's heart and mind.
- How the triangles are arranged and what metaphors are chosen reflect the Nature of the project for the founders/leaders. Keep revisiting your TetraMemes to modify, enhance, start over! Life is dynamic.
- When planning any presentation, SEE people applauding and smiling...and think through...

What do I want each person: **Water: to FEEL?** **Air: to be CLEAR about?** **Earth: to want**

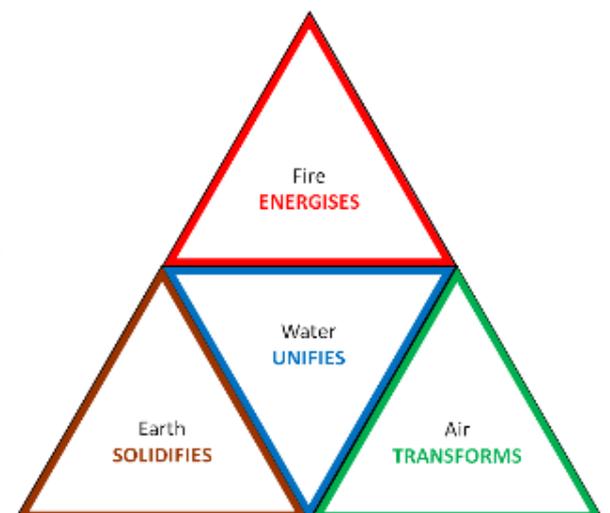
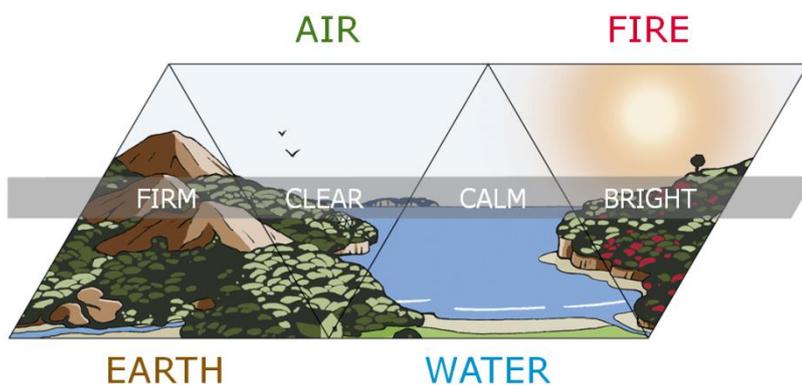
to DO?

Fire: to be Nature-inspired about?



19 REINVENT LOCALISM

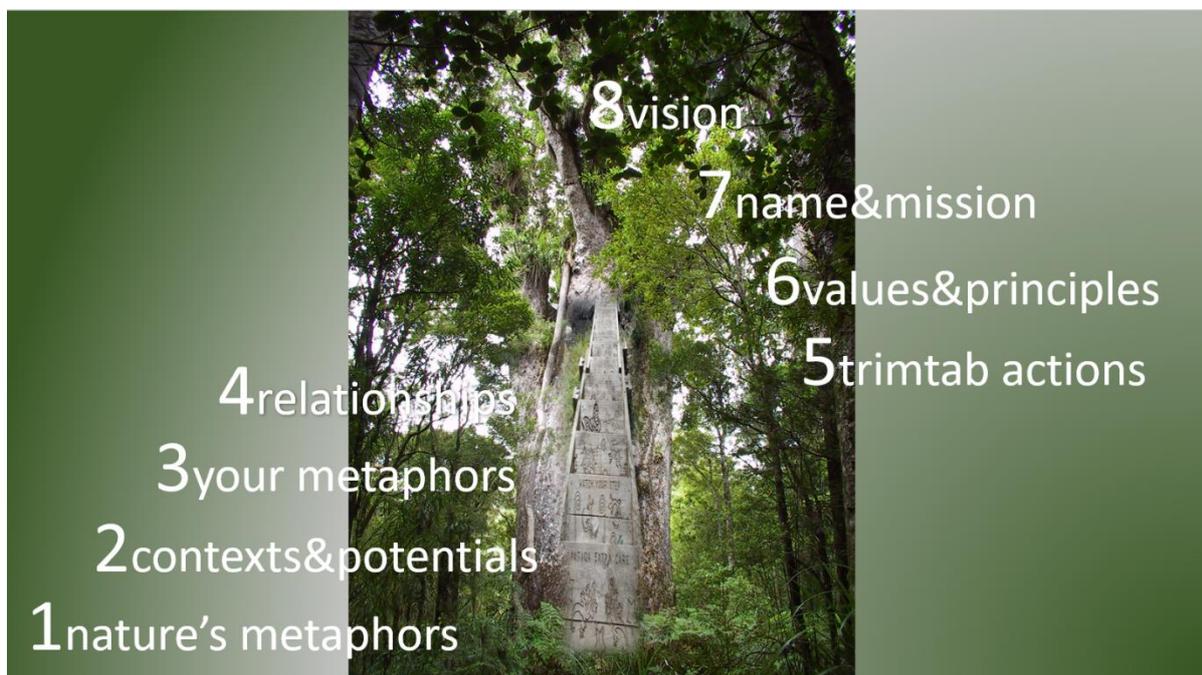
- The 4 TetraMeme contexts ensure we stand back to see the **whole** ecological system we are creating, experiencing and changing.
 - Daniel Wahl: *What if instead we imagined a global movement to reinvent **localism**? What if we envisioned a localism in which each place is a uniquely creative node where people from all walks of life are coming together as citizen designers, working to reconnect human activities with the aspirations of nature by reinventing their work, their places, and how they live in them.*
- *I see humanity as local monitors in Universe. We're local monitors with access to the great design of Universe itself — some of it, we don't know how much we don't know about it. (Chuckling.) The more we know the more we realize how little we know. **Yet we have enough of it to be able to be a useful local monitor.** Bucky, 1976*
- Review your project values, principles, mission and vision... it becomes **FIRM**; **CLEAR**; **CALM** and **BRIGHT**! ...thus mor **UNIFIED**; **SOLIDIFIED**; **TRANSFORMATIONAL** and **ENERGISING**!
- **What's working...**
 - Doing the Homework
 - Letting Go
 - Reflecting – re-TetraMeme-ing
 - Discovering new and more powerful, trimtab ways forward!



20 TETRAMEME STEPS: RELATIONSHIPS

Each project reflected key relationships to be developed with locals; educational/academic/subject experts; institutes; government ministries, etc. Core collaborators and teams are forming...thus it's a good time to consider how relationships strengthen and catalyse action.

- Check out [the tetrahedron as a metaphor](#) The art of creating metaphors may be one of the most significant skills we can learn to share and engage our messages.
- TetraMeme as been honed to 8 steps, the first being to understand the concept that “we are Nature” ...thus stewards of not only of Nature...but of ourselves.



The next 2 slides are searching for how to better explain interdependent relationships. Steps 1-3 focus on creating metaphors that envision how your project UNIFIES – ENERGISES – SOLIDIFIES – TRANSFORMS.

Then we look at the relationships between the Elements and the relationships you will need to develop as the team and collaborator numbers grow.

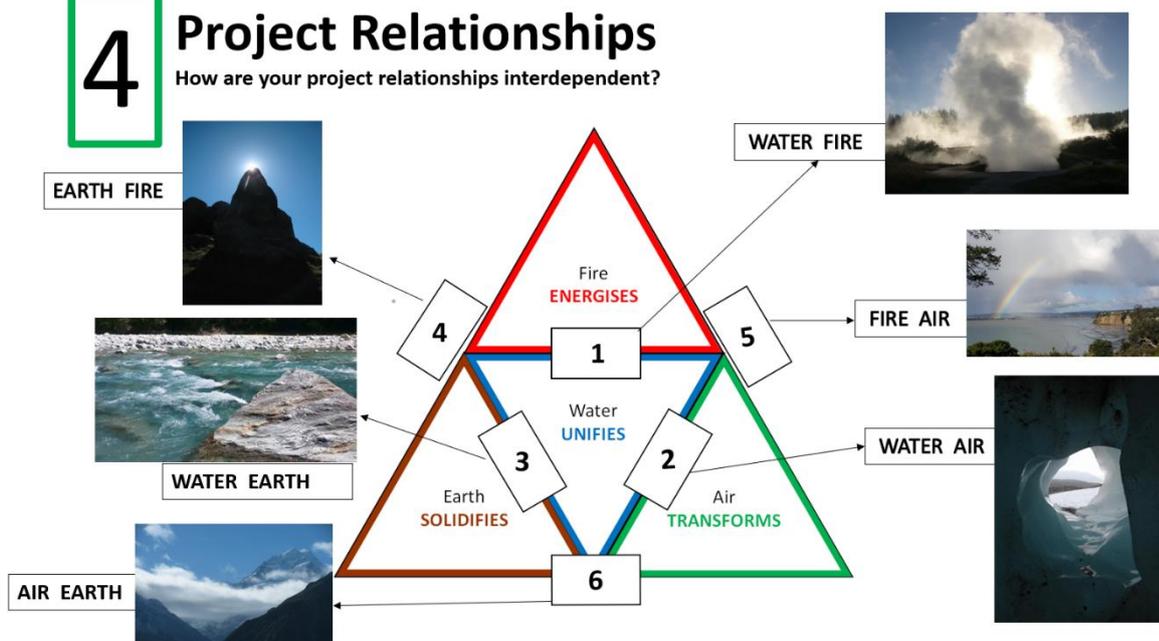


Thanks Felipe for sharing the challenges you had. We've hopefully simplified the process by exploring relationships (eg Water/Fire)...then suggesting a **Trimtab Action** to accelerate progress. When looking at the relationship between two different parts of your project (**the real (tangible) parts**, not the metaphors), explore how are they interdependent and how one part influences the other part and vice versa. Always remember: Interdependence = success dependent on the success of each and every part of a project...just like a living system that depends on the relationships between ALL its parts.

4

Project Relationships

How are your project relationships interdependent?



5

Trimtab Actions

- If regenerative development is about *relationships*, then our *actions* should be trying to improve relationships. So, for each relationship, what's a TRIMTAB...leveraging action that will accelerate the project forward?
- For some relationships, actions might be obvious, but others you have no idea. Try asking a *question* that, when answered would suggest an action to improve that relationship.
- After exploring the 6 relationships, start with the 'easiest' actions to take so you have immediate feedback (evidence and information). This is a way of "rapid prototyping". Reduce 'conjecture' – produce 'actuals' – maintain forward momentum! As you gain actuals...you may find the need to change other trimtab actions.

21 TM RESOURCES TO 9 JUNE '21

The resources referred to below have been superceded.

- a. These are first drafts but we thought as your 'team' grows, you may want to facilitate a session.
- b. The PPT includes notes; links etc to help you explain. There are optional slides you can hide if presenting.
- c. The PPT was created to offer a 'right-brain', visual approach to the TetraMeme process. If your learners are more "Earth/Air"...you may want to focus just on the workbook.
- d. Use the PPT and workbook to best serve YOU:
 - skim through the 8 step process to review where you're up to now
 - view the PPT and Workbook side by side to see how you can facilitate while learners write into the
- e. Pages of the workbooks could be printed out or maybe everyone starts a personal project JOURNAL for notes/ drawings...etc.

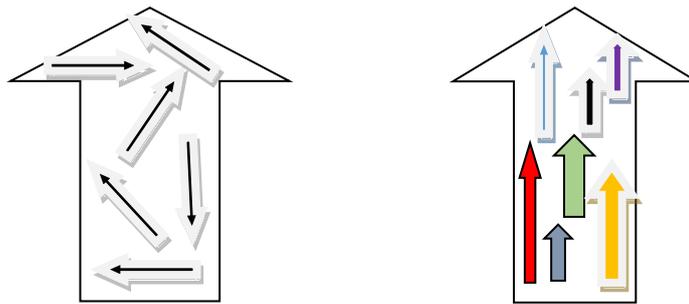
We'll keep improving both with the goal for anyone to be able to facilitate/use the TetraMeme Process. ANY feedback will be appreciated. If it doesn't work for you, just tell us which parts and we'll see how to make better sense of the process. This iterative process will help us ALL to be trimtabs!

See new [Emergently resources](#)

22 REALITY CHECKS

This week's meeting was a reality check of where we each are...and in a way, how we got here. So many gems to learn from, question and apply. Review and imagine what incredible things are yet to happen!

- Indigenous Wisdom:
 - Studies are being made looking at the indigenous sports culture of combined Brazilian ethnic groups. Consider how these diverse cultures organise themselves via sports; communicate and share in diverse languages and customs. How do they integrate varied values, beliefs, principles??
 - There are ways to benefit NOW from the ancient customs of self, group and community care. How do we integrate rituals that have no 'scientific' validation but have powerful healing and regenerative powers?
- How can we disrupt the system while we're IN it? Obsolete what needs to be thrown out in order to work for and with Nature?
- How do we align for greatest impact? Which arrow would you want to be in?



- Be alert to regen processes that directly or precessionally are degrading. Think 'disruptive processes' that are significantly different to extract us from spiralling into the abyss.
- TetraMeme is an "opening – journey – an adventure"
- Consciousness drives our reality. A key is to 'quiet the mind' enough to hear.
- We create our realities...thus must consider..."What are we thinking...saying...believing...doing?" our minds are all-knowing and will do everything it can to support us to actualise our beliefs!
- What will life look like if we "Think beautiful!"?
- Perhaps we're trying too hard to solve... better to resolve.
- Consider the "Co-operating Manual" as a tool rather than a rule.
- Those of us inside the system can/must facilitate, lead change from "inside the matrix."
- Like our meetings... each time we meet with Dr.Hector Rodriguez, we learn. Here he shares his thoughts that link beautifully to all our work. Let's find "[Cracks in the systems](#)" and set our trimtabs to accelerate change!

- Go on a learning journey to explore the crack—the opening to the future—where the current system hits a wall that requires profound new ways of operating. In exploring that institutional or systemic crack, look for individuals that on the one hand are relevant problem owners of the challenge and on the other hand bring the quality of heart for exploring emerging possibilities.

23 DIGNAN: BRAVE NEW WORK

We shared the highs and challenges of building team/community. Bottom-line, our small, happy MISSION team is a great example of the benefits that come from working with people w/ similar values, intent and understanding that we ARE Nature. Through our challenges and responsibilities we are exploring ways to transfer lessons learned to our projects and relationships.

The BFI Co-operating Manual experiment segues beautifully into our MISSION team aspirations. One task was to learn from Aaron Dignan's video.

(<https://www.bravenewwork.com/#video-section>) He wrote "Brave New Work" about org dev that opens w/ the question, "What's stopping us from doing the best work of our lives?"

Ricardo flipped our mindsets by sharing his local reality. People who have NO food, money, nor a safe, healthy place to settle cannot even begin to talk about regen, climate change, social injustice... they need to survive. It's this growing mass of humanity that we, who are abundant MUST find ways to better cooperate and regenerate.

Here are key concepts that can apply to your project: Everything we do, build, plan should look to **capacity building**. At the same time we must find ways to build capacity of those who have so little of everything... including hope. Find trimtab actions and relationships!

1. What "**collaborative governance**" system will foster your project?
2. What does your **learning ecology** look like?
3. How are you...and everyone on your team, a leader? a **gardener**?
4. How can your decision-making processes belong to the widest sphere of collaborators?
5. How will capacity be ever-increasing?
6. Aaron makes a distinction between "Complex and Complicated". Complicated is knowable, but complex can only be approximated. We can 'nudge' the complex (eg regenerative systems)... but we CAN simplify the complicated (eg man-made tools) for greater engagement, and action-taking.

Let's change how we change. Aaron Dignan, [Brave New Work](#)
How can we, the CMSE, resource contributors and end-users **live and use** the concepts Aaron shares?

Collaborative Governance
(consent rather than consensus)

Learning Ecology
(spiral learning)

Leaders as gardeners

Regen decision-making moved to the edges

Ever-increasing capacity growth

The resource information may be complex, but the CMSE is complicated, thus can & must be simplified for accessibility, relevance and utility.

24 ORGANIC DEV & MOTHER TREE

Key messages and thoughts Think how each applies to your project...and life.

1. Organic Development is regenerative: Diversity + Redundancy = Resilience
2. Remove the burden of perfection. What happens when you do?
3. Take short action steps...make mistakes...debrief and keep moving.
4. Maintaining consistent documentation (eg Mtg MINUTES) grounds the Nature of projects.
5. Celebrate unexpected wins! If you're in balance...they'll pop up all over the place!
6. Making Agreements:
 - Make them in the 'good' times 😊. (eg organise divorce protocols early in the marriage)
 - To save time and misunderstanding, early in a project, facilitate a 'values' exercise to reveal what's important to each player, the meaning of each shared value, expectations and discuss consequences when anyone or the team veers away from agreed values.
 - Precede any agreement with a section on "Intent" - the "why of having an agreement" and that the intent is NOT binding.
 - Always include a dispute process – what do we agree to do if we disagree?
 - What are the metrics? How do we measure/monitor?
 - What do accountability and transparency look like in terms of the agreement? The old way was to include a *confidentiality* clause, but may be better to have a *transparency* clause instead.

Prototyping

- Think differently!
- Design/redesign/redesign.
- The prototype as saleable.
- One process Alex has used:

Scrum is a framework utilizing an [agile](#) mindset for developing, delivering, and sustaining complex products.^[1] with an initial emphasis on [software development](#), although it has been used in other fields including research, sales, marketing and advanced technologies.^[2] It is designed for teams of ten or fewer members, who break their work into goals that can be completed within time-boxed iterations, called *sprints*, no longer than one month and most commonly two weeks. The Scrum Team assess progress in time-boxed daily meetings of 15 minutes or less, called daily scrums. At the end of the sprint, the team holds two further meetings: the sprint review which demonstrates the work done to stakeholders to elicit feedback, and sprint retrospective which enables the team to reflect and improve. From

[https://en.wikipedia.org/wiki/Scrum_\(software_development\)](https://en.wikipedia.org/wiki/Scrum_(software_development))

If your project is a "Mother Tree", how does it...

- operate like a living system?
- communicate, stay connected between its many parts?
- regenerate and remain resilient?
- continually build capacity?

25 NEXT PRACTICE

Useful Reminders

- Everything we design and create must build capacity to support, revive, regenerate Nature.
- What do you do when you don't know what to do? Go beyond 'best practice' to 'next practice' where you:
 - learn to fail well
 - learn to be comfortable in chaos
- Our projects focus on working to regenerate Nature and our connection with her. In the meantime, we are supporting humanity to live together, collectively WITH Nature, be it in high-density urban settings or rural expanses. Both contexts must be ecological, just and sustainable.
- We will, at some stage, find it necessary to address the issue of population. How might we begin?
- "Tiny forests" <https://www.weforum.org/agenda/2020/07/tiny-urban-forests-miyawaki-biodiversity-carbon-capture/> (thanks Ricardo!)
- Aaron Dignan, *Brave New Work*: How can we change the way we change?
- Sociocracy: also called *dynamic governance*, is a system of governance which seeks to create psychologically safe environments and productive organizations. It is distinguished by the use of consent, rather than majority voting, in discussion and decision-making by people who have a shared objective or work process. (Wikipedia)

26 CENTRE-FOCUS-FOLLOW THRU

1. Luciana and Alex situation re: the normalisation of a ‘new line’ of illegal activities...land grabs. Here are possible ways to address aggressive conflict:

- Centre – Focus – Follow-through: This Aikido technique was taught to us by David Lynch, Aikido Master. Watch this video to see how David centres; uses the opponent’s energy for non-violent outcomes. Look for the “TetraMap Window!” in David and Hisae’s beautiful geodesic dojo. <https://www.youtube.com/watch?v=reY-JsQsEk> .

(2023 update: Our dear friend David, passed away September, 2023, in Hamilton, NZ. The dojo has been sold, but his legacy carries on @ [Aikido Sensei](#))

- Emerge from emergency: Because of this emergency, RELATIONSHIP building opportunities revealed the true, not imagined, nature of the community stakeholders. Meeting them in person turned conjectures into actuals!
- Consider ‘cracks in the ego-system’ of politicians, stick your foot in and push. Find a wrench (or trim tab) to apply leverage. Target the radio station WIFM: **What’s In It For Me?** Make them look good in the eyes of their people, the environment movement, etc.

2. Team up with NGOs; environmental community groups; Universities; media
Intergenerational Clashes:

-How do we acknowledge the past...guide those stuck there to move forward?
Acknowledge achievements and mindsets – value contributions.

3. Meg Wheatley: posted on the Co-operating Manual MIRO Board



transformationallearningoppo...

Two Loop Theory

Before Wheatley and Frieze added the "dying" loop to the picture, most change agents never recognized the proposition that this visual points at through the inclusion of its second loop: Any effort to extend the growth and development of a human system ...

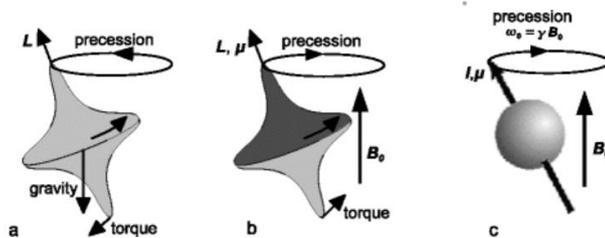
Whether or not we acknowledge it, to be effective we have to pay close attention to both the living and the dying sides of any organizational transformation. **If we want to launch a successful transformational effort, we need to support the disintegration cycle and the germination cycle**, especially if we want to create for the people involved in both, the kinds of events and processes that they can experience in positive, developmental ways.

4. Permaculture principles enable succession planning with compassion

5. Food sovereignty: a BIG concept that includes climate action/solutions. Consider the “power of food” and steps, small and big to promote regen development. Every individual chooses what to eat – it is up to all of us to commit to lower carbon diets!

27 CREATING STORIES

- Build your story. Collect photos, videos, meeting notes for blogs, marketing, the NW story.
- Optimise use of your website... eg blogs, plans, etc. Grow it w/ private spaces for those on your immediate team to contribute to and public spaces that teach, engage, inspire.
- Consider how to monetise (maybe in a completely different currency system) capabilities by exploring what's already nearby. Eg... who's already in the area that could make use of a service(s)/products you offer? What can you prototype quickly with existing resources to measure interest and check for unanticipated results?
- How will you start a new story or re-story an existing one?
Yuval: <https://www.youtube.com/watch?v=zen-m0rMp4I> on "stories"
- Precession: <https://youtu.be/ty9QSiVC2g0?t=55>



Bucky reminds us to consider possible precessional outcomes that emerge from our actions. In fact, maybe we should envision and plan for precessional outcomes... positive AND negative!

- We're supporting each other to stand on the edge...we will either fall or SOAR! Let's SOAR together!
- Rather than stand and watch life unfold, let's [create the future in cooperative dance!](#) (Emérgently Backstory)

28 CHALLENGING OPPORTUNITIES

Great opportunities to make a difference!...challenging but...

1. Nature Wisdom

- The encounter with the palm tree cutters can be a turning point. Using the knowledge these men have of the forest, the trails, and the specie to guide scientists to study the forest!!
- Illegal allotments – get together and join forces with those who are already on the road. Together we are stronger (and safer!)

2. Ricardo – Arbolaria

- Crowd funding campaign is on!! From family and friends to the world!
- Dealing with climate adversity (unexpected rainy season) seems to be our future. Embrace and learn how to work with this.
- Crack in the system!! The increase of pesticides price can help the transition to agroforestry. W/ the support of the University!

Thoughts

- The same knowledge can be used to harm or to good. The non-judgmental behavior may help us to connect and transform.
- In group meetings, periodicity and group size seems to be important to keep the energy of the group.
- What unites us X What tears us apart. Focus on the mission of the group.

29 DAVID & KAREN'S STORY



DAVID

- The importance of the land and the ancestors to Māori culture. Presenting yourself by saying your mountain, your river, your lake, etc.
- “You belong to the land, not the contrary”.
- 14 acres property: “Not just an ecovillage but a statement of returning”.
- The challenge of land ownership and maintaining connection with the principles.
- The project connects two cultures. European & Māori. Business view/how to make money & nature/protection/cultural.
- KEY ISSUE: Relationships. How to work collaboratively (in a post pandemic world)?
- Māori protocol/ritual for welcoming visitors is a great example on how to set context.
- The issue of time. Time things take to happen, time someone needs to be trust. Build the time, build the trust.
- Architecture as a statement, of culture, of principles. Use architecture to tell a story, to give a message.
- Illustrations in the documents sometimes can communicate better than words.

<https://www.totallytarawera.com/about-us/>

30 REGEN LEARNING!

1. Discovering the concept of “whanaungatanga” from David last week helps us to understand the significance of setting a context that establishes our personal and group connection to our land, ancestors and each other. This Maori protocol is a very powerful way to unify, energise, solidify and transform in the first minutes of any gathering.
2. When one dedicates self to a pursuit...opportunities emerge! That dedication can come at any time...perhaps after many of months/years of exploration, doubt, chaos...fear even.
3. We can/should(?) be motivated by ancestral wisdom remembering that the land owns us...not we own the land. We are “kaitiaki”, stewards to the land.
4. Let’s learn as much as we can about ‘handprinting’...leaving the land better than what our footprints have created.
Lesson plan: grades 5-12 on Handprinting: <https://climatechangeconnection.org/wp-content/uploads/2019/03/Ecological-Handprint-Backgrounder.pdf>
See also <https://asknature.org/?s=carbon-handprint>
5. For some, regeneration is a “returning”... to others working ‘as if’ we are the mana whenua – stewards of the land – will help us envision 7 generations into the future. In either case, what must we DO NOW to engage and catalyse action? (Reminder...if starting as new visitors to the land, you might be ‘colonisers’ who’d benefit from doing whatever you can to find the ancestors who preceded, no matter how long ago. They & the land will offer a sense of place with permission to re-settle the land.)
6. Ricardo’s presentation shares great lessons for all of us.

Why ReGEnerative Schools, heart of ecovillages?

The new world needs a reinvented education, remembering the ancestral knowledge and wisdom of the simple/complexity of life.

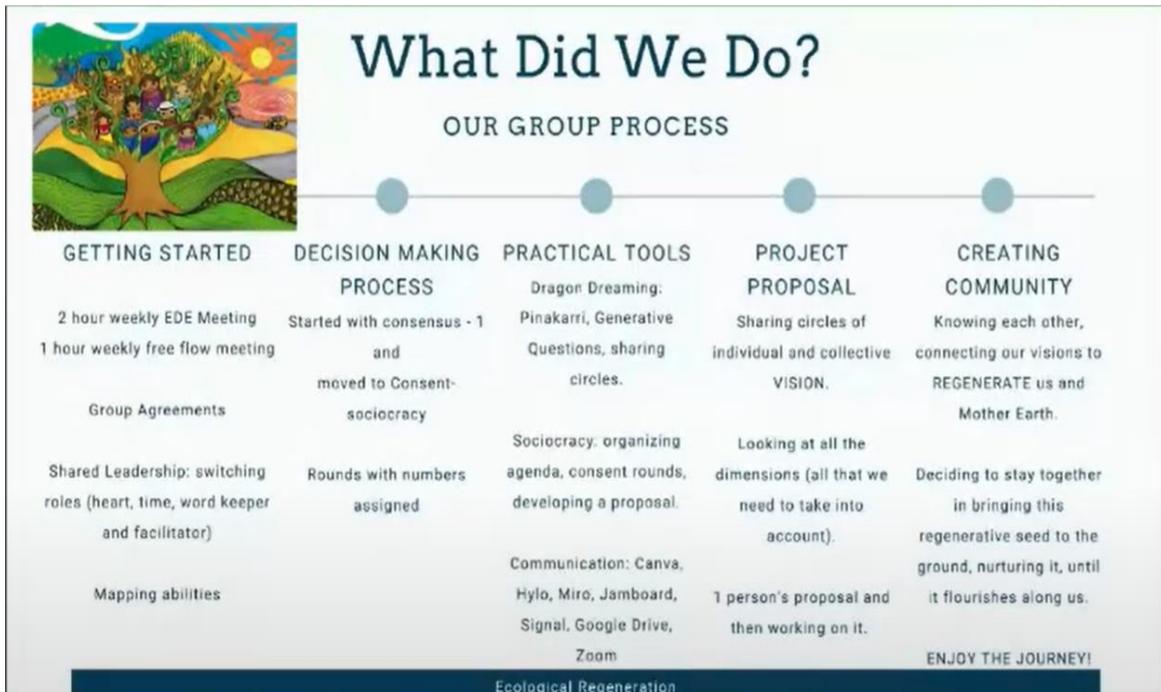
This knowledge and wisdom is a human right, connecting to our heart and the heart of mother earth.

We urgently need to sow/harvest regenerative seeds-humans of transformation.

Mother Earth is desperately calling for us, to heal and regenerate ourselves and her in the process.



Página 9 de 14



The cohort has sown seeds of transformation and created a 'living document'.

TetraMeme the cohorts key principles

Water unifies to HONOUR INDIGENOUS WISDOM

Fire energises to be FUN AND CREATIVE!

Earth solidifies to BUILD CAPACITY

Air transforms to MAKE REGENERATIVE KNOWLEDGE ACCESSIBLE

TETRAMEMING IN ACTION

Actuals

- We've now met 30+ times with each meeting inspiring and supporting project evolution
- 75% of the projects (NW, Arbolaria, TetraMeme) have developed with more clarity of purpose; relationship developments; collaborations w/ key stakeholders and universities.)
- We've created an 'energy hub' that manifests continued project expansion to unexpected positive outcomes.
- Our meeting minutes and videos contain relevant information and development ideas.

Question: What is the utility of the Mission Minutes (Videos)??

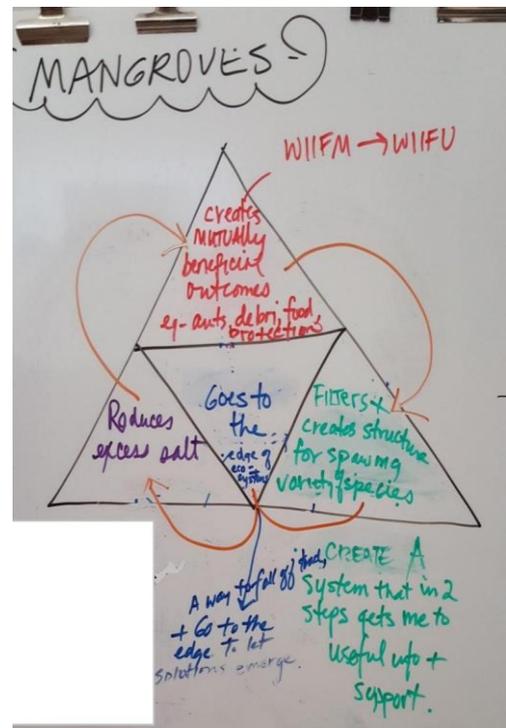
With this question in mind, we workshoped the first 2 steps of the TetraMeme Process.

Step 1: Contexts & Potentials. Step 2: What is the project/question metaphor? Mangroves!

PROJECT? UTILITY of MISSION MINUTES

TetraMeme -
An experiment in non-linear planning

CONTEXT	POTENTIAL
<p>SOCIAL:</p> <ul style="list-style-type: none"> • SME TEAM like-minded indi • many global teams looking for ways to cooperate • record of inspiring meetings • lots of data collection w/ no thought to utility or sust. <p>POLITICAL:</p> <ul style="list-style-type: none"> • COVID19: in lockdown • Climate emergencies • Institutions 'losing control' • people rising up - fear/anger • conformity decreasing <p>ENVIRONMENTAL</p> <ul style="list-style-type: none"> • Deteriorating env • IPCC • lots of global eco exp. • climate deniers <p>ECONOMIC</p> <ul style="list-style-type: none"> • finance systems challenged • Equity/justice gap increasing • Addiction-based economy <ul style="list-style-type: none"> • fossil fuel • consumerism • individualism • idols 	<p>PROVIDE A TOOL/PROCESS/ incentive to create + sustain inspiring meetings so @ can return to solve + evolve their local project</p> <p>In the absence of or replacing hierarchy of control - offer a new system of collaboration</p> <p>Facilitating change w/ accessible, relevant, quickly applicable data + guides.</p> <p>Leak-in Replacement mindsets + behaviours eg. cryptocurrency tokens ethical investing</p>



Possible utility:

Create a system into the Minutes that enables a reader to in 2 steps, get to useful, applicable information.

31 REFRAMING OUR MTG MINUTES



25/26 August 2021

Friendly kingfisher discusses the WAKA journey with the crew.
(Waka design: Jon's Dad; Artist: Jon)

Our Nature Wisdom Waka carries us, our ancestors and all those who will join us on this journey.

Indigenous Wisdom

- Being on a waka helps to identify who is on the journey toward a shared destination.
- Brazilian indigenous rituals around the diverse range of corn have become a meeting point to share knowledge and seeds with descendants of Luciana and Alex's project land.
- Each of us has multiple waka scenarios...at some point when they meet, opportunities may arise to leverage distribution and engage greater numbers into our messages and visions.

Reframing Meeting Minutes

- How about **Waka* Log**?**
- Our minutes are more learning notes; ideas generator; collaboration / inspiration catalysts
- "Learning something = a good meeting"
- The 31 logs we've created ground the meeting/learning process and help us set the pace for action. The logs serve us as a...
 - Earth: Tool to trigger action
 - Air: Resource that gives life to documents/artefacts/information shared
 - Water: Reflection guide
 - Fire: Opportunity to re-centre
- Our notes filter, summarise and enable us to further filter and integrate.
- FYI: The TetraMap Approach to create great meetings was to:
Earth: Set Context Fire: Engage! Air: Shift Mindsets Water: Raise Self & Team Esteem
- ***How will you integrate this reframe of meetings and minutes into your life?***

TetraMeming

Step 1: CONTEXTS (Positive & Negative): Social; Political; Environmental; Economic.

Then the POTENTIAL of each.

Step 2: Find a metaphor that describes each Element of the project. Check out Ask Nature! We went to <https://asknature.org/biological-strategies/> - searched for "Collaboration" and voila!...Mangroves covered aspects of all 4 Elements!

*more about waka: <https://teara.govt.nz/en/waka-canoes>

** log: Think Star Trek, Captain's Log:

*The captain's log was **a form of log entry record-keeping** that was used since the first captains sailed Earth's seas in ancient history. The log was used to inform the captain's superiors of what was happening on a mission and to record historical facts for future generations. Hmmm...sounds familiar!*

32 WHOLE GAME IS METAPHYSICAL BR

EARTH- SETTING CONTEXT Fertilising the Soil

- It helps to see all our experiments, conversations, frustrations, reflections are 'fertilising the soil' both literally and metaphorically.
- It helps to step back and reflect on the systems that keep everything together.
- A great video clip: [The Wisdom of the Interconnected System](#): Verdana (90 secs)

FIRE- ENGAGEMENT What engages people?

- Simon Sinek: The Golden Circle
Engage not with what you're doing... but with the **WHY**. [5-min clip](#)

AIR – "THE WHOLE GAME IS METAPHYSICAL" Bucky

From a graduate student interview with Bucky, Dec. 1976:

<http://www.wernererhardfoundation.org/bucky-grad-review.html>

We find those who are lucky to find a place where nature is bountiful and growing continually being invaded by those who are not so lucky. So it is a working assumption of the great majority of humanity that there is a lethal inadequacy of life support on our planet. Therefore we have politics. Human beings have had politics for so long that they assume that it's part of life, part of the universe. Each ideology is saying, "We have the fairest, most logical, most ingenious way to cope with lethal inadequacy."

But because there are diametrically opposed theories of how to do it — the socialists and the capitalists and so forth — and the other side will not yield, we can only test which is fittest to survive by trial of arms, so for the past 20 years Russia and the United States and their allies have been sum-totally appropriating two hundred billion a year for destruction.

It's not just a waste of dollars, this focusing the highest capabilities of man on how to destroy. Rather than trying to look and see whether they can make man work, they focus only on physical properties. **They have nothing for the metaphysical at all, and the whole game is metaphysical.**

I see humanity as local monitors in Universe. We're local monitors with access to the great design of Universe itself — some of it, we don't know how much we don't know about it. (Chuckling.) The more we know the more we realize how little we know. **Yet we have enough of it to be able to be a useful local monitor.**

WATER – HUMAN COOPERATION

Burning Man validates the serendipity and interdependence that the Nature Wisdom team has experienced:

We saw a network that champions cooperative effort and whimsical creativity over efficiency. These values create a unique context where unexpected optimism and serendipity are the norm.

[What our experiment in the desert taught us about social networks and human cooperation.](#)

- Explore [vernacular architecture](#), organic technology, bio-construction.
Re-visit [LA MALOCA](#) (from our 3rd meeting!)

34 LEADERSHIP

Let's look at TetraMeme as a framework for leadership. As you read the 4 verbs – think about a time when you've unified; energised; solidified; transformed as you created and developed your project. As a leader... when have you...

- **WATER: UNIFIED**
- **FIRE: ENERGISED**
- **EARTH: SOLIDIFIED**
- **AIR: TRANSFORMED**

Acknowledge and be grateful for what you/we've achieved in a very short time. Our successes and lessons we learn from challenges remind us of our responsibilities as leaders and facilitators of change. Here's a TetraMeme of useful concepts for trimtab leaders:

- **AIR Perturbation** Although we can say a seed *dies*, it really just *lets go* to make way for life. Consider one definition of "*perturbation*": when an organism or system is stressed/impacted enough, it transforms. A seed can remain in a steady state for a long time until it is "*stressed*" with water, sunlight, temperature, to the point of transformation... then it germinates and cannot go back to being a seed!



When have you worried or thought about something so deeply that when you thought all was lost, an idea, solution, reframe pops out? When have you experienced a team struggling to the point of exasperation...then *pop!* a thought, solution, reframe happens? Transformation usually requires perturbation... stress, self-doubt and letting go.

- **WATER Values** List your values. Examine each right now and share or write down:
 - How am I living this value in support of Nature?
 - How is this value being compromised and creating challenges for me?
 - How will this value save me, my project(s) and keep me to serve Nature?
- **FIRE Legacy** Tetra-Bottom-Line (see origins: <https://tanglewood2.net/home/owners>)
- Water: People
Earth: Planet
Air: Profit
Fire: Legacy (What will be your legacy for 7 generations to come?)
- **EARTH Trust**
Shakespeare and Juan Pablo Cortes (Equipos speaker) remind us to "Know and Love thyself". We add...trust thyself. To know, love and trust yourself will allow you to 'let go' and know, love and trust others. It will give you the confidence to say yes, no, play above-the-line and let go to grow.
Remember:
 - *There are no mistakes.*
 - *We create our own reality.*
 - *Work interdependently with each other and Nature.*
 - *What will it look like when we each live our values in support of Nature?*

35 FACILITATING ECOLOGICAL CHANGE

As projects develop, the need to facilitate change becomes an ever-increasing responsibility. Facilitation, like leadership is both an art and science: the art of holding the space, reading the room, maintaining engagement and keeping the space safe for all involved. The 'science' includes the application of Nature's principles and biological strategies to move self and teams toward ecological solutions that serve Nature.

Experiment: TetraMeme applied to setting the context for a new team.

To 'earn the right' to facilitate anything, one or two key relationships must be developed:

1. **If you are the leader**, build trust with the group by engaging all 4 Elements with information about your:
 - Earth: confidence
 - Air: credentials
 - Water: care
 - Fire: creativity
2. If you are not project leader, establish a personal relationship with that person. Consider what specifically is important to know about each other to build trust.
3. Be clear on the 'team culture' the leader wants to build. Be sure that this is the culture YOU want to be a part of. If is not, what is the opportunity to work with the leader to create the context where everyone involved will thrive?
4. Offer to facilitate a session to socialise the group, build trust and ensure everyone is not only on the same page, but is excited about the potential of working together to reach personal/group goals.
5. Below is an hour, or so, session outline that might help. It is ALL open to change to fit into your context.

Opening: Set the context by acknowledging/welcoming all attending. Remember how Karen shared the Maori custom of "whanaungatanga" as the FIRST thing to do in any meeting. It's about socialising the group and planting seeds for relationships to blossom. Facilitate a process to get people talking to each other.

- a. Ideally you're in Nature – "Look around – pick one scene, plant, or view that reflects your Nature and think about HOW it does. Give a personal example first, then invite them to discuss their pick with someone next to them.
- b. Ask who'd like to share their metaphor and thoughts. (Maybe use an artefact, eg talking stick, a rock, leaf...something that comes to each meeting. This will become a ritual with everyone knowing whoever holds the 'stick' is speaking from the heart...and all are listening.
- c. Values Exercise: What is a value? How is it important in one's life? Etc.
 1. From a list of values...choose 4 that are most important to you.
 2. Work in pairs: person #1 asks...if you had to take away one value...what would that be and **why that value important to you**. (eg: freedom; love; family; safety; sustainability; honesty, etc)

3. Person #2 asks...if you had to take away one value..etc. Go back and forth until you're each down to one value and describing its importance.
4. Come back to the whole group to share: it's not necessarily a discussion, but what they found interesting about the exercise. What did they discover? Feel?

TETRAMEME: CONTEXT AND POTENTIAL

We do not know your specific contexts, but "TetraMemed" your Nature Wisdom projects from conjecture. Please change to match your reality so that key relationships and trintab actions emerge for you.

1a. CONTEXT

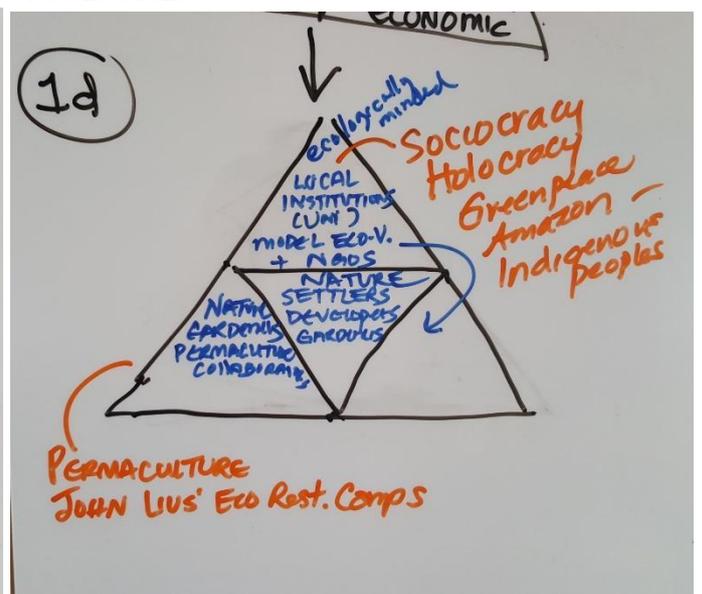
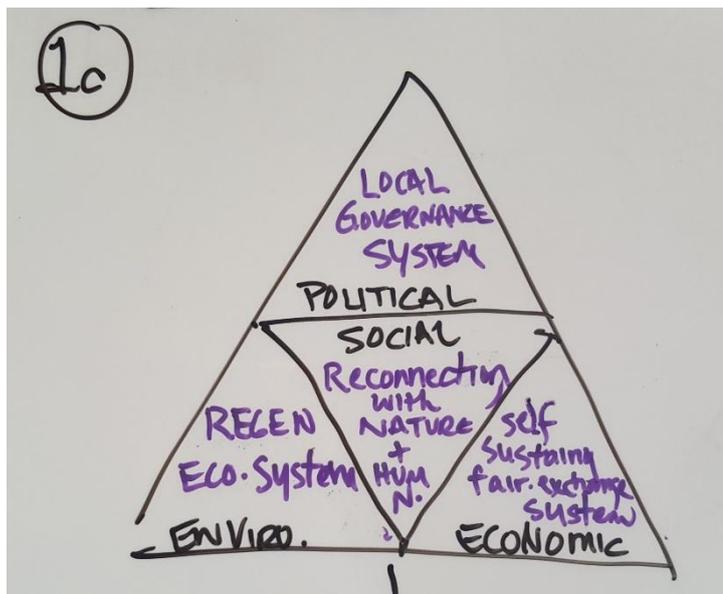
- *Social*: Increased interest shifting from urban to rural
- *Political*: Risks (eg squatters) and govt and public corruption
- *Economic*: Uncertainty re: debt and infrastructure
- *Environmental*: Degradation and loss of natural infrastructure

1b. POTENTIALS relevant to context

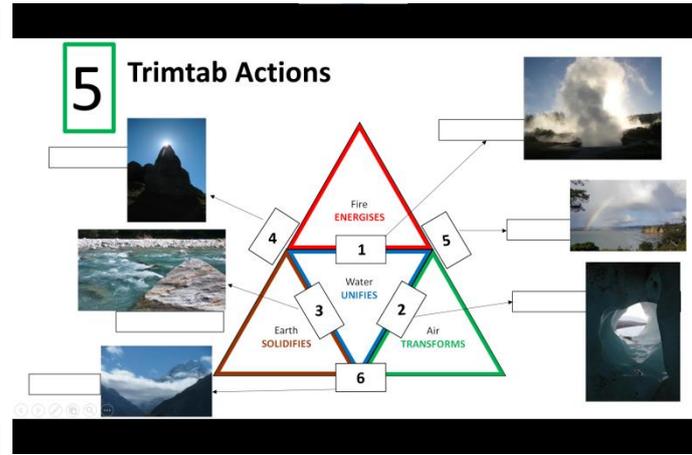
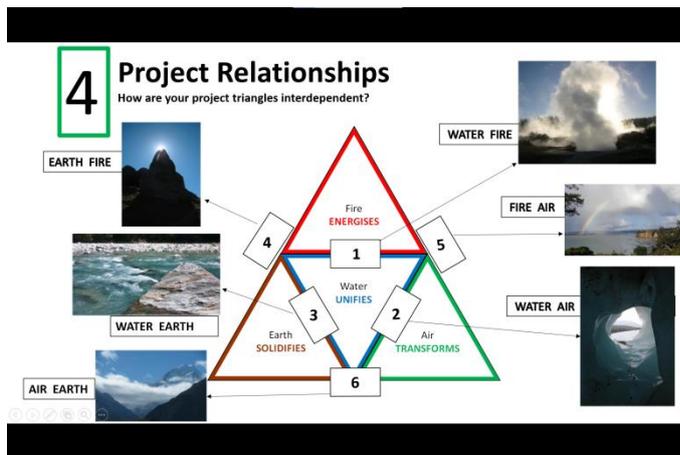
- *Social*: Reconnect with Nature and human nature
- *Political*: Create a local governance system
- *Economic*: Design and implement a self-sustaining, fair system of exchange
- *Environmental*: Create a regenerative ecosystem for both Nature and human nature to thrive

1c. Transfer to TetraMeme Framework

1d. Specify stakeholders involved in POTENTIALS



- Then look at the interdependent relationships & actions...honing down to the next steps to take.



36 WHEN CHANGE HAPPENS

In discussing a massive change in Alex's work situation, ideas emerged to help navigate through:

Water: Strategise how you will create a 'sense of belonging' to unify those moving forward with you.

Fire: Look for new and precessional opportunities, impacts and leverage points to accelerate transformation.

Earth: Use the time to solidify*

Air: Grieve for what was... acknowledge the past as the foundation for moving forward. Clarify how lessons learned can be applied to transform into a new/refreshed business and ways of being.

QUESTIONS TO CATALYSE REGENERATIVE DEVELOPMENT

Water: What's our story? What mindsets and behaviours will best support us in future?

Air: Where are we on Nature Wisdom's Mother Tree?

Fire: How can we facilitate (make it easy) for team members to re-group, re-energise, re-create and regenerate? (Engage everyone in the development of the project's social, political, economic and environmental potentials*)

Earth: What can each of us, individually and collectively DO and commit to for our future together?

Quote of the week

Love your limitations

Choose them wisely you must

Yodimi

*The page below is taken from TetraMeme Workbook 0.8 (archived). It was designed to be used in conjunction with the TetraMeme Storyboard Steps 0.8 (also archived and superceded)

These are experiments to figure out what, if any resource will help you facilitate TetraMeme.



Project Description	
Context (current state)	
Social, cultural	
Economic	
Environmental	
Political	

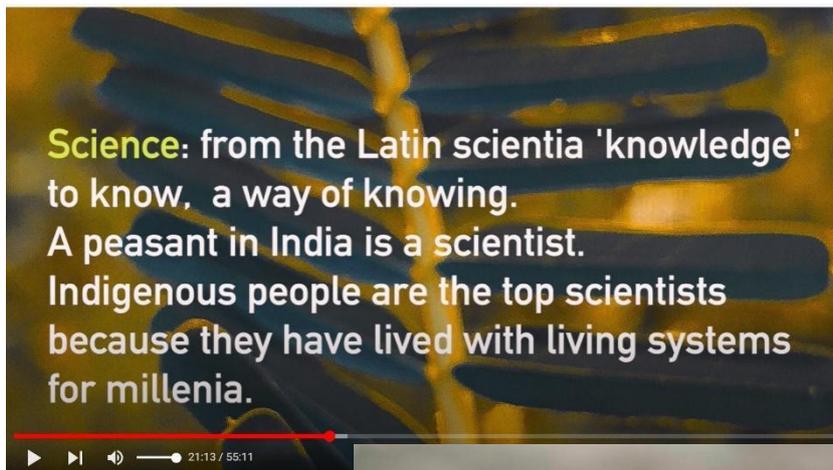
Potential (desired state)	
Social, cultural	
Economic	
Environmental	
Political	

37 SEEDS: THEIR GIFT TO US

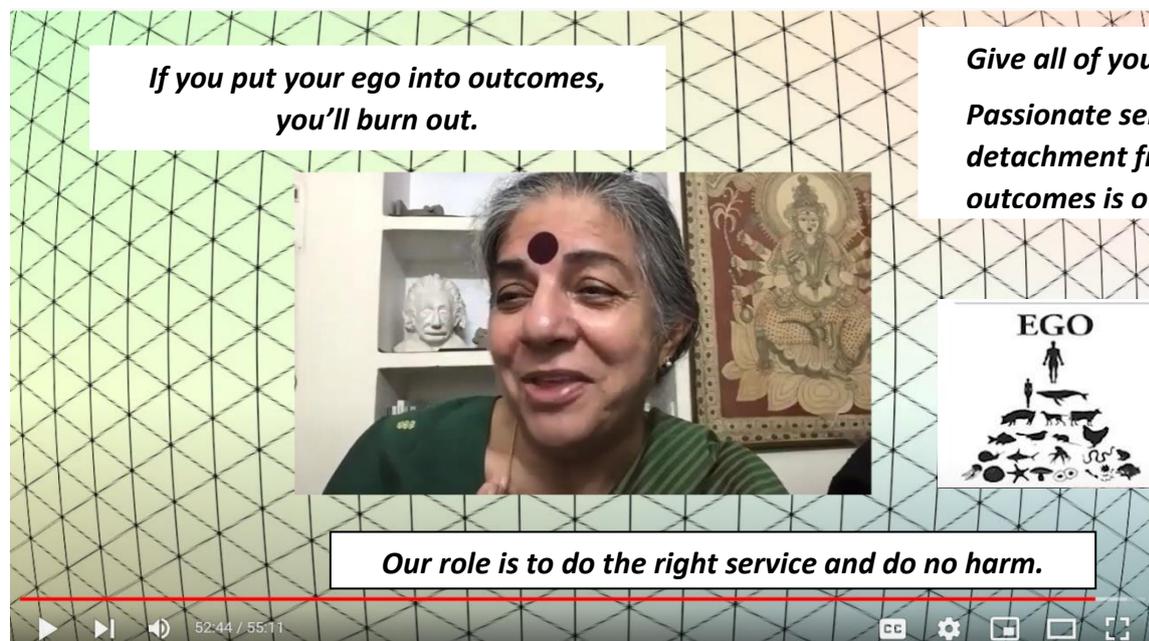
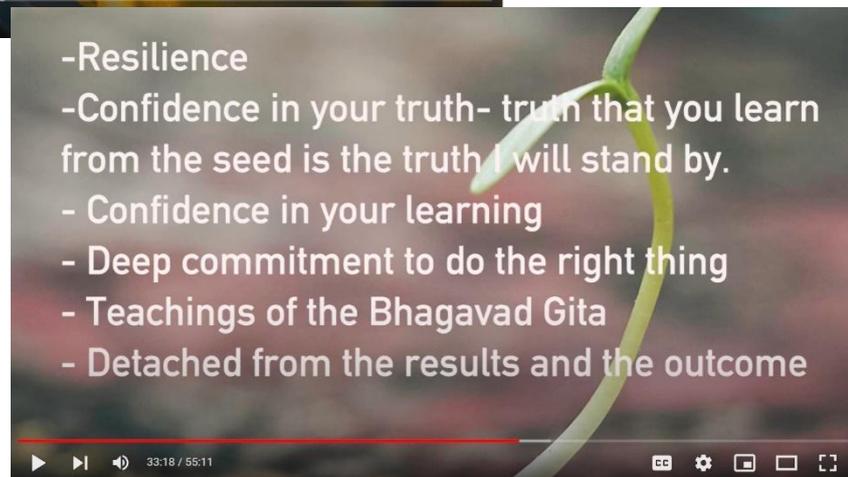
SEEDS give us

- **Earth:** Resilience **Air:** Diversity **Water:** Connection **Fire:** Hope

This hour with Vandana is powerful. Her journey reflects the significance of seeds to the sustainability of humanity and the planet. [SPACE CAMP OCT 2021](#) (Note tracking times to hear stories)



Food is the currency of life
The Earth is one family
Non violent relationships IS the way of knowing.



38 ARBOLARIA TROPICAL UPDATE

WELCOME MILA and MICHELLE!

Our meeting and story-sharing with new friends builds on last week's TetraMeme:

Earth: Resilience **Air:** Diversity **Water:** Connection **Fire:** Hope

Today's Waka Log sets a context for Ricardo's mission and how the integration of Nature Wisdom and Arbolaria Tropical expands and nourishes this ever-growing ecosystem to 'build a new model'.



ARBOLARIA TROPICAL

Summary of Mission vision

The creation of Food Forests, bringing back the indigenous vegetable species that once were the basis of the community's diet. We can address biodiversity loss, hunger and unemployment of many people in the community while re-educating ourselves by transitioning from an industrial agricultural mindset to regenerative agriculture and permaculture designs. The first Food Forest in this territory will serve as a seeds library and on the basis of low-tech solutions and as a demonstration plot so Food Forests can be replicated elsewhere for the restoration of soils, healthy, resilient and diverse food systems.

- **Original TetraMeme Potentials** (summarised from [Arbolaria Tropical website](#))
- SOCIAL POTENTIAL

Empowered local communities as agents of positive change in the bioregion. Trained in the creation and maintenance of family and community gardens and food forests. Managing direct access to healthy, diverse and abundant food. Boosting family and cooperative ventures by participating in the value chain. Permaculture training. Access to sustainable technologies such as water harvesting, dry toilets, biodigesters and bio-construction.

Community of agro-producers committed to the local community and the ecosystem, participating in collaborative and cooperative strategies.

- ENVIRONMENTAL POTENTIAL

Restoration of native ecosystems, regeneration of degraded areas from sustainable ecological systems such as permaculture, agroforestry, key line system, reforestation practices and recovery of watersheds, recovery of habitats capable of promoting biodiversity.

- ECONOMIC POTENTIAL

The choice of a range of plant species that allow the extraction of vegetable oils with demand in the national and global market. The construction of a value chain, agricultural production, transformation of raw materials and commercialization, allowing the creation of work at a personal, family, community, cooperative scale and the revitalization of the local economy.

- POLITICAL POTENTIAL

- Formulation of Governance agreements, empowerment of community activities. Self-management.

Mission Goals

... build a new model that makes the old model obsolete"

- Design an economical strategy for Creating a Storytelling so
 - a) the onsite communities can open and engage to the Regenerative Agriculture acting locally.
 - b) Organizations and Networks can engage and support the project globally.
- Permaculture and Agroforestry designs to create Food Forests from diverse angles. (Seeds library, Biodiversity, water catchment, irrigation, plant association, Coppice forests for energy, etc)
- Discuss and design how to implement Low Tech solutions for the development of the project. (Ram Water pumps, Biochar kilns, etc).
- Financing the project.

5 STEPS TO ACHIEVE GOAL

- 1 Frame the context for the mission.
- 2 Choose the tools, technologies and management that could be applied and implemented..
- 3 Develop a Storytelling.
- 4 Design a Financial model that can make the mission sustainable and replicable.
- 5 Impact evaluation processes, metrics.

Some Meeting LEARNING GEMS to digest & apply (Thanks everyone for sharing!)

1. Celebrate small wins AND 'set-backs' that inevitably create new openings and opportunities.

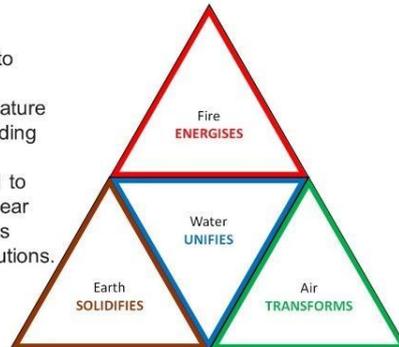
2. Remember Maori “whanaungatanga” (start by building and strengthening relationships).
3. It’s helpful and engaging to begin with what you stand for.
4. Story telling helps us communicate our goals and is the medium for developing mycelium networks.
5. Like Vendana, we are regenerative practitioners who have so much to learn from indigenous peoples and our ancestors:
 - a) *Indigenous people are the top scientists because they have lived with living systems for millennia.*
 - b) Excellent reference: *Sand Talk: How Indigenous Thinking Can Save the World* by Tyson Yunkaporta
6. A motivating question to keep asking ourselves: How do we collectively become an ecosystem?
7. Interdependence: My flourishing depends on you flourishing.
8. We are a human mycelium collaborative.
9. Rather than seeking project funding...seek ecosystem funding.
10. Engage with immersive embodied experience...through games, dance, movement, art, music
11. Frequency of interaction throughout development is critical to maintain energy, change and regeneration. How do we replace old habits with habits that serve Nature?
12. It is an illusion to think we control growth.
13. We are the sum of all that is around us.
14. State actuals; experiment with conjectures; succeed/fail quickly and experiment again.
15. TetraMeme is a design framework that reminds us that we ARE Nature and that our diversity is our strength and beauty.

39 MAINTAINING MOMENTUM THRU ACTION

27/28 October 2021

TetraMeme is...

- an ecological framework to visualise systems.
- based on metaphors of Nature and the tetrahedron unfolding and folding.
- a linear process designed to reveal the implicit, non-linear networks and relationships needed for ecological solutions.



WELCOME MERY JESSIE!! You will add so much value – thank you for joining in!

Today's meeting reflected how we're each maintaining mission momentum.

Some thoughts/actions to stay in motion:

- Experiment to turn conjectures into actuals (eg Luciana living on/in the land to 'experience living in community and 'living my values' by starting the *practice* part of 'reflective *practice*'.)
- Live differently into a different world.
- Let go of ego!
- Step back every now and then to celebrate how we're fertilising and preparing the soil to maximise the health and sustainability of the seeds we plant. (Ricardo: with every session/ conversation/ certification... networks are growing and evolving)
- If we are all 'coming from the future'...What are we sharing? How are we guiding? What are, have been, will be our trimtab moments? (Looks like we're all experience those moments NOW!)

What are the opportunities? John Liu's Eco-Restoration Camps

<https://www.ecosystemrestorationcommunities.org/learn/>

Nature Wisdom and Arbolaria Tropical have in the last 9 months fertilised the soil... possibly to sprout seeds of a camp! At the same time, John Liu's Camp project has also evolved into a global movement.

Note: this is the UN decade on Ecosystem Restoration 2021-2030!!! We're in it!



40 MISSIONS & ATTENBOROUGH

Ricardo: EXCELLENT Mission Presentation! *Arbolaria Tropical*

Unifies with shared values

Energises with hope via replicable guidelines for a diversity of contexts

Solidifies with tangible actions already taken

Transforms with new ways of thinking and doing

The SPACE CAMP presentations all contributed the TetraMeme above.

Here are a few highlights that apply to all our projects: (link no longer alive)

Tokenization for Regenerative Blockchain Earth Economies: Stacey Murphy: (~22 mins in.)

“What is the nature of prosperity?”

Homegrown Futures (~33mins in): JC Jaress and Julia Akker

“Lawns to Food Gardens” - huge trimtab project for urban/suburban ecological development

Regenerosity: Anna Andrade (~1:12 mins in)

Our application: ask ourselves... What is our project “brand”?

“How can a brand express that everything we do is co-created with nature and therefore will always be in constant change and adapting to the environment and new conditions?”

REMINDERS TO HELP US SHIFT MINDSETS

Set **CONTEXT** relevant to the audience (adapt your *what* and *why*).

Build **TRUST** or have someone with you who the audience trusts

Show tangible, visible **EXAMPLES**

Ask **QUESTIONS** to give everyone a chance to voice their truth

Show vulnerability and **HUMILITY**.

Stay “**ABOVE-THE-LINE**” always and help everyone to recognise triggers that signal below-the-line thinking or actions.

Remember: The prize for taking responsibility...is greater responsibility.

A Lovely Poem from the Regenerosity

Mission Team:

“Nature is our ally. ...Our motivation must not be fear, but hope.” David

Attenborough @ COP:

<https://www.youtube.com/watch?v=qjq4VWdZhq8>



MEMORABLE STORYTELLING

10/11 Nov 2021

The power of your story is in how Nature is served, nourished and sustained. In how we, with Nature are:

Unified to work interdependently

Energised to maintain momentum

Solidified with sound principles and values

Transformed to help others transform

Prep, Marketing and Artefacts

- Practice telling your story over and over...deleting TBU's (*True but useless* info)
- Make it PERSONAL to you so that you're coming from a place of authenticity and meaning.
- Translate it to be relevant to the current audience.
- Stories give Nature a voice...what is her message and why is it important?
- What relevant links can you make to the ancestral wisdom?
- Research what's out there that have similar values, principles, goals. Reduce waste (time, energy, talent) by working interdependently to build on former successes and lessons?
- Who is ready to listen and how will you find them?
- What is your 'call to action' to ensure your audience can contribute immediately?
- How will you follow-through to sustain momentum?

The TetraApproach (Steps to approach or engage anyone, anytime)

FIRE Engage (Energise with your story and metaphors...personalise!)

EARTH Set Context (Solidify with local, relevant context to centre everyone in place.)

AIR Shift Mindsets (Transform your and audience mindsets from ego-centric to eco-centric.)

WATER Raise Self and Team Esteem (Unify by standing tall...working as one with Nature and each other.)

JOHN LIU highlights

<https://www.facebook.com/thepocketproject>

Our projects contribute to the paradigm shift

We're a part of 'multi-dimensional symbiotic systems'

Humanity must decide if the value of natural systems is over, or under, human systems.

Do we value life more than things?

Functional ecosystems always have more diversity.

Lower surface temp- keep moisture close to the ground. Raise critical mass for condensation & precipitation.

Participating is the most heroic work.

Eco-restorative camps are low-cost, high impact.

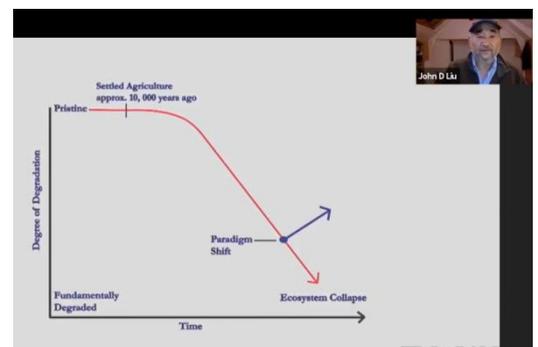
An economy is about protecting earth systems.

*It doesn't matter what I know, what does **humanity believe?***

Questions that come to mind...

If we value life over things, How do we personally demonstrate which is more valued...then guide others to understand that choice?

John's eco-restoration camps are learning centres where people come to experience what they can apply to their own local situations. (Nature Wisdom & Arbolaria Tropical?!)



PROGRESS ?S AND CONSIDERATIONS

17/18 Nov 2021

As we and our projects develop and evolve...it's useful to ask ourselves:

1. What would nature do in this situation?
2. What about my original project vision has changed? How have I changed?
3. Have my project's social, economic, environmental & political contexts or potentials changed?
4. How do we document what we do to benefit others?
5. At what point must I step-up to the challenge and how do I do this?
6. What more can shift from EGO to ECO? Personally, in relationships, in envisioning the future?
7. How do I have faith in myself and let ego go?
8. Am I...

Working interdependently to UNIFY and build critical mass for change?

Energised for the long term?

Helping to SOLIDIFY, clarify and follow-through?

TRANSFORMING myself to resonate with and for Nature?

It's also useful to consider:

1. Lessons around designing and delivering podcasts (yay Ricardo! - We look forward to hearing your first). Again...who's the audience and how do you engage them to listen and respond?
2. How we might burnish/polish what we already have to reuse more elegantly, efficiently with purpose?
3. Key PRINCIPLES and PROCESSES that when shared as a part of your story, can be applied to anyone's relevant, local situations.
4. Sustainability is about sharing information.
5. Unconscious, fast writing:

*Automatic writing is switching off the conscious part of the mind and writing from the subconscious part. It requires no conscious thought whatsoever, indeed conscious thought only hampers the process. You **must write in a totally non judgmental, non critical way**, in order to release the power of your subconscious mind. (Google)*

<https://writinginoverdrive.com/2017/07/20/write-better-write-faster-be-unconscious/>

INTERESTING, RELEVANT ORGS WE BUMPED INTO

- Via the [Pachamama Alliance](#), listened to Paul Hawken re: [Project Drawdown](#) (600+ attendees)
- <https://www.allwecansave.earth/anthology> (300+ attendees): In our small breakout room of around 8 people, we connected with 2 sustainability advocates doing great work: one here in Auckland, the other in Melbourne, Oz. Amazing...not really

OPENERS & CLOSERS

24/25 Nov 2021

3 to 5 min OPENERS & CLOSERS

How will you engage, to...

- unify, creating a sense of belonging & caring?
- energise, motivate, give permission to imagine
- solidify confidence, with courage and can-do actions?
- transform mindsets toward love/respect for Nature?

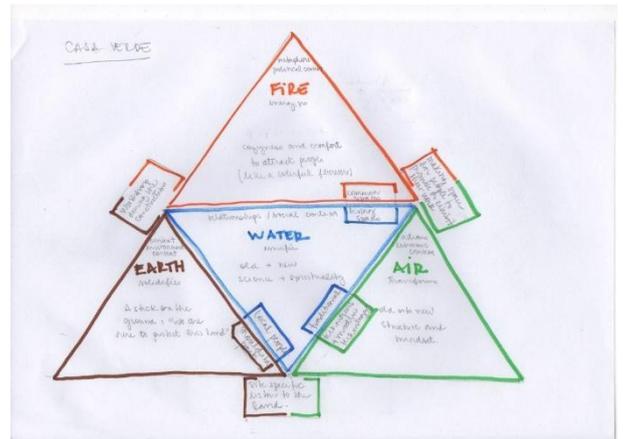
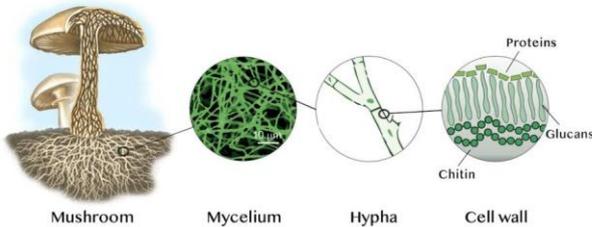
So audience will leave...

- ... calm and centred
- ... bright and optimistic
- ... firm and committed
- ... clear and focused

NATURE WISDOM + TETRAMEME = DESIGN BRILLIANCE!

Projeto Casa Verde: Nature Wisdom + TetraMeme para uma nova abordagem projetua
 Green House Project: Nature Wisdom + TetraMEME to a new design approach

Notice how these slides tell Nature Wisdom’s story and envision how Casa Verde will UNIFY, ENERGISE, SOLIDIFY, TRANSFORM!



I'm not trying to imitate Nature, I'm trying to find the principles she's using.
 Bucky

CASA VERDE MEETS TETRAMEME

A process that is

Co-Created

Takes Nature Wisdom on an adventure

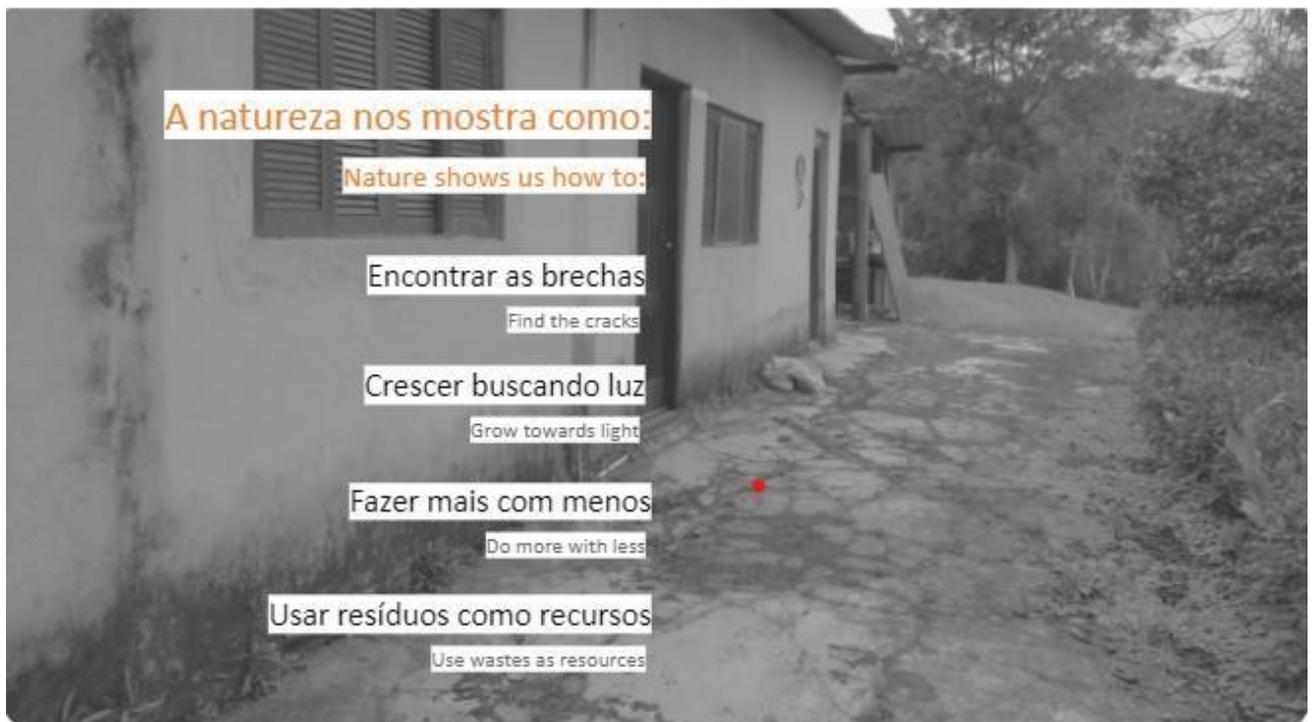
Uses local metaphors and gets design clues by exploring “place”

Makes sense of Bucky’s quote: *I’m not trying to copy nature, I’m trying to find the principles she’s using.*

The Design Process helps us:

- search for redundancy
- patterns to details
- set principles
- share values
- shows us how to support Nature’s thriving functions
- not interfere with Nature
- always see nature-based solutions

TETRAMEME RELATIONSHIPS EXPLAINED



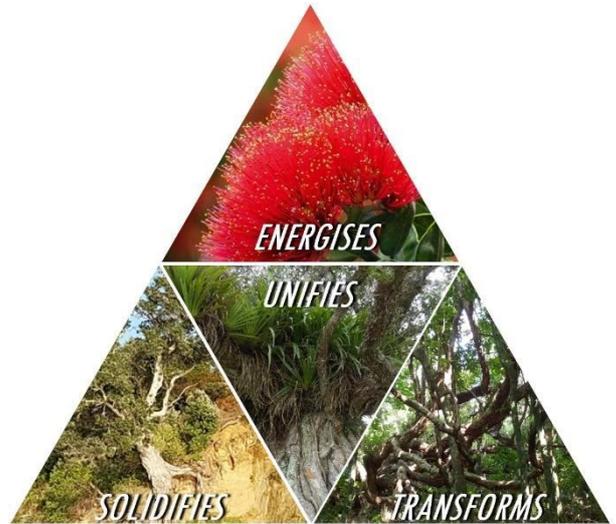
<https://drive.google.com/file/d/1EbfFwwKK1Ddi7DGbnbh36nPHXIYZOqyo/view?usp=sharing>

CELEBRATE CHOICE!

8-9 Dec, 2021

It's been an challenging and inspiring year for the Nature Wisdom Team. We took our responsibilities seriously and joyfully. As we grow into the new year, we stay Above-the-Line with so many choices and a sense of freedom! Our hero is the Nature Wisdom project which...

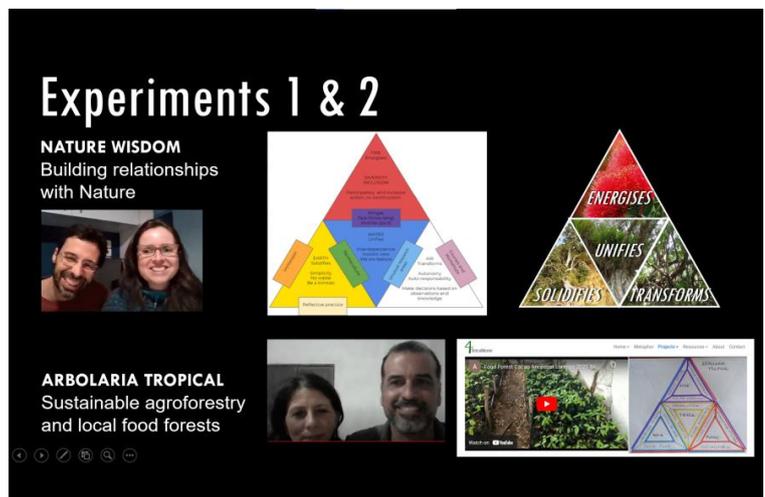
- UNIFIES**
- ENERGISES**
- SOLIDIFIES**
- TRANSFORMS**



We created opportunities

- <https://sites.google.com/view/naturewisdom/home>
- <https://sites.google.com/view/arbolaria-tropical/home>
- www.tetrameme.org (now www.emergently.net)

We learned, applied, grew and transformed



CHALLENGING BUT UNIFYING YEAR

It's interesting that after almost a year, we come to a point in time that asks us about our congruency with our initial values and principles; also how we are faring with our initial commitments to shift mindsets and serve Nature. It is challenging when we continue to hear from clients, friends and family...

We don't have the time to plan.

The customer/community just wants to get on with it, doing what's been done in the past.

If I don't do it, someone else will.

There's nothing I can do anyway to change things.

MATCHING OUR MESSAGES TO THE MARKET

For **Earth**: present successful case studies that demonstrate strong results. Be explicit about how the case study addresses climate change, meets emission goals, offers solutions and strategies.

For **Air**: present stats and references to give you and the process credibility. Be explicit about numbers that reflect sustainability, decline and extrapolations that reflect regenerative dev.

For **Water**: share stories, use metaphor and images that elicit emotions. Talk about 'place' as energy...when you design a structure...it's not the structure itself that important, it's the energy created internally/externally that fosters creativity, action and development.

For **Fire**: ignite curiosity and passion for a brighter future. Be explicit AND implicit about how your metaphors and visuals give listeners the courage to take action, create, design, inspire.

Remember, we are each ALL 4 Elements. As facilitators of change we 'read the room' and segue between the Elements to harness and synergise the energy of the audience.

Luciana suggests a beautiful book: *Design with Nature* by [Ian L. McHarg](#)

HOPE IS A STRATEGY: HERE'S WHAT WE ENVISION for 2022

Felipe: Change my life; find a new, ecological way of living...leading by example to share the many lessons we've learn this year from each other, Space Camp, Bucky, etc.; find the perfect moment to leave my current work and extend my weekend retreats of planting trees to keep the land alive; live 'out there' and make my project off-grid.

Ricardo: Create an Eco Restoration Camp through relationships that are being nurtured through perseverance and commitment. Create tangible results to inspire neighbours and farmers through agro forestry, permaculture, etc. matching processes and design to actual food system production. See economic gains for all without damaging nature.

Mery Jessie: Develop my writing skills; write 12 stories; create a narrative for Arbolaria Tropical.

Luciana: A year of action. Experiment...fail fast...and DO! Be more connected with my intuition. In challenging times where planning is dubious...I will return to my intuition to guide me toward tangible results.

Alex: Turn theories into practice. A year that we practice what we've learned...turn things into reality. Spend more time to connect with Nature. Live differently and ask Nature more. Start doing workshops in Nature.

Yoshimi: Keep learning, growing, developing...and be with you all!

Juan: Get more action around TetraMeme.

**HOPE IS CONTAGIOUS FOR THE NATURE WISDOM TEAM!
Thanks for an amazing 2021!**



NEW REALITIES

“You never change things by fighting the existing reality.
To change something, build a new model that makes the existing model obsolete.”

Buckminster Fuller

What is your new reality after today?

Luciana: Trust the process.

Jon: Synchronicity is not a coincidence. It is feedback that you are in balance with Nature.

Yoshimi: Building trust is essential to support all efforts to serve Nature. Our ability to ask questions becomes an art form of distraction to give everyone space to think, see inter-relationships, and design feedback responses that incentivise us to work together. I also see a new reality that engages us to be trust-worthy local monitors within the bigger expanse.

Ricardo: Failures of the past are part of the past. Let's get ready for the great harvest!!!

REFLECTIONS & MOTIVATIONS

There is nothing in a caterpillar that tells you it's going to be a butterfly.

Buckminster Fuller

Your reflections and motivations

- Popcorn: steady state - stressed - vibrates - pop! into a new way of seeing/doing
- Levels of engagement
- Decolonisation
- Climate Justice

Yoshimi: We're in a global state of popcorn...heat and stress increase daily. Actions at each level of engagement gives us an opportunity to pop! [Will Grant on the Four Levels of Action](#). Let's consider our actions in the context of climate justice: [principles of climate justice](#) Source: <https://www.mrfcj.org/>

Jon.

When you feel the heat, don't panic! Expect to pop into a more structured higher version of yourself.

Decolonising is putting eco ahead of ego, i.e. ask what does the place want, before what do I want.

Climate action should be generous to the environment AND to people, especially the disadvantaged.

Luciana



Native edible mushrooms from the Atlantic Forest.

This dead tree is full of mycelium, which pops out as mushrooms (the reproductive part) with the right condition (humidity and light).

If we collect these mushrooms

	<p>it does not harm the mycelium, since its “core” is protected.</p> <p>It is so beautiful how amazing structures can grow from dead matter. The mycelium grows in silence and suddenly.... WOW!</p>
--	--

Interesting paper about [Urban green space, public health, and environmental justice](#).

NAVIGATING RISK

16/17 February 2022

Calm seas never produce good sailors.

Brazilian proverb

(<https://www.commonland.com/4-returns/>)

Yoshimi: Although the chaos continues...grows even(!)...everyone seems centered in spirit and direction. I believe much of this is due to our learning journey and how we integrate, synthesize and expand on lessons learned. We've taken Aikido's lessons of "Center - Focus - Follow-through" to "Center - De-focus - Relax - Risk - Follow-through".

Like a raging river, we navigate through, around and over the boulders. This all comes easily when we are aligned in values and play always... 'Above-the-Line'.

Luciana: Sailing out to the open sea is scary and sometimes it can be lonely, but that's where great discoveries can happen. Risk and return come together. Principles and values can be the engine that pushes us to make the first move, that helps us to look at the open sea and see opportunities, joy and fun instead of fear. Maybe we should trust the wind, go with the flow and let our values (and the stars!) guide us. Everyone has an internal compass that knows where to go.

Jon: Calm seas is just one context which is usually well within one's comfort zone and soon becomes boring. However it is the best time to prepare your waka (canoe or vessel) ready for rough seas and to think through what might be needed when the time comes i.e. risk management. Rough seas demand your attention, not the best time for creativity or trying to consider four different perspectives or *returns*.

TRIMTAB LEADERSHIP BUILDS COMMUNITY

Not knowing is different from being committed.
Alex Uzeli

23-24 February 2022

Yoshimi: Keys to Trimtab Leadership (A leader that influences mindset shifts and actions with ease, grace, creativity and wisdom)

- Transparency: Builds trust that engages commitment of others
 - Principles and Values: When stuck to...enables the leader to 'flow' through challenges
 - Observation: Give time to observe challenges...experience invigorated senses of freedom and fear knowing 'what to do' will emerge.
 - Anticipate: think scenarios, contexts, relationships.
-

Luciana:

The embrace of the "not knowing" brings freedom and frightens.

We are trying to adapt according to observation (a permacultural approach). We have a direction (our principles and values) but the exact way to go is given by the observations of the context at a specific moment. It's liberating not to try to predict every step.

Alex:



Jon:

go with the flow
hope is what we know
so the seeds that we sow
determine how we all grow...

but the context affects the viability
and the context is the community
of the environment and humanity
so let's live life with humility...
developing an eco ego

THE POWER OF NOT-KNOWING

2-3 March 2022

Let's not know what to do, together.

Luciana Ferreira

News Flash!



FINAL DRAFT

Chapter 6

IPCC WGII Sixth Assessment Report

- 1 Feldpausch-Parker, A. M., Peterson, T. R., Stephens, J. C. and Wilson, E. J. (2018) 'Smart grid electricity system
- 2 planning and climate disruptions: A review of climate and energy discourse post-Superstorm Sandy', *Renewable*
- 3 *and Sustainable Energy Reviews*, 82, pp. 1961-1968.
- 4 Feller, I. C., Friess, D. A., Krauss, K. W. and Lewis, R. R. (2017) 'The state of the world's mangroves in the 21st
- 5 century under climate change', *Hydrobiologia*, 803(1), pp. 1-12.
- 6 Fernandez Milan, B. and Creutzig, F. (2015) 'Reducing urban heat wave risk in the 21st century', *Current Opinion in*
- 7 *Environmental Sustainability*, 14, pp. 221-231.
- 8 Fernández-Llamazares, Á., Díaz-Reviriego, I., Luz, A. C., Cabeza, M., Pyhälä, A. and Reyes-García, V. (2015) 'Rapid
- 9 ecosystem change challenges the adaptive capacity of local environmental knowledge', *Global Environmental*
- 10 *Change*, 31, pp. 272-284.
- 11 Ferrario, F., Beck, M. W., Storlazzi, C. D., Micheli, F., Shepard, C. C. and Airoidi, L. (2014) 'The effectiveness of coral
- 12 reefs for coastal hazard risk reduction and adaptation', *Nature communications*, 5, pp. 3794.
- 13 Ferreira, L. S. and Duarte, D. H. S. (2019) 'Exploring the relationship between urban form, land surface temperature
- 14 and vegetation indices in a subtropical megacity', *Urban Climate*, 27, pp. 105-123.

CONGRATULATIONS LUCIANA - YOU'RE A STAR!

"Nature can be our saviour, "But only if we save it first."

Inger Anderson, the head of the UN Environment Programme.

5 Key lessons from the IPCC Report: <https://www.bbc.com/news/science-environment-60541816>

Cooperation / Collaboration: There's a difference

Yoshimi: To build a house, or anything, facilitate COLLABORATION that ensures each contributor, no matter his/her role, responds to questions and suggestions like:

- What can I do to support your success and for us to achieve the overall goal?
- You can best support my/our success by...
- Let's keep talking to make sure we waste nothing.
- How can we motivate each other to make building this enjoyable and successful?

Jon: Time is such a precious thing, perhaps it is the gateway to collaboration. The first step to collaboration is to ask for help, and regardless of how team oriented a person is, they will usually have *waste of time* issues. I like the idea of asking myself,

*What could **they** do to reduce wasting **my** time?*

The second step is to ask,

*What could **I** do to reduce wasting **their** time?*

Luciana:

The major planetary shifts we are experiencing request new approaches.

How can we collaborate instead of just cooperate? Both in human relationships and in our relationship with the planet. This means that just not harm is not enough anymore...

TABOOS TRENDY OVER TIME

***Kill gossip, build trust
a happier life there is.***

Yodimi

9-10 March 2022

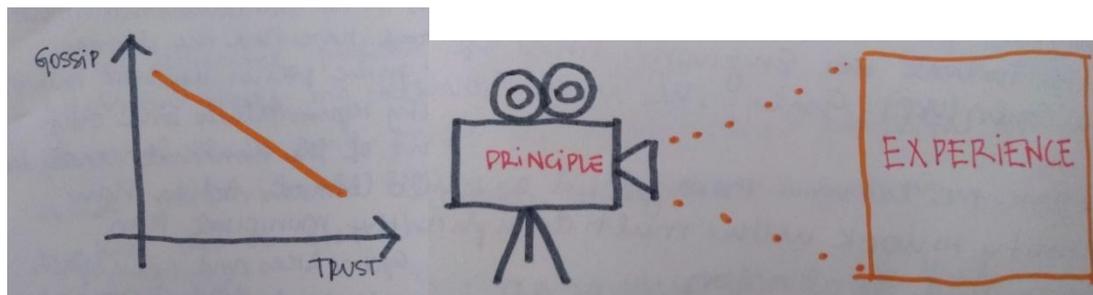
Trust - Empathy - Courage to Speak up - Taboos become Trendy over time

Yoshimi: In researching mindset shifts, all of the above strengthen engagement. What needs to be explored are the “connector strategies” between engagement and helping others to then link to new, creative mindsets that serve Nature. Clarify the mindsets we want to shift to before engagement.

Whatever... it's all about LOVE isn't it?

Jon: Basil Hiley suggests the dualities that we experience are actually complementary expressions of the same underlying energy. One such duality I think is the *expediency/principle* (or tangible/abstract) which we observe in people's preferred way of making sense or decisions. Basil is a Physicist/Mathematician who worked with David Bohm and has been trying to resolve the duality of waves/particles and quantum/classical mechanics by using algebraic equations of energy **processes** rather than focussing on matter. An energy process generates either a wave pattern or a particle pattern and he is trying to discover the mathematics that could describe both, proving *we are all one*. In other words, the duality of *Explicate Order* and *Implicate Order* is a complementary duality of the same thing (like the unfolded/folded tetrameme). This also supports the tetrameme focus on process rather than outcome.

Luciana:



Felipe:

Energy Transition needs deep change on human consumption habits, otherwise it is going to be just a first aid. Even when we have a renewable energy supply, natural resources will keep being used, so start changing our own consumption habits, pointing to be carbon neutral and inspiring others to do it will be a main pillar for energy transition.

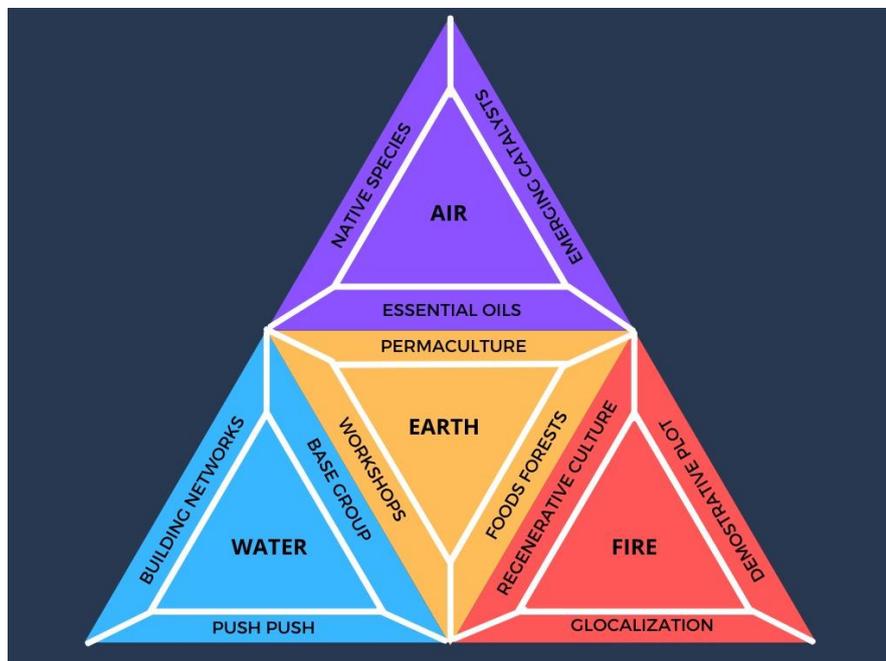
TETRAMEME: TAKING ACTION

*Nature never fails.
The opposite of nature is impossible.*

Bucky

16-17 March 2022

- Below is a March 2022 revision of the TetraMeme process to help pinpoint ACTION. The process builds on Ricardo's original TetraMeme (yay!) with the multitude of concepts we've learned since. Ricardo's latest HYLO contribution re: the 4 Landscapes affirms and enhances the TetraMeme process. From here, key issues around engagement and financials will leverage, and hopefully accelerate action.



2.

Relationships (how the project both...)	
3.1 Unifies & Energises	Push Push / Localization
3.2 Unifies & Transforms	Building Networks / Native Species
3.3 Unifies & Solidifies	Base Group / Workshops
3.4 Solidifies & Energises	Food Forests / Regenerative Agriculture

3.5 Energises & Transforms	Demonstration Plots / Emerging Catalysts
3.6 Transforms & Solidifies	Essential Oils / Permaculture

Actions

Actions (to strengthen the relationships and transform the project)	
What action synergistically integrates...	
4.1 Unifying & Energising	Push push and localization?
4.2 Unifying & Transforming	Your networks with native species?
4.3 Unifying & Solidifying	Building base groups and workshops?
4.4 Solidifying & Energising	Regenerative agriculture to create food forests?
4.5 Energising & Transforming	Demonstration plots as catalysts?
4.6 Transforming & Solidifying	Permaculture with essential oils?

Extend the list below, then a) Map your stakeholders on to each action to consider engagement and networking strategies, and/or b) how the actions could be refined for the benefit of the stakeholders:

The University

Your local community

The professor, cacao consultant - seed preservation, now sharing by selling seedlings

The ecosystem restoration group

The non-profit Venezuelan org: ECOAGROS - links to GEF, Global Environmental Foundation, IFAD, CSA...

Your church - spiritual community

LEVELS OF COMPLEXITY

In order to approach a problem, we need to divert away from the solution.

Bayo Akamolafe

Yoshimi: The relationships highlighted in Ricardo's TetraMeme make a different kind of sense once they are laid out on the template. Note internal/external - implicit/explicit.

I look forward to hearing about Ricardo's trimtab action steps!!

Jon: **Levels of Complexity**



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www.tetramap.com

Here are 4 Elements of complexity to help you understand that Best Practice isn't appropriate in all contexts.

- There is usually one best way to climb a mountain and you can be successful with a high degree of certainty.
- Air and weather is less predictable, but if you understand the principles of meteorology (ie the systems at play) you can be successful but with less certainty.
- Water is a little more complex again, being dependent on temperature, wind and tides. No two waves are the same, but with experience and intuition, one can build on successes. Same thing with People and Politics we have to work on the relationships between different influences. Certainty varies.
- The key with Fire is to avoid being burnt! Here the only sure thing is what NOT to do. To be successful, you need a "next-step strategy" that helps you quickly formulate a new strategy that avoids previous strategic errors. Almost no certainty.

Today, Best Practice is not enough. We also need to demonstrate Logical Practice AND Relationship Practice AND Next Practice.

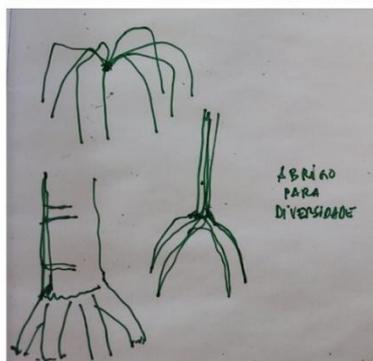
SHIFTING MINDSETS

06-07 April 2022

Yoshimi: "[Shifting Mindsets](#)" project write-up. See TetraMeme as a framework that helps us to remember key points.

Luciana: From the workshop we did with the community about *Casa Verde* project, we got a lot of input to reflect about the principles and values of the project. As architects our job now is to translate those values into geometries (a reference for us is the use of the tetrahedron by Bucky). In this process, it will be important to tell a story (an illustrated story), and link it with the experience people had during the workshop.

What principles or values are behind a certain geometry? What geometry represents a certain principle or value?



COURAGEOUS FACILITATION

The beauty of metaphor is that *it provides a way of unifying the disparate and ordering the complex. It provides a deeper understanding of behaviours that becomes a tipping point to significantly impact productivity, systems, work cultures, and vision.*

Yoshimi and Jon Brett, [TetraMap: develop people and business the way Nature intended](#)

30-31 March 2022

Alex and Luciana's courageous facilitation: lessons and ahas!

- Asking others to reflect is an important engagement skill and though catalyst
- Luciana & Alex shifted themselves and participants from seeking technical solutions to exploring inspirational solutions.
- The 'process' IS part of the session objectives.
- The next session will help participants 'connect-the-dots' and come to understand how the first session set the context for an ecological approach to the project.

Facilitation Tips:

- Before the session, be clear and explicit about what the participants will be saying/thinking/feeling and be inspired to do at the end of the session.
- To put each Element at ease, a slide or flipchart stating "Today's objectives/goals/explorations..."
 - For Earth: State what we aim to achieve
 - For Air: A timetable, even if very loose (w/ refreshment breaks for Fire)
 - For Water: Something about sharing / values / teamwork / time to reflect
 - For Fire: Future focus/ energy lifting / excitement of....
- If you share the Responsibility Flipchart for an already inspired, committed group, as usual start with SELF and personal responsibility. Then use it as a team safety net. Together you can work through below-the-line behaviours eg. when blame, denial or wanting to quit comes up - work as a team to resolve.
- Build TRUST however, whenever you can.
- See Tip#1 above. To close the session so everyone leaves with a feeling of completion...or anticipation for the next session:
Sit in a circle, invite each to complete one or more of the following: (use an object to toss around - the person who has the object has the floor...no interruptions/comments.
Invite them to complete statements like...

-How I feel is

-What I think is

-What I must do is

-I'm inspired to...

Respect that whatever their answer, this is their truth. Thank each person.

Jon: Recommended reading: [Leverage Points: Places to Intervene in a System](#)

I love the last two sentences:

You have to work hard at it, whether that means rigorously analyzing a system or rigorously casting off your own paradigms and throwing yourself into the humility of Not Knowing. In the end, it seems that mastery has less to do with pushing leverage points than it does with strategically, profoundly, madly letting go.

Luciana: The workshop was a great experience of courage and vulnerability. Improvements are needed for a next workshop but I am happy with the results so far. [Here](#) you can see more details of the process and the metaphors suggested by the participants. Some metaphors may just make sense in portuguese. [Here](#) you can see the pictures

USEFUL LINKS & THOUGHTS

13-14 April 2022

Innovations that are guided by smallholder farmers, adapted to local circumstances, and sustainable for the economy and environment, will be necessary to ensure food security in the future.

Bill Gates

Useful links & thoughts

- Actually, Jon & I attended a meeting w/ Bill Reed AND Ben Haggard - both of the Regenes Group. It was Ben that was such a good facilitator. Here he is talking about 'place'. <https://regenesgroup.com/how-we-work/>
- Luciana: In 'restoring/rebuilding'...ask of the existing site: *What serves, what doesn't serve?*
- Alex: Wonderful invitation to share his knowledge & wisdom! Where?...são gabriel da cachoeira! Congratulations Alex!
- Ricardo: *The place has the answers. Why was the land originally settled?*
- Jon: When preparing/planning...remember "custard contingency".
***Custard Contingency:** What if the situation becomes very dangerous and everything turns to custard? What if plans A, B and C all collapse? Think about this before panic sets in. It is like an insurance policy. Yoshimi: *What comes naturally to the place? Build upon that.*
- *Maybe from decades of "Think Global, Act Local" we need to focus on "Think local to act local."*

The more we know the more we realize how little we know. Yet we have enough of it to be able to be a useful local monitor.

Bucky, 1976

SHARED SUFFICIENCY

20-21 April 2022

*Beyond self-sufficiency.
Shared-sufficiency, whole it will keep us.*
Yodimi

How our projects embody and promote ‘shared-sufficiency’

Luciana. I will embody shared-sufficiency by associating myself with other people with complimentary talents. This process begins by recognizing what are my own strengths and talents (I am at this point right now) and assuming that I don’t need to do everything and I don’t need to be good at everything that my project demands. Who shares the same principles and values and has complementary talents?

In the “Casa Verde” project I believe I can promote ‘shared-sufficiency’ by thinking how the building can host and leverage people and nature.



Jon: [ZENET100](#) is about designing buildings (and behaviour) to minimise consumption and generate enough energy that is not only sufficient for the residents and their vehicles, but also equally shared with everybody via the grid (or possibly a microgrid in the future), for investment in the embodied energy required to reduce dependency on fossil fuels i.e. build more efficient houses and electric vehicles. ZENET100 is regenerative!

Yoshimi: The concept of “Shared Sufficiency” emerged as I word-crafted our vision for the land Tanglewood sits upon. Here are first steps for

SHARED SUFFICIENCY PT1

Project Purpose

To collaboratively develop a community that serves each other and Nature.

Project Vision

To market Tanglewood and her collaborators as a prototype of a sustainable, shared-sufficient, resilient, adaptable community.

Based on Project POTENTIALS, this is how Tanglewood will...

2.1 Unify	Bring all aspects of 'a community' together (eg neighbours, local govt, suppliers, producers, etc)
2.2 Energise	Inspire each player to contribute/give because of synergistic outcomes that ignite regeneration
2.3 Solidify	Ground people in philosophy, principles and spirit
2.4 Transform	Shift the community to a regenerative, holistic, healthy way of growing together

Metaphor: Tangled Woods

THE METAPHOR - tangled woods



Tanglewood is...

- Alive
- Diverse
- Entangled parts
- Developing

Tanglewood contributes...

- Habitat
- Connections
- Feedback
- Oxygen

Tanglewood can provide...

- Edible, medicinal plants to share
- Seeds...plants, thoughts, collaboration
- Entangled relationships that provoke, inspire, add-value to each other
- Hope for a happier, peaceful, nourishing, flourishing community

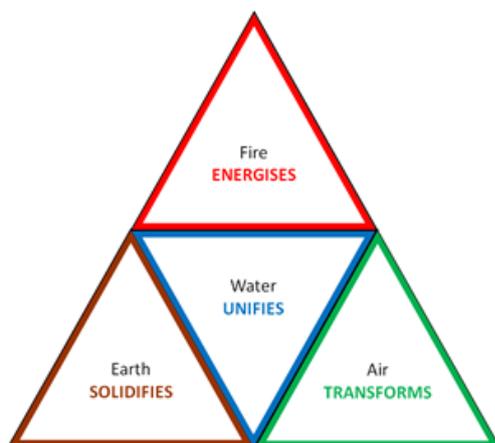
Tanglewood can catalyse...

- Sense and place for community
- Inspiration for us to better serve each other
- Inspiration for us to better serve Nature
- Yet-to-be imagined handprints and precessional, regenerative strategies.

Based on the metaphor of “Tangled Woods”, lessons emerge to

2.5 Unify	By stepping back and seeing the forest as a community that is interdependent, living and dying in regenerative cycles
2.6 Energise	By continually contributing, producing synergistic results of life that creatively adapts and thrives
2.7 Solidify	By remaining grounded to earth with a ever-strengthening mycelium network that connects and regenerates
2.8 Transform	By adapting to life and planetary changes.

A Tanglewood Collaboration Team would best reflect how Tanglewood ...



So who's on the team and how do we collaborate?

Watch this space...

Alex

At this time I am trying to understand what are my strengths and weaknesses in my new situation in my business. I am studying different forms of management (sociocracy, holacracy etc.) that can be applied in my business that empower people, share responsibilities and leverage different talents, giving them autonomy. I also have agreements of "exchanging talents", with no financial transactions, meaning that students and professionals can offer services to my school in exchange for classes or coworking space. Besides that we are applying the shared sufficiency reasoning with residues. What is residue for someone can be someone else's resources or useful objects.

SHARED-SUFFICIENCY PT 2

28-29 April 2022

...sustainable systems cannot function without the full autonomy and unique expression of each independent part of the interdependent whole.

Sand Talk by Tyson Yukanporta, pg 98

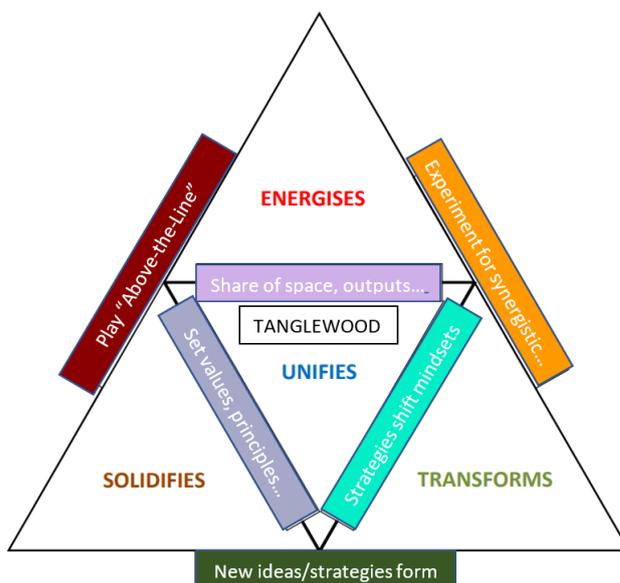
Jon: Ancient wisdom from the Australian Aborigines suggests we are on the right track: *Sustainability agents have a few simple operating guidelines, or network protocols, or rules if you like - **connect, diversify, interact, adapt.***

Or in our lexicon each of us (or triangle) independently and uniquely expresses the interdependent whole (or tetrahedron), and we:

- Solidify by building *connections*.
- Unify *diversity* towards synergy for the common good.
- Energise others with our *interactions*.
- Transform the system by *adapting* the trim tabs in the system.

Yoshimi

Tanglewood Shared-Sufficiency Project - PART 2



*[Above-the-Line RESPONSIBILITY](#)

Relationships (How synergistic relationships...)	
3.1 Unify & Energise	Work w/ local respected communicators/facilitators of change
3.2 Unify & Transform	
3.3 Unify & Solidify	Science-experience-based 'experts' reflect do-ability
3.4 Solidify & Energise	
3.5 Energise & Transform	
3.6 Transform & Solidify	

INITIAL Actions to...	
4.1 <u>Unify</u> & Energise	Draw-up Initial Design Land Layout
4.2 <u>Unify</u> & Transform	Med-term: invite locals w/ survey, explaining project, their int/contribution
4.3 <u>Unify</u> & Solidify	
4.4 <u>Solidify</u> & Energise	Crystallise values and principles
4.5 <u>Energise</u> & Transform	
4.6 <u>Transform</u> & Solidify	Crystallise key mindset shifts for short and long-term regen

ECOTONES



Dragon Blood Tree:

An interesting metaphor of life, healing, sustainability, stewardship.

5-6 May 2022 (#61)

Luciana: I learned what **Ecotones** are: a transition area between two biological communities. I found 2 explanations for this name: ECOTONES = ecology + *tone* from the Greek *tonos* or tension and ECÓTONO (in portuguese) = *oikos* + *tone* from the Greek house and tension. Both make sense and made me think about what tension means. It may sound like stress, but in fact tension is force (in physical terms: a pulling force transmitted axially). Maybe we can think about an Ecotone as a place where 2 forces meet and interact... as in the image below there are different ways to interact...

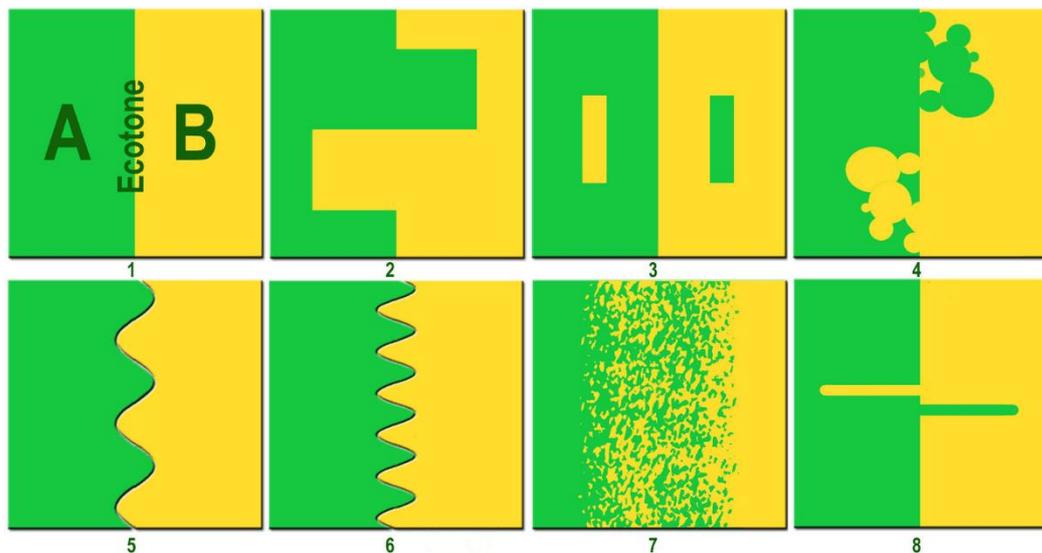
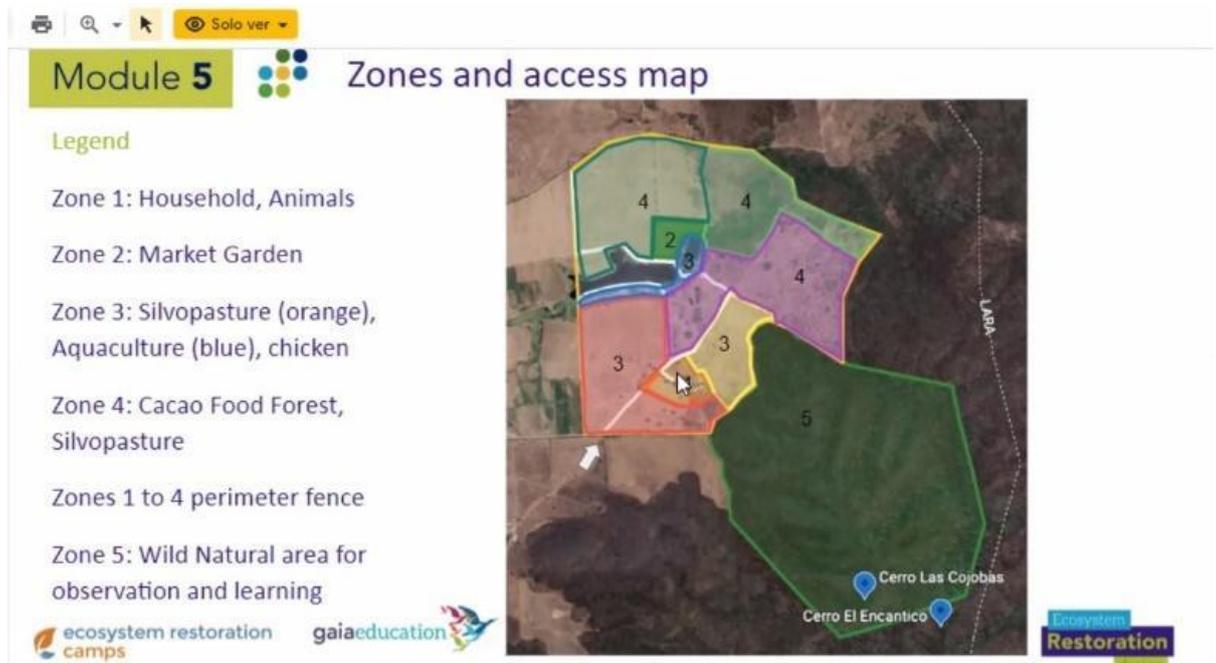


Image from: <https://en.wikipedia.org/wiki/Ecotone>

Yoshimi: What I learned from Ricardo's Presentation Preview

1. A comprehensive 'first draft' helps to set the context with those who are on the same page. It was fantastic, eye-opening and inspiring!



2. Graphics/photos can engage a wide audience and arouse listener curiosity to WANT more information.
3. There's high value in providing "Resource inventories" to set context and build credibility.

As facilitators, ask ourselves:

- Who am I presenting to in this moment?
- What are their 'haves/needs/wants'?
- What are my desired outcomes?
- What are their desired outcomes?

ECOTONES: ENERGIES MEET

11-12 May 2022 (62)



Sebastião Salgado

<https://www.youtube.com/watch?v=XfvrCcnikml>

ECOTONE: a super-metaphor

- A meeting of energies
- An ecosystem's balance of tension and energy

Catalyses questions around

- Where do we experience ecotones?
- Where do your dreams meet your realities?

More interesting questions to ask ourselves as our projects grow

- What patterns keep re-appearing in your life?
- What did it/will it look like when you work through and break negative patterns?
- What if you truly BELIEVED that 'suffering is optional'?

Innovation happens at the edges

Ecotones are where we need to be operating, learning, innovating!

3 FLOORS TO 4

18-19 May 2022 (#63)

It is now highly feasible to take care of everybody on Earth at a 'higher standard of living than any have ever known... It is a matter of converting the high technology from weaponry to livingry.

Bucky

Extend 3 to 4 Floors/areas

To free oneself to think clearly... imagine a building

3rd Floor: Imagine! Create! Dream! Aspire!

2nd Floor: Plan; Focus; Systematise; Organise

1st Floor: The 'Board" - Decide; strategise; Act

Stairwell or Vertical wall: Integrate - Synthesize - Think Ecologically - Celebrate

Speaking of which:



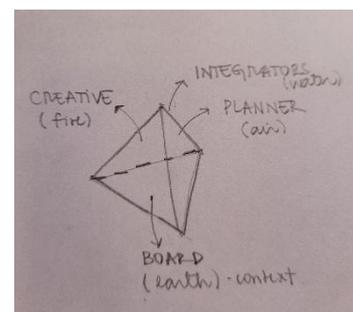
What a celebration! Students, energy, learning at last fill Alex's school.

Nature Wisdom, Arbolaria Tropical and TetraMeme celebrate achievements that continue to inspire and develop! See website updates.

Luciana.

An invitation to let our ideas flow before we criticize and decide if they are good or bad. One idea can have more than one strategy to be implemented. How can ideas be more engaging? Considering the 4 elements?

Can the 3 floor metaphor be converted in a 4-side pyramid building?



INDIGENOUS WISDOM

25-26 May 2022 (#64)

Colonialism, surgically/masterfully separated us from our connection to indigenous world views.

Sachem HawkStorm, BFI Space Camp, Feb 2020

LEARNING FROM INDIGENOUS KNOWLEDGE

Questions to consider as our projects develop

1. **What aspects of colonial mindsets must I and my projects begin to reframe?**
2. **Where might I discover ‘*cracks in the system*’ that enable me and my indigenous connections to explore?**
3. **How can we better demonstrate the value of and respect for indigenous achievements?**
4. **Books like *1491* by Charles Mann ([a 12 min summary](#)) and 1499 Brazilian book re: life before Portuguese colonization reveal cultures that were in tune with Nature and inherently sustainable.
The story of life before consumerism unfolds today. What will “*Life after the success of our projects*” look like?**

ZENET100:

1. Emphasise it is not a competition but an obligation to future generations to share what you can, and expect appropriate reciprocity in order to avoid dependency.
2. Consider the long-term end-of-life for the technology and building.
3. Acknowledge preceding mistakes (even disasters) as examples of natural evolution. Use indigenous legends/sayings to highlight aspects of the project.
4. We will continue to explore new ways of working interdependently and more in tune with Nature. Perhaps solar panels that convert CO₂ and H₂O into sugars (like photosynthesis).

Tanglewood SHARED SUFFICIENCY Project:

1. From “We own land” to “The land is a gift. We are stewards committed to caring for evolving with the land.”
2. Somehow appeal to common denominator ‘beliefs’ re: love of Nature, wanting a better world for our children, feeling of contribution, ‘justice’. Help local govt workers reframe their responsibilities to ‘do what’s best for the community.’ What’s ‘best’??

3. Share case studies that reflect indigenous 'achievements' as well as success stories that prove the power of collaboration between indigenous and the diversity of community contributors. We recently attended a session describing The Puhinui Project, Auckland, NZ. It is a stunning example of regenerative, collaborative development. eg

A project that brings iwi together with Auckland Council to regenerate the Puhinui area bordering Manurewa and Manukau has been recognised on the world stage. Te Whakaoranga o te Puhinui won an 'Outstanding Award' in the Unbuilt Parks and Environment category of the Asia Pacific International Federation of Landscape Architects awards. It was also part of a showcase at COP26.

Eke Panuku Development Auckland brought together local boards, the Government, business and the community with Te Waiohau Iwi representatives. Judges of the award praised them for an excellent project that integrated ecological planning and design strategies with indigenous narratives, citing its impressive design quality, its planning processes and innovative design guidelines.

4. Integrated, wholesome, healthy, happy communities that respect all of life.

Nature Wisdom

1. The exploitation of land and natural resources. NW aims to cooperate with Nature, to leverage natural processes.
2. Our connection with indigenous culture lies on the veneration of nature (love + respect + we are nature) and on the valorization of natural resources and handicrafts.
3. Enhance our knowledge about local indigenous culture. We plan to research indigenous approach to building construction and land occupation as an example to be considered in Nature Wisdom projects for landscape planning.
4. Human occupation will be part of Nature, not its degradation. Humans will use natural resources as if they were gems, with respect (if a tree takes 40 years to grow, the furniture that will be made with its wood has to last at least 40 years). Also, we will be more connected with our own nature by doing things with our own hands.

Inspiration

<https://drive.google.com/drive/folders/1IDixXhFbvrHB66K0zePppGX00NAIE8N0?usp=sharing>

WHAT TETRAMEME DOES

2-3 June 2022 (#65)

The minute you were not concerned with earning a living and really tackled problem after problem that the other fellow was not tackling, there proved to be a wealth of solvable problems... If I have made progress that is mildly notable it is only because I walked into a vast, unattended potential harvest.

Bucky [Ideas and Integrities](#) (1958), p. 87

News Flash! Ricardo receives full scholarship to attend [Regensis](#) Another trimtab moment:)

We're getting clearer on what TetraMeme DOES

- Addresses complexities
- Demonstrates relationships via nested systems
- Promotes rapid-prototyping
- Shifts us toward non-linear thinking

The first step that asks us to define CONTEXT and POTENTIAL is *liberating...spiritual* even, as it encourages us to look beyond where we're going.

The Agility Factor:

- Agile Thinking
- Agile Design
- Agile Leadership
- Agile Follower-ship (!)

All that 'agility' requires us to let go of EGO so we can spiral up...and down if needed...to 'succeed'.

Yoshimi: our regenerative future depends on how we address:

Earth: DE-growth

Air: Population

Water: Waste

Fire: Consumerism

MEET KATARAINA PIPI

9-10 June 2022 (#66)

*Look to the horizon and listen
Hum its contours
Your ancestors' songs, hear you will*
Yodimi

Today's Guest: Kataraina Pipi <https://100maorileaders.com/kataraina-pipi>



Meeting highlights:

- 0: Luciana: [*Benefits of Luciana's Mission*](#) (1 min)
- 1:12 Kataraina: [*Defining Indigenous*](#) (12 mins)
- 13:40 Jon: [*Place & Belonging*](#) (4 mins)
- 17:53 Ricardo: [*Surrender to People and Place*](#) (4 mins)
- 22:17 Kataraina: [*Maintaining Connection*](#) (5 mins)
- 27:02 Kataraina: [*We Never Walk Alone*](#). (3 mins)

Yoshimi: The conversation we had at the meeting catalysed a huge mindset shift for me re: the meaning of indigenous. All of us, except for Kataraina and Jon, have little connection with the indigenous of the land we have settled. I feel most connected with Maori, but I

have deep-rooted ties with my parents and Japanese culture. I feel that I am more an ecological 'colonist' exposed to a new way of contributing to humanity and the planet. I choose to show respect for indigenous cultures by acknowledging the wisdom they bring to the next normal.

As Kataraina mentioned: with our mahi (work), we leave gifts of tools and hope for generations to come. Yay! Nature Wisdom. Thanks for creating the space for all this to happen.

Luciana: What a gem! Thank you Yoshimi and Jon for bringing Kataraina to our meeting. The conversation made me reflect (and this might be a little obvious) that I am not my parents nor my ancestors, so I can develop my own cultural connections. I inherited knowledge and experiences from them, but I can develop new connections, linked to my own experiences. Many families in Brazil (mine included) tend to overvalue their european descent and devalue the culture of native people. I learned in school that brazilian native people were lazy and that's why portuguese people had to bring slaves from Africa (!!!!). I suppose (and hope) that nowadays they don't teach kids this absurd. So I feel like, even more after our meeting, to "resignify" what native culture means to me, reframe all the absurd information I received about them, and get to know the tribes of my city. This week I discovered that it is possible to visit 7 native villages (some of them in São Paulo, some in the Metropolitan Region), so I am organizing a visit with my 5 years old nephew, to help him to grow more connected with the place he was born and with less wrong information about native people and their culture.

Jon: The Maori's trace their heritage back to particular canoes arriving in NZ. There were people here before them, so the Maoris were colonists then. My parents came by ship to NZ and I am the first born Kiwi (New Zealander) here in Tanglewood, the plot of land where my parents settled. Like the first Maori Canoes are now a concept kept alive by connection back to a significant evolutionary event, TetraMap and TetraMeme are concepts that began here in Tanglewood, and hopefully will be part of the New Normal culture for generations to come, indigenous to Tanglewood where they first arrived (colonised).

REGEN POWERS OF FIRE

15-16 June 2022 (#67)

*When you walk through a storm
Hold your head up high
And don't be afraid of the dark
At the end of a storm
There's a golden sky
And the sweet silver song of a lark*
Oscar Hammerstein II, lyricist, 1947

A useful, relevant metaphor: [What Happens After A Forest Fire? This Is How Forests Regenerate Themselves - THE ENVIRONMENTOR](#)

Another trimtab moment?

Luciana: About forest fires, I found this interesting video
<https://www.youtube.com/watch?v=xRkoT5rj10g>

Jon: tears of joy = tears of grief = gratitude for the experience
(*I wouldn't be dead for quids*)

MATARIKI: A NZ 1ST

22-23 June 2022



Celebrate Matariki and NZ's first indigenous 'holiday'
Promotion of this event focuses on Unity, Nature, Whanau (family) and Love

Matariki, 2022 in Aotearoa is a beautiful acknowledgement of Mataranga Maori (Maori wisdom/knowledge). Watch the beauty of storytelling about the stars, our ancestors, nature, welcoming and saying goodbye.

[Grandad's Matariki Story: Watch the video](#)

The Above video was preceded by <https://www.youtube.com/watch?v=x3FQ-iyvdF8> Dr. Rangi Matamua's explanation of Matariki.

NB: The Earth/Air engagement is Dr Rangi's explanation; The Water/Fire story engages with grandad and grandchild.

Integration Questions:

- What ancestral or indigeneous narrative helps you to explain our connection to nature and each other?
- How might you engage at least 2 Elements to listen, learn and integrate your story?

Some "Solidifying" thoughts having spent 2 days with Karen and David:

- The importance of communicating and clarifying "Presuppositions". This is about attempting to get everyone in the room to agree on what's agreed upon. These presuppositions signal a refreshed, most likely challenging, approach to creating a new normal that is regenerative and sustainable.
Eg. I am, we are Nature; We must work interdependently (My success depends on your success); Reframe 'profit' - a good challenge is to eliminate the word from any proposal and focus on benefits//regenerate by adding value with every action/eco my ego/reduce consumption. (If someone asks..."What do I get out of it?"... reframe your approach with a goal never to hear such questions!

INTERDEPENDENCE:RUSSELL CROWE

29-30 June 2022

Interdependence
Lean on each other
Strengthen the bond you will
Yodimi

<https://www.youtube.com/watch?v=UTNbOotko94>



RIPS and Precession



When you swim at 90degrees out of the rip...you may shift toward new relationships and opportunities.

NATURE WISDOM journeys precessionally. She solidifies; energises; unifies and transforms!



The Context

Terra Luminous scientific and educational programs are growing and demand a specific place designed to meet their needs.

A place where:

- Scientists and the Terra Luminous team could work and collaborate with more effectiveness;
- The local community (specially local schools) could develop activities integrated with the forest;
- Science and innovation from the greatest Universities in Brazil meet local reality, needs and aspirations, with the purpose of supporting forest conservation and regeneration actions, creating replicable and scalable methodologies.

Main principles:

- Use existing structures as much as possible;
- New construction will be bio-constructed, with local materials such as bamboo, earth and wood;
- Consider local characteristics and the integration with the surrounding forest.

Observing the nearby forest, Nature shows us:

- To find the cracks, opportunities where life can emerge;
- To grow towards light;
- To do more with less and
- To use wastes as resources.

Luciana

“No man ever steps in the same river twice, for it's not the same river and he's not the same man”. Heraclitus

Be careful with what you wish... it might become true...



REGENERATIVE PLACE-MAKING

7-8 July 2022 (#70)

If you take all the machinery in the world and dump it in the ocean, within months more than half of all humanity will die and within another six months they'd almost all be gone; if you took all the politicians in the world, put them in a rocket, and sent them to the moon, everyone would get along fine.

Bucky

What we and our projects DO to support Nature:

- Mitigate: reduce going backwards
- Adapt: keep up
- Restore: renew
- Evolve: leap forward

Upcoming NZ event: **Whakaora: Our Thriving City**

See video: Regen Placemaking <https://ourthrivingcity.co.nz/resources/>

Luciana, you'll appreciate the urban context; Ricardo, you'll see Bill Reed. He's also one of the keynote speakers.

Jon will have a Te Wero (Challenge) to pitch in 6 minutes!

Luciana: Very interesting video. I totally agree with Dr. Dominique Hes about the importance of "teaching people to love the ocean". Sometime ago I discussed this subject with the Terra Luminous team. We were thinking about how to engage the local community towards the conservation of Nature and we were wondering why people "destroy it", if it is just a matter of need (due to economic constraints). One of my "ahas" during this conversation was my reflection about where my will to protect Nature comes from? Maybe we can talk more about that this week...

NON-NEGOTIABLES

13-14 July 2022 (#71)

*What are your non-negotiables?
Share them, listen.
Understand yourself and others you will.*

Reminder:
*Love your limitations
Choose them wisely.*

Yodimi

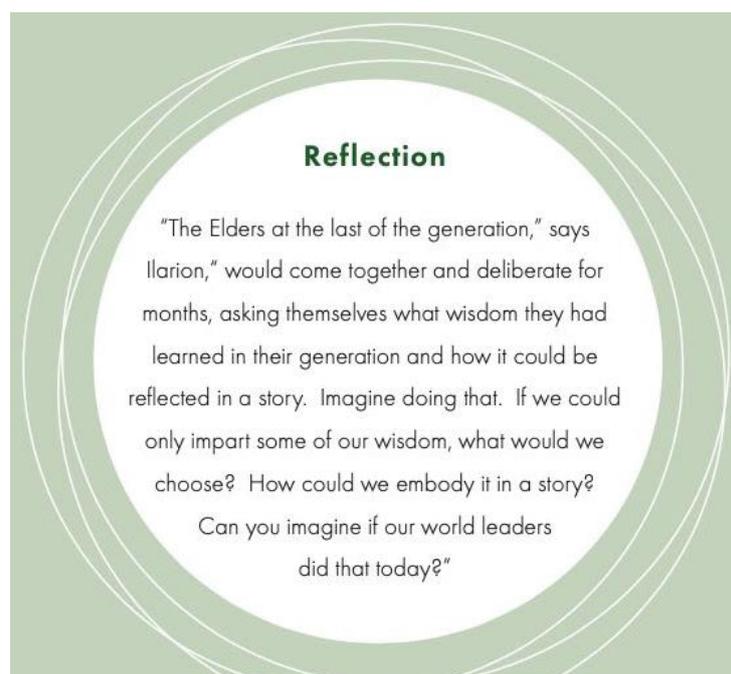
Think-about:

- Where does your will to conserve Nature come from?
- For many, it may be memories of connection. But what of the children born into war, famine, climate destruction? How and when will Mother Nature appear for them?

Luciana: Do you think the statement *"You only take care of what you love"* is true? If so, can we help others to love Nature? Can we inspire them to see the beauty we see? Can we guide people through the path of knowing and loving Nature?

I believe that love is a powerful motivation to conserve Nature, much more powerful than fear and guilt. Can it be an "above the line" approach?

From Films for the Planet: [Wisdom Weavers](#)



ADDICTIONS

20-21 July 2022 (#72)

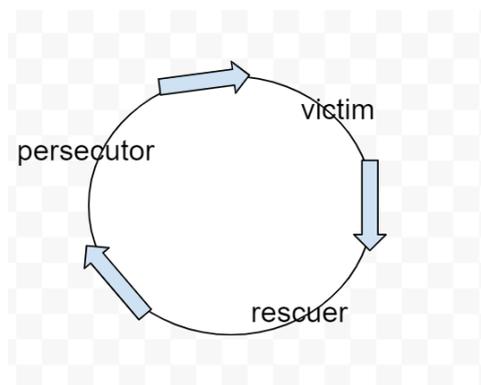
*Be addicted to doing good.
Healthier and happier we will be.*

Yodimi

You are The OBSERVER: 😓

The minute you enter the circle...if you stay long enough in one position, you may find yourself moving into the next position.

What if one were addicted to being in a certain position?



Other Common Addictions

- The need to win (at all costs)
- Idols and Heroes ("There's a part of me" in that hero)
- An enemy (Focuses energy and is a useful distraction)
- Victim-mentality (Oh poor me...Below-the-Line mindset)

Our Challenge: Reframe 'addiction' as a positive force for good. Be prepared with replacement strategies and tools, and incentivise shifts to positive new behaviours, habits, mindsets and addictions.

Luciana: Despite a not very favorable broad context, we can often achieve positive initiatives and actions in the local context. São Paulo has set its own carbon reduction and forest restoration targets (restore 1.5 million hectares until 2050), despite the Brazilian context being very unfavorable for this issue at the moment. What positive actions can we decide to make in our everyday life?

A reflection about addiction that I had reading the book "*A sabedoria da natureza*": When we breathe the same air for a long time without exchanging, the air becomes vitiated (in Portuguese the word is the same for addicted). So our addictions can also be associated with doing things the same way over and over again. Does this allow change, or evolution?

AND THEN...

3-4 August 2022 (#73)

*Learn globally
Think locally
Act locally
Local, re-define.*

„,and then...

A keystone of circularity, zero waste and stewardship.

Consider the process and relationship to the future, not just the immediate result.

I HAVE _____ OR DOES IT HAVE ME?

It's not **what** you got, it's **how** you got it that is important (or how it has you under its control).

Interesting comment from Gary Goldberg at [Beyond Bohm 2022](#):

*I think that Basil Hiley's emphasis on 'process' in the approach that he and Bohm took in their work on quantum theory is absolutely crucial. Ultimately what we are talking about as primordial are **processes that unfold on a temporal continuum**, and not about 'things' distributed in the context of space-time. This also relates to what Nils was saying in his comment. If one realizes that **process and relation are prior to 'substance'** or 'thingness' and that 'things', events and the space-time 'container' are derivative, then things start to fall into place.*

A new NW-influenced project? Tiny House!

Kiwi Bryce Langston: <https://www.livingbiginatinyhouse.com/>

NO MISTAKES

10-11 August 2022 (#74)

*Mistakes,
none there are.*

Yodimi

Consider Yodimi's quote for bright times with gratitude, for dark times with strategies to refresh and regenerate using lessons learned.

Luciana did a great job of setting context when meeting with conservative potential collaborators. She seized the opportunity to shift mindsets by:

- Exploring cracks in the system
- Highlighting opportunities for greater effectiveness
- Focusing on key points
- Seeking trintabs

Nature Wisdom served as a guide/consultant that set context and explored potentials to create shared hope. Great leadership, great facilitation.

RE-ENERGISING EACH OTHER

17-18 August 2022 (#75)

As a consequence of the slavish "categoryitis" the scientifically illogical, and as we shall see, often meaningless questions "Where do you live?" "What are you?" "What religion?" "What race?" "What nationality?" are all thought of today as logical questions. By the twenty-first century it either will have become evident to humanity that these questions are absurd and anti-evolutionary or men will no longer be living on Earth.

Bucky

Luciana:

We are all facing challenges and opportunities for change.

Ricardo's meeting with his tribe was energizing. How can our connections with our roots nourish us? Despite the differences with our relatives.

Luciana and Alex are starting a new branch of Nature Wisdom, a group to discuss, design, prototype and disseminate mini ecological shelters. In this process it will be important to stay connected to Nature Wisdom principles.

Jon made an important change from ZENET100 to handprinting.org, an umbrella for new projects and Yoshimi is committed to the gardening shared sufficiency project!

Well done everyone! We are spiralling up!

DRAGON DREAMING

24-25 August 2022 (#76)

*Dream together.
Irrational
Beautiful
Futures
Create we can.
Yodimi*

Dragon Dreaming... a creation catalyst that builds collective stories.

(www.dragondreaming.org and their free e-book...excellent!)

WATER: Dream to Unify

AIR: Plan to Transform

EARTH: Act to Solidify

FIRE: Celebrate to Energise!

A useful process:

- It's like a dream - it doesn't have to make sense!
- Pose a question...then listen
- EveryONE contributes...then listen
- Reflect...then listen
- Future pace...then listen and be inspired!

From the contributions, allow emergence of

- Values
- Principles

Listen to the diversity of LOCAL

- Contexts
- Potentials

Obs Luciana. It might be useful to set a duration for this activity. It can also end earlier as everyone passes the round.

A DREAM COMING TRUE

31 Aug- 1 Sept 2022 (#77)

*Born from the dream to...
Nurture a sustainable community of people who share values, learning, risks and prosperity,
in interdependence and connection with nature.*
<https://terraluminous.eco.br/en/ecovillage/>

A WONDERFUL meeting of hearts and minds. Thank you Luciana and Alex for introducing us to Fabiana! Learning highlights:

To engage others in our quest - Build and demonstrate:

- Credibility What are your indicators? history?
- Trust *Everyday offers opportunities to build trust.* Fabiana Maia

Regen Foci:

- Biodiversity
- Agro Forestry
- Commonlands: [The Four Returns / 3 Landscapes](#)

Aha!

TetraMap faces of the tetrahedron help us understand our personal relationships (egos).

TetraMeme edges of the tetrahedron help us understand Nature's relationships (ecology).

Ancient Aboriginal Wisdom from [Tyson Yunkaporta's guided visualisation](#) (experience how we are the four elements) [Tyson,author, Sand Talk](#)

[Global Ecovillage Network article](#)

MEMES

Genes are the smallest instruction for the design of your physical body. Memes are the smallest instruction for the design of your intellectual body... your mind. Families are determined by genetics. Communities are determined by memetics, that is, by the set of memes that are shared among participants. ...More and more people are discovering the

learning-adventure joys of creating and living together in a nanonation that is Centered around a self-designed meme-cloud

Exciting Opportunities!

Y&J have decided to submit a proposal to present at an ILFI conference, May 2023 (Conf theme: "Advocacy and Belonging". <https://living-future.org/events/>) After our meeting with Fabi and her interest in learning more about TetraMap and TetraMeme...we're meeting w/ Louise next week to discuss the concept of "TetraOrganisations"...which one Maori group has already committed to becoming. Sounds like a start to a Dragon Dream lifted by Bucky-wisdom. The dream includes TetraMeme case studies:

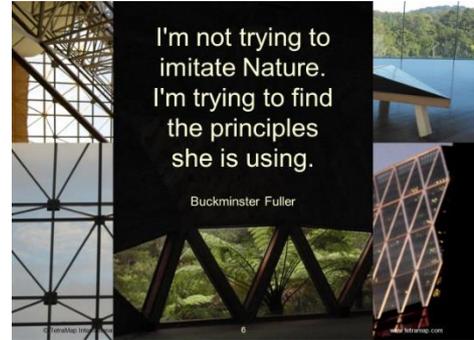
- Zenet100 (changed the name back to this)
- Nature Wisdom (and Terra Luminous as a TetraOrg?)
- Arbolaria Tropical

Luciana: The journey is the destination, however "funds" doesn't seem to be prepared for that. Actual system is very focused on results that have to be clearly established BEFORE the process starts. Can we change that? Can we adapt our projects to this way of thinking? Should we do that?

In science, some funding agencies seem to have a different view. In Brazil: [Serrapilheira Institute](#). It's just the beginning, but it's something...

LEADERSHIP: SHARED-SUFFICIENCY

15-16 September 2022 (#78)



- Dragon Dreaming: Envisioning context and potential in an ecological dream where everyone wins.
- Forming a new team?
Use TetraMeme to capture the hearts and minds of a diversity of players. Context; potential; values and principles come together to ENERGISE - UNIFY - SOLIDIFY - TRANSFORM
- Remember: Frequency of interaction is important to maintain energy and commitment.
- From Alex’s experience of ‘taking a break’
Time away gave way to reinvention of self that shifted his relationship to work. It made ‘life, health and the planet sustainable.’
- Leadership in a time of Shared Sufficiency:
 - Let Go (Transform)
 - Trust (Unify)
 - Focus on Quality (Solidfy)
 - Have fun! (Energise!)
- There’s power in experience and experimenting.
- Let’s stop trying to change the wheel while the car is running. Take time to lead & facilitate.
- Remember:
Learn Global - Think Local - Act Local - Redefine Local

<p>Above the line</p> <p>Freedom Choice Responsibility</p>	 <i>Where Is My Passion?</i>
<p>quit rational lies denial justify blame</p>	 <i>Where Is My Paycheque?</i>

• 2 all-important flipcharts to live and facilitate:



PRECESSION

22-23 September 2022 (#79)

There is no energy crisis, food crisis or environmental crisis. There is only a crisis of ignorance.

Bucky

An interesting reflection about precession



[How Buckminster Fuller's Principle of Precession Can Change Your Life | by Vin Bhalerao | Medium](#)

Y&J:

Thanks! This is a VERY clarifying article by Vin.

It explains so much of what our meeting covered.

...and then, yesterday we went to an Open Home of a couple who came to our Open Home 4 years ago. They said Tanglewood inspired them... they've created their vision of an incredible super-eco, passive home.

...and then a young fellow who also attended our Tanglewood Open House approached us. He still works for Winstone Wallboards, New Zealand's only manufacturer and largest marketer of gypsum plasterboard. By the end of the conversation, he asked us to send him info on ZENET100 to possibly include in his presentation to the construction industry!

...and then Jon re-designed his [ZENET100](#) website which seems to be perfect as a case study for our "Advocacy & Innovation" presentation next year.

Please have a read and consider how you might re-design a part of your website to convey your message for the world through your projects.

Ricardo: Trópico Utópico: You already have so much to pull from your Eco-Restoration Presentation

Luciana & Alex: Nature Wisdom: A fantastic TetraMeme of projects!

- Earth: your original Wood-working school set in Nature
- Air: your post-doc work
- Water: Mini-shelter Project
- Fire: Terra Luminous...a way of living and being into the future!

(just my thoughts... play with the concept and start thinking about Nature Wisdom's incredible precessional successes!) **Luciana:** Loved it!

On a more sobering note that reflects this week's Bucky quote. Here is a video from Helena and Nina Gualinga of Ecuador re: the Amazon. It helps us to understand the pain and challenges Felipe must feel and reflects the ignorance of the fossil fuel industry. [Bioneers Presentation](#)

Luciana: Such a powerful speech! Thanks for sharing.

TETRAMEME OF MEETINGS

29-30 September 2022 (#80)

*Learn global
Think local
Act local
Redefine local
Impact Globally we will*

Yodimi

Leadership, Followership & Responsibility

Re: Responsibility and the Above-the-Line flipchart: [R as a Safety Net](#)

Remember, as facilitators we are guiding learners from “Where is my Paycheck?” to “Where is my Passion”

Another safety-net: EVERYone understands the value of “Interdependence.” *My success depends on your success.*

A good question to ask: *What can I do to support your success (so that I’m successful)?*

A request: *It would be helpful if you could (set task) to support my success (which in turn will support your success!)*

TetraMeme of Meetings: Plan each meeting so that each participant...

Air: learns something that TRANSFORMS a mindset, behavior, or raises curiosity/creativity.

Fire: revisits why we’re here, the great work we’re doing and the challenges we face. This can ENERGISE self and the team.

Earth: knows specifically what he/she must DO when they leave the meeting. This will SOLIDIFY the team, build trust and respect for each other.

Water: *feels* a rise in self and team-esteem. This will UNIFY the group through a sense of belonging and trust

COLLABORATING WITH THE ENEMY

6-7 Oct 2022 (#81)

Collaboration is increasingly difficult and increasingly necessary.

Adam Kahane

(Suggested reading if Bolsenaro wins in Brazil)

Adam Kahane: <https://reospartners.com/reos-management/adam-kahane/>

Author: *Collaborating with the Enemy, Facilitating Breakthrough +++*

Great Suggestions:

- Once you've 'visualised, planned, set goals' review them as a story that has already happened.
- What if the process to develop your project were a GAME? How would it look, feel, play like? What if the game IS the process and you play - go away to seek info - return - keep playing... eg. "Building a Mini-Shelter: A Game for Life"

Jon's Interpretation of [Collaborating with the Enemy](#) with a change in order because 3, 4 and 1 are probably required for engagement in experimenting to find a way forward, 2.

strategy+business

How Do You Solve a Problem You Can't Agree On?

These simple stretch collaboration tools can help your team make progress when trust is low and consensus seems out of reach.

1 Accept the plurality of the situation

You do not have to agree on what the solution is — or even what the problem is — to make progress. Different actors may support the same outcome for different reasons.

2 Experiment to find a way forward

Keep trying things with the understanding that you can't control the future, but you can influence it. Success isn't coming up with a solution — it's working toward one.

3 See yourself as part of the problem, not outside of it

You can't make progress until you realize that you have a role in the situation. If you're not part of the problem, you can't be part of the solution.

- **3 Unify** - We are all in this together, so we won't change unless *I* change. *if you're not part of the problem, then you can't be part of the solution.* I must accept the responsibility to change myself.

- **4 Transform** - system changes are seldom predicted by changes in the parts. Expect unanticipated synergy from the *precessional* impacts of individuals changing.

- **1 Solidify** - diversity is a given and conformity is not a requirement. Great starting point.

- **2 Energise** - ignite your creativity and experiment with ideas knowing many will crash and burn, but some will become beacons for change.

SPACE CAMP: Great questions in

Session 1

The screenshot shows a Zoom meeting interface. At the top, it indicates 'Recording' and 'You are viewing Faith Flanigan (she/her)'s screen'. The main content is a slide with a dark, abstract background featuring green and blue splatters and a red, textured bottom section. The slide title is 'Questions that will guide our learning:'. Below the title are four questions:

- What are the root causes of climate change? How can we reframe the issue? What does reframing the issue unlock in terms of solutions?
- How does our current worldview limit our ability to create change? How can we (un)learn deeply ingrained perspectives that may be causing harm and contributing to carbon destabilization?
- What has been effective so far in shaping awareness and helping to stabilize our climate? Why have they been effective? What models and frameworks do they utilize?
- How can we take whole systems thinking and apply it directly to on-the-ground projects?

The Zoom control bar at the bottom includes icons for Unmute, Stop Video, Participants (49), Chat, Share Screen, Record, Reactions, Apps, and a red Leave button.

MAINTAINING ENERGY

13-14 Oct 2022 (#82)

TetraThoughts
Feel, Think, Do, Dream
To each other, listen
Completion and closure
Sleep well
Yodimi

It's important to have a sense of closure when in conversation with self and others. TetraThoughts at the beginning or end of a meeting (depending on the state of the room) will help settle chaotic, confused hearts and minds.

Next level: Mirror for empathetic reflection - sharing one's take on a comment that supports the misconception the speaker may have of self or a situation. Eg "I heard you saying you felt that you haven't contributed enough. My thoughts and observations are that you contributed... and I'm grateful for those contributions."

TetraMeme TetraThoughts: I believe that I've...

Solidified ...my thoughts, this group, etc

Unified...

Energised...

Transformed...

At Terra Luminous community they have a meeting called "UKITAVIVO" (o que está vivo = what is alive). It is inspired by the ZEGG Forum + non violent communication techniques. It is a moment to share emotions, feelings and thoughts and also "clean the field of relationships". If an issue between two people could not be solved in a regular conversation, they can bring it to this meeting.

There are some important rules, including: always speak in the first person and if you want to speak about other people's action, focus on what it caused in you: "I felt that way when you did that"; nothing leaves the room, confidentiality is key; no judgments, etc.

<https://www.zegg-forum.org/de/hintergrundmaterial.html>

SPACE CAMP TetraFlashes and questions to catalyze thought: 19 October 2022

- Earth repair is a participatory sport. Judith Schwartz (<https://globalearthrepairfoundation.org/>)
- How do we gauge the *readiness* of a system to change? Which systems are ready?

- Why is achieving climate stabilization “impossible”?
 - we are not paying attention to human psychology
 - addiction to fossil fuels
 - concept of “systems” is not understood nor taught in schools
 - investment in the status quo
 - polarized options - linear thinking
 - You can’t teach a hungry man about.... climate change, systems, almost anything!
 - You can’t teach a person filled with ego power about...
 - lack of imagination
- Think of the impact of doing ‘non-fulfilling work’
- Reframe “competition” as an opportunity to make comparisons.
- The currency of the media is adrenaline and fear. Judith
- How do we honor, respect, work with differences when faced with elemental mindsets needing:
 - time to reach consensus (for Water)
 - tangible outcomes (for Earth)
 - detailed analysis (for Air)
 - novelty and creativity (for Fire)
- A premise of TetraMeme: Know that your impassioned action will lead to things yet imagined.
- There’s little use being a Trimtab on the Titanic ...where will I, as a trimtab, be most useful?

TETRAMEME EXPERIMENT SPIRALS #1

20-21 Oct 2022 (#83)

*Enemy or Idol
Whatever the competition
Lose/lose wins.
Yodimi
(inspired by conversations about the shift to the global right; wars; climate avoiders, etc)*

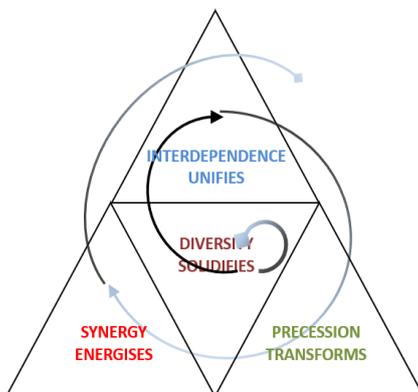
Draft Experiment 1: TetraMeme as an approach to planning and visioning.

A. The “Guiding Principles” are presuppositions that when believed and shared, will engage only those committed to Nature to be involved. (No more time to waste on deniers)

B. The Path defines the first 4 process steps that culminate in the “TetraMeme of Relationships” (see one example and note...all TetraMemes created to date are VERY different! hmm....)

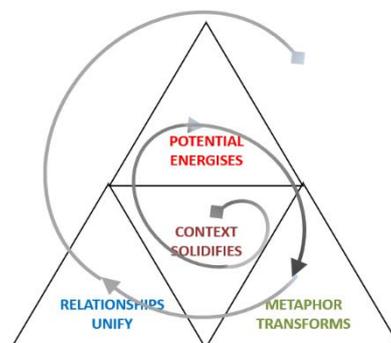
C. Actualising Actions defines the elements to create change

**TETRAMEME'S / NATURE'S
GUIDING PRINCIPLES FOR YOUR
PROJECT JOURNEY**



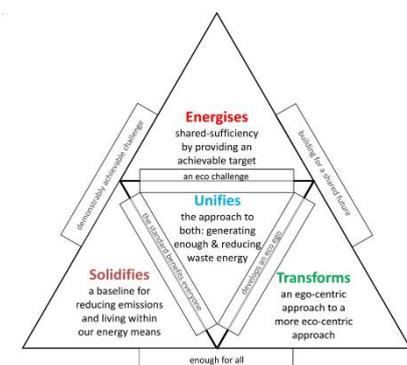
The process always starts with the center

THE PATH



Element and travels up and around clockwise...in spiral!
(experimenting w/ spirals... Meaning? Colors? Width? Positions?)

ACTUALISING ACTIONS



LULA WINS!!! YAY!

27-28 Oct 2022 (#84)

*Embrace diversity.
There is no try.
Like or like not.
Yodimi*

We deserve the leaders we elect. It is a lesson in valuing diversity.

Lula wins! Yay! Watch this space?!

Great leaders CARE about their people. How caring are Bolsonaro, Putin, Trump, Kim Jong Un, Xi Jinping? Ultimate EGO trumps ECO-beings. What DO they care about and why?

Are we experiencing the precessional effects of accepting - embracing - tolerating - fighting diversity? Hmmmm....



Celebration in the streets after Bolsonaro's defeat! Hope for better days!

CONNECT INTELLIGENCE & ENERGY

3-4 Nov 2022 (#85)

Wealth is the product of energy times intelligence: energy turned into artifacts that advantage human life.

Bucky

SOOO many opportunities to connect intelligence and energy for interdependent, synergetic outcomes that advantage Nature and humanity:

Luciana's AIR expertise and commitment has helped to pull a significant partner for Terra Luminous!

<https://www.goodcarbon.earth/en>

“goodcarbon is reinventing the way in which Nature-based Solutions get funding with a platform that connects projects, investors, and companies. Together, we shift the focus of global capital to restore and conserve the abundance of our precious ecosystems.

We offer access to existing and emerging projects and related carbon streams across soil, and forest, plus high-quality, Blue Carbon-based projects in partnership with Oceans 2050.

Quality, integrity, and impact are what drives us every day at goodcarbon. That's why we partner with the projects that not only capture carbon but also have wide-ranging biodiversity and community benefits.

The future of our planet relies on the reduction of 50 gigatonnes of greenhouse gas emissions every year. Supporting Nature-based Solutions is critical to this mission”.

Here's another generous, committed organization co-founded by Kark Burkhart, Space Camp #2 speaker:

[One Earth](#) is a nonprofit organization working to accelerate collective action to solve the climate crisis through groundbreaking science, inspiring media, and an innovative approach to climate philanthropy. The solutions for the climate crisis already exist, and the latest science led by One Earth shows we can achieve the critical 1.5°C goal through our [three pillars of collective action](#) — a just transition to 100% renewable energy, protection and restoration of half of the world's lands and oceans, and a shift to net-zero food and fiber systems. The goals of the three pillars of action may sound daunting, but millions of people and organizations worldwide are already driving this transformative change. With proper resources and support, these efforts can quickly build momentum and play a critical role in solving the climate crisis in time.

So many people doing so many good things. They open doors to anyone interested in helping:

[What We Do - Climate Foundation](#) (founded by [Brian Von Herzen](#), Space Camp speaker #2)

[Climate Foundation: Marine Permaculture](#)

[Can you support? Here's who they need](#)

Question of the week:

What carrots do we use/eat to motivate self and collaborators? How would organic carrots make all the difference? (just a joke...but seeing these carrots dancing may catalyse creative thoughts!)



A heart warming/breaking film - especially as COP27 begins:

<https://theletterfilm.org/watch/>

COMPREHENSIVE ANTICIPATORY MEETING!

10-11 Nov 2022 (#86)

A comprehensive, anticipatory strategy will “...emerge into popular adoption only through emergency.”

Bucky

Hmm...perfect timing for all our strategies!

Bucky said,

If [a strategy is] adopted by one individual and proved to be valid, it must in due course become comprehensively operative even though none other than the initiating individual ever consciously and formally adopted it. It would, however, emerge into popular adoption only through emergency.

We asked ourselves...what does life in 2040 look like? How anticipatory/comprehensive must we be?

Click on the blue times for video segments or watch the whole [Session video](#)

[7:11-12:05](#) Alex: energises a colleague w/ Dragon Dreaming and creates space to “BREATHE”. Dreaming helps to clarify what you want and remind you of your purpose...and to remind you what you **don't** want to do!

[15:30](#) - [18:16](#) Calling in from her car en route home: What Luciana learned from the conference she just attended and how it impacted her visions for 2040.

[18:25](#) - [20:32](#) Jon on how the local primary school that he attended(!) reflects comprehensive, anticipatory thinking.

[20:42](#) - [24:15](#) Yoshimi on creating opportunities to develop comprehensive, anticipatory strategies throughout one's learning journey...and her 'Aha!' 2040 vision.

[28:42](#) - [35:57](#) Alex's 2040 vision. *We will change from consumers to **prosumers**.
Wood is the material of the future.*

[40:35](#) - [45:21](#) Luciana on 'honoring WOOD' and the significance of shifting mindsets around this amazing resource.

[47:31](#) - [50:60](#) Anticipatory reflections

[50:00](#) - [53:11](#) *possible Nature* gives HOPE = carrot.
impossible Nature requires protection = umbrella.

Right after our meeting, Y&J attended a conference featuring Dr. Julian Ageyeman.

<https://humansandnature.org/julian-agyeman/>

Interesting ThoughtMemes:

- Creating, designing, building “Green” often does not reflect “social justice”
- We need “deep ethnographies” designed to promote urban areas/parks that support engagement, encounters and learning. (What would a park for refugees look like?) This refers back to Luciana’s comment re: poor communities who associate wood with hunger, poverty, conflict. These people are like refugees whose mindsets around natural materials must be shifted.
- “Food Justice” - What are ‘local foods’ in inter-cultural societies?
- How can we be good ancestors?

... on Yoshimi and Jon’s last road trip to Whangarei, Northland, Aotearoa NZ



Meet Hundertwasser: <https://www.hundertwasserartcentre.co.nz/about/>

TETRASPIRALS & SHARING SCIENCE

16-17 Nov 2022 (#87)

Wealth is a person's ability to survive X number of days forward.

Bucky

Great to see Felipe again!



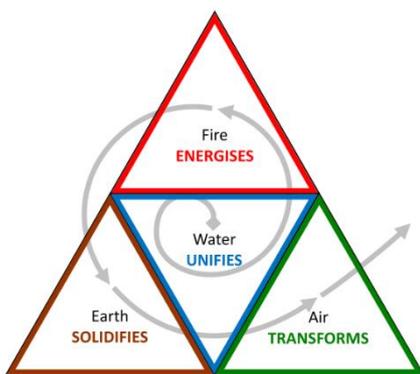
Felipe's update reflected what we've been exploring!
Learn Global - Act Local - Define Local - Impact Global

Congrats Felipe on your community gatherings! That's where transformation begins.

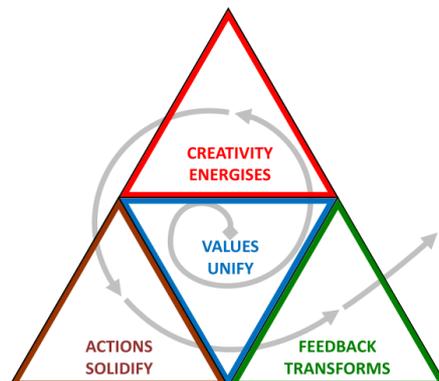
TetraMeme is making more and more sense...Read through and play!

TetraUpdate! Start with

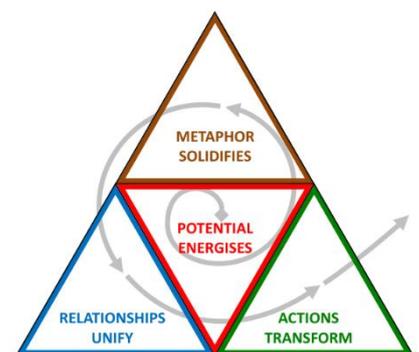
TETRAMEME ELEMENTS



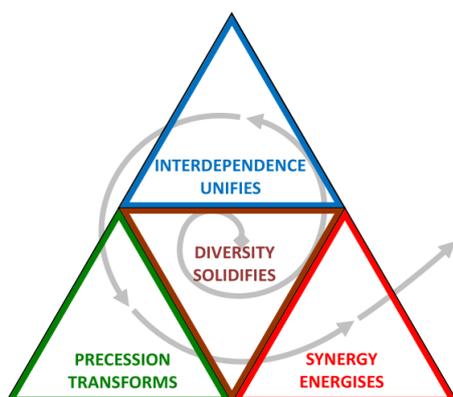
TETRAMEME PRESUPPOSITIONS



THE TETRAMEME PROCESS



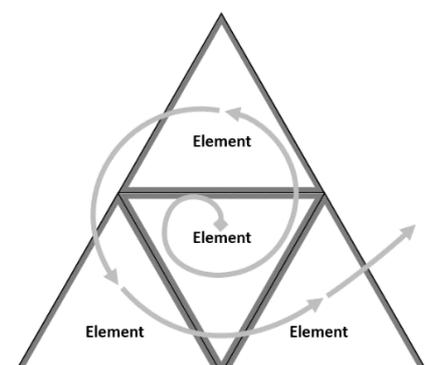
NATURE'S GUIDING PRINCIPLES



"TetraMeme Elements" to share your current projects.
What/how do specific projects UNIFY, ENERGISE, SOLIDIFY, TRANSFORM?

[Here](#) are some other templates!

TITLE



Some interesting references from the conference Forest and human wellbeing Luciana attended last week.

- De Ville et al. [Time spent in nature is associated with increased pro-environment...](#) 2021
- Kesebir et al. [A growing disconnection from nature is evident in cultural products.](#) 2017
- Richardson et al. [Problematic smartphone use, nature connectedness and anxiety.](#) 2018
- McEwan et al. [Shmapped: development of an app to record and promote the well-being.](#) 2020
- Richardson, Miles; Mcewan, Kirsten. [30 days wild and the relationship between engagement with nature's beauty...](#)
- Pirchio et al. [The effects of contact with nature during outdoor environmental education on students' wellbeing..](#)
- [The relationship between climate change issue engagement, connection to nature and mental wellbeing.](#)
- Barrable and Booth. [Disconnected: what can we learn from individuals with very low nature connection;](#)
- Anguelovski et al. [Do green neighborhoods promote urban health justice?](#) 2018
- Unicef: [Places and Spaces.](#) Environments and children's wellbeing
- [Climate change and child health: a scoping review and an expanded conceptual framework](#)
- [Global trends in insufficient physical activities among adolescents](#)
- [Nature-based play ARUP](#)
- [Nature and Children's Health. A systematic review.](#)
- [Platform for Prescribing Nature](#)
- [Urban 95](#)

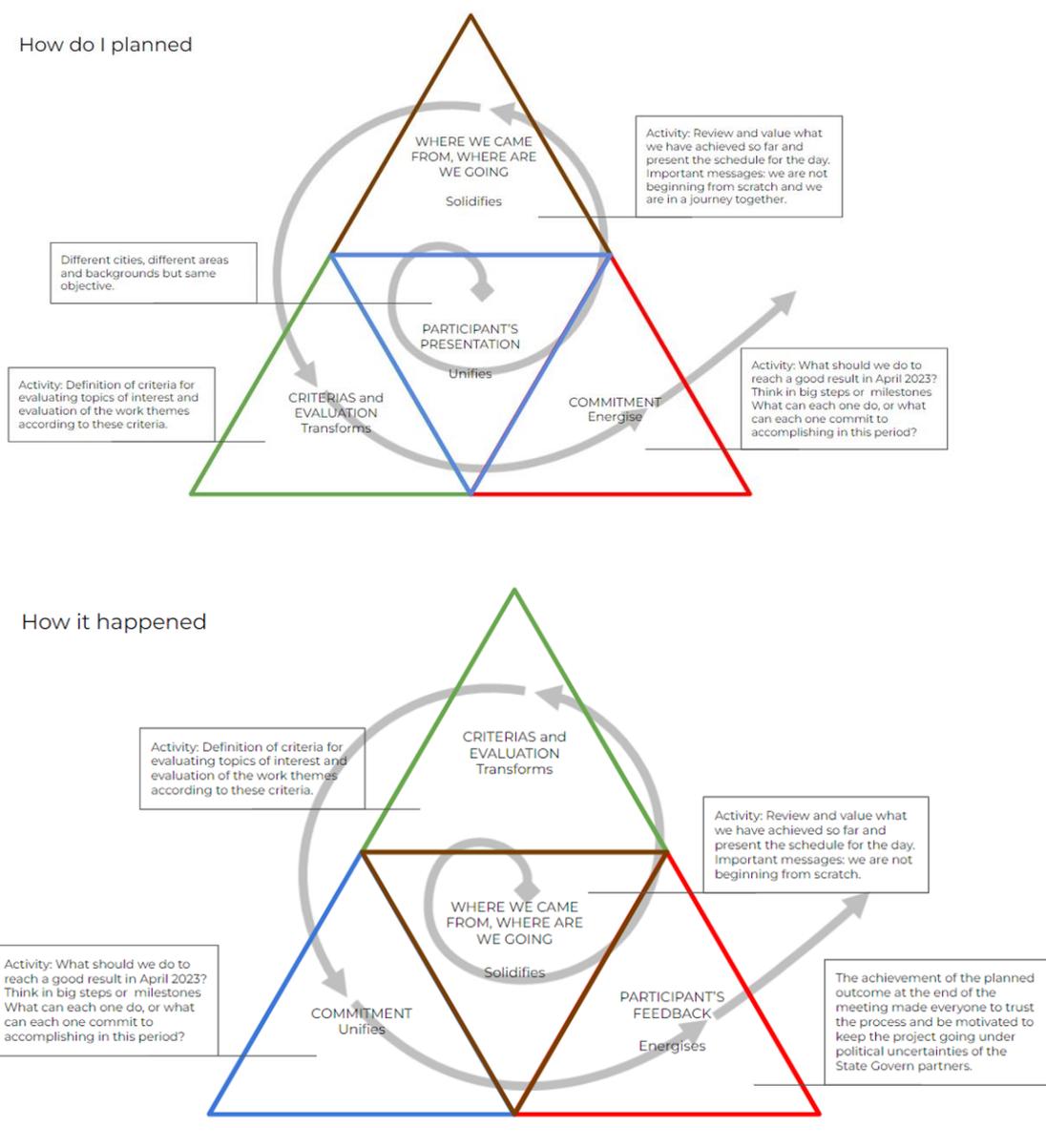
To access paid papers, you can use: <https://sci-hub.se/>there should be no barriers to science ;)

TETRASPIRALS IN ACTION!

24-25 Nov 2022 (#88)

*Breathe
Give
Share
Receive
Learning everyday
Grow
Yodimi*

Luciana used Tetra Spirals to plan a very important meeting with partners from different sectors (Academia, 3 Municipal Government and the State Government), and the result was better than expected!!! A truly synergetic experience!



Congratulations Felipe! Thanks for influencing industry to spiral up!

This badge was issued to [LUIS FELIPE CANCHALA CEPEDA](#) on May 27, 2022

Fundamentos de transición energética

Issued by [Ecopetrol](#)

La persona que recibe esta insignia comprende en qué consiste la transición energética desde una perspectiva global y los retos que esta trae para la compañía.



All that we in Nature Wisdom do reflects our commitment to the TetraBottom-lines:

TetraMap: People - Planet - Profit - Legacy

TetraMeme: People - Planet - Profit - Precession

Perspectives on Synergy

Bucky believed that...

The whole has properties not only greater than but unpredictable from the sum of the properties of its parts.

Ervin Laszlo

The integrative, synchronized, and emergent behavior of the components results in the holistic, cooperative, and qualitative characteristic of nonlinear networks. The synergistic character of nonlinear systems is also what makes them so rich. Every major unsolved problem in science, from consciousness to cancer to the collective craziness of the economy, is nonlinear. As is evident in a laser, the synchronized whole has a quality and functionality which none of the individual components had

Music Synergy: 2 perspectives (May be a way of engaging different preferences)

<https://www.youtube.com/watch?v=JPK6xK79Uow>

<https://www.youtube.com/watch?v=ph1GU1qQ1zQ>

ECOCIDE & MAORI LEGAL SYS

1-2 Dec 2022 (#89)

*Nature never “fails.”
Nature complies with her own laws.*

Nature is the law.

Bucky

(In the New Yorker: The Outlaw Area by Calvin Tomkins, December 31, 1965)

Also from the same article: <https://www.newyorker.com/magazine/1966/01/08/in-the-outlaw-area>

Bucky on speaking to university students:

I found that all these young people were really thinking. Their questions were brilliant, and they had such a clear grasp of the important issues, and their interest and their enthusiasm were so great—it was a strange thing, but I felt as though all the centuries had rolled back and I was really talking to the young thinkers of ancient Greece. We didn’t break up until three-thirty in the morning. I don’t believe I’ve ever felt such a spirit as I did that night, just two weeks ago. It’s this sort of thing that makes me so sure we’re going to come through. Everything centers more and more on the young people, but they’re up to it. World is going to work for world, that’s all.”

This 25 min video lays bare the ecocide impact of the Carbon Offset myth:

<https://www.aljazeera.com/program/all-hail/2022/11/10/why-we-cant-offset-our-way-out-of-climate-change-all-hail>

Luciana’s recommendation and project links

Clover Hogan’s “Force of Nature” Podcasts:

<https://open.spotify.com/episode/0JHGSZoXFbyaBSTUBWhdO3?si=93e8a503fedf491c>

Some images from the workshop: Here is the project website:

<https://biotasintese.iea.usp.br/>



The evolution of a Maori Legal System that reflects a reconnection with Nature. In her keynote, Matariki Carr (Ngāti Awa, Ngāi Tūhoe) elegantly and clearly describes how ***We are Nature. We are part of this living system. We need to fall back in love with that. We need to stop being so disconnected and we need to remember who we actually are.***

[Maori Legal Systems and the Commons](#) (40min keynote + excellent Q&A)

What if all legal systems give Nature personage, agency and believe that “We ARE Nature”? Would we not put an end to poisoning and destroying Nature because we’d be poisoning and destroying ourselves.

REVALUING FOR NEW MEANING

8-9 Dec 2022 (#90)

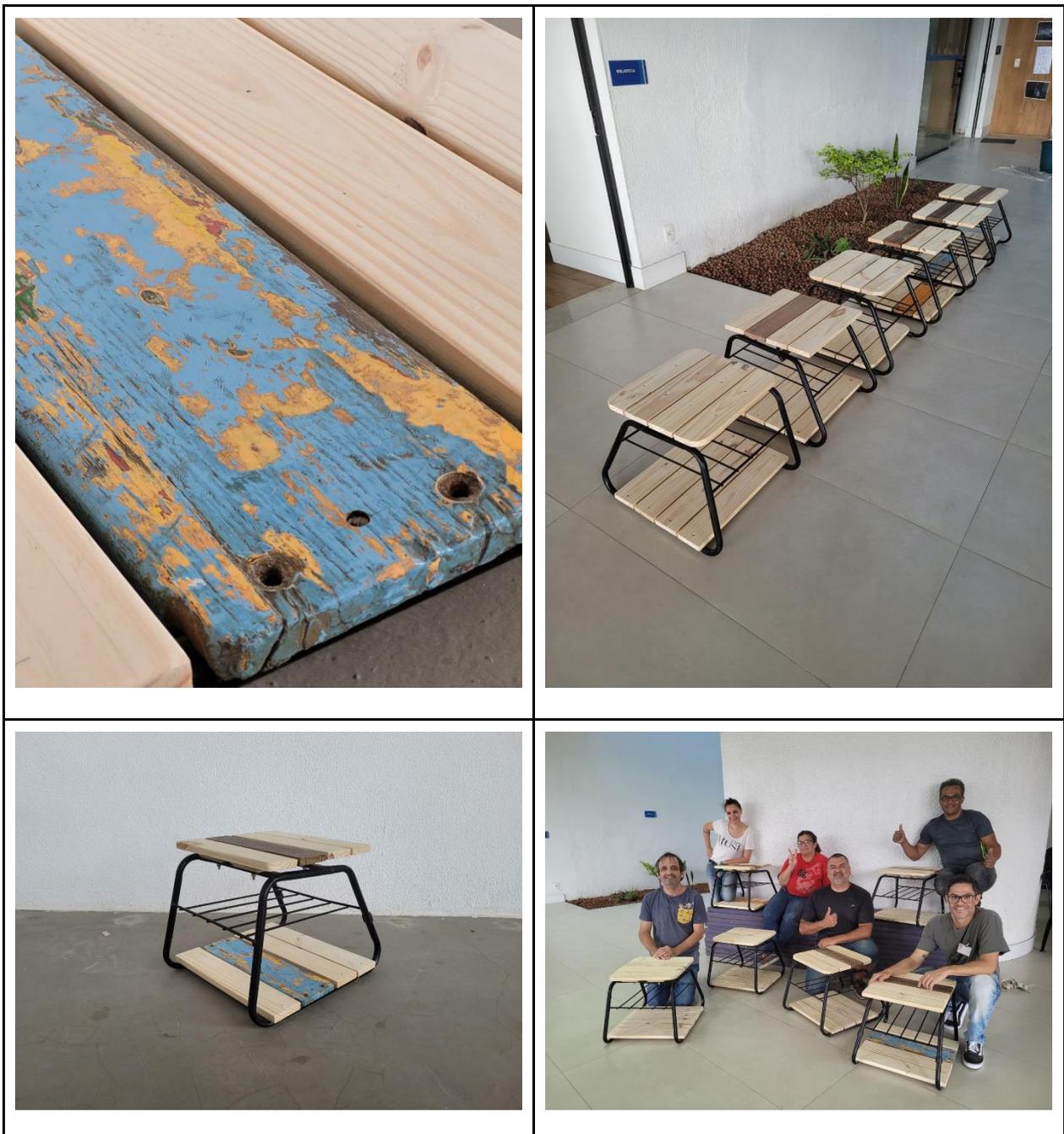
There is no energy crisis, food crisis or environmental crisis. There is only a crisis of ignorance.

Bucky

Alex's School!

Transforming something old into new. Revaluing the materials and giving them new meaning.

What does upcycling one's life look like?



BUILDING NEW MODELS!

15-16 Dec 2022 (#91)

You never change things by fighting the existing reality. To change something, build a new model that makes the existing model obsolete.

Bucky



Please revisit in the New Year & apply to a project!

BFI Space Camp 2022 Mission Shares

[Trimtab Space Camp | Mission Showcase](#)

04:40 @Della Burford - Earth Action Passion for Children's education!

08:57 @Bente Milton - The New World Game

14:18 @Nikki Wall - Loving Eats

20:14 @Felicia Chavez - Cooperating Manual for Spaceship Earth

25:24 @Mark Roest - Cooperating Manual for Spaceship Earth

32:15 @Bobby Fishkin - Collaborate with artificial intelligence to reach a solar punk future faster Fascinating!

37:40 @Peter Meisen - New leadership for Global Energy Network Institute

43:05 @Curt McNamara - Trimtabs for climate

49:09 @Lauren Minis - A regenerative financial model for global weaving (When the 3 yellow highlighted missions integrate... watch for a TRIMTAB shift!)

54:50 @Stephen Bau - Design Science Synarchy

59:50 @Carl Welty - Nature-based Zero Energy Air Conditioning

1:07:08 @marnayoga - Bug Factory

1:12:39 @Steven Leavitt - Space Camp Missions Podcast

Link to Steven Levitt's PODCASTS of above mission leads!! Thanks Steven!

[SPACE CAMP MISSION PODCASTS](#)

2022 final words - **Luciana**: trust the process and your instincts! **Felipe**: cooperation - below the pines nothing can grow. **Alex**: It was a good fight! Feeling hurt but strong! **Bretts**: 2023 will be a year to see everybody playing with TetraMeme in their projects and personal lives.

2023 wishes: a Nature Wisdom live meeting in Colombia around April/May!! Let's dream, plan, act and celebrate!!

LETTING GO!

2-3 February 2023 (#92)

*Let go!
Regenerate Emergently
Take it from there
Nature will
Yodimi*

A new perspective - working with an ever-expanding network of Bucky-inspired visionaries

<https://emergently.net/>

My ideas have undergone a process of emergence by emergency. When they are needed badly enough, they are accepted.

- Buckminster Fuller

Curated [WAKA LOG](#) on the Emergently website

Learning Opportunities!

<https://52livingideas.com/>

<https://www.becomingdenizen.com/essentials/lessons-from-buckminster-fuller>

<https://www.sociocracyforall.org/group-decision-making/>

TECH & WHOLE SYSTEMS

9-10 February 2023 (#93)

...there is a certain reassurance to be mined from Fuller's principles. A belief in technology as salvation is really a belief in humankind's capacity to use it as such, to not bend it to damaging ends. Fuller was a tireless optimist when it came to his species. We have been endowed with intelligence, he thought, so we occupy a special place in the universe. 'Nature was,' he wrote, 'clearly intent on making humans successful.' This was the quintessential Fuller paradox: he doubted our ability to mend our imperfections, but he was confident in our facility to develop technologies that can outwit them.

Samanth Subramanian

Foreign Correspondent, The National

<https://aeon.co/users/samanth-subramanian>

TECHNOLOGY & WHOLE SYSTEMS

Luciana described a meeting she attended with

- City councilors and staff
- Urban designers
- Tourism Leaders
- City services
- Developers
- Educators

Nature seemed to also have a seat at the table.

Somehow, someway...no doubt with Luciana's guidance, the meeting sounded like a reflection (and joys) of seeing their city development plans from a WHOLE SYSTEMS perspective! Yay!

Luciana stepped-up to create a MAP which we discussed at length. A map's utility:

- **Unifying** artifact where each person sees his/her contribution
- **Energising** to see the context and connections from a bird's eye view!
- **Solidifying** as a 'map' reflects the foundations of the network needed to create the potential for group synergy
- **Transforming** as participants begin to understand and start to act with a WHOLE SYSTEMS view of the context.

This is a process that's shifting the group from EGO/deforestation mindsets to ECO mindsets of economic growth WITH Nature. All aided by the technology that brings us together when we're not together:)

Alex is also moving forward, flowing with streams of thought and actions converging and defining a trail ahead. Take the bird's eye view of the terrain to see the map of connections and opportunities that April will bring!

Meanwhile, Yoshimi and Jon are inspired to 'map' their "Reciprocity Emergently" project on their spiral. This meeting helped them to step-back from forcing the drawdown stats to motivate the kids to donate...to allowing their use of the \$\$ to Emerge Gently.

RECIPROCITY EMERGENTLY

16-17 February 2023 (#94)

*Initiate! Energise!
Receive, reflect feedback
Energy, maintained it is
Scale, spiral, soar.*
Yodimi

Luciana, Alex, Ricardo, Felipe:

See if you can use the Emergently framework to clarify your next steps!

Here's how we applied the process to our project:

Reciprocity Emérgently

Air Travel \$Footprint = \$Handprint

To offset Jon and Yoshimi's air travel for their 2023 round-the-world trip, airfares will be matched dollar-for-dollar and donated to projects that serve Nature.

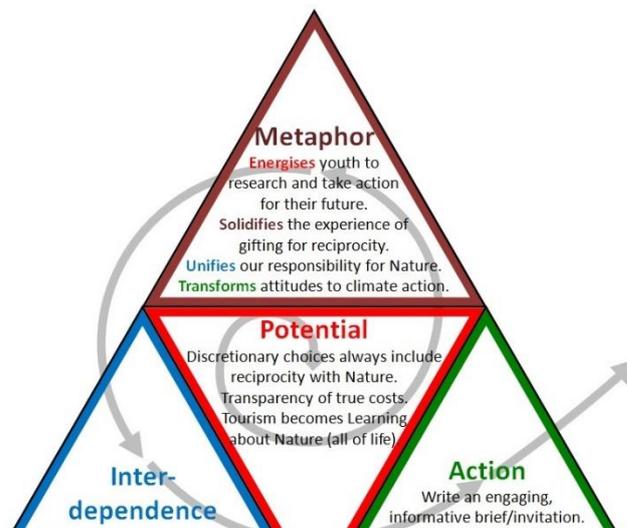
The "Gift 4 Nature" challenge invites 5 youths (ages 8-14 yrs) who J&Y will visit in the USA and Germany. The Emergently framework summarizes the project design. Start with

POTENTIAL

The Process:

1. Context and **POTENTIAL**: The potential emerges from initially describing the project CONTEXT.
2. **METAPHOR**: How the project will Energise-Solidify-Unify-Transform (Fire-Earth-Water-Air)
3. **INTERDEPENDENCE**: What interdependencies become important
4. **ACTIONS**: What do Y&J need to do to support the interdependencies?

Summary from our whiteboard process steps (<https://emergently.net/?view=article&id=27>)



2. Metaphor Phase

Project and Nature's Elements (How this project reflects Fire, Earth, Water, Air)	
2.1 Energises	youth to think about, research and take action for their future.
2.2 Solidifies	the significance of experiencing reciprocity.
2.3 Unifies	reconnecting us with, and our responsibility for Nature.
2.4 Transforms	attitudes toward CO2 emissions, climate action and reciprocity.

1. Potential Phase

Context (current state outside the project)	
	International Energy Agency
	<i>Transport has the highest reliance on fossil fuels of any sector and accounted for 37% of CO2 emissions from end-use sectors in 2021.</i>
	2021 Transport = 7.7 GT CO2
	2021 Aviation = 0.71 Gt CO2 = 9.2% of transport emissions and 3.4% of all global emissions.
	Standard offsets ignore embodied energy
	Carbon offsetting is increasingly greenwashed
	Mindset that we need to fight/control Nature
	Would be interesting to find what % of air travel is discretionary
	Tourism is dependent on air travel

Potential (the positive potential of each context)	
	Travel is 0% of global emissions
	Technology calculates realistic embodied energy
	2. Transparency of true costs
	We work interdependently with Nature
	1. Discretionary choices always include reciprocity with Nature
	3. Tourism is about Learning about Nature (all of life)

3. Interdependency Phase

Interdependencies	
3.1 Energises & Solidifies	<ul style="list-style-type: none"> Apply concept of reciprocity to their own travel options Discover orgs and projects that support Nature Affirm the significance of CO2 impacts Motivate self & others to reduce and sequester CO2 daily.
3.2 Energise & Unify	<ul style="list-style-type: none"> Embed a sense of responsibility for Nature Be energised to become advocates for Nature & engage peers to see this as a shared responsibility
3.3 Energise & Transforms	<ul style="list-style-type: none"> Confirmation of data increases confidence to design climate action strategies for reciprocity with Nature
3.4 Transforms & Solidifies	<ul style="list-style-type: none"> Experience what happens when specific climate actions are defined, measured, monitored & scaled. Recognise and design system alternatives. Design trimtab experiences to scale impact.
3.5 Solidifies & Unifies	<ul style="list-style-type: none"> Deepen ones appreciation & responsibility for Nature.
3.6 Unifies & Transforms	<ul style="list-style-type: none"> Embrace the realisation that I am Nature. When I heal Nature, I heal myself. When we heal Nature, we heal ourselves.

4. Action and Feedback Phase

Immediate Action & Feedback strategies that emerge from all the above:	
	1. Write an engaging, informative brief/invitation for the kids (and their parents)
	2. Create a form for kids to complete that includes them choosing/clarifying: Organisation: relationship; monitoring .
	3. Feedback form between us and kids re: their relationship w/ the org, with Nature, set up zoom call May/June for all to meet and share.

GIFT 4 NATURE: invitation

22-23 February 2023 (#95)

Experiment
Uncertainty and change catalyse
Fear not
Yodimi

Project Purpose

Because we, Uncle Jon and Auntie Yosh, are flying alllllll the way from Aotearoa NZ to see you, it's important we consider the massive cost of CO2 emissions going to being emitted. Not only are we burning fossil fuels, but consider the CO2 cost of the **EMBODIED ENERGY** used to build everything needed for the trip e.g. planes and airports. So! The purpose of this project is to share important lessons about Nature, and about how we, together, can keep her and us healthy enough to enjoy our future.



Uncle Jon and Auntie Yosh's Values

Values are what we believe to be important. We want these values to be reflected in how we behave.

- **Reciprocity** If we 'take away' from Nature, we must also 'give back' to keep her healthy.
- **Interdependence** We believe that, *My success DEPENDS on your success; Nature's success DEPENDS on our success.*
- **Synergy** If we trust each other to be the best we can be, we expect extraordinary, positive things to happen for ALL of life.
- **Love** When we love ourselves, each other and Nature... everyone wins!

Throughout this project, you'll discover and clarify your values ...how you choose to be and what to do.

Your Challenge

You will receive USD\$1000 to donate to a cause, organisation, school or community project that serves, supports and restores NATURE. Consider this YOUR HANDPRINT – your contribution to a project that you trust to use the money to restore and revitalise Mother Nature.

Meet Your Fellow Spaceship Earth Travellers!



ECOSYSTEM SERVICES: JUQUITIBA

1-2 March 2023 (#96)

*Interdependent leadership
the will to DO
together
Catalysed
Yodimi*

Engagement Steps:

1. Personalise immediately
2. Connect people w/ each other and Nature quickly
3. Build trust throughout
4. Catalyse “Aha!”s for each person so that they say... *“What I DO (think even...) is relevant, significant and seeds positive change.”*

As Interdependent Leaders... we all

- Teach
- Manage
- Facilitate
- Guide & Inspire

An overview of the process of Mapping Ecosystem Services at municipal level in Jucituba
[Ecosystem Services in Jucituba](#)

FEELING LOST?

8-9 March 2023 (#97)

*Lost?
Confused?
Overwhelmed?
Celebrate!
Solutions gently emerge they will
Yodimi
I enjoy being lost.
Alex Uzueli*

Want to initiate **DISRUPTIVE** thinking?

- Helps to be 'strong in self', confident, grounded self-esteem
- Get over FEAR (False Evidence As Real)
- Invite diversity
- Have time to think with a sense of freedom!
- Trust the process and your experiment.

Network Updates and Learning Links

- [BFI](#) New Leadership- new strategies
- [Regenerosity](#) - A beautiful, amazing precessional outcome from 10 years of the BFI Challenge.
- [52 Living Ideas](#) Shrikant has designed a meet-up of diverse Bucky-inspired thinkers around the concept of "Comprehensivity"
- [Syntropic World](#) A strong Bucky advocate, Christine has designed a seemingly comprehensive programme for entrepreneurs and those wanting to live into a 'world that works'

TETRA-GO-ROUNDS

15-16 March (#98)

*Water flows,
paths of least resistance she seeks
energy, strength, power she builds
Peace
emerges gently
Yodimi*

Luciana's meeting design for a diversity of participants committed (?) to the regen development of their communities prompted a process game that supports the emergence of Nature's principles of interdependence; diversity; synergy.

TETRA-GO-ROUNDS (can have more than 4 groups)

Logistics:

- 4 stations, each indicating a group: eg scientists; farmers; urban planners; govt
- Prepare 2 questions:
 - A. One for each group to define, e.g. *What is currently your main communication issue?*
 - B. A second question that everyone can build upon, e.g. *What are some ways to deal with this?*
- If possible, prepare music that you can turn up/down to signal groups move to the next station. If not, a bell, horn, whatever will do.
- Plan on ___ min station stops - then have groups move clockwise to the next station.

Instructions:

- *Go to your designated station*
- *Introduce yourselves and discuss the first question.*
- *Draw, describe however you like, your collective answer.*
- *When you hear the music, move quickly clockwise to the next station.*
- *Answer the second question in light of what is on the flipchart*
- *Music - move; music - move; music - move;*
- *When you're back to your original station, discuss what's interesting and add your own answers.*
- *Line up all the flips if you can, and have one person from each group share what they found interesting.*
- *Whole group share Lessons? Important must-remembers?*

INTERVIEWS & ABSOLUTE TRUTH

22-23 March (#99)

*Think whole systems
when 3
seek the 4th
Yodimi*

UPDATE

Reciprocity Emergently: GIFT 4 NATURE

Extended participation:

- 5 Youth
- EQDI (EQ Dynamics International) <https://www.eqdynamics.de/> : have tripled our contribution and invites clients to participate (Outcome: [GIFT 4 NATURE Precession](#))

Questions asked of the youth:

1. What's been really interesting that you've learned so far?
2. What's the goal(s) of the organisation or project you've chosen to support.
3. How do you feel about this project?
4. What has surprised or inspired you?

FASCINATING INTERVIEWS

Steven Levitt's

[Spaceship Earth Mission Log](#)

Steven Leavitt hosts this series, and is the host of The Language of Creativity podcast, <https://www.thelanguageofcreativity.com>. He has attended four Space Camps since 2020 and is inspired by Buckminster Fuller's quote: "You never change things by fighting the existing reality. To change something, build a new model that makes the existing model obsolete."

Bobby Fishkin's interview re: AI and Solarpunk is great.

Bretts are mentioned in Nikki Wall's interview

Felicia Chavez looks at the Cooperating Manual for Spaceship Earth

52 Living Ideas - a GREAT learning meet-up

On TetraMeme: Y&J present their new concept (now called "Emérgently")

<https://www.youtube.com/watch?v=k72wRKTRScE>

Richard Ramsey on Social Tensegrity (we first met at BFI Space Camp)

<https://www.youtube.com/watch?v=NIFwCwHYVnc>

ON METAPHOR AND ABSOLUTE TRUTH(!)

A glimpse into Jon's new relationship with Andrius from Lithuania.

From Andrius' letter to Jon

But there are many planes in the spiritual ecosystem where people can dwell and they will have their relationship with the truth. Working together we could understand that ecosystem. Every person can help us understand a piece of that puzzle. So that becomes interesting to learn about each other's religions, by which I mean, each other's relationships with the truth. For example, as a shorthand, I would say **Jon lives a "religion of metaphor" and Kirby lives a "religion of defensive strategy" and it is for each person to describe their religion.** But I propose that it is a good and real and sensible idea to consider that each person has their own religion. How could it be else? And this makes possible that these religions make sense within a spiritual reality that we can understand working together.

From Andrius' website

Kirby gave a presentation at the 52 Living Ideas community, and our interaction there brought Jon Brett into the Math 4 Wisdom discussion. He and his wife Yoshimi are the developers of a cognitive framework, **Emergently, which facilitates understanding and decision-making is based on the tetrahedron. Emergently expresses metaphorically how water unifies, fire energizes, earth solidifies and air transforms.** The fact that Jon and I have worked so personally with cognitive frameworks helped us understand each other in ways that I had not succeeded with Kirby. Discussion between the three of us made apparent what I should have realized long ago, which is that **we all have different relationships with the truth.** For Jon, truth is metaphor. His position is understandable because it allows him to apply Emergently as a useful metaphor without having to defend it as literally true. For Kirby, truth is a defensive strategy that keeps him from being attacked as a fabricator, which liberates him to be both truthful and creative. For me, truth is subsumed in absolute truth, and so my strategy is to center myself in absolute truth, and thus align at the source with God's vantage point. Our various relationships with truth suggest that we identify with different locations on the landscape of truth, distinguished by the layers of reality, inside ourselves and out in the world, whatever we take to be real, and so we take up distinct strategies accordingly. **Each of us has valuable experience by which we can try to appreciate the entire landscape of truth.**

From

<https://www.math4wisdom.com/wiki/Exposition/Welcome>

MATH 4 WISDOM

29-30 March 2023 (#100)

*Stressed?
mushrooms, seeds
reflect how they grow
nourished you will be*
Yodimi

On this our 100th meet up - we celebrate who, where and why we are.

Plus Felipe joins in to share that he's still on path in his personal life and endeavors.

Andrius' MATH 4 WISDOM video released today, 31/3/23 Here's Jon wisdom:

<https://youtu.be/ZhTHq9v5DkM?t=1073>

SPACE CAMP SELF-GUIDED

<https://www.bfi.org/programs/trimtab-space-camp/>

DUCK, CHICKEN & COMMS

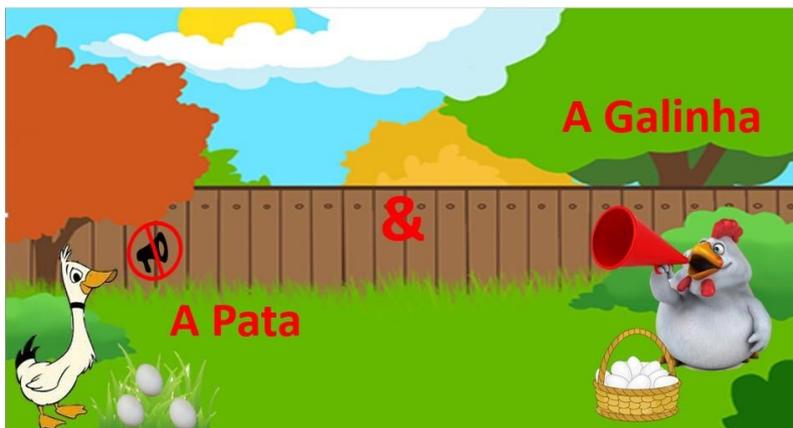
24-25 April 2023 (#102)

"The Fable" of the Duck and the Chicken

Duck eggs are much larger than chicken eggs, but no matter how big and nutritious they are, we are not used to consuming them. Why?

Because when a chicken lays an egg, she cackles loudly for all to hear, shouting to the world that she has finished her work. The duck, on the other hand, lays her eggs in silence, and no one knows where or when she laid them. Thus, by announcing her product to everyone, the chicken gains an audience.

How much are we communicating what we do to reach people who may be interested in our work and collaboration?



NOT A WAKA LOG

23 May 2023

This is more a journal of Yoshimi and Jon's round-the-world learning adventure. (and because this is such a good place to store info)

Yoshimi and Jon have now been on-the-road for 6 weeks celebrating special occasions, eating, drinking and growing relationships. This morning, 13-5-23, Jon tested COVID positive...so now instead of further partying...he sleeps and I can begin to digest the many Tetra/Emergently thoughts that are whirling around. Yay!

Washington DC was not only a wonderful family experience...observing how the kids approached and delivered their GIFT 4 NATURE was a thrill and huge win for Emergently! The road trip Shima (our niece) set context for Ted's (youngest @ 8 yrs) project and was an educational adventure that the 4 adults supremely appreciated. From guided sessions through a regenerative farm (see [Polyface Farm](#)), to hours with Matt the beekeeper, to Will...Mr Oyster Restoration man who has devoted his life to cleaning up the Chesapeake, one river at a time (<https://riverfriends.org/>). Ted donated his \$ here and is now a Friend of the Rappahanock!

We had presentations by:

- Ted (8yrs): Oyster Restoration
- Charles (11): Nature Conservancy
- James (12): Ocean clean-ups
- Emi (15): Geo-thermal Energy

Now in Munich, Germany, we look forward to hearing from:

- Julie (14): Saving the Amazon
 - EQDI (Irena-Trees; Sabine-Bees; Markus-Dolphins)
- Tomorrow we celebrate EQDI's 20th Anniversary! What a journey for these 3 amazing facilitators of change. GIFT 4 NATURE has catalysed them to triple our donation so that each can give to nature in their own way.

Also here in Munich we had wonderful dialogue with Anja from Berlin, currently ready to complete her TetraMap Master Facilitator Cert Course and Gaetan and Stephi who are passionate about supporting holistic change in the workplace...and value TetraMap.

All the above has helped us see more clearly the links and possibilities of integrating TetraMap and Emergently as a creative force for climate action. As we see daily destructive practices and systems that contribute to the climate emergency we face...we also see the daily commitment and hard work millions are doing to shift mindsets and behaviours that serve Nature...thus serve us. It's time to scale up in any way we can...be it one person or one river at a time.

EMBRACING COLLAPSE

22-23 May 2023 (#103)

Embracing collapse and finding encouragement in local actions.

References worthy of a closer look:

[Jem BenDell](#) - Deep Adaptation

Pablo Servigne - Collapsology

Joe Brewer - Prosocial World

Quality of life X Way of living

Desire, consumption and communication: What do we really need?

Guilty does not help!

2 experiences, one in Venezuela and another in Brazil, can show us how getting the neighbors together to change local streams or local urban planning, can be good examples of real life change. Practical actions are fundamental to keep our hopes high!

Even if I knew that tomorrow the world would go to pieces, I would still plant my apple tree.

Martin Luther King

Emergently helps us decide where to plant the tree so it has the best chance to survive if the world does go to pieces.

WEAVING IDEAS & BIOREGIONS

29-30 May 2023 (#104)

“...regenerating nature and culture together is the only way forward.”

Dr Stella Nyambura Mbau, Loabowa Kenya

It was wonderful to hear that Ricardo and Felipe joined in whilst the oldies were away. Seems we've ALL been moving forward even through the stresses and uncertainties that emergencies create.

Last week's WAKA LOG mentions, “Embracing collapse and finding encouragement in local actions.” This sums up HOW we ‘keep standing’! Our role whilst traveling around the world was to LISTEN and, as compassionately as possible, put up a mirror whilst defining the importance of 2 concepts: regenerative dev. and interdependence. There's a lot of pain and frustration post-COVID...exacerbated by the division and fear that tyrannical leaders continue to ferment in the hearts and minds of people who do not know where to turn...who are UNaware of this existential moment in time.

Today's NW session help to crystallise how we might spiral up in our regenerative efforts:

Air: LEARN GLOBAL

Earth: ACT LOCAL

Water: REDEFINE LOCAL

Fire: IMPACT GLOBAL

All of us in NW have been immersed in Air and Earth for the past 2 years. Today we considered what “Redefine Local” might mean. Who, specifically, makes up the “local” that will take us forward? What is the level of awareness and commitment to 2 important values/principles: Regenerative Development and Interdependence?

We'll experiment with this to start our Emergently conversation with NW and those we met on our recent journey. Let's see what emerges!

Worth a listen! <https://soundcloud.com/jem-bendell> “Introduction to Deep Adaptation”

Bendell's framework: the 4 Rs

Resilience: what do we most value that we want to keep and how?

Relinquishment: what do we need to let go of so as not to make matters worse?

Restoration: What could we bring back to help us with these difficult times?

Reconciliation: With what and whom shall we make peace as we awaken to our mutual mortality?

<https://braveneweuropa.com/jem-bendell-the-sustainability-professionals-seven-deadly-sins-of-denial>

Interesting perspective: Consider ‘bioregions’ https://medium.com/@joe_brewer/weaving-the-bioregions-of-earth-9aa678d470

REGEN LEADERSHIP & CHICKEN LEGS

5-6 June 2023 (#105)

*To let come
Let go
Yodimi*

<https://www.regenerativeleadership.co/about-us>

[GET CHAPTER 1 FOR FREE HERE](#)

Interview: <https://trodgersjohns.medium.com/more-and-more-people-in-the-field-of-sustainability-are-recognising-that-we-need-to-learn-from-ffb3a9a2c986>

Whereas sustainability comes from the Latin 'sustinere', meaning to maintain, regeneration means to repair or renew.

There are SO many initiatives and collectives that endeavor to regenerate communities, economies and Nature. Here's just one, Gaianet that may give you hope:

<https://vimeo.com/showcase/10072134>

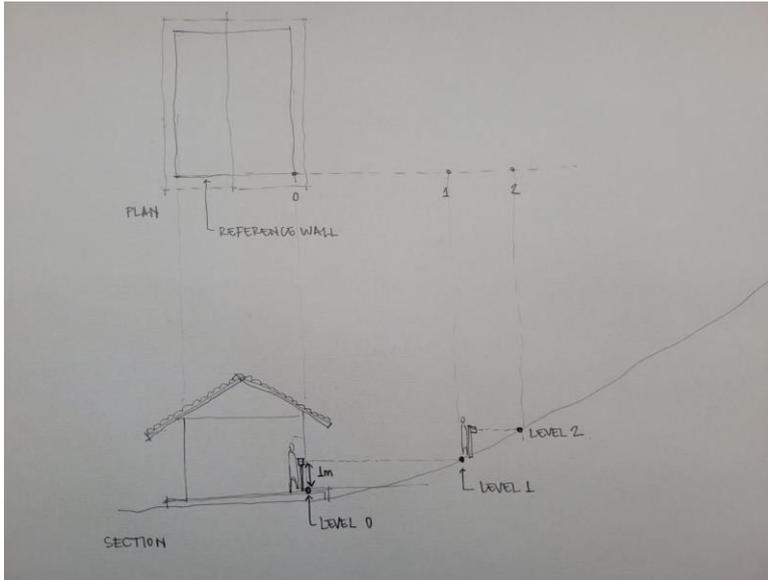
<https://www.gaianet.earth/mission> Includes a "Support line". Ricardo, have a look, maybe just an initial conversation might help...you'll recognise some of the member orgs. Consider the questions they ask eg...what is it that you NEED right now?

How to measure the level of a terrain:

Materials:

- [Wood sticks](#)
- [Laser level](#) (or transparent hose)
- Wooden board with 1m height
- For the "Chicken legs" (A-frame): 2 long pieces of wood, screws, bubble level (or rope and a piece of rock or any other heavy material).

1. Starting from a reference line (which can be a direction, e.g., east-west, or the side of something already built), we mark points with a 1-meter difference in elevation using a laser level attached to a 1m height wood (but it can also be done with a [transparent hose and water](#)).



2. Then, place the "chicken legs" (A-frame level) on each level and mark all the points on the terrain that are at the same level. See how to do it [HERE](#) and [HERE](#).



3. After placing the markers every 2 meters (which is the distance between the feet of the A-frame), you can connect them with a string to better visualize the contour lines.



EMERGENTLY PROCESS

11-12 June 2023 (#106)

“Unlike “pure” science which sometimes claims to be value-free, design science is value-laden. Design is the development of structuring of environments in preferred directions. Our preferred directions, ‘where we want to go,’ are determined by our values...”

Medard Gabel, Ho-Ping: Food for Everyone

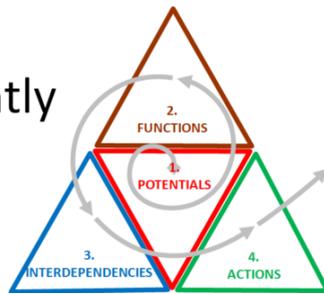
Emerging Gently from Emergency

Emergency is the Universe reminding you that YOU must change.

What is your most pressing emergency at this moment?

Focusing on this, explore the Emérgently Process...

Emérgently
Process
Phases



1. Potentials

Contexts What is the current state surrounding your emergency? What's...	
1.1 Energising (or not)	
1.2 Solidifying (or not)	
1.3 Unifying (or not)	
1.4 Transforming (or not)	

Potentials (What is the positive potential of each context?)	
1.5 Energising	

1.6 Solidifying	
1.7 Unifying	
1.8 Transforming	

2. Functions

Functions (How/what does the emergency require me to Energise? Solidify? Unify? Transform?)	
2.1 Energise	
2.2 Solidify	
2.3 Unify	
2.4 Transform	

3. Interdependencies

Interdependencies (How/what does the emergency require me to <i>both</i> Unify <i>and</i> Energise, etc?)	
3.1 Unify & Energise	
3.2 Unify & Solidify	
3.3 Unify & Transform	
3.4 Transform&Energise	
3.5 Energise & Solidify	
3.6 Solidify & Transform	

4. Actions

Actions (What actions will strengthen the interdependencies?)	
4.1 Unifying & Energising	
4.2 Unifying & Solidifying	
4.3 Unifying&Transforming	
4.4 Solidifying&Energising	
4.5 Energising&Solidifying	
4.6 Solidifying&Transforming	

Feedback (How will you get feedback and improve your actions?)	
4.7 Unifying & Energising	
4.8 Unifying & Solidifying	
4.9 Unifying & Transforming	
4.10 Solidifying & Energising	
4.11 Energising & Solidifying	
4.12 Solidifying&Transforming	

TRUST

22-23 June 2023 (#107)

Leadership thrives through cultivating both 'Self-Awareness' and 'Systemic Awareness': we are able to serve life attuned to nature's wisdom.

Hutchins & Storm, Regenerative Leadership, pg 88

TRUST in your TRUTH and the PROCESS of regeneration.

Even though it is commonly thought you shouldn't show vulnerability or weakness, Alex decided to speak the truth. If he had tried to keep it to himself, nobody would have helped!

It's the time that you show vulnerability that help comes.

When I started to put myself in the system, not as something outside, analysing the system, I guess I was more open to trust the process.

Luciana

To let come,

let go.

Yodimi

Indigenous wisdom

Nature is.

Yodimi

If we let go of ego, (while still honouring Nature) the ecology (Nature) will ensure regeneration.

A day without laughter

Is a day wasted.

Winnie the Pooh

EARTH SYSTEMS SCIENCE

29-30 June 2023 (#108)

Designing for evolution doesn't mean designing evolution. Evolution is an emergent process – one that arises out of multiple interactions among living beings and their environment...we can create evolution-friendly conditions.

Pamela Mang and Bill Haggard, 2016. Regen dev specialists

Worth viewing and remembering:

- <https://www.youtube.com/watch?v=fttSe4OcyIs> Joe Brewer: Earth Systems Science
- From our Waka Log: #19 LISTEN OR SUFFER <https://www.gvix.org/>
- Attributes of a Regenerative Leader (Some from *Regenerative Leadership* by Hutchins and Storm)
- Thinks systematically
- Births life-affirming, regenerative futures
- Tames ego
- Recognises and is aware of below-the-line behaviours and mindsets
- Is self-aware
- Embraces life as a learning journey
- Deals with adversity with grace and humility
- Seeks wisdom in uncertainty and from Nature
- Senses synchronicities
- Asks more questions than gives answers
- See self as part of the whole and recognises the connections and interdependencies
- Work inwards and outwards
- Hold the space for dialogue
- Stay open for emergence
- Trust self and create contexts for trust in people, systems and process.

TETRAMAP EMERGENTLY INTEGRATION

6-7 July 2023 (#109)

*There is a crack in everything,
That's how the light gets in.*

Leonard Cohen

See www.emergently.net/projects: Integrating TetraMap and Emergently for the step-by-step process.

Green gentrification considerations: Financial; Social; Nature 'invades' the city; affordable housing; analogous w/ colonisation, environmental racism, etc. Consider how 'urban greening' widens the \$\$ and social gaps and how developments greenwash to get plans through. Consider whole-systems approaches to greening our cities.

Adaptation Plans: where are these missing (eg eco-villages; intentional communities) and who/how can such plans be integrated into design and development?

Isabelle Anguelovski is a researcher in the field of Climate Justice. It is worth to check her work at the [Barcelona Lab for Urban Environmental Justice and Sustainability](http://www.bcnuej.org/Barcelona%20Lab%20for%20Urban%20Environmental%20Justice%20and%20Sustainability)

<https://www.bcnuej.org/isabelle-anguelovski-bio/>

FACILITATING ACTION

13-14 July 2023 (#110)

Nature's Wisdom is Love, pure and simple. Regenerative Leadership is living and leading with Love. Love creates conditions conducive for life. Love feeds on and grows from Love. Love breeds virtuous cycles.

Hutchins and Storm, Regenerative Leadership page 324

Facilitating Action:

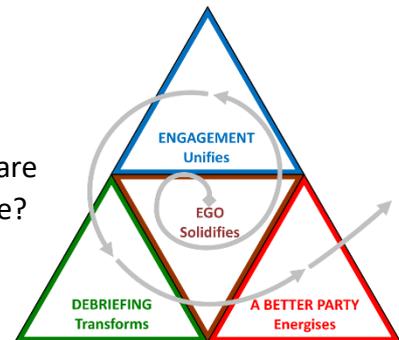
(All Elements are interdependent.)

EGO Solidifies: first, we must meet the audience where they are at. Understand their ego, what drives them, what do they love? Build on that solid foundation.

ENGAGEMENT Unifies: find a way to unify your message with their drivers so they will join you on a journey.

DEBRIEFING Transforms: debrief so the audience see themselves illustrating the principles and how they can transform.

A BETTER PARTY Energises: What is the light at the end of the tunnel? What is the energiser that will appeal to their egos?



DEEP ECOLOGY

27-28 July 2023 (#111)

To pull serendipity

Trust.

Yodimi

Deep Ecology: ...based in the belief that humans must radically change their relationship to nature from one that values nature solely for its usefulness to human beings to one that recognizes that nature has an inherent value. <https://www.britannica.com/topic/deep-ecology>

Before any intervention, how might we engage learners to DEEPLY understand that...

1. Nature IS the original 'indigenous wisdom'
2. PRECESSION is an important generalised principle to help us design regenerative futures.
3. All development must be REGENERATIVE.
4. Our ego becomes eco: Shift from what "I need" to what "the ecosystems need."

Overarching questions:

- What systems have we created that incentivise degenerative outcomes?
- What systems has Nature created that incentivise regenerative outcomes?
- *Mind the gap...*

AI-ANCESTRAL INTELLIGENCE

3-4 August 2023 (#112)

Youth
Our greatest superheroes
Embolden them
Our greatest hope
Yodimi



GREAT meeting of hearts and minds! Shared stories.

A wonderful example of:

Learn Global - Act Local - REDEFINE LOCAL - Impact Global

The time of the 'reclamation of indigenous wisdom' has come. We seem to be working interdependently:

Rename

Reclaim

Re-energise

Regenerate

By

Remembering

Re-learning

Re-storying

Responsibility

Jade's comment: Agree Jon, emerging understanding of quantum physics does align with Te Ao Māori, in the sense that everything is one and the same, interconnected, cannot be separated by space or time. The western world has trained us to think of space and time as linear, but they are not. Aunty Kataraina just expressed that incredibly through showing how memories and ancient wisdom can be accessed and tapped into at any time, through memories and energy.

Jade: 3 important principles for system change:

1. Create systems where people connect with Nature based on shared Values and Principles
2. Acknowledge our ancestry to connect us back to our creation story. Carry on within the natural system.
3. We all hold collective responsibility to sustain Natural Law.

Jade's ref: Indigenous wisdom

1. Design for perpetuity
2. Create non-human-centric systems
3. Intentional habitat expansion
4. Tap into and align ourselves with the forces of Nature.
(*May the natural force be with you. Yodimi*)

Refs

Maramataka: Maori New Year: a new way of looking at time and space through the lens of the moon and tides. A re-surgence and re-energising of Maori culture. [Maramaka & Te Papa](#) (Museum of NZ)

Yuval Harari: "Unstoppable Us":

https://www.youtube.com/watch?v=flQiPH_IFcl

What are our replacement stories?

Climate Safe Villages: <https://www.climatesafevillages.org/>

The challenges of preparing for our future.

The fossil-fuel industry: our greatest climate challenge?

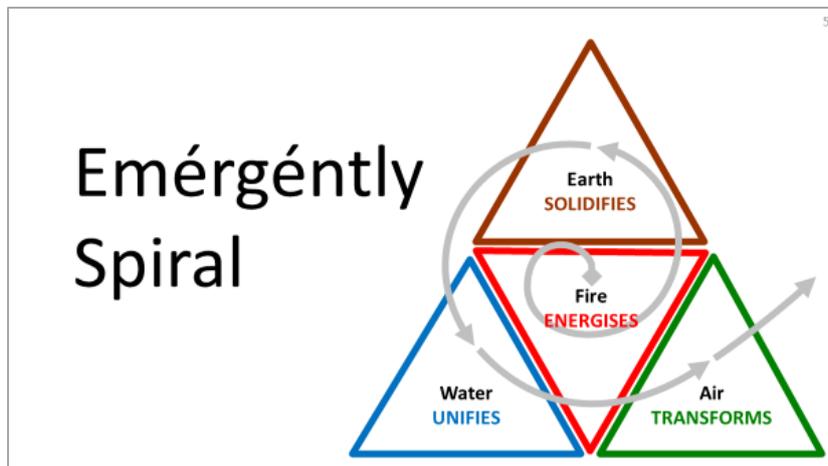
https://www.joboneforhumanity.org/learn_about_global_warming_and_climate_change

EMERGENTLY MILESTONE!

10-11 August 2023 (#113)

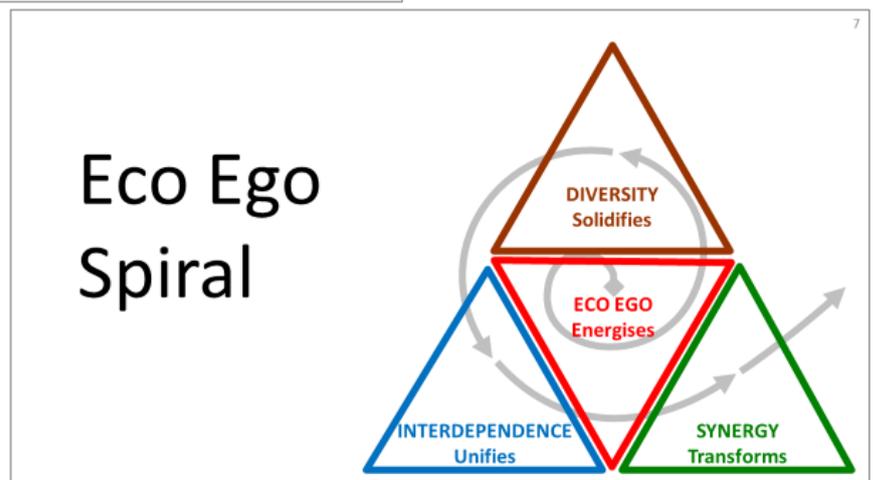
*regeneration
transformational shifts
unfold, spiral
emerge!
Yodimi*

Emérgently's latest spirals: Facilitated with Kataraina Pipi for whanau (families) on the East Coast, Aotearoa. Members are in dispute re: a hearing in late August to determine WHO will hold Customary Marine Rights to the tribal sea/land area. Hearts and mindsets (!) shifted as Emergently was explained. The soil was seeded by Kataraina...so much so that, by the time Y&J showed up, tribal members were open, eager to learn, ready to shift and take action!



Significant!!

This experience triggered affirmation and focus:
AI= Ancestral Intelligence.



Emérgently's path spirals

toward a stronger connection with Kataraina Pipi, Jade Gibson and their networks.

Connections between us have emerged...as well as the development of Emérgently's kaupapa (purpose) that include Peace and Healing. There'll be more... watch Emérgently develop @ emergently.net

LUCIANA IN AOTEAROA

17-18 August 2023 (#114)

*Emérgently
Nature's principles
Emerge gently
Yodimi*

LUCIANA goes to Aotearoa:

SO many connections made - stories - lessons learned - opportunities!



Welcome Sukiyaki Dinner with Karen Walmsley.



ONLY an Air Element peels to create a beautiful chook...



Lunch on the deck: Kataraina, Luciana, Jade, Jon, photographer Yoshimi...and the view!

EMERGENTLY DEVELOPS:

Nature's principles: Interdependence - Diversity - Synergy - Precession

EGO to ECO and RESPONSIBILITY = transformation!!

TetraMap and Emergently add value atop Kataraina's incredible facilitation with whanau groups @ Tokumaru Bay. Watch the meeting recording...and this space for how this story emerges.

When asked a tough question:

(must be preceded by facilitation of the Emergently Spiral: Eco Ego to Diversity to Interdependence to Synergy: www.emergently.net)

Example question: With all due respects to the creators of that modl, why are you not using our indigenous frameworks and models?

1. If you've yet to facilitate the above, "park" the question on a sticky note and ask to be reminded of the question after the "Eco Ego" concept has been facilitated.
2. "Thanks for the question... Do you think your question was ego-centric or eco-centric?"
3. If ego-centric. What is ego saying about the 'superiority/specialness' about your homegrown model? What is your ego missing about an ecological, holistic view of possible solutions?
4. If eco-centric. How might considering Nature's principles of diversity, interdependence and synergy help us to **embrace** the diversity, rather than question the value of different mindsets?

SEED SPIRALS

7-8 September 2023 (#115)

*Think, feel, explore, imagine
know
There are no mistakes
Yodimi*

“Solve et coagula” — Separate and Join Together (or “dissolve and coagulate” in Latin) is a medieval alchemy quote, which is to say that nothing new can be built if not before we make space, breaking the old.

SEED SPIRALS: <https://emergently.net/spirals>

NUWAO: <https://nuwao.org.nz/>

Luciana, Karen, Jon and Yoshimi met w/ Maibritt of NUWAO. Demonstration of the significance of AI (Ancestral Intelligence) and supporting indigenous cultures to ‘do it for themselves’.

What we’ve learned:

- Learn Global - Act Local - REDEFINE LOCAL - Impact Global
We are all doing this with the Redefinition of LOCAL focussing on what we can do ‘here’ and now with the information we have been gathering for years.
- Simplify
- Float - trust
- *There are no mistakes*

DEGROWTH

21-22 September 2023 (#116)

In order to find your way, you must become lost.

Bayo Akomolafe

#43 I Am a Seed: Bayo Akomolafe and Chief Oluwo

<https://we.scienceandnonduality.com/podcasts/sounds-of-sand>

We attended this conf: <https://www.degrowth.nz/> Day 2 was best and will hopefully be posted soon. Most interesting was creator of “The Great Simplification” [Nate Hagans](#)

DEGROWTH might be our best hope for future gens. This movement will require a massive humanitarian shift from Ego to eco. Good luck!

Yodimi’s Age Spirals of Purpose

- 0 years strive to survive- ego-centric
- 12: strive to thrive- ego-centric
- 24: survive to thrive- ego-centric
- 48: thrive to provide- family-centric
- 72: provide to thrive- community-centric

TE AGRADECE!

5-6 October 2023 (#117)

*let go
always connected
we are
Yodimi*

Our last meeting...for awhile. Moving on...

- Luciana to Paris
- Alex to the Amazon...then Paris
- Ricardo to Colombia (?)
- Yoshimi and Jon to raising Emérgently

Some key concepts that have permeated through our almost 3 year relationship!

Integrity - to hold its shape. Oneness. Whole. Integrity in our values, the way we live our values in the world, our preparedness to hold ourselves and others accountable for our values and beliefs, to create cultures and communities where value and respect are always expressed towards Earth and all her creatures, regardless of physical appearance or difference, and to design systems and structures that enable people to be fully their Pattern Integrity without ecological offense or the disadvantage of anyone.

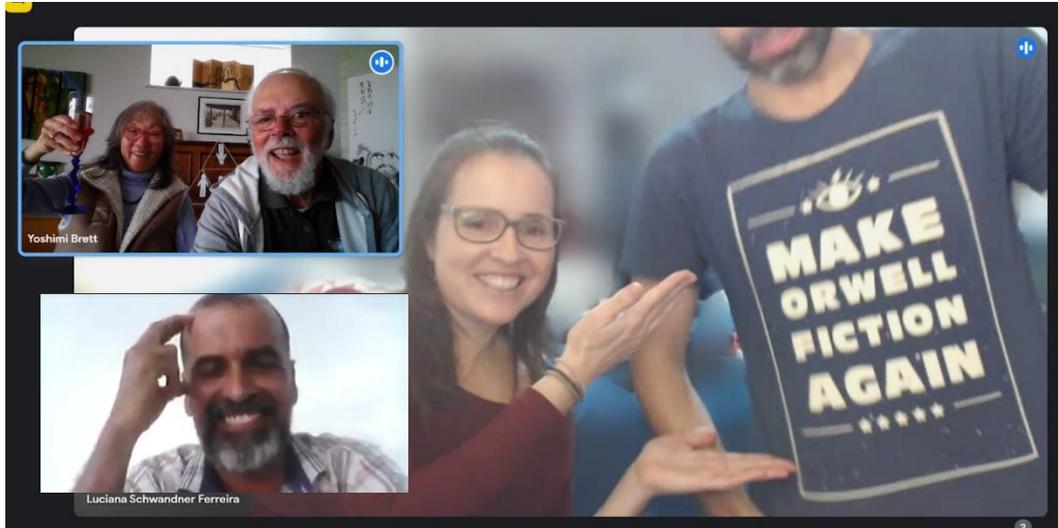
Christine McDougall, a true, heartfelt Bucky-ist.

<https://syntropic.world/>

Life runs on sunlight. Life rewards cooperation. Life builds from the bottom up. Life banks on diversity. Life recycles everything. Life builds resilience through diversity, decentralization, and redundancy. Life optimizes rather than maximizes. Life selects for the good of the whole system. In short, life creates the conditions conducive to life.

Biomimicry: Innovation Inspired by Nature, Janine Benyus

Thank you, dear Luciana, Alex, Ricardo, Felipe, our guests and mentors on this incredible 3 year journey. Thank you BFI and for ALL those we met...and continue meeting... because of how you've catalysed the connections of the thousands committed to "making the world work."



Nature wisdom and Emérgently will continue to evolve. Each one of us will continue to learn, apply, create and transform.

www.emergently.net is a touchstone

Visit – revisit and watch the emergence of peace, healing and our return to Nature.

CLIMATE INITIATIVES, SOLUTIONS AND OPPORTUNITIES

We have ALL the solutions, technology, data, wisdom needed to address the climate emergencies we face. What we have yet to figure out is how we convince human nature to work with itself and Nature. When we heal ourselves, we heal Nature and “make the world work for 100% of humanity and the planet” (RBF)

Below are links to informative, transformational projects that emerged from at our Nature Wisdom meetings and SPACE CAMP. They will give you hope, tools & inspiration to build the critical mass of change agents we need to design a safe, healthy, just future for ALL of life.

SPECIAL SUMMIT ON CLIMATE CRISIS 2023

<https://www.commondreams.org/news/2022/12/20/effort-move-needle-un-chief-announces-special-summit-climate-crisis>

SUMMIT CLIPS AND OUTCOMES

- [Overview: https://www.un.org/sg/en](https://www.un.org/sg/en)
- [Start at 3:13:03 for Chile's 3 min presentation: https://media.un.org/en/asset/k1v/k1v3solz9d?_gl=1*14yulgg*_ga*N_Dg5NDUxMTYxLjE2OTY4MjYzNTc.*_ga_TK9BQL5X7Z*MTY5NzE0NTgzNC4yLjEuMTY5NzE0NjA0Mi4wLjAuMA..](https://media.un.org/en/asset/k1v/k1v3solz9d?_gl=1*14yulgg*_ga*N_Dg5NDUxMTYxLjE2OTY4MjYzNTc.*_ga_TK9BQL5X7Z*MTY5NzE0NTgzNC4yLjEuMTY5NzE0NjA0Mi4wLjAuMA..)
- https://www.un.org/sites/un2.un.org/files/climate_ambition_summit_-_20_september_2023_-_chairs_summary.pdf

Here's the last paras of the Overview Conclusion report: Wonderful presentations and some excellent initiatives and messages shared. Eg, Chile, Barbados, California However... note where COP28 is being held and who leads the process. (Dubai, in the United Arab Emirates (UAE) led by DR. SULTAN AHMED AL JABER) ...both questionable but watch this space.

The way forward:

During the Summit's closing plenary, the representative of the Pacific Island Youth urged participants to respond to demands for climate justice voiced on the streets and in tribunals; the Incoming COP28 President said he hoped that COP28 would deliver progress on closing the mitigation gap by phasing down fossil fuels while phasing up “zero carbon alternatives”, tripling renewable energy by 2030 while “supercharging” investments in battery storage and energy efficiency. 15. In his concluding remarks, the Secretary-General welcomed the countries, cities, regions, businesses that are already fully aligning their strategies, policies

and investments with the 1.5 °C goal Some asset owners and other financial institutions are already aligning their strategies or their portfolios with a 1.5 °C strategy. The Secretary General called the Summit a “Summit of Hope”: if these “first-doers and movers” can do it, everybody can do it by 2030 to reach not only the climate but also the Sustainable Development Goals. The Summit showcased a way forward: the alignment of sectoral, local national and international plans policies with credible and science-backed targets to accelerate decarbonization, more climate justice and fairness, unprecedented levels of coordination and cooperation, a renewed focus on credibility and accountability. 16. This global and cooperative way forward could be next discussed internationally in the context of the Global Stocktake at COP28.

WORTHY MOVEMENTS (just a few of millions!)

[Degrowth](#)

[Common Ground](#) Their [Documentary](#)

[Playing for Change](#)

[Buckminster Fuller Institute](#)

Nature Wisdom Team Links

Nature Wisdom initial website (TBD but meet Luciana & Alex, Team Leads)

<https://sites.google.com/view/naturewisdom>

An ecovillage project that Luciana & Alex support and contribute

<https://terraluminous.eco.br/en/home-3/>

Ricardo’s original website for his agro-forestry project. (There has been a project shift but you can meet him and his earlier dreams here)

<https://sites.google.com/view/arbolaria-tropical/home>

Yoshimi and Jon – their projects:

emergently.net

tanglewood2.net

ZENET100.com

WHOLE SYSTEMS THINKING AND DOING

[Syntropic World](#) Christine’s understanding and integration of Bucky’s wisdom comes to life here with her practical, transformational applications to real life.

[The Great Simplification](#) w/ Nate Hagans

[One Earth](#) One Earth is a nonprofit organization working to accelerate collective action to solve the climate crisis through groundbreaking science, inspiring media, and an innovative approach to climate philanthropy.

[longnow.org](#) Great way to consider the future.

Nicky Case on Whole Systems thinking:

<https://longnow.org/seminars/02017/aug/07/seeing-whole-systems/> (80mins)

Tamsin Woolley-Barker, author TEEMING: <https://www.youtube.com/watch?v=RCOuj-hromE> (1hr + Q&A)

Whole Systems Design and Buckminster Fuller

<https://landbyhand.org/whole-systems-design-buckminster-fuller/>

Lauren Minis: <https://regeneratechange.com/>

YOUTH ACTION

Clover's "[Force of Nature](#)"

Crowd Doing is a joint initiative of Reframe It Inc. and Match4Action Foundation that is focused on helping address the UN Sustainable Development Goals and beyond through micro-leadership, massively multi-disciplinary collaboration, and service learning to support social innovation and social enterprise to achieve systemic change.

<https://www.crowddoing.world/>

What is SolarPunk?

<https://earth.org/solarpunk/>

<https://spaceshipearthmissionlog.substack.com/p/mission-log-1-bobby-fishkin#details>

ECOLOGICAL REGENERATION

Luciana: We gathered these resources during the course in our EDE design group. If there is any special interest on any of these topics to discuss, i am available.

<https://docs.google.com/document/d/1x7xkWCz7AxEl...>

[Maori Legal Systems and the Commons](#) (40min keynote + excellent Q&A)

Matariki ends her keynote with: ***We are Nature. We are part of this living system. We need to fall back in love with that. We need to stop being so disconnected and we need to remember who we actually are.***

CORPORATE

Drawdown Labs is Project Drawdown's private sector testing ground for accelerating the adoption of climate solutions quickly, safely, and equitably.

<https://drawdown.org/programs/drawdown-labs>

Reinvent your organisation: <https://theready.com/>

NATURE'S SOLUTIONS

<https://biomimicry.org/>

<https://asknature.org/>

TRANSFORMATIONAL ECO PROJECTS

<https://ecosystemrestorationcamps.org/foundation/>

<https://terraluminous.eco.br/en/home-3/>

COMMUNITY

An excellent model of community commitment to REDUCING WASTE!

<https://xtremezerowaste.org.nz/>

<https://ecovillage.org/> **Vision** The Global Ecovillage Network envisions a world of empowered citizens and communities, designing and implementing their own pathways to a sustainable future, and building bridges of hope and international solidarity.

GREEN BUILDING

Yoshimi & Jon Brett's Living building journey: tanglewood2.net and ZENET100.com

The Future of Cities: <https://focities.com/>

<https://living-future.org/>

THE ARTS

<https://www.designscience.studio/designscience>

<https://filmsfortheplanet.com/>

[Playing for Change](#)