

From: [Monica Zazueta](#)
To: [Jenna Kay](#)
Cc: [Sylvia Ciborowski](#); [Dana Hellman](#); tlunford@parametrix.com; [Amy Koski](#); [Nicole Metildi](#); [Ben Duncan](#)
Subject: Sequestering CO2 with native plants picture attached
Date: Friday, March 29, 2024 7:38:37 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image003.png](#)

On Fri, Mar 29, 2024, 7:08 AM Jenna Kay <Jenna.Kay@clark.wa.gov> wrote:

Got it Monica.

Thanks,

Jenna



Jenna Kay she/her/hers
Planner III
COMMUNITY PLANNING

564.397.4968



From: Monica Zazueta <zazuetamonica0813@gmail.com>
Sent: Thursday, March 28, 2024 6:09 PM
To: Jenna Kay <Jenna.Kay@clark.wa.gov>
Cc: Sylvia Ciborowski <sciborowski@kearnswest.com>; Dana Hellman <dh@capastrategies.com>; tlunford@parametrix.com; Amy Koski <Amy.Koski@clark.wa.gov>; Nicole Metildi <nmetildi@kearnswest.com>; Ben Duncan

<bduncan@kearnswest.com>

Subject: Re: Vision statement wording

Specific climate resiliency policies tailored for Vancouver, Washington, could include:

1. **Floodplain Management**: Enhancing floodplain management regulations to reduce the risk of flooding and protect vulnerable areas, including updating flood maps and implementing stricter development guidelines.
2. **Forest Management**: Implementing forest management practices to mitigate the risk of wildfires, such as controlled burns, fuel reduction projects, and community wildfire protection planning.
3. **Stormwater Management**: Investing in green infrastructure projects to improve stormwater management, such as rain gardens, bioswales, and permeable pavement, to reduce urban flooding and water pollution.
4. **Heat Island Reduction**: Implementing measures to reduce the urban heat island effect, such as increasing tree canopy coverage, promoting cool roof initiatives, and incorporating heat-resilient landscaping in urban planning.
5. **Building Retrofit Programs**: Establishing programs to incentivize the retrofitting of existing buildings to improve energy efficiency, enhance structural resilience, and reduce vulnerability to extreme weather events.
6. **Community Emergency Preparedness**: Enhancing community emergency preparedness efforts, including public education campaigns, community-based training programs, and the development of neighborhood emergency response teams.
7. **Climate-Resilient Infrastructure**: Incorporating climate resilience considerations into infrastructure planning and design, such as designing roads, bridges, and utility systems to withstand extreme weather events and sea-level rise.
8. **Natural Habitat Restoration**: Investing in the restoration and protection of natural

habitats, such as wetlands, forests, and riparian zones, to enhance ecosystem resilience and provide natural buffers against climate impacts.

9. ****Local Food Security Initiatives****: Supporting local food security initiatives, such as community gardens, urban agriculture programs, and partnerships with local farmers, to increase food resilience in the face of climate-related disruptions.

10. ****Climate Adaptation Planning****: Developing a comprehensive climate adaptation plan that outlines specific strategies, targets, and timelines for building resilience across various sectors, with regular updates and stakeholder engagement to ensure effectiveness and relevance.

On Wed, Mar 27, 2024, 8:49 AM Jenna Kay <Jenna.Kay@clark.wa.gov> wrote:

Thanks Monica, confirming receipt.



Jenna Kay she/her/hers
Planner III
COMMUNITY PLANNING

564.397.4968



From: Monica Zazueta <zazueta_monica0813@gmail.com>

Sent: Wednesday, March 27, 2024 8:44 AM

To: Jenna Kay <Jenna.Kay@clark.wa.gov>

Cc: Sylvia Ciborowski <sciborowski@kearnswest.com>; Dana Hellman <dh@capstrategies.com>; tlunsford@parametrix.com; Amy Koski

<Amy.Koski@clark.wa.gov>; Nicole Metildi <nmetildi@kearnswest.com>; Ben Duncan

<bduncan@kearnswest.com>

Subject: Vision statement wording

We must create conditions conducive to life.

Creating conditions conducive to life involves various factors, including environmental sustainability, access to resources, social equality, and technological advancements. It requires efforts in areas such as renewable energy, conservation, education, healthcare, poverty reduction, and promoting peace and cooperation among nations. By prioritizing these aspects, we can work towards ensuring a thriving and sustainable future for our communities and all life on Earth.

On Tue, Mar 26, 2024, 9:37 PM Monica Zazueta <zazueta_monica0813@gmail.com> wrote:

<https://asknature.org/>

On Tue, Mar 26, 2024, 9:30 AM Monica Zazueta <zazueta_monica0813@gmail.com> wrote:

Biomimicry in action (Janine Benyus | TEDGlobal 2009)

17 minute 22 second video

<https://go.ted.com/6Rpe>

On Thu, Mar 21, 2024, 1:48 PM Monica Zazueta <zazuetamonica0813@gmail.com> wrote:

Transparent Solar Panels | Michigan State University

Turn solar farms into solar cities

3 minute 31 second video

https://youtu.be/qMhdpWMDp04?si=_Qnl-JZAhAfvUCx

~You must always be willing to truly consider evidence that contradicts your beliefs, and admit the possibility you may be wrong. Intelligence isn't knowing everything, it's the ability to challenge everything you know. Let's all give up our fear as a justification for not to take action because we are the creators of our reality.

Sending healing vibes
Monica Zazueta
Concerned Mum

360-723-7707

Sharing energy,

1.

Doughnut Economics 7 Ways to Think Like a 21st Century Economist
by Kate Raworth

Free digital copy of the book,

<https://fenix.tecnico.ulisboa.pt/downloadFile/845043405579281/Raworth%20%282017%29%20Doughnut%20Economics.pdf>

2.

29 minute video explaining Doughnut Economics

"How radical ideas can turn into transformative practice. Stockholm impact week 2023"

<https://youtu.be/qwyzsAWRMcw?si=Hut8czYBLqAjOBpb>

3.

Nate Hagens: "Episode 100 - The Great Simplification"

<https://youtu.be/GocuMZX3hIs?si=impadsCjN-aGZzk0>

On Wed, Mar 20, 2024, 11:49 AM Monica Zazueta
<zazueta_monica0813@gmail.com> wrote:

NEW TECHNOLOGY CAN HEAT AND COOL YOUR HOUSE USING
NOTHING BUT AIR

With energy prices rising rapidly, a new startup could have the answer - technology that harnesses energy from fluctuations in humidity to cool and heat buildings at half the current price.

July 6th 2022

<https://www.israel21c.org/new-technology-can-heat-and-cool-your-house-using-nothing-but-air/>

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<https://youtu.be/GocuMZX3hIs?si=impadsCjN-aGZzk0>

On Tue, Mar 19, 2024, 11:48 PM Monica Zazueta
<zazuetamonica0813@gmail.com> wrote:

More thoughts,

1.

When community members don't recycle properly they get 4 notices saying

they will be fined if they do not recycle properly. If they receive all 4 notices with little or no change in their recycling habits they will be notified that someone from the Recycling Management will come and show them how to recycle properly. If after they still do not recycle properly they will start getting fined and or their recycling and trash service will be suspended until they properly recycle.

There should be handouts of the proper recycling ways with pictures delivered to each household by mail with 'IMPORTANT RECYCLING CHANGES' written on it and there should be multiple different social media posts about the changes and The Columbian needs to write an article about it I believe.

2.

Arrows on the ground to trash and recycling containers. The containers must have words and pictures on them showing what goes in each slot for disposal. These need to be in business, libraries, schools, jail, parks etc. There also needs to be compost bins at each location.

*There needs to be people hired for the upkeep and to deliver each ,waste, compost, recycled materials to their proper facilities.

Ridwell has a system that comes to your home for a fee but either we can partner or try our own way of doing it but you can get some examples of how they are doing it on their webpage,

<https://www.ridwell.com/>

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<https://youtu.be/GocuMZX3hIs?si=impadsCjN-aGZzk0>

On Tue, Mar 19, 2024, 4:18 PM Monica Zazueta
<zazuetamonica0813@gmail.com> wrote:

Also wanting to add,

That there needs to be a paradigm shift with the workers and the people who own the business. The business would be nothing without the workers. I truly believe that workers need to be paid their value and that workers should have ownership in the business so that they feel like they actually belong instead of just "worker bees". You want people to feel included then include them in all aspects. Then it wouldn't just be the "worker bees" getting paid minimum wage struggling to survive and the "bosses" making the majority of the money, it would be everyone's the boss.

No one is above or below anybody else and I truly believe that should be reflected in the way we conduct business as well.

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Nate Hagens: "Episode 100 - The Great Simplification"

<https://youtu.be/GocuMZX3hIs?si=impadsCjN-aGZzk0>

On Tue, Mar 19, 2024, 2:09 PM Jenna Kay <Jenna.Kay@clark.wa.gov> wrote:

Thanks Monica, confirming receipt

From: Monica Zazueta <zazuetamonica0813@gmail.com>
Sent: Tuesday, March 19, 2024 1:25 PM
To: Amy Koski <Amy.Koski@clark.wa.gov>; Jenna Kay <Jenna.Kay@clark.wa.gov>; Nicole Metildi <nmetildi@kearnswest.com>; Ben Duncan <bduncan@kearnswest.com>
Subject: Community assets list, my additions

EXTERNAL: This email originated from outside of Clark County. Do not click links or open attachments unless you recognize the sender and know the content is safe.

1.

Economic development

- Job guarantees

We need to rethink the type of jobs that we have here locally. What do we really need to survive, nature, food, water.

Farming needs to be something that needs to be taught, implemented and free education to anyone who wants to learn.

There needs to be paid positions for farming.

There needs to be outreach to the homeless, to students, to individuals in inpatient and outpatient drug and alcohol treatment, individuals in mental health treatment and organizations like the Recovery Cafe and the Recovery resource Center in Hazel Dell and to anyone who wants to

learn.

There needs to be a paid positions for tree planners, tree upkeep, and green space upkeep.

- We need 'Maker Space's' where there is access to a 3D printer, access to blueprints to products and access to free Wi-Fi where the community can come together and build together, replace and repair parts of things they're using.

- We need a hemp refinement facility to make hemp products locally. Rope, clothing, hempcrete are just some of the examples of things we can make here locally.

<https://en.m.wikipedia.org/wiki/Hemp>

- Hemp Batteries Last 8X Longer than Lithium, Outperforming Graphene for 1000th of the Cost

Extension La Crosse County

University of Wisconsin-Madison

<https://lacrosse.extension.wisc.edu/2022/07/07/hemp-batteries/>

- Geothermal energy

<https://geothermal.tech/#:~:text=Geothermal%20Technologies%20innovative%20technologies%2C%20when,world%2C%20for%20decades%20t>

[o%20come.](#)

- We need to train more people to be bus/train drivers. We need to give people a second chance of getting their license back and not making it so expensive where they can't live/pay for rent/food/all other living expenses and pay for getting their license back. There needs to be a different system that what's in place now because there's so many people that cannot afford the high expenses of getting their license back.

- Introduction to Regenerative Design

3 minute 22 second video

https://youtu.be/OY0meOEzifI?si=1_bkaycS-XfxFTpn

2.

Agriculture

- <https://www.uniteddesigners.org/practice-areas>

ASSESSMENT

DESIGN and PLANNING

Assessment is often the most crucial component of the United Designers' process, depending on the scale and purpose of the project and the desires of the client.

Assessment and Analysis are executed with a range of tests and observations. Soil and water research are conducted via field observation and laboratory testing. Climate and climate change, precipitation rates, local and area demographics, land-form and geology, are all documented and taken into consideration. Inventory is made of buildings and infrastructure, hardscapes in general, existing or desired patterns of access and circulation, all hydrological systems, tools and existing resources. Existing ecological habitats (flora and fauna), zones of human use and activity, patterns of sun and shade, useful micro-climates, and soil fertility and management, are also evaluated.

Working with geospatial information supplied by satellites and aircraft, United Designers is able to accurately locate and label elements on the landscape. Each feature is assessed and measured as the data is recorded in the UD process. High-resolution imagery is used to quantify hydrologic characteristics of watersheds and stream beds. Groundcover and cultural practices on the land are also identified for further on-site investigations. A mosaic of data points and graphical mapping done by United designers is essential to the design process, regenerative agriculture, and ecological restoration.

With assessments, UD is neither confined to a digital research trajectory nor bound solely to the groundwork, striking a balance of both. In the best cases, one rises and lays with the sun, living the project on site for a number of days or weeks, again depending on the scale. In-depth interviews with the landowners or caretakers are indispensable. It is a shared process that requires patience and observation where awareness evolves mutually.

- Jason Bradford, Andrew Millison, Vandana Shiva, and Daniel Zetah on Agriculture without Fossil Fuels

7 minute 22 second video

<https://youtu.be/8GwgiweZNb4?si=pRV9DU2ijT15IUYj>

- Andrew Millison: "Geomorphology, Permaculture, and The Good Work"

1 hour 23 minutes

<https://youtu.be/52L4Ncs0jLk?si=rEmUN7CnDBB5r88W>

- David Holmgren: "Small and Slow Solutions - Permaculture Design" | The Great Simplification

1 hour 40 minute video

<https://youtu.be/A9hW4Jh9hF0?si=RVED1O0zp1SsBP6q>

3.

Health and well-being

- Reach out to jails, juvenile detention centers, work crew, early head start, schools(elementary to college), St. Vincent de Paul, Salvation Army, Lord's gym, Churches, food banks, homeless shelters
- Rewild our shopping centers, hospitals, streets, businesses big and small

4.

Transportation

- Underground trains
- Animal overpasses
- Bus transit system that is reliable, way more bus pickup times, routes to anywhere you want to go, travel times to be the same on the weekends and weekdays. Make it so the bus systems are so amazing cheap.
- The Easiest DIY Electric Bike Kit (Rubbee X)
7 minute 45 second video
<https://youtu.be/guvFqb4zgBg?si=mfeMLA-gyswJfaXv>
- We need to have upfront rebates so that people can actually buy items like rollerblades, skateboards, scooters. People are poor.

- Oregon School's Unique Way Of Getting Students To Class: A 'Bike Bus'

https://youtu.be/zNOb377piC8?si=jJp4dxx_Xi4_AJzK

- CoolSeal by GuardTop® offers innovative, solar-activated engineering to deliver a higher performing, longer-lasting asphalt sealcoat for forward-thinking communities and institutions. Reduce surface temperatures, preserve and protect your surfaces with CoolSeal.

https://www.coolseal.com/?gad_source=1&gclid=CjwKCAjw7-SvBhB6EiwAwYdCAdNyBYzIbToYKYrOHO0_1-IJEVBJrH9zqUvpQkkCP54dnhuLKepy-xoCtikQAvD_BwE

5.

Waste Management

- Compost at every home, in apartment buildings and every business and government agency.

Please contact Pete Dubois for this.

- Recycling systems for different kinds of plastics: plastic bags, plastic to-go food boxes, plastic silverware, plastic fast food restaurant drink cups, plastic to-go salsa cups, straws etc.

Recycling for styrofoam, light bulbs, batteries, old computer/cellphones, old toys, clothing.

There needs to be an easy to do recycling system and pickup system from your own location.

Education is key on this this one.

6.

Water resource

- Rainwater collection

<https://ecology.wa.gov/Water-Shorelines/Water-supply/Water-recovery-solutions/Rainwater-collection>

7.

Zoning and development

- Circular Cities

<https://www.thevenusproject.com/resource-based-economy/environment/circular-city/>

- Savonnerie Heymans / MDW Architecture Apartments Brussels, Belgium

<https://www.archdaily.com/220116/savonnerie-heymans-mdw-architecture>

- 3D printing homes on Earth, someday the moon | 60 Minutes
22 minutes 27 second video

https://youtu.be/dXUX6dv2_Yo?si=T8EI28RvRgYFKGq-

- The Atlantis Earthship Tour with Michael Reynolds
12 minute 48 second video

<https://youtu.be/NCa10uee9Ro?si=H5J3YcTzeISNV6uk>

- Tiny homes villages with possible community kitchens

<https://c-roots.org/>

- Duplexes

- Fourplexes

8.

- Collaborate with businesses that use plastic for their products like laundry soaps and juices and create spaces where communities can come in and bring their own reusable glass bottles so they can refill their household items and food.

Also at these locations have information on 'make it yourself' laundry detergent, oat milk, juices etc.

- Large Family LAUNDRY SOAP | How to Make Your Own LIQUID LAUNDRY SOAP

<https://youtu.be/K4zhvAaj3vw?si=FAmiZP3qKJf8eznt>

- How to make oat milk - BBC Good Food

1 min 38 seconds

https://youtu.be/rCxodmQNtvY?si=-3Uf0gJnehOE_pad

Extra sharing energy,

Mario Giampietro: "Models with Meaning - Changing Social Practices" -
The Great Simplification

1 hour 23 minute video

<https://youtu.be/HFZ3NPPPS0?si=sUY9OrMFw1du4RVv>

I hope I sent this email to all the correct individuals.

Native grasses and flowering perennials
can sequester more CO₂ than turf grass.
And, they don't require chemicals or
frequent mowing.

