

BWB Fall Summit 2019 - Flip Charts

Photos of original flipcharts:

<https://drive.google.com/drive/u/0/folders/1DMvDe6TcqjTFWvpc71Cg4XGGKVZViAhz>

Fly Ranch

Fly Ranch Infrastructure

- Fly Ranch is here to incubate + spread culture of BM beyond BRC
 - Sustainable test site
 - Fly Ranch 2020 Design Challenge
 - Bees next year?
 - Local relationships
 - County wants growth
 - Educating and partnering with the planning dept.
- Research/Survey needed on property:
 - What are the limitations of county and state?
 - Policies, the canal, water rights, zoning
 - Ley lines
 - Soil content
 - H2O content
 - Irrigation / ditches
 - Ranches in 1887
 - Green and Fire protection from community local server system
- Native use in specific areas
 - Pine nut harvest/eat
 - Jackrabbit, sheep, antelope, eating and clothing
- How can we have the highest touch on land while doing this?
 - Some don't want to "dig" into earth
 - Some want to look at using food waste from BRC to build top soil for farming
 - Low impact on the land
- Research for emerging tech
 - toilet water / waste system
 - Energy system / all types
 - Geothermal vs geosource - heat pumps
 - Flywheel technology
 - Hot springs to drinking water
 - Creating energy, replenishing the land

- What is sustainability? What is regenerative?
 - Energy/power, Food, structure, waste, H2O, air, solar, geothermal, compost, rain catcher
 - How do you create sustainable with the least impact on the land?
 - Sustainable structures
- Revenue Generating
 - Donation based nature walks
 - retreats/summits

Fly Ranch Educational Center

- Platform for innovation → activating wander
- Engaging with local communities
- Leave a positive trace
- Messaging and contents open air sustainability museum
- Learn, build, and bring home: training and workshops

BRC Sustainable by 2030

Transportation BRC

- 80% of Burning Man's event carbon footprint is from transportation
 - On playa/off playa
 - People / infrastructure
- Fossil fuels vs electric vs people powered
 - Communication - silos
 - Communal effort vs radical self reliance
- What is BM's carbon footprint?
- What is your camps carbon footprint?
 - Integrate carbon impact into ticketing/placement
- Ways to offset footprint
 - Burner bus gets you in Sat. and skips the line
 - Support regional burns (less travel)
 - "Regenerative services" camps (not OSS, not theme camp)
 - High standards
 - Measurable
 - Carbon tax on fuel
 - Fund carbon capture plan/carbon offsets
 - Cost?
 - Funding Strategy?

Solar in BRC by 2030

- What is required to move BRC to Solar by 2030?
 - Is it possible?
 - Challenges
 - Storage

- Where do they go off season?
 - Cost
 - Commodification
 - What are the expectations?
 - Learn from past challenges
 - Shift in collective mindset
 - Goals + flexibility constraints
 - Takes 3 years to get anything done
 - Starting early
 - What is the scope?
 - # units in mind
 - What are we powering?
 - Camps, DPW, Art
 - What do we need?
 - Infrastructure, Support, Rental options, \$\$\$ (tax?)
 - Carbon Survey
 - What do we need to know?
 - Who do we survey?
 - How?
 - Calculator Address
 - Who gets paid for what?
 - Could create tension
 - Needs transparency
 - Job creation
 - Private services
 - Transportation
 - Make sure not to penalize those offering sustainable solutions
 - Principle piece
 - Radical Interdependent
 - Radical Self Reliance

Brainstorm GLC (Global Leadership Conference)

- Survival guide app
- Ticketing process
- How to communicate?
 - Visuals?
- “Acts of Kindness” story telling
- Round table
- Reno 2020
- Model - share ideas with other festivals
- Extend to default world
- Insert ideas into the process
 - DMV - apps

- Theme Camp apps
- Art projects
- Tickets
- Parking
- About S+R
- Zero waste? Zero emissions?
- Risks
 - Commodification
 - What if people don't come
 - Beef up regionals
 - Ask risk steves + NYT travel editor
 - Leo DC
 - If added to ticket cost is it prohibited?
 - Cost is small relatively
 - Contract like LNT
 - Prototype gallery and workshops

Next Steps in Scaling etc.

- Funding - Scaling - design - innovation - resilience - system
 - How do we all work together?
 - Rural (mushroom farm) - prepared for disaster
 - In the city - libraries
 - Connections + network
 - Fundraising
 - Burners helping each other
 - Fragment --? More freedom (large donors want control)
 - Focus on mushroom farm
 - Make it self sustaining
 - Integrate community - kubite model?
 - Rehab land
 - Energy arbitrage
 - Mushroom growth and sales
 - Tech and farmers
 - Appeals to techies
 - Cosmic honey
 - Focus on people who don't get to go to BM
 - play/drop identity
 - Event venue
 - Michelins Rating time company
 - Tours
 - How to get people out on land
 - Tours
 - Meow wolf

- Experiences are hot
 - Send art to resilience hubs
- Membership model easier than events
- Nature assets - ex. Tracking value of trees
- Local carbon sequestration
- Designing for people who don't have as many resources
 - Addition
- Learning from workers who already know how to live off land
- Brining in neighbors for food and events
- Common ground
- How do we envision spaces / hubs working together?
 - Oc,community for community leaders
 - Cutting down guard
 - Not reinventing wheel
- Spaces conclusion
 - Fly Ranch
 - Mostly Q&A, stories
 - Land use, zoning, water rights, local focus
 - Design challenge is coming 2020
 - County is a growth partner when they are educated on projects - not the same relationship with BRC
 - Aim for people attending over time, no surprised for the county please
 - Developing spaces
 - Designing for resilience - \$ means
 - No scarcity mindset, so comes 1st
 - Creating models for others to use because they are inspired
 - Work to design with more than rich folks in mind
 - Relying on events for funding in hard, cosinder membership model
 - Make everything beautiful
 - Bring community builders together
 - Make open to more than residents, bring in artists, build partnerships

Climate Sustainability, Regeneration

- Elena Lucas - Black Rock Infrastructure
- Joshue Tree - solar + storage + eco toilets
 - Renewable power for art, camps, playa some parts of year
- Emergency response, grid support, generator rental, training and carbon offset
- Looking for connections to camps, artists, and off playa applications, ops support
- Addresses - equity in access, inclusion
- Industry gap and economics of doing the right thing
- Ways to transition infrastructure
- Efficiencies just and education, camps
- Do you want to evangelize?

- Precise energy assessment → clean, silent power with renewables
- Design challenge: solar as shade, integrated aesthetic and sound experience
- Burning Man is a fat juicy calipiter, how to butterfly?
- 100% sustainability in small chunks, starting this year
- ERIN (Solar Construction) people, power, employment
 - Co2 offsetting
 - Training
 - Utilizing CAs solar policies help low income families
- Excess capacity as a business app, aka AWS
- Will - footprint (solar refrigerator for blood sample transportation)
- Know what to ask for and understand cost
- Solar medical facilities
- Projects in PR and South Dakota
- Solar and Storage for disaster relief
- Fun and non-fun events
- Giving NGOs tools to make the right choice
- Closing loop between sponsorship and use
- Genie sensors can tell if Genie's are needed at Rampart
- Access to data is critical and can be passed on to doctors without borders and mercy corps.
- Outbidding BMs rental contraction agencies
- Retained value of assets
- Standby and rapid deployment
- Ops models in place before an emergency need
- Evangelism, narrative, and seeing as believing, re connecting to food waste and cycles
- Eric
 - Water + plants; 60% of oil coming from amazon goes to CA
 - Temple of the Way of Life
 - Ship reciprocity program to grow food jungles
 - Amazon watch and sacred headwaters case in Ecuador
 - Land rights, preserving community and heritage
 - designing permaculture systems, village outreach
- Carbon negative
- Sustainability manage waste
- Ecologically regenerative

Working with Locals

- Ideas for community engagement in Empire, Gerlach
 - Storytelling, farmers markets, old timers (air bnb),
 - Hot springs, ranch county, ebiking and scaling, bird watching
- Invest in Gerlach and Empire art, education, community service, businesses, housing, slow people development
- Integration of housing and art engaging

- People actually living there
- Connect rural with other urban areas
- Examples - affordable housing
- Bring extremely low income urban to fly ranch
 - Open community
- Creating regenerative lifestyle
- Leverage the power of food to nourish and connect rural and urban communities
- Envirolutions - DRI (UNR/TMCC) middle / hs studies
- To reno regenerative - peppermill develop curriculum
- Not reinvent the wheel
- While regenerative soil/earth planet
- Art markets
- Empire, market place
- Economic development for gerlach

BWB Global

Community

- Wearing through difference to build resilience
- Never invalidating peoples perspectives. Curiosity
- Permission Engine
- Different definitions of inclusion
- How do you provide in a way that is constructive? Leadership? Spaces?
- New paradigms of leadership
- Delicate balance of preservation and destruction (double edged sword)
- "The graceful descent"
- Recognizing the collective grief in a constructive way

Human Population Reduction

- Education, women
- Males opt for sterilization
- Shift burden from woman and birth control pill
- Counter abortion issues
- Male sterilization clinics in states banning abortion
- Validate and elevate sterile status
- Engage people with kids without guilt, judgement
- Justification
 - Carry capacity without fossil fuels max 4 billion
 - 150,000 species going extinct yearly
 - Drought increasing
 - fish fisheries collapsing
 - Ecosystem failing - all because of people

Disaster Relief - Response

- Process in place to connect beforehand
 - Get to know teammates before a disaster hits
- Mental health awareness of your team before, during, after
- Crucial for teams to collect in 72 hour timeframe
 - BWB = Immediacy
- How to utilize the resources we possess?
 - Burners have a lot of unique skill sets
- Determining when people are in crisis
- Open mind
 - How little I know
 - Have a good heart
 - Lead by a good cause, good people
 - The universe will provide
- Build trust for the next disaster
- Knowledge base of challenges for future
- Get educated, get credentialed
- Build an open framework
- Consider harm reduction
- How to make people effective
- Demystify working with large resourced orgs
- Sustainability
- Preparedness
- Natural disaster reboot and restart
- Volunteers freaking out
- Spontaneous citizen response - but without a disaster - in peace time?
- Consider emotional well being of victims (family albums)
- In a crisis: how to help people who don't have all the abilities - even temporarily
- Get people in rural areas connected to net
- Learn from each other
- Burners can make do in the field with resources and networks (trust on the playa)
- Burners know how to respond to people in crisis (playa = context switch, therefore emotional change)
- In disaster, go in with open eyes (can't expect)
- Mental health after the fact
- Create a credential process, disaster ready org + team rubicon, cal office of emergency services
- Red cross, FEMA, state agencies. E.G BWB, corpus Christy has met in advance
- Make out own BWB identity card for disasters, disaster car magnet signs and t shirts
- Be able to handle transition process from agency before and after bwb
- Take photos this weekend

- Not just a credential card- have to have knowledge to self deploy, portfolio of service, when to say “no” if we don't have skills
- We are choosing to create a formal organization
- Need to chronicle our team's skill set, confidence level, capacity mapping
- Know when to get out of the way
- Problem: 60-70% goes into materials and logistics, build framework and database
- How to turn a maker space into a disaster space, connect to people who manage and attend maker space events
- Understand credentialing in international jurisdictions (welding in Uruguay is essentially the same as credentialing and work in Morocco). Skills are the same and some equipment is different
- Many opportunities to learn in your local communities (eg chainsaw lessons at ME Nursery)
- Other opportunities group HAM-Radio operators
- Focus on disaster pre-pared-ness (teach it!)
- People in rural communities may be better. Prepared than urban dwellers
- first : take care of your own shit - first
- Build relationships with PSAP's + VOADD = volunteers for relief (public-service answering point = command centers)
- Level setting: the future will be disasters forever (one thing after another)
- Growing level of compassion - fatigue + lack of empathy + compassion for ourselves
- And 2 billion more people on the planet in the next 20 years
- “Disaster forever” what does it mean to you?
 - Mental framing - know your skills
 - Where can I help even if I can't do something (language skills)
- Build a bond before disaster
- Team building before
- Afterwards - who is following up
- Everytime BWB meets “I have more optimism”
- Maybe BWBB is all about prototypes and teaching - experiment, learn, leverage
- This is a start - continuing conversations
- Reading list - deep adaptation

Living Burning Man Principles during off playa day to day

- More education - what do the principles mean in day to day?
- How do we make it fun
- Preserving culture of individualism and society → communal and abundance
- Try something like church give away, spread values
- Building community of individuals
- How to calculate effect
- Bring camps and parties to the street and communities - giving, clean up
- Don't buy new shirts, shop thrift
- Upcycling

- Carbon off set for travel, BM tix, camp dues
- Make sexy moop packs
- Educate on playa and live the values off playa
- Moop bags - sexy, fun. Linked to an app, make it a game
- Have a draw to pick up trash
- Carry around bags
- “Acculturation” bring people into culture. Make it a relationship
 - Each one, teach one
- Drop beats not butts - get a price for collecting cigarette butts
- Ask people when they can teach
- “Trash mob” - weekend party, join by collecting trash
- Solar powered
- Make a little stand - like fireplace tools to click
- Exchange kiosk - trash for stuff - exchange it. New type of garage sale
- Shared tools and resources for apartment buildings
- Use social media for giving and receiving
- What systems do we need to support this exchange of goods?
- Maker movement and repair
- Ideas
 - Trash mob
 - Shared tool inventory in google doc
 - Add social impact to our camp fundraisers and/or parties
 - Sexy MOOP fanny packs
 - Butt box, de-moop, app tracking
- Places to store shared goods
- Systems to organize it
- Trust is earned - how do you build trust?
 - Work with people
 - What can we do to build communication and resilience?
 - Make receiving a value
 - Gifting as a principle already
 - 1 cup challenge - receiving helps the community succeed.

Social Net Site

- Mission statement - Ethos
 - Health
 - Energy
 - Farming
 - Education
 - Prep
 - Science
 - Tech
 - Water
 - Housing

- Public art
- Transportation
- Policies
- 7 generations of our children
- Principle - transparency
- Connect people, tech, money
- Mission statement
 - Connecting resources and inspiring change
 - Utopia
 - We have knowledge, resources, tech to support general structure of living
 - Call to arms
 - We've been waiting for that tipping point - time is now
 - Or religion → proper stewards to mother earth
 - The idea of burning man is amazing but application is missing
 - The current umbrella organization have plateaued
 - People generally want to do the right thing but need to be shown how
 - Immediacy
 - Small changes any individuals can make in everyday life → connected to larger community
 - Creating healthy community and empowering individuals
 - Open source - no ownership
 - Ecopedia
 - Watch out power of manifestation
 - Advocacy to educate

Veteran Burners and Healers

- Decompression (together) outside BRC
- Fly ranch as entry point
- Radical self reliance
- Context alignment
- Community
- Coping skills
- Skillset
- What can we do with you?
- Field craft
- Catharsis is powerful
- Soothing vs projective
- Surviving the default world

Social & Artistic Interventions in the face of Climate Change

Deep Blue - Institute "Blue Tech Delta"

- Regenerative Ocean Infrastructure to save the frontline - Bayou communities of Louisiana, estuary “no plan A”
- Economic diversification (centers of excellence)
 - Tech and skills to export
 - Algae farming: energy, food, feed
 - Oyster reefs
 - floating solar, water, sanitation
- Water purification
 - Improve seafood yields
- Community resilience
 - Prevent diaspora
 - “Cajun Navy” BWB north texas
- United nations
 - Disaster
 - Risk
 - reduction
- “Engulf” regional burn
- Now - art car (whale, amphibious bus”
- “Temple of Delta Resilience”
- Temple Parish
- Cultural preservation (articulated tourism)
 - Language (EG french, cajun)
 - 2 year deco, music, dance
 - Food
 - Festivals
 - Art
 - Hospitality
 - History
- Factors
 - Salt water infiltrations
 - Erosion (football field/ 1.5 hr)
 - King tides
 - Storm surge
 - Subsidence
 - Sea level rise
- HAB (harmful algal bloom)
 - 2nd in the world - nutrient rich dead zone
 - Harvest
 - Feed
 - Food energy
 - 2.4 Billion 40% within 100km of coast
 - Barrier island reinforce

Creating a Regional Food Maker Space

- Water? bore holes?
- Regenerating
- Use things year round
- Ripples out - 75 gal/day big generation
- Camps are “model”
- Default / BRC
 - Where does it all happen?
- Burner hack groups

Revenue + Nonprofit

- Collaborative community
- Are you a quality project?
- Who wins when we win?
- 3 figure donations \$50-100
- Mentor - capital investors
- Pay for success
- Getting kids welding jobs
- Grants - clear what you’re offering
- Need passion!
- Grantors: show vision + process guiding principle: who are we trying to serve? Focus on work.
- How do we approach opportunity?
- Funders talk to each other be consistent with story
- Funding = listening + relationships

Framework/Principles for Sustainable Art Projects - Interdisciplinary Art Incubation Programs

- Creative placemaking/Artist interventions
- Equilibrium health of the planet
- Regen Creative Culture
 - Installation performance Art/Music
- Culture - scalable
 - Narrative / storytelling (art symposium)
 - Knowledge passed along for learning
 - Ownership / decommodification
 - Profits not the end goal
 - win/win
- Design principles for artist/makers
 - Parameters purpose
- Build collective resource for creators
 - Civic modular design
 - What's working / not working for art as education
 - Countries

- City Resources
 - National org or communities / cities
 - Access for placemaking
 - Rotating art program
 - Inclusive innovation
 - What does community want
- Toolkits
 - Volunteer training kits. An agency or database.
 - Communities connecting networks, spaces desired, what's been previously created.
 - Places / spaces
 - Transparency / accessibility
- Storytelling from artists for education
 - Circular economy through engagement inspires new artists
- Artists web based utilities
 - Reno - public art archive.org
 - Municipalities with public art collections
 - Profile
 - needs/maintenance schedule
 - 3D modeling would help
- Notes
 - Maker
 - Art community disconnected post - BM
 - access artists during BM
 - BM best mgmt practices
 - Community resilience
 - Farmer project / Big art for small towns
 - Exchange
 - Parameters to make projects possible
 - Washoe county
 - Planet first then profit
- Design principles for artists/makers
 - Space /height
 - Civic art res
 - References / resource bank
 - Projects succeeded / failed
 - Storage
 - Platform for education
 - Tech
 - Volumetric capture (DMV)
 - Scans of art
 - BM chamber of commerce
 - Johnny family fund inclusive projects 5k honorarium

- Soft naro dev kit . mobile
- Solar infrastructure
- Educating participants
- Radical reciprocity -art for trees - replenish

Wrap Up Statements

- How do we provoke in a way that's constructive?
- Metabolize
- No generators
- Awesome discussion about men and manhood
 - Shift to hold each other, support circle
- Gratitude for our interaction bwbs and food!
- Gratitude for learning environment
- Bwb and bm are permission engine
- Story of now - important the good old days are now
- Instead of projects - tackle tasks take baby steps
- Cross - discussion healing and emotional well being team could help in disaster relief
- Geysers!
- Synergy!
- Capacity for hard discussions with loving feelings
- Feedback - become an incubator of collective spirit
- Friendships - from this everything else will happen - christopher, Molly, everyone!
- Bwb leadership + organizers - thank you!
- Our planet is in a wounded place
 - Skin is growing underneath
- We are choosing our future - thanks to fly zack and matt
- Radical inclusion worked - we now know each other and lifting our spirits
- Book that beautiful world we know is possible
 - We are cocreating new world in a grey area
- Thanks to the whole team!
- Inspiring
- Relief and reinforcement
- We are going to create our world!
- Thank you to everyone who participated and for showing up!

Burning Man Sustainability Communication and Education Plan

This project focuses on how to inform participants, camps and art projects about climate change, the footprint and impact of burning man, and what they can do.

Also what could happen if action is not taken.

Align with the 2030 Sustainability plan

Key message

Attending Burning Man takes resources

You can take important steps

Inform everyone about the climate impact of burning man

Is it really LNT when there are big carbon footprints? Examine

- Need inventory and report; how much, and of what?
- Does Cooling Man have a lot of this info?
- Eg in 2013 wood for temples came from 825 trees, replaced by **Art for Trees**;
- 4 burns last year.

< **Art for Trees** and Communication ideas merged >

Use inventory and report to calculate footprint - identify audiences

1. *Participants* - Explain to people how to calculate footprint and buy offsets
2. *Camps* - add footprint calculation and offsetting part of camp application; reward for carbon and waste reduction planning and action?
3. *All of BRC* - share information across infrastructure, HQ, etc.
4. *Vendors and suppliers?*
5. *Neighbors?*

“Leave positive trace” — everywhere!

Aim for zero waste and zero emissions (align with 2030 plan)

Call it something more fun like “Acculturation and Activation”

“Be on the Bus” (meaning, aware; but another group suggested the bus goes in on Saturday)

- by participants to participants
- multiple languages

Mitigation - how? What are we suggesting/insisting that people do?

- reduce consumption overall
- wise consumption (regenerative/sustainable everything)
- pay offsets using calculators. Offer choices of mitigation, including **Art for Trees as a model** for offsetting large wooden structures. How else to reduce wood use?

Which existing communication channels can be used to inform participants?

Insert information into existing Burning Man processes

- Survival guide - include how to calculate and post carbon footprint and offsets
- Ticketing process and tickets. If offsets are added to the ticket price will it be too expensive? Offset cost is relatively small.
- Make offsetting a kind of contract, like LNT?

- Parking and passes
- iBurn
- GLC
- Roundtables
- Reno 2020
- DMV applications
- Theme camp applications, camps calculate and post carbon footprint and offsets
- Art projects - calculate and post carbon footprint and offsets
- Gallery of prototypes
- Workshops (Fly Ranch?)
- Burner hacks and other FB groups
- Camps as nodes

How to communicate?

- Visuals
- Acts of kindness
- Story telling
- Model - share ideas with other events, extend to default world
- Ideas ripple out from Burning man to default world
- Idea - create an Information database and clearinghouse, share and improve with similar events, eg Oregon Country Fair and Edinburgh Festival

Risks

- Commodification
- What if people don't come due to offset cost?
- Beef up regionals
- Ask Rick Steves (NYT travel editor) for his sustainability ideas
- Ask actor Leonardo DeCaprio to advise (Sue)
- Attitude "I can afford it, I paid for it, I can do whatever I want" - how to change?

Random ideas

- Water from bore holes?
- Bring only things that you use all year
- Everything should be regenerative