

## Our Renewable Future: Consumerism After Fossil Fuels

Thursday, June 30, 2016

Speakers: Annie Leonard (Greenpeace, Story of Stuff Project), John de Graaf (Take Back Your Time, Happiness Alliance), Richard Heinberg (Post Carbon Institute), Asher Miller (Post Carbon

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Nathan To Richard: What is the percentage reduction in energy available you expect, and what CAN we do with that amount of energy?

Chuck Are you familiar with MMT economics? MMT = Modern Money Theory. Most MMT economists promote a Jobs Guarantee Program. MMT approach uses the treasury and Fed for public purposes. It is compatible with Ellen Brown's work at the Public Banking Institute. I have to leave for another meeting but I look forward to the archive copy. Wonderful panelists!!!

Tres Are there good estimates of the % embodied energy and external energy that is used to support our lifestyles? (External capital infrastructure, External operational energy, External transportation to produce products elsewhere and then transport them to us.)

Rose To Chuck's point about Public Banking, sounds like <http://positivemoney.org/2015/11/can-public-money-creation-work-some-answers-from-canadian-history/>

John Anyone have any idea when fossil fuels: oil, coal and natural gas will totally be functionally depleted?

Lovis According to Mark Z. Jacobson we have 4 times as much electricity production potential from offshore wind alone in the US. That's using traditional wind turbines. He won a Cozzarelli prize for 100% wind water solar for the US.

Edward How do we respond to planned obsolescence, or hijack it? I am seeing technology advance without offering real improvement.

Nathan John, when the aggregate EROI drops below that which we required to run industrial civilisation in its current form. <http://stanford.io/1yifujq>

Bruce The 1st planned obsolescence is with people. We abandon them in huge numbers.

Bart A huge range of media (from local newspapers to youtube and facebook) is paid for by advertising, which in turn depends on growing or at least steady consumerism. Do you have any thoughts to share on how soon we might expect this advertising-supported media model to fail?

Nathan Lovis, a.) we need fossil fuel to power renewable energy systems production, and renewables don't have a high enough EROI to substitute for fossil fuels directly <http://bit.ly/TOUHnN> and it can't power our industrial transport systems <http://bit.ly/28JlgCG>

Lovis John Hiller, supposedly the human population of Earth will die off before we use all the fossil fuels in the planet. There's something like \$490 Trillion worth of fossil fuel left in the Earth. However the cost of deploying 100% WWS for the planet is \$2 Trillion less.... and we may not become extinct.

frank Is there any place for the concept of entropy in the assessment of economics?

nelson great comments. I am concerned about all these as well as the moral issue. why do I deserve to consume at ten times the rate of some African and contribute to killing him in the process from climate change

Bridget The Economy for the Common Good Balance Sheet offers a framework for non-financial reporting which would capture the social and environmental impacts which John de Graaf outlines get missed from a pure measurement of GDP [www.ecocommongood.org/en](http://www.ecocommongood.org/en).

Tim It is physically impossible to sustain 7 billion people on a planet with finite and dwindling resources. Why is population over-shoot never spoke about?

Nathan Frank, □the concept of EROI addresses the entropy of fuel supply <http://bit.ly/1RdgP6A> - as we dissipate highly ordered, low entropy sources, we must go for less ordered, higher entropy sources. These are lower profit, and therefore there is less 'net energy' left after we've processed and transported them to the place of end use.

Fred The 1st planned obsolescence is with people. We abandon them in huge numbers.

Steve Agree Annie . . .

Bridget Amendment: [www.ecogood.org/en](http://www.ecogood.org/en)

Irshad But not every country has the resources to be self sufficient and manufacture/produce everything they need. That's why they have to import.

Tom While we work to change the model of consumption, don't we have to double down on the model of production based on making more commodities for more profit? Tom Angotti

David Annie, in order to make Happiness happen do we not need to teach and actively practice compassion and compassion training? Do you agree that, in order to change the basic goal of society away from consumerism don't we need to offer a better path, achievable without excessive consumerism, and that compassion is a necessary, essential first step to that - particularly as genuine compassion builds the love of nature and others that directs our inner aspirations to make earth-loving decisions? I've been working with Waves of Compassion who hosted an incredible Compassion Training Workshop for our local Transition Town. I would love to share it as I am convinced it is a direct way to an essential view for action generally not developed enough. [www.transitionbay.ca](http://www.transitionbay.ca)

Rose Edward Ganshirt see the Performance Economy, by Walter R Stahel. Stahel proposed the idea of product-as-a-service, think selling light, not lightbulbs. And it's happening: <http://luxreview.com/article/2015/04/pay-as-you-go-lighting-arrives-at-amsterdam-s-schiphol-airport>

John These thoughts/proposals are all predicated on there NOT being an oligarchy with a vested interest in the way things are now. They are and will continue to fight ANY of this tooth and nail.

Steve Couldn't agree with John more . . . but many believe working longer is the only answer . . .

Tim All civilizations are hard-wired for self-destruction. Industrial civilization will hit the wall and collapse. We are well on the way to collapse. And we are in more trouble than we can possibly imagine.

Michael Just in the USA, we are double a sustainable population and doubling every 60 years. Our growing OverPop is the great multiplier -- of everything else including carbon and consumption. Why do you downplay this huge overarching problem?

Dugald You are still talking about Peak Oil/energy- when most people think its obvious from the current low price that it was a con and are getting on with their lives. How do you precisely explain that it is still relevant!

Markus Equity! thanks, annie!

Bruce The celebration of the expanded Panama Canal & the shakeout of ports that can handle the post-PANAMAX vessels -> deepening harbors/raising bridges -> is an expression of this loopiness. There's also the matter of fossil fuels as feedstocks for plastics, fertilizers, etc. The Kochs are huge in that. E.g. they acquired Lycra from duPont & its appearing in clothing that never had elastic. Doesn't need it. There's essentially no such thing as a fair trade sourced 100% natural fiber item of clothing.

Laura Yes, equity is central.

Steve Most folks are 'promised' limitless growth . . . thus the media is very very reluctant to address topics like sustainability that link population to resources . . . folklore more popular than reality . . .

Barbara I am now partly retired and in my free time I drive more not less to get to see my friends or do things with them. I am home more hours too and have to heat the house more hours. So I question the idea that a shorter work week will reduce the carbon footprint.

John But equity REALLY means Americans backing down their consumption HUGELY

Bruce Cooperative ventures!

Nathan David, good point, compassion is necessary. to me, the key was reflecting on how our consumerism perpetuates violence on our brothers and sisters globally. This 10 minute talk from Vinay Gupta is key: <http://bit.ly/1EablZL>

Steve The political group opposing all discussion on limits to growth are libertarian market fundamentalist . . .

David Can my question be asked to Annie? I think should talk about this knowledgeably.

Fred a diminished fossil fuel energy world means a more labor intensive world which in turn means we will not have spare leisure time to devote to our hobbies, family and friends. Yet, such a future will be inevitable.

scott Thank you, Annie, equity is so central to a just Transition!

Laura But inequity is rampant... :(

Rhys What changes do we need to make in the ways we communicate and don't communicate with each other as individuals and as organizations in order to move more effectively toward a more sustainable world?

Pamela Buildings are responsible for nearly half the carbon emissions. Green

Tim If all fossil energy was pulled out of the industrial economy tomorrow, half the people on the planet would be dead within three months.

Bruce We need a media that doesn't rest on a platform of advertising to sell stuff. (I think that's on the agenda for the panel.)

Anis What about economies that depend on fossil fuel exports?

Michael Until neoliberalism is completely overthrown as the dominant global worldview/ideology of our time, any discussion of transformation is purely academic.

Tegan Good point Michael

Pamela "Green building" standards such as LEED are largely in service of petrochemical-based solutions. Green materials require upwards of \$50,000 to test. Lime is elemental, but hard to "certify".

Matt Agreed that a future made more sustainable and equitable by design is the ideal to strive for, but it is possible to reach somehow a sustainable/equitable future by disaster, to use Annie's phrase?

Steve Use social media to address these issues that media ignores . . . that's what I do . . . everyday . . . including showing Richard's new book photo from Amazon . . .

Bruce Where are the sovereign investment funds putting their money?

John It's about choices AND quantities of consumption, particularly in America

Nathan Hi Dugald. Here's a couple of recent articles that update the current situation: <http://bit.ly/1YpMgJo>  
<http://bit.ly/29iYpRu>

scott The Mutual Aid Network incorporates LtG as one of our 12 Core Principles:  
<http://www.mutualaidnetwork.org/about-man/man-core-principles/>

Tim We have had over 40 years, since the publication of the LTG study, to work on solutions to the world problematique. Nothing much has been done and there is really no time left to manage any kind of peaceful descent.

Dave Having described the problem, what government policies should be promoted. Does a carbon fee and dividend make sense?

Barbara If the energy that we begin to increase is renewable less will have to change in personal life. I can heat my house with renewable electricity and make it as warm as I like.

John Concur with Michael's point about neo-liberalism to include the inputs of Edward Bernays

Russell Good points. We can't 'have it all'. We must look where our resources would be best used. Devoting more to basic public health - good water supply - good sewage treatment (or a need to emphasize what we can call 'grey water') seems very important to try to avoid major disease outbreaks in the near future.

frank Externalities are not included in economic balance sheets, why is that?

Rhys How does population effect the move to a more sustainable system? (1/2 the consumption with 2x population = net zero change)

Steve Richard is spot on . . . how products are made . . . and can they be recycled completely . . .

Tim People will have a hard time understanding that there is nothing on a systems level that can be done to "fix" our predicament.

Edward Not much choice? Use the power of the ballot box (cash register) and vote for or against products with your ballots (dollars)

Bruce Several years ago, a doc called, I think, "Southie," about constructing a green apartment building in Boston was released. It was subject to LEED at that moment & sourced "green" materials from as far away as Chile, Australia & China - meaning via the transportation alone, it was damaging.

Camila Same as Dave: what should concretely be done by governments? what policies can lead individuals to consume sustainably?

Lovis Nathan, 100% correct. This transition needs to happen fast in less than 10 years. General Electric recently bought Alstom wind. I am going to the first Bloomberg sustainable investing event on September 7th in Manhattan. I was invited by the CEO of the NYSSA, the institute founded by Benjamin Graham, Warren Buffet's mentor. The Value Investing community is greatly confused. Value investing is basically understanding what the market, aka human beings on earth, want. If the majority of the human population think that Climate Change was created and is enhanced by fossil fuel burning, that creates a new understanding, this new understanding has a real impact on the financial markets. The United States is by far the biggest culprit for creating climate change. Our Federal Government has subsidized fossil fuel burning basically from time of the dawn of America, industrialism was a British idea and reality, Americans went wild with it. If the American economy is so powerful that it had the ability to create this glo

Tim Civilizations make bad choices and industrial civilization has made a lot of them.

Steve Manufacturing today competes on 'price' . . . thus ignores the effort for recyclable products . . . knowing that most consumers are unaware of the issues being discussed at this forum . . .

Russell Frank A. - very good point on 'not including externalities' as true costs. Only explanation I can offer is that it would be so much harder to cook the books otherwise -rather like our false unemployment numbers these days

rick Will there be transcript of both the speakers and the comments?

Rose Richard, redesign around repair : there's a movement happening, especially in Europe, called The Circular Economy <https://www.ellenmacarthurfoundation.org/>, which is being picked up, at least nominally by government waste sectors

Michael A civilization based in entropy must be transcended by one based in SYNtropy <http://www.syntropy.org/>

scott Yayy for the Vicki Robin shout-out, she is on our Advisory Board! <http://www.mutualaidnetwork.org/team/>

Pamela Calcium is a very common elIn 7th? Limestone quarries are not infinite, but a little technology could make lime in less pure forms more available. Clay can also be used to build very efficient buildings. Concrete consumption , which currently uses most of the lime is ubiquitous and inefficient.

Stan We're dealing with people's basic value systems. We won't easily change those; more likely that hardships will elicit those changes.

Pamela Lime has no volatile organic compounds and deterrs mold growth.

Tom You are talking about what consumers as individuals can do. But unless consumers are better organized and confront those who organize and finance production, capital will continue to promote more consumption and obsolescence. It will have to go beyond appeals to individuals.

Steve Public education today bares touches any discussion on energy . . .

Bruce The Economist noted that "productivity" declines in Muslim countries during Ramadan yet happiness rises. The magazine couldn't understand how such an expression of community & family would result in more upbeat feeling as incomes moderated, because folks are tired, business hours are fewer, etc.

Nathan Annie, YES! I loved reading David C Korten's 'Change our Story, Change our Future' - which incorporates many of these things. My recent Innov8 Invercargill talk was on the subject of the story we tell ourselves to achieve resilient, able to be sustained outcomes for our community, region, country and species. Here's my talk prezi: <http://bit.ly/1pWIsXS> and a voice recording: <http://bit.ly/1MiV70h>: We really need to replace our neo-liberal 'Sacred Money and Markets' story with something closer to a 'Sacred Life and Living Earth' story...

Laura yes, change the story. I want to be a story teller. writing stories, poems, for teachers and educators. yay!

Catherine Does the fact that climate change is progressing a lot faster than expected change anything?

Bruce Are any reps of EJ communities participating in this webinar?

Rhys Will there be a recording of this webinar available afterwards? It would also be great to have a transcript of the moderated chat.

Steve Employers average benefit costs over a 40 hour week . . . so this will be an issue . . .

Lovis The question becomes who financially benefits? Is it going to be the fossil fuel industry allocating their capital in 100% offshore wind? The fossil fuel industry is not loyal to fossil fuel, they are loyal to money. Is it going to be just if the entities who created climate change make even more money, potentially far more? The wealthy spend less than 5% of their income while the majority spend 90 - 150% of their income. The financial inequality of doing this would be ridiculous, however 8 Billion humans may not die off the earth as a result of the fallout from climate change.

Tim The best short read to understand our predicament is "Immoderate Greatness" by William Ophuls. Read it and weep.

Pamela It has been very difficult to build a proto-type of a hempcrete building. I get tight-lipped curiosity from local government, but no endorsement. The British Science museum has facilities made of hempcrete. Also a Marks and Spencer upscale department store. Not a marginal practice--but marginalized by politics.

frank One story line – Planet Abuse creates Planet Change

Russell One tiny little positive note - community gardens that involve participation by school children seem very popular with the kids - this becomes a good opportunity for education about the land/soil

Bruce Many great points here. How can I retrieve them for future reference?

Lovis Haha Annie Leonard, I'm working on a start up that makes a hat from recycled plastic bottles. The fabric is made in New Hampshire. We just got a Trademark on "EvoLve."

Pamela Building with only hemp stalk, lime water and sand over a wood frame requires no imports. No over-processed petrochemicals. And hemp can be used to reclaim soil for organic farming, is twice as productive as corn for fuel...

David Add chickens to those gardens at schools and parks! NYC even does this! The chickens even can eat our waste food and help compost what they don't eat. And we love them, and they us!

Bruce FERC+NRC: total captives.

John Bruce, simply copy them and paste them into a document - like I'm doing :-)

Lovis Totally, Princeton University came out in 2013 saying the US is an oligarchy.

Steve Annie is absolutely on point here . . . our congress has been captured by lobbyist . . . think we the money . . . not we the people . . . until democracy fixed . . . no change will occur . . .

Genevieve HOW DO WE CHANGE OUR DEMOCRACY??

scott A great point indeed, Annie, thanks!

John Elect Bernie!

David Transition Towns are doing it around the world! They are a great example and template!

Nathan Lovis, due to the declining EROI of fossil fuel extraction, the fossil fuel industry is rapidly becoming financially unsustainable. Jeremy Leggett's recent update is enlightening in this regard: <http://bit.ly/28N04AI> as is Nafeez Ahmed's recent update on governmental research (follow the links in the article for more great references) <http://bit.ly/29iYpRu>

John It is after all about who we elect...

Laura Bernie!

Tegan I have one worry with the very inspiring 'circular economy' model for constant recycling. Doesn't entropy mean we can't recycle materials for ever???? Literally want to know about that.

David I want to bring Annie to Halifax! Love her!

Janos Hi, something positive check out energy democracy <https://www.youtube.com/watch?v=VG4Lo1ycDiQ> <https://ilsr.org/report-energy-democracy/> <https://www.youtube.com/watch?v=2Tf7pxUbLPM>

Genevieve right but even the elections are influenced by \$ and arguably rigged

Steve Step one . . . know who represents you . . . step two . . . call them and let them know you know who they are . . . step three . . . call often with simple suggestions, points of view, share you knowledge . . .

Pamela We need to have a democracy. Roll back our economic fundamentals. Reclaim the message to a pre-programmed message of consumerism.

Bruce The vote's still being counted in California + there a cases re voting irregularities across the country - essentially unreported. Not on target to move things before Philly.

Nathan Tegan, correct. But by recycling and building products for recycling, we massively reduce the material throughput.

Tegan Thanks Nathan. So it buys time but we will eventually just need to use all renewable resources. ??

Pamela Design solutions--yes.

Rose Richard, Annie, in addition to Fairphone, Apple now has Liam, a robot that disassembles iphones  
<https://www.youtube.com/watch?v=AYshVbcEmUc>

Bruce NYC once had umbrella repair shops. Umbrellas are no longer made for repair-ability. Just one example.

Nathan Yes, and that means maybe 1-2 billion people... Not a popular message... No idea how this plays out long term. :/

Steve Great points about producers 'owning' their production for life . . . including recycling . . . Annie is correct . . .

Lovis This is what is called Resource Economics - externalities.

Dugald Isn't the elephant in the room the interest required on money and its affect on growth? I like Richards concept of shifting from Planned Obsolescence to Planned rUse and Repair - can you guys get the 70 odd CEOs of the biggest companies (and manage some obscene percent of global GDP) and show them the logic?

Harald Europe tried to implement extended consumer responsibility regulations but backed off when the US threatened to sue, calling it protectionism in disguise.

Tim Set your watches for civilization collapse by 2030. Do what you can to live in peace and harmony with your neighbors and environment, but the game is over.

Russell Ms. Leonard - true - especially in electronics - our town has tried to help recycle electronic products, but we are getting overwhelmed. A policy, rigorously enforced, of the manufacturer MUST take it back at the "end" of a "life" - would be extremely helpful

Amanda Part of that is the addiction to technology...part of it is people are not close to nature, and part of it is safety issues unfortunately

David Yea for everyone composting! And that best done in every backyard so the benefit stays the most local and so wisdom of natural cycles literally grows from waste, transforming us all!

Bruce We gutted the arts in public education. The arts & recreation both connect in the realms of creativity, cooperation, attentiveness, appreciation...

Lovis There's also a big issue with legal entities that create the products and services that Americans and those who favor American enterprise. C corporation puts profit before planet and people. B corporation puts people and planet before profit. B corporations only exist in Rhode Island, New York, Delaware and California.

Amanda I agree, Bruce.

Rhys Bellingham Cohousing has been working on addressing many of the problems mentioned in this webinar, find out more about us at [facebook.com/bellinghamcohousing](https://www.facebook.com/bellinghamcohousing)

Rose Dugaid MacTavish, >70 odd CEOs of the biggest companies, see <https://www.ellenmacarthurfoundation.org/>, many of them get it, how they change is another matter

Lovis Debt is modern day slavery.

John And the basis for our currency!

Bruce Annie echoes Bernie echoes....

Pamela Consumerism has negatively impacted education. Creativity and connection with nature are not valued. Problem-solving can be very rewarding.

Laura yes, time to elect Bernie. if not now, when?

Russell Good points on debt. Those of us in the 99% are dictated to that 'all debt is sacred'. Except it's not - witness the ease with which the wealthy can dispose of unwanted debt through bankruptcy geared to help them, whereas we cannot

Lissa Annie for president!!

Amanda Go, Annie! Can you run for president?! :)

Gina Check out this Non-Cooperation: Bernie Buy Nothing Days (July 25-28)

Michael In most developed countries, the government is afraid of the people. In the US it's the people who are afraid of the government--from Sicko

Steve Reagan started the thought to reduce taxes by making students pay for their college educations . . . creating the current situation . . .

Pamela Yes, Bernie. We need to keep his message alive by participating, not just voting.

Genevieve Annie what is your graduate degree in?

Lovis Correct John Strohl, Currency in America is only valuable because we value it..

Amanda I think Reagan set up the stage for the problems today. Not a fan of that man.

Laura yes, Pamela is right.

Tegan Annie is incredible! I'm trying to write down every word...

Gina Bernie Buy Nothing Days (July 25-28) google it - this is during the DNC

Michael Reagan singlehandedly did more to bring about the nightmare we are in as a country and as a civilization than any other human.

Steve Agree with John . . . young people know the establishment politicians are doing nothing to address their future . . . thus their support for Sanders . . .

Pamela Humans actually like working together to solve problems and make each others' lives better.

Lovis We need "The Happy News" highlighting this shift in power from oligarchy to people.

Tegan All speakers fantastic actually

Jody Many of things you are suggesting are prominent in the campaign of Jill Stein , the presumptive Green Party Presidential candidate. Have a look!

John Lovis, the currency of the US is based on the generation of debt. The institutionalized trap of consumerism sets that up.

frank It's not about "tax and spend", it's about "give and share".

Amanda Yes, that is true Jill Stein stands for all of this. She is great!

May What John said was so well said!

Genevieve John, who were you just referring to with that story about everything condensed down to a week??

Russell Jody/Amanda - agreed - I am a huge fan of Jill Stein

Lovis In college I read the Prince by Machiavelli. I don't condone violence, but his method would be an extremely volatile but quick way to go about removing the oligarchy.

Diana "They are stark raving mad" - they simply reflect that disconnect from the natural world

Bruce Bill de Blasio, at the behest of big real estate, gutted NYC's landmarks law on its 50th anniversary. The law came about because of the loss of Penn Station & the near destruction of Carnegie Hall. Well built, properly maintained buildings & structures can last a very long time. This so-called progressive has dropped a wrecking ball. He is not alone.

Lovis The 2nd Amendment exists in our constitution. It's there to overthrow an insane and corrupt government.

Amanda That is the cost of a text book now!

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

Nathan Diana - Kurt Vonnegut, Jr — 'Dear future generations: Please accept our apologies. We were rolling drunk on petroleum.'

Steve Key to getting young people on board is that don't present a problem without a solution . . . this creates the hope that empowers change . . .

Lovis Yes Michael Abrams!

Lovis Outsmart and innovate around competition.

Laura There is no hope. But I work and live as if there were hope... and maybe I will be surprised! But I have fun doing this.

John Lovis, I used to think that. Closer examination shows that not to be the truth. Conversation too ,ong for this space...

Diana Biomimicry is a guide - innovation inspired by nature, so that it fits in with nature

Bruce Attended a really engaging public hearing by a federal agency - BOEM - last night in NYC - re offshore wind power leases. The only downside is the climate clock is running head on into due diligence & one doesn't want to screw this up.

Lovis The business I am working on is [www.cresolglobal.com](http://www.cresolglobal.com) the total addressable market is \$654 Billion annually just for Cresol alone.

Amanda Here, Here, Annie!

Michael And yet Clinton, with her commitment to the status quo, is even more dangerous.

Bruce Do you notice the panelists are smiling despite the gloom. I believe that's called optimism. Can do. How American! ;-)

Lovis Thank you!

John Why focus on who we have to stop instead of who we can get ahead with ???

Peter sure there are numerous ways to get involved, but I think we need to build a centralized umbrella thru which we can focus this energy that has great hopes and ideas

Pamela The inspiration I have been craving!

Steve I always suggest to young people to see Leonardo DeCaprio's DVD: 11th Hour . . . visual . . . entertaining . . . but full of hope . . .

Tegan Yes so inspiring. :)

Bruce Sometimes it's really critical to stop those people & institutions that bring on great calamity.

Lovis Please friend me on Facebook. I need more allies. <https://www.facebook.com/LovisAxon>

Amanda THANK YOU SO MUCH!!!! <3

Catherine Will there be a recording of this call that we can share?

Debbie very enjoyable!

Pamela We have to be individually whole in order to have some to give away. sing and dance!

Markus Congrats to all of you!

David Richard needs a better microphone, one that does not make ssssss hiss out of his s words.

Bruce Annie seems so wise....

Steve Really appreciate the work of the presenters . . . well done . . .

Tegan Thanks presenters!!! Wonderful stuff

Catherine Thank you, thank you, thank you, thank you!!!!

Fran Powerful information!

John Thanks very much for a GREAT conversation!!

John happy to be here

Michael The Transcendence Project <https://www.facebook.com/groups/TheTranscendenceProject/>

Lovis Yes we do. We will make this happen. Live Free or Die.... litterally... from climate change.

Peter Thanks from Adelaide South Austraiia guys, so relevent to us

Carol THANK YOU! We can have a more sustainable and just world, because we are creating it.

Nathan Record of the chat window: [https://docs.google.com/document/d/1E2wiRkDYhg4\\_bmmYHJmLN-N2oPE7Gulrqb19rz\\_ieE/edit?usp=sharing](https://docs.google.com/document/d/1E2wiRkDYhg4_bmmYHJmLN-N2oPE7Gulrqb19rz_ieE/edit?usp=sharing)

scott Thank you so much for doing this, guys! :)

Steve I still like JFK's remark as a youth . . . paraphrasing . . . the future is here whether we seek it or not . . .

Lissa Excellent program!

David From Nova Scotia, Canada, and Transition Bay St Margarets ... Thank you all so very much!!!

Izabela Thank you very much, wonderful. informative, and inspiring webinar! Power to the people

Bruce Adelaide. Rupert Murdoch's hometown. Condolences!

Jim this was excellent

Lovis Where are the future conversations?