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"Brainstorming Zero Carbon ASAP Campaign" seeks to accelerate Climate Emergency Action at Universities, Colleges, and catalyze local Community Visioning

- A. Overview
- B. The Potential of Thousands of Local Community Visioning Initiatives
- C. About The Community Peacebuilding and Cultural Sustainability (CPCS) Initiative (at www.cpcsi.org)
- D. Potential Partners for Collaboration and Accelerating Multiplier Effects

#### A. Overview

In 2008, more than 1500 educational institutions (mostly colleges, universities) held "teach-ins" titled "Focus the Nation: Global Warming Solutions for America" <a href="http://bit.ly/2E5cwdh">http://bit.ly/2E5cwdh</a> .

In 2009, more than 50 papers worldwide ran the same front-page leader article calling for action at the climate summit in Copenhagen <a href="http://bit.ly/2AJadsY">http://bit.ly/2AJadsY</a>.

Now, in 2019, when there is clearest urgency (#ArcticFires, #GreenlandIceSheet melting, #AmazonFires) to have highly visible accelerated climate emergency action, this Brainstorming Campaign is calling for 5-10p overviews on how to reduce Greenhouse Gas (GHG) Emissions 100% ASAP from 1000s of tipping point related organizations (616 in 30 categories in Appendix 10 of the 157 page "Brainstorming" paper) which—

- 1) make available all known key emission reduction pathways in a form most people can read
- 2) provide a clear visualization of transformations needed in every aspect of our lives--since different organizations will focus on priorities in their fields of activity
- 3) provide the equivalent of a needs assessment for local communities, of the kind which precedes Community Visioning
- 4) can be a great asset to "over 1000 local governments in 19 countries (that) have declared a Climate Emergency" (as of 9/18/19)(see <a href="https://www.theclimatemobilization.org/climate-emergency-campaign">https://www.theclimatemobilization.org/climate-emergency-campaign</a>).

Education during comprehensive Community Visioning (a series of community meetings for maximizing citizen participation in identifying challenges and solutions), and especially in Neighborhood Learning Centers, lead to residents becoming aware of—

- a) where to buy only what goods and services they absolutely need--so they can lower Total Energy Demand, and contribute the most possible to carbon-neutral supply chains
- --- and provides local newspapers, and other news sources, with
- b) numerous positive ways of reporting on this Accelerating Climate Emergency Action process.
- B. The Potential of Thousands of Local Community Visioning Initiatives
- 1) Clearinghouse website of 5-10 page overviews on how to achieve Zero Carbon ASAP from 1000s of tipping point related organizations can inform local surveys (prior to Community Visioning) of 100-150 key local leaders--with surveys asking: given this clearinghouse of solutions, please brainstorm on challenges and solutions for your local community)
- 2) Responses to the preliminary survey of key local leaders can demonstrate need for Community Visioning, and many Neighborhood Learning Centers, and inform initial selection of topics for workshops in Neighborhood Learning Centers
- 3) The 1984 Chattanooga Community Visioning Project ("Vision 2000") attracted more than 1,700 participants, and produced 40 community goals--which resulted in the implementation of 223 projects and programs, and a total financial investment of 793 million dollars. (see 13 minute documentary "Chattanooga: A Community with a Vision") (highly recommended)
- 4) Universities and colleges--which are already advanced in recognizing and implementing Climate Breakdown mitigation solutions--will be natural lead organizations for building the partnerships necessary to carry out Community Visioning Initiatives in their local community
- a) Universities, colleges, education organizations, and other organizations, can increase their existing efforts, or take up the call, to develop related curriculum and offer classes, workshops, and teacher training to support the development of Neighborhood Learning Centers
- 5) Through the Community Visioning process, Neighborhood Learning Center workshops, numerous positive ways of news reporting on this Accelerating Climate Emergency Action, much other education, etc., people everywhere can learn--
- a) if they are in an area of surplus (in which case their surplus may help others with emergency needs)
- b) where to buy only what goods and services they absolutely need--so they can lower Total Energy Demand, and contribute the most possible to carbon-neutral supply chains
- c) what kind of businesses to boycott so that the most carbon neutral and circular local economies can be established in the shortest amount of time; etc.
- —and thus how all the investments of time, energy, and money (the "votes") can result in countless ways of earning a living which contribute to the peacebuilding, community resilience, and ecological

regeneration efforts necessary to resolve the Climate Emergency--and other unprecedented challenges-at the same time. As the ancient Chinese proverb says: "Many hands make much work light."

If this kind of selective buying is done in cooperation with Brainstorming 100% ASAP Campaigns, and thousands of Community Visioning Initiatives with supporting Neighborhood Learning Centers, it may be a way to make the "closing window" cultural transformation manageable... as it may be enough of a downsizing of the Total World Energy Demand to match up with the efforts to power electric grids and mini-grids from 100% renewable energy sources. Further, once it becomes clear that people around the world are "getting together" on purchasing, and that many local communities are going to "drive" economies from global to local-and-regional, changes may come more quickly in the upper echelons of governments, international corporations, international banks, etc.--which have been slow to respond to this Climate Emergency.

- 6) Local Newspapers could report on--
- a) the clearinghouse of 5-10 page overviews on how to achieve Zero Carbon ASAP
- b) the preliminary surveys of 150 key local leaders
- c) the different stages of the local Community Visioning process: preliminary surveys; assembling a steering committee; planning and coordination with a variety of local leaders; brainstorming meetings identifying challenges; workshops prioritizing the challenges; brainstorming meetings identifying solutions; workshops prioritizing the solutions; providing access to priority solutions and action plans in a large meeting center (so that citizens can mark preferences and decide where they will participate)etc.
- d) the countless workshops, and other informal learning, at Neighborhood Learning Centers
- e) the job fairs at the end of the Community Visioning process
- f) and, in addition, add a new section in their paper, which might be called "Neighbor to Neighbor Community Education". This new section would be used to highlight and accumulate stories, personal experiences, and other forms of reader contributions which identify helpful people and valuable resources, and reinforce important community goals. (Step 13 in the CPCS Initiative document "Growing Wisdom and Compassion in Small Communities (13 Steps)" is a longer overview of this idea)
- 7) Residents (especially those who are unemployed) who volunteer time and energy to assist with Community Visioning and Neighborhood Learning Centers--and to advance resulting action plans—could receive, as compensation, local currency (which, because it can only be spent in local community business, helps support the local economy).
- 8) Local leaders of religious/spiritual traditions could step up on every frontline possible to help people understand the urgent need to—
- a) sacrifice personal desires for the greater good
- b) choose forgiveness, and reconciliation--and abstaining from violent conflict resolution--as a way of bringing cycles of violence to an end

c) create community life and cultural traditions which "... bring to the fore how many good people there are, how many ways there are to do good, and how much happiness comes to those who extend help, as well as to those who receive it".

Thus--

Many Colleges and Universities assisting with carrying out local Community Visioning Initiatives

- + many supporting Neighborhood Learning Centers
- = an exponential acceleration in solution-oriented activity.

1000 time-intensive Community Visioning Initiatives, in communities around the world, would create—

- --an exponential acceleration in solution-oriented investment
- --an exponential acceleration in solution-oriented employment
- --an exponential acceleration in our collective capacity to overcome the challenges of our times.

Complete Brainstorming Paper: "Brainstorming 100% Reduction in Greenhouse Gas (GHG)Emissions ASAP Campaign" (157 pages; June, 2019) (Note: 11 Appendices account for 113 pages)

We are at one of the most critical crossroads humanity has faced since the dawn of civilization.

It is very, very important that most people know how close we are to irreversible Global Heating, how close we are to catastrophic Climate Crises and Extinction Crises... and what to do to very, very quickly move towards positive tipping points.

"... there are truths which none can be free to ignore, if one is to have that wisdom through which life can become useful. These are the truths concerning the structures of the good life and concerning the factual conditions by which it may be achieved...."

("General Education in a Free Society; The Harvard Committee, 1945)

(more)

C. About The Community Peacebuilding and Cultural Sustainability (CPCS) Initiative (at www.cpcsi.org)

The "Brainstorming Zero Carbon ASAP Campaign" is a project of The Community Peacebuilding and Cultural Sustainability (CPCS) Initiative (at <a href="https://www.cpcsi.org">www.cpcsi.org</a>). The CPCS Initiative provides research and analysis for critical challenge alerts, and research and support for collaborative problem solving, community education, and citizen peacebuilding initiatives which seek to maximize citizen participation, and accelerate solution-oriented activity.

Stefan Pasti is the founder and resource coordinator for The Community Peacebuilding and Cultural Sustainability (CPCS) Initiative. Mr. Pasti's most recent papers include:

- "Brainstorming 100% Reduction in Greenhouse Gas (GHG) Emissions ASAP Campaign"
   (157 pages; June, 2019)
- 2) <u>"Harvest Song"</u> (Summary Document) [78 pages (3.9 MB); Nov-Dec, 2018] Includes two sections: Convergence of Unprecedented Challenges and Convergence of Unprecedented Solutions. 20 tweets from many people; 26 text boxes with information, statistics, graphics; 65 links; 17 text boxes by Mr. Pasti.
- 3) <u>"Convergence of Critical Challenges Alert to Peacebuilders, Chaplains"</u> (February, 2017) In February, 2017, The CPCS Initiative sent a convergence of critical challenges alert--an introduction to the full text document "Convergence of Critical Challenges Alert to Peacebuilders, Chaplains" (10 pages; approx. 3500 words)--which was directed to:
- a) peacebuilding organizations and peacebuilding graduate study programs
- b) chaplains and offices of religious and spiritual life at universities and colleges
- c) national and international organizations associated with religious and spiritual life in higher education

- D. Potential Partners for Collaboration and Accelerating Multiplier Effects
- 1) University Associations plus Climate Mobilization, Divest/Invest, Covering Climate Now
- 2) Collaborative Problem Solving, Stakeholder Engagement, Citizen Participation
- 3) Vote with Your Dollar Experience
- 4) Low Carbon and Sustainable Demonstration Sites
- 5) Other Possible High Impact Collaborators

- 1) University Associations plus Climate Mobilization, Divest/Invest, Covering Climate Now
- a) The Higher Education Sustainability Initiative (HESI)

"The Higher Education Sustainability Initiative (HESI) is a partnership between United Nations
Department of Economic and Social Affairs, UNESCO, United Nations Environment, UN Global Compact's
Principles for Responsible Management Education (PRME) initiative, United Nations University (UNU),
UN-HABITAT, UNCTAD and UNITAR, was created in 2012 in the run-up to the United Nations Conference
on Sustainable Development (Rio+20). With commitments from over 300 universities from around the
world, HESI accounted for more than one-third of all the voluntary commitments that were launched at
Rio+20. Through its strong association with the United Nations, HESI provides higher education
institutions with a unique interface between higher education, science, and policy making."
(from https://sustainabledevelopment.un.org/sdinaction/hesi)

#### **Second Nature**

#### @LeadOnClimate

Accelerating climate action in, and through, higher education by mobilizing a diverse array of higher education institutions to act on climate.

[Initiatives include: 1) The Climate Leadership Network—"comprises colleges and universities in nearly every state and the District of Columbia who are taking action on climate and preparing students through research and education to solve the challenges of the 21st century" (from <a href="https://secondnature.org/climate-action-guidance/network/">https://secondnature.org/climate-action-guidance/network/</a>) 2) The University Climate Change Coalition—"leading North American research universities that will prototype a collaborative model designed to help local communities achieve their climate goals and accelerate the transition to a low-carbon future." (from <a href="https://secondnature.org/initiative/uc3-coalition/">https://secondnature.org/initiative/uc3-coalition/</a>)]

### **AASHE**

#### @AASHENews

An association of colleges and universities that are working to create a sustainable future. ["AASHE is comprised of over 900 members across 48 U.S. states, 1 U.S. Territory, 9 Canadian provinces and 20 countries." (from <a href="https://www.aashe.org/about-us/who-we-are/">https://www.aashe.org/about-us/who-we-are/</a>)

### The Climate Mobilization

# @MobilizeClimate

We're building a movement for WWII-scale mobilization that protects humanity and the natural world. Join us! ["over 1000 local governments (that) have declared a Climate Emergency" (as of 9/18/19)(see <a href="https://www.theclimatemobilization.org/climate-emergency-campaign">https://www.theclimatemobilization.org/climate-emergency-campaign</a>)]

**Divest Invest** 

@divestinvestorg

A dynamic movement of investors catalyzing shifts in finance & energy. Let's #FuelChange: Pledge to divest from fossil fuels and invest in clean energy for all. [December 18, 2018--"In less than 5 years, the global fossil fuel divestment movement has won over 1000 commitments worth nearly \$8trillion from institutions ranging from universities and banks, to the world's largest sovereign wealth funds and major capital cities." From the article "Major milestone: 1000+ divestment commitments" at the Go Fossil Free website (see <a href="https://gofossilfree.org/major-milestone-1000-divestment-commitments/">https://gofossilfree.org/major-milestone-1000-divestment-commitments/</a>)]

**Covering Climate Now** 

@CoveringClimate

Covering Climate Now, co-founded by @cjr and @thenation, is a global journalism initiative to bring more and better coverage to the story of our time. [August 28, 2019—"More than 170 news outlets from around the world with a combined audience of hundreds of millions of people have signed on for Covering Climate Now, a project co-founded by Columbia Journalism Review and The Nation, aimed at strengthening the media's focus on the climate crisis. From article "A New Commitment to Covering the Climate Story: More than 170 news outlets" by Mark Hertsgaard and Kyle Pope (at <a href="https://www.thenation.com/article/covering-climate-now-media-change/">https://www.thenation.com/article/covering-climate-now-media-change/</a>)]

**Eco-Schools Global** 

@EcoSchoolsInt

Eco-Schools is the largest #sustainable #schools #ESD programme in the world, supporting #SDGs. Owned and run by FEE International @FeeInt #GreenFlag

Teachers W/O Borders

@teachersnetwork

Teachers Without Borders connects teacher leaders, worldwide, to information and each other

**Gaia University** 

@Gaia University

The University for World Changers. Transformative Action Learning Degrees for Ecological and Social Regeneration.

Ashoka U

@AshokaU

Transforming universities into hubs of social innovation. Join us here: http://ashokau.org/subscribe/

**Talloires Network** 

@TalloiresNet

Universities that engage communities, serve the public, and collaborate across borders.

**Campus Compact** 

@Campus\_Compact

We are a coalition of 1,000 colleges and universities dedicated to advancing the public purposes of higher education.

## 2) Collaborative Problem Solving, Stakeholder Engagement, Citizen Participation

# a) planning NEXT

Services: Pre-Planning; Strategic Planning + Visioning; Comprehensive Planning + Urban Design; Social

Media + Web-Based Communication; Visual Communication

Current and Recent Work (Portfolio) (at <a href="https://www.planning-next.com/work/">https://www.planning-next.com/work/</a>) includes:

"Project Type: Vision and Strategic Plan

Community Type: County

Client: City of Flint, Genesee County and Flint & Genesee Chamber of Commerce

Services: public engagement, online engagement, plan development"

and 16 more, each with an overview and a link to the website of the local project

### b) The Green America Center for Sustainability Solutions

"The Green America Center for Sustainability Solutions brings diverse stakeholders from the entire supply chain or system into each Innovation Network to solve the problems no one business, organization or individual can solve alone. For example, in agriculture supply chains, everyone from seed breeders and farmers to grain traders and transporters to food manufacturers, distributors and retailers to investors and policy makers to academic experts and NGO advocates to the people who eat the food. We organize each Innovation Network around a powerful vision of what's possible. Rapidly mapping system dynamics. we develop, test and deploy pragmatic solutions to shift systems toward audacious sustainability goals. We identify and work with the collaborative leaders who have the greatest potential to lead systemic change."

(from http://www.centerforsustainabilitysolutions.org/about-center)

"Our Innovation Networks are distinguished by our highly-effective stakeholder selection methodology, our integration of human-centered design practices to produce solutions that work for real people in the real world, and our ability to swiftly move toward systemic solutions."

(from http://www.centerforsustainabilitysolutions.org/about-our-approach)

## 3) Vote with Your Dollar Experience

#### a) Green America

"Every dollar you spend is an opportunity to "vote" for the kind of world you believe in. One measure of the astounding growth of the green economy is the rapid scaling up of some of the green businesses listed in the National Green Pages™ over the past 25 years. When we first launched our green products catalog, the precursor to our Green Pages, we had to hunt high and low and find the 28 green companies we included. Today, our Green Business Network™ includes nearly 5,000 socially and environmentally responsible companies offering over 100,000 green products and services. Every one of them has a community-building, planet-restoring mission at its heart.

"Green America's individual members are a powerful force when they act together and decide to shop differently for people and the planet.

"Commit today to becoming an even more conscious consumer:

- Buy green: from businesses that solve rather than cause environmental and social problems.
- Buy local: Patronizing businesses in your city or town keeps money circulating in your local economy. When you choose products that are locally grown and made, and weren't shipped a great distance to reach you, you limit your global warming footprint. If you can direct your dollars to items that are both green and local, even better!"

(from https://www.greenamerica.org/25-ways-green-world/buy-green-and-local)

#### b) Worldwatch Institute

"Think of the "stuff" you buy and use in any given day. You might have a chicken sandwich and a soda for lunch. You fill your car with gasoline. You call a friend on your cell phone. At school or at the office, you print out dozens of e-mails and other documents. Now multiply these everyday actions by all the days in the year, and by the billions of other consumers worldwide. From gas-guzzling cars to clothes made in crowded "sweatshops," the result is a significant impact on the planet and the world's people. The good news is that consumer choices also represent daily opportunities to support alternatives that are better for our health and for the environment. Businesses, governments, and concerned citizens can harness their purchasing power to build markets for less-hazardous products, such as organic foods, chemical-free cleaning products, 'green' electricity, and low emission cars and trucks. Around the world, the consumer class—people with access to products like televisions and the Internet, as well as the culture and ideas that these media transmit—is growing rapidly."

[From the Introduction to "Good Stuff?: A Behind the Scenes Look at the Things We Buy" (at <a href="http://www.worldwatch.org/system/files/GoodStuffGuide\_0.pdf">http://www.worldwatch.org/system/files/GoodStuffGuide\_0.pdf</a> )(31 pages; Worldwatch Institute, 2004). "Good Stuff" is a companion guide to the Institute's State of the World 2004, which focuses on the consumer society.]

## c) Oxfam

"These 10 companies make a lot of the food we buy. Here's how we made them better." (article) "It sounds like a conspiracy theory, but it's true: There really are 10 companies that control most of the food and drinks you'll find in the grocery store. Between them, these giants--whose revenues add up to more than a billion dollars a day--own hundreds of common brands, from Cheerios to Ben & Jerry's, Odwalla to Tropicana. (Infographic re 10 companies, and what products they make, at <a href="https://www.oxfamamerica.org/explore/stories/these-10-companies-make-a-lot-of-the-food-we-buy-heres-how-we-made-them-better/">https://www.oxfamamerica.org/explore/stories/these-10-companies-make-a-lot-of-the-food-we-buy-heres-how-we-made-them-better/</a>.)

"So why should these huge companies care about doing business responsibly? First, because their global operations touch countless lives.... Second, because shoppers these days think about factors like fairness and sustainability--and we're increasingly (and successfully) demanding that the brands we buy do the same. These food companies may be big, but no company is too big to listen to its customers. (from <a href="https://www.oxfamamerica.org/explore/stories/these-10-companies-make-a-lot-of-the-food-we-buy-heres-how-we-made-them-better/">https://www.oxfamamerica.org/explore/stories/these-10-companies-make-a-lot-of-the-food-we-buy-heres-how-we-made-them-better/</a>)

"Oxfam's Behind the Brands campaign aims to provide people who buy and enjoy these products with the information they need to hold the Big 10 to account for what happens in their supply chains. In putting together a scorecard based entirely on publicly available information on company policies, we posed the question 'what are they doing to clean up their supply chains'?"

(from https://www.behindthebrands.org/about/)

## d) Berkshares

"... local currencies are once again being recognized as a tool for sustainable economic development. The currency distinguishes the local businesses that accept the currency from those that do not, fostering stronger relationships between the responsible business community and the citizens of the region. The people who choose to use the currency make a conscious commitment to buy local, and in doing so take a personal interest in the health and well-being of their community by laying the foundation for a truly vibrant, thriving economy."

(from the "What are Berkshares?" subsection of the Berkshares website (at http://www.berkshares.org/what are berkshares)

#### e) CDP

@CDP

We run the global environmental disclosure system for business & subnational governments. Voted #1 for climate research by investors. Founding member @WMBtweets

[Also: "Our work (CDP) with supply chains includes 115 purchasing organizations and more than 11,500 suppliers to identify and manage climate change, deforestation and water-related risks. By supporting collaboration and transparency in the value chain, our supply chain member companies can engage with their suppliers to tackle risks, take advantage of opportunities and ensure business continuity." See CDP Supply Chain Members ("These 125 CDP supply chain members – purchasing organizations – are engaging over 13,000 suppliers on environmental issues") at <a href="https://www.cdp.net/en/supply-chain">https://www.cdp.net/en/supply-chain</a> .]

- 4) Low Carbon and Sustainable Demonstration Sites
- a) Ecovillage Findhorn

@EcoFindhorn

Ecovillage Findhorn is dedicated to radical education. Passionate about sustainable communities? Experience Design for Sustainability or Ecovillage Training (Location: Findhorn, Scotland) https://www.ecovillagefindhorn.com/

"A pioneering ecovillage since 1985, receiving Best Practice designation from the United Nations Centre for Human Settlements (Habitat). A major centre for holistic learning serving 9,000 visitors a year from over 50 countries. The Findhorn Foundation has one of the lowest recorded ecological footprints for any community in the industrialized world, just half the UK national average, and has birthed more than 50 businesses and social ventures in the local region."

"• Over 60 ecologically benign buildings • Numerous solar water heating systems • Three wind turbines with total capacity = 675kW; Biomass boiler heating system total capacity = 250 kW • Biological Living Machine sewage treatment system • Comprehensive recycling and composting scheme • Our own community currency and community investment fund • Served by a car-sharing club that includes zero-emissions electric vehicles" [website redesigned; cannot find above summary; however detailed overviews exist in separate categories (see bottom of webpage above)]

#### **Low Carbon Presentations**

(at <a href="https://www.ecovillagefindhorn.com/index.php/ecovillage-findhorn/resources">https://www.ecovillagefindhorn.com/index.php/ecovillage-findhorn/resources</a>)

"Over 10 years CIFAL Findhorn/Scotland has hosted over 100 seminars addressing policy development and technical issues related to climate change, renewable energies, biodiversity, low-carbon housing, SDGs, circular economy, green jobs, transition towns, local and bioregional food systems, hydrogen economy, sustainable islands and many other themes."

b) Centre for Alt Tech

@centre\_alt\_tech

The Centre for Alternative Technology is an environmental education charity providing practical solutions for sustainability. (Location: Machynlleth, Wales)

"We offer solutions to some of the most serious challenges facing our planet and the human race... Leading by example, we aim to show that living more sustainably is not only easy to attain but can provide a better quality of life. Our site is a unique and valuable practical demonstration centre, which includes: photovoltaics; solar thermal; a micro-grid; off-grid and grid-connected systems; biomass combined heat and power (CHP); hydro; air source heat pumps; a community heat main; a range of small to medium wind turbines; two reed bed systems; offmains water supply; and extensive organic gardens.... Our day-to-day activities include a) running a visitor centre

which is open 7 days a week, with 7 acres of interactive displays b) providing curriculum-based education to visiting schools, colleges and universities."

[website redesigned; cannot find above summary; however, detailed overviews exist in separate categories (see "Free Information Services at <a href="https://www.cat.org.uk/info-resources/free-information-service/">https://www.cat.org.uk/info-resources/free-information-service/</a>]

"Since its inception in 2007, the Zero Carbon Britain project (also by CAT) has offered the hard data and confidence required for visualising a future where we have risen to the demands of climate science. It has helped to reduce fear and misunderstandings and open new, positive, solution-focused conversations....

"We can provide a reliable energy supply for the UK with 100% renewable energy sources and flexible carbon neutral back up.

"We can grow the vast majority of the food we need for a healthy, low carbon diet, and manage our land to capture carbon, nurture biodiversity and increase the health and resilience of our ecosystems.

"We can deliver a modern lifestyle, create employment, improve our wellbeing, and ensure that the future we leave for our children and generations to come is safe and sustainable."

(**However**) "Changing how billions of people live on Planet Earth is a very special kind of problem, as the forces that shape our lives exist on many different levels. Rather than an unresolved technical challenge, it is increasingly accepted that we face a mix of economic, cultural and psychological barriers."

[The "Since its inception..." sentence, and the following three sentences above, were at the home page of "Zero Carbon Britain"; however, their website was redesigned--not sure where they went. Re the above quote "Changing how...", the first sentence is now on p. 9 in section "Net Zero is Achievable" in "Raising Ambition: Zero Carbon Scenarios from Around the World" (at <a href="https://www.cat.org.uk/info-resources/zero-carbon-britain/research-reports/zero-carbon-britain-raising-ambition/">https://www.cat.org.uk/info-resources/zero-carbon-britain/research-reports/zero-carbon-britain-raising-ambition/</a>), and the second sentence introduces another document "Zero Carbon Britain: Making It Happen" (at <a href="https://www.cat.org.uk/info-resources/zero-carbon-britain/">https://www.cat.org.uk/info-resources/zero-carbon-britain/</a>)]

→(New) "New hub and innovation lab to share zero carbon solutions" (July 29. 2019) "A new Zero Carbon Britain Hub and Innovation Lab is being launched at CAT later this year to help communities, local authorities and policymakers to create Zero Carbon Action Plans, and to provide support for the development of innovative solutions." [From a blog post at the Centre for Alternative Technology (at <a href="https://www.cat.org.uk/new-hub-and-innovation-lab-to-share-zero-carbon-solutions/">https://www.cat.org.uk/new-hub-and-innovation-lab-to-share-zero-carbon-solutions/</a>)]

#### 5) Other Possible High Impact Collaborators

**IRENA** 

@IRENA

The International Renewable Energy Agency is an intergovernmental organisation that supports countries in their transition to a sustainable energy future.

GCCA

@tcktcktck

The Global Call for Climate Action is an alliance of more than 450 global nonprofit organisations working towards real progress on climate change.

Climate Action Network-International

@CANIntl

Network of over 1200 NGOs fighting climate change. Watch here for updates on UN climate talks, our ECO newsletter, Fossil of the Day & other member activities.

Project Drawdown

@ProjectDrawdown

Project Drawdown is a research, analysis, and communications NGO working toward Drawdown, the point when greenhouse gases begin to decline. #climatesolutions

**Solutions Project** 

@SolutionsProj

Accelerating the transition to 100% clean, renewable energy for all. Follow @100IsNow for more updates.

**IUCN** 

@IUCN

For over 70 years, IUCN has provided organisations with knowledge and resources needed to address environmental challenges and achieve sustainable development.

GIIN

@theGIIN

The Global Impact Investing Network is a nonprofit organization dedicated to increasing the scale and effectiveness of impact investing.

**Bloomberg Philanthropies** 

@BloombergDotOrg

Bloomberg Philanthropies works primarily to advance five areas globally: the Arts, Education, the Environment, Government Innovation and Public Health.

Global Philanthropy

@GlobalPhilGrp

We advise the world's leading philanthropists.

Global Fund for Women

@GlobalFundWomen

Global Fund for Women is a champion for gender equality, standing up for women and girls to be strong, safe, powerful, and heard.

WomensFundingNetwork

@womensfunding

A network of 100+ funds, foundations, and orgs investing money and influence in gender equity.

#WomenFunded19: Leadership for a Changing World, 09/11-13, SF

Landesa

@Landesa\_Global

Helping to ensure economically disempowered rural women and men have secure #landrights to improve their families' nutrition, security, education & livelihood.

Clean Cooking Alliance

@cleancooking

Working with a global network of partners to make clean cooking accessible to the three billion people who live each day without it.

Scaling Off-Grid Energy

@ScalingOffGrid

Scaling Off-Grid Energy Grand Challenge for Development @USAID @GlobalDevLab @DFID\_UK @ShellFoundation @PowerAfricaUS @AFDB\_Group №: http://bit.do/ScalingOffGrid

Global Ecovillage Network

@GEN\_Ecovillages

The Global Ecovillage Network (GEN) is a growing network of sustainable communities and initiatives that bridge different cultures, countries, and continents.

MicrogridNews

@MicrogridNews

Microgrid Knowledge is the leading news source for the microgrid industry. We're focused on advancing the adoption of microgrids.

Solar Cookers Int'l

@solarcookersint

Solar Cookers International promotes solar thermal technology for cooking and water pasteurization to benefit people and the environment.

Futurepump

@futurepump

Low-cost #solar irrigation pumps for the world's 500 million one acre farmers. #agriculture #lowcarbon #innovation contact us via our website