

ON CLIMATE & THE FUTURE OF FOOD

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The Global Alliance for the Future of Food is a strategic alliance of philanthropic foundations working together and with others to transform global food systems now and for future generations.

We believe in the urgency of transforming global food systems, and in the power of working together and with others to effect positive change. Food systems reform requires that we craft new and better solutions at all scales through a systems-level approach and deep collaboration amongst philanthropy, researchers, grassroots movements, the private sector, farmers, food systems workers, Indigenous Peoples, government, and policymakers.

As the Global Alliance, we aim to: 1) forge new insights and strengthen evidence for global systems change; 2) convene key food systems actors, facilitate meaningful dialogue, and strengthen interconnections; and 3) stimulate local and global action and interaction for transformational change to realize healthy, equitable, renewable, resilient, interconnected, and culturally diverse food and agriculture systems shaped by people, communities, and their institutions.



AGROECOLOGY CIMAIR
CIMAIR

THE FUTURE OF FOOD IS AT STAKE

Ensuring the sustainability, security, and equity of our food systems is one of the most defining issues of our time.

The future of food is at stake, and the status quo is jeopardizing the efforts of many foundations, governments, businesses, farmers, and others to promote food access, food security, food equity, human health, and a sustainable environment.

As an alliance of mostly private foundations, we have the privilege, the responsibility, and the opportunity to leverage our resources and networks to get sustainable food systems on the political, economic, and social agenda. We bring diverse perspectives together to inform how we, as a global community, will shape the future of food.

A system as vastly complex as food requires that we apply a systems approach. To understand and influence the interrelated economic, ecological, and social drivers of our current food systems, the Global Alliance is initially focused on *Agroecology*, *Climate*, *Health and Well-being*, and *True Cost Accounting* as our four priority impact areas.

FOOD AND AGRICULTURE SYSTEMS ARE SIGNIFICANT **CONTRIBUTORS TO.** AND HEAVILY IMPACTED BY, CLIMATE CHANGE. WE NEED A RADICAL TRANSFORMATION, NOT **INCREMENTAL SHIFTS, TOWARD GLOBAL LAND-USE AND FOOD SYSTEMS** THAT SERVE **OUR CLIMATE** NEEDS.

ALIGNING CLIMATE AMBITION WITH SUSTAINABLE, EQUITABLE, AND RESILIENT FOOD SYSTEMS

Profound changes in the way food is grown, processed, distributed, consumed, and wasted over the last several decades have led to increasing threats to a future of food that is sustainable, equitable, and secure, particularly when coupled with climate change and shifting global economics, politics, and demographics.

We need to do things differently.

We work with diverse partners and communities to build a collective vision and identify strategic pathways via changes in agricultural and food production practices and global food systems. We recognize the interrelationship between climate change, biodiversity, health, food security, land rights, and human rights and the uneven burden of climate change impacts on low-income countries and vulnerable populations.



ADDRESSING THE CLIMATE-FOOD SYSTEMS NEXUS FOR MAXIMUM IMPACT

At the Global Alliance, we aim to transform food systems to reduce greenhouse gas concentrations and improve the climate resiliency of food systems globally.

Through our work on climate we aim to:

- Establish a connected and coordinated philanthropic network, including the climate-funding community, to amplify our collective voice and reach on the global stage.
- Reframe the food systems and climate narrative through targeted research and strategic communications to underscore the co-benefits of sustainable food systems, helping those messages better resonate with diverse communities.
- Engage climate negotiators, NGOs, academics, farmers and practitioners, philanthropists, the private sector, multilateral institutions, and others to develop shared priorities and strategic pathways for food systems transformation.





A BROADER FOOD
SYSTEMS APPROACH
CREATES MORE LEVERS
AND OPPORTUNITIES
FOR RADICAL CHANGE
AT SCALE. IT ALSO MEANS
THAT THE FULL RANGE
OF STAKEHOLDERS CAN
BE ENGAGED IN THE
TRANSFORMATION
REQUIRED.

INTERNATIONAL DIALOGUE ON CLIMATE CHANGE AND FOOD SYSTEMS

In 2017, the Global Alliance hosted its 2nd International Dialogue: The Future of Food in a Climate Changing World, an event that brought together over 250 experts and leaders from the local to the global to gain deeper insights into the connections between climate change and food systems, to craft visions of the food systems we need today and tomorrow, and to chart potential pathways to get there.

CLIMATE CHANGE AND FOOD SYSTEMS: ASSESSING IMPACTS AND OPPORTUNITIES

In preparation for the 2nd International Dialogue, the Global Alliance commissioned a report to assess impacts and opportunities related to addressing climate change and food systems at national/global levels, identifying mitigation and adaptation opportunities to create an environment in which food systems can be resilient and adapt in a changing environment. The final report published by Meridian Institute was released in March 2018.

A STATEMENT ON SUSTAINABLE ANIMAL AGRICULTURE

In March 2016, the Global Alliance for the Future of Food met with experts, advocates, and other funders working on sustainable animal agriculture systems to determine a shared narrative and position, and to identify opportunities for collective action. The Global Alliance issued a statement recognizing that animal agriculture and meat consumption sit at the nexus of climate change, health, environment, and well-being for communities around the globe. It pointed out that sustainable animal agriculture, particularly when integrated into diversified, ecologically sound farming systems, can contribute to resolving pressing global issues, especially climate change.









New Field Foundation supports the Roots Program of Kōkua Kalihi Valley Comprehensive Family Services (KKV). The initiative is deeply connected to traditional Hawaiian culture and values while embracing other Indigenous Pacific Rim traditions from centuries of cross-cultural collaboration in Kalihi, KKV uses an Indigenous perspective to guide its programs. The Roots Program is modelled on the pilinahā (four connections) framework, which describes people's connection to land, community, one's self, and past and future realities. This cultural foundation recognizes Kalihi residents as part of an interconnected ecosystem in the Kalihi ahupua'a, the traditional Hawaiian landscape stretching from the top of the mountains to the ocean. The Roots Program offers skill-building workshops on mālama 'āina (caring for the land), seed-saving, food harvest, food preparation, and family nutrition. Community members learn to grow, select, and conserve diverse and adaptable seeds that are connected to Kalihi Valley lands as a fundamental skill. This "way of life" is based on agroecological practices that have been shown to improve soil health, carbon sequestration, as well as adaptation to climate change.





The Barilla Center for Food & Nutrition leads SU-FATABLE LIFE, a 3-year EU-funded project that aims to demonstrate the potential of reducing greenhouse gas emissions and water use related to food consumption. SU-EATABLE LIFE's aim is to show that the adoption of a sustainable and healthy diet can benefit people's personal health and the environment, leading to savings of about 5,300 tons of CO₂ equivalent and 2 million cubic metres of water within 3 years. Considering the entire European population and adopting a medium- to long-term perspective, it is hoped that this approach will significantly contribute to reaching the EU target of achieving a 40% reduction in greenhouse gases by 2030. The project engages different stakeholders, such as schools, universities, municipalities, private companies, NGOs, as well as the public at large through public fora and a digital platform. A series of engagement activities will be carried out at worksites and university canteens located in Italy and the U.K., combining educational activities with a sustainable food offering. It will also make use of a dedicated digital platform to engage people.







The Rockefeller Foundation, in partnership with global partners, is launching the "Food System Vision Prize." Many visions of the future, especially in popular culture, are dystopic. Without a positive, inspiring, and holistic vision of the future, however, we cannot unleash the creativity needed for transformative change. The aim of the Food System Vision Prize is to encourage groups all over the world to effectively describe a vision of the food system in their respective agroecological region in 2050. The idea is to stimulate visions for local food systems that: 1) align with a flourishing culture and community; 2) nourish the entire population; 3) respond to climate change; and 4) protect and regenerate the environment. Rockefeller's Food System Vision Prize is distinct from most other challenge prizes as it focuses less on sourcing innovations with clear technical specifications and more on developing compelling descriptions of visions of the future with a food systems lens.





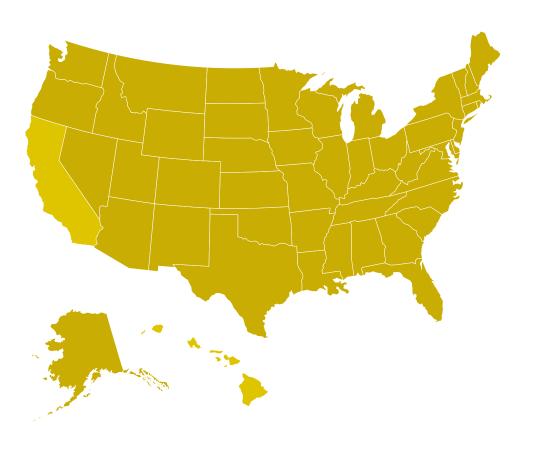
The Tudor Trust is supporting several organizations in Zimbabwe, such as the Njeremoto Institute, Chikukwa Ecological Land Use Community Trust, and the TSURO Trust, to implement, laterally replicate, and facilitate learning around Holistic Land and Livestock Management (HLLM, a form of Holistic Grazing Management). The HLLM approach: 1) helps communities understand the role of livestock in regenerating rangelands; 2) empowers communities with tools to plan their grazing in order to minimize over-grazing (livestock do not return to the same place for 90 days or more); and 3) uses cattle hooves to break capping on the soil. All this, in turn, means less runoff and more penetration by rain into the soil. The results are beginning to show via improved grazing areas and a reduction in cattle loss during droughts, for example. Work with multiple livestock owners is long, patient, and complex but has consistent adoption and benefits both the farmer and the landscape. The approach has the potential to secure the livelihoods of farming communities while making a significant contribution toward CO₂ emissions reduction because carbon is captured in soil and in biomass through these HLLM practices, which encourage soil cover and biodiversity rather than bare ground.





FONDATION DANIEL ET NINA CARASSO

The Fondation Daniel et Nina Carasso supports projects that fight for climate justice through sustainable, healthy, and equitable food systems that are culturally adapted and affordable for all in France and Spain. This includes the foundation's support for the Le Réseau Action Climat (RAC-F), a federation of national and local associations taking action to stop climate change, and Solago, an associative company that, based on input from experts, developed a coherent prospective vision of agricultural, food, and forestry systems for France (Afterres 2050). Their work complements existing efforts focused on shifting to climate-friendly production systems. RAC-F and Solago have gathered evidence from the literature, knowledge from civil society partners, and experiences from selected case studies globally to recommend a set of ambitious climate-friendly food policies at both the local and national level in France. This work will be shared through training sessions with a broad range of civil society organizations and local authorities, and inform advocacy to influence food systems and climate change policy in France.





CLARENCE E. HELLER CHARITABLE FOUNDATION

The Clarence E. Heller Charitable Foundation supports efforts to build soil carbon and stop greenhouse gas emissions from California's farms and ranches. Partners in this work include Community Alliance with Family Farmers, the Carbon Cycle Institute, the Center for Regenerative Agriculture and Resilient Systems at California State University, Chico, and the California Association of Resource Conservation Districts. These initiatives strengthen the research capacities of private public-interest organizations and state institutions to test and monitor the effectiveness of natural climate solutions. Grassroots farming and ranching networks educate their members about soilbased climate strategies for the state's diverse geography, soil types, water availability, and weather conditions. Farmers and ranchers work together to identify beneficial public policy options for climate resilience, adaptation, and mitigation, and to highlight the successes and advance the potential of initiatives that deserve wider adoption and public support.





Regenerative agriculture also supports the improved health, welfare, and rights of people who farm our food and of those who live near and downstream from farms. As well, it leads to thriving local food economies. In order to meet this immediate climate emergency, FORA is building an informal donor network to share knowledge and support collaborative grant-making and investment.







The David Rockefeller Fund is a co-sponsor of a partnership between the Global Alliance for the Future of Food and the Salzburg Global Seminar to co-host an international convening on Food Systems and Climate Change, which will be held in May 2020. This symposium, which will take place in Salzburg, Austria, will build on the deeply rooted work of both organizations by convening stakeholders from a broad range of expertise and perspectives, such as civil society, policymakers, academics, and the private food and financial sectors, representing different geographies and scales. The gathering is a component of an intensive, multi-year process that brings climate and food systems stakeholder communities together to identify areas of collaboration, align around a common vision, and advance a set of shared priorities for the next 3 to 5 years.

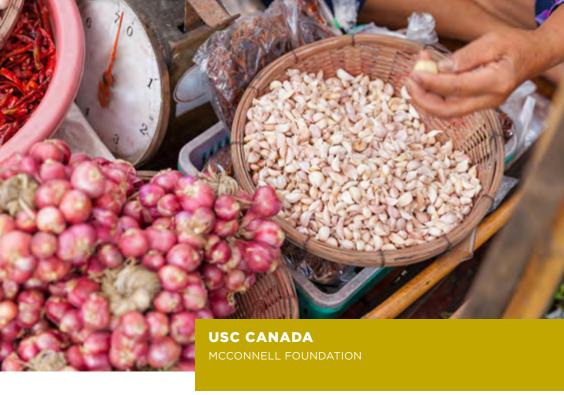






The McKnight Foundation's Collaborative Crop Research Program (CCRP) supports a number of projects that tackle soil health challenges. The high rate of soil carbon loss in many countries is not only bad for climate but also for soil health and agricultural productivity. CCRP is testing agricultural practices that both restore soil health and productivity of the land and enhance the ability of the land to absorb and store carbon from the atmosphere. In arid and semi-arid West Africa — where farmers are working to regenerate soils with naturally occurring trees that provide other landscape and economic benefits — the results have been significant. Data and literature reviews indicate that these "farmer-managed natural regeneration" (FMNR) practices show promise to increase soil carbon by roughly 10 to 15% over current low levels, depending on soil type and tree species.





The McConnell Foundation is supporting USC Canada's initiative on Canadian seed security, which works with over 180 farmers and seed growers and 20 universities and research institutions to build a more secure and diverse seed supply. Activities focus on training, applied research, market development, and support for expanded production and improved public access to seeds. The initiative aims to increase the number of farmers and researchers engaged in participatory plant breeding. The USC also works to remove regulatory barriers that narrow biodiversity and hamper sustainable farming. Finally, the group engages in advocacy campaigns to build awareness of the importance of seed security among farmers, policymakers, and the public. USC Canada and the McConnell Foundation believe that diverse seed systems are essential to ensuring resilience to climate change and that sustainable farming is key to climate mitigation.







The Swift Foundation supports Groundswell International, a network of grassroots organizations working closely with small-scale farmers to strengthen agroecological practices that respect farming as a way of life. Their partners in Guatemala, Honduras, Ecuador, Mexico, Ghana, Mali, Burkina Faso, Senegal, Haiti, and Nepal have deep and longstanding relationships with the communities they serve. Drawing on the collective knowledge of the network, they advocate for agroecology as a science, practice, and social movement that is one of the most decisive solutions to the atmospheric climate disruption and ecological collapse we call climate change. Farmer-led agroecology becomes a virtuous circle that can regenerate land, nourish families, rebuild local economies, and restore democratic participation. The 63,000 family farmers who form the network farm with nature, innovate locally, build topsoil, and sequester water and CO₂. Their work strengthens local food markets, improves nutrition, and regenerates over 180,450 acres of degraded land.





Azim Premji Philanthropic Initiatives, in partnership with the Government of Andhra Pradesh, is supporting Zero Budget Natural Farming (ZBNF). The initiative aims to address vulnerabilities that confront small and marginal farmers who constitute 85% of farmer households in India, and grapple with rising input costs, crippling debt, impacts of climate change, and meagre yields. Distressed, some farmers are being driven to suicide, to mere subsistence, or to migrate in search of better livelihoods. ZBNF aims to: 1) replenish soil health by avoiding chemical fertilizers/pesticides; 2) counter the effects of climate change; and 3) increase food and nutrition security, productivity, improved water and air quality, and human health aligning with the global push for regenerative, agroecological farming. Farmers involved in the initiative are gaining self-confidence and respect as agents of fundamental change, innovators, and bearers of knowledge.







The David and Lucile Packard Foundation and Gordon and Betty Moore Foundation are part of a funders' collaborative, the Climate and Land Use Alliance (CLUA). The Alliance, which includes the Ford Foundation as well as the Climate Works Foundation, seeks to realize the potential of forests and land use to mitigate climate change, benefit people, and protect the environment. CLUA supports international public and private sector policies, programs, and finance that conserve forests and lands, thus increasing their ability to remove carbon from the atmosphere while securing the rights and livelihoods of Indigenous Peoples and rural communities, and protecting biodiversity and ecosystem services. CLUA focuses its grantmaking in key geographic regions that are home to globally important tropical forests with significant potential for mitigating climate change.





THE CHRISTENSEN FUND

The Christensen Fund works with Indigenous Peoples and local communities around the world to increase and achieve resiliency in the face of new and old climate threats. From utilizing and sharing traditional ecological knowledge such as building techniques meant to withstand hurricanes in Vanuatu to maintaining non-irrigated dryland farming practices in Hopi homelands, communities in each of our priority grantmaking regions are experiencing the impacts of a changing climate. Age-old landscape management practices like pastoralism in Northern Kenya and Kyrgyzstan and agroforestry in Ethiopia and Papua New Guinea are being adopted to not only respond to changing circumstances but also to serve as active mitigation techniques for preserving intact or fragile ecological zones as well as community livelihoods and lifeways. In the past decade Indigenous networks such as the Asia Indigenous Peoples' Pact or International Indian Treaty Council have continued to join forces in international climate treaty negotiations, helping to bring about global recognition of the role of biocultural stewards in climate mitigation and pushing for the preservation of our global home.







The V. Kann Rasmussen Foundation support 52 Climate Actions, an initiative that aims to inspire people to make small — but collective and powerful — changes to the way we live, work, and play to help slow down, mitigate, and adapt to climate change. The first phase of the initiative is a website of practical ideas for a low-carbon lifestyle that people can use in their own lives and communities: www.52climateactions.com. The website is built on three assumptions about climate change: 1) it's human-made; 2) it has serious consequences that are going to get worse; and 3) all of us, individually and together, can (and should) do something about it. This initiative is underpinned by permaculture (www.permaculture.org.uk), a worldwide movement of people making positive change, with each individual action highlighting the Earth Care, People Care, and Fair Share ethics behind it. The aim is to empower people and make it easy for them to take positive action so that, in turn, many small, positive acts effect a paradigm shift in the way we collectively approach climate change.





11TH HOUR PROJECT



The 11th Hour Project works to build the political power of affected communities to lead a just transition to an agricultural economy that respects and nourishes our ecosystem and communities while restoring the carbon cycle. To realize this vision, 11th Hour Project invests in coordination across the political spectrum and uses its grant dollars to support a suite of approaches such as land access, equitable finance pathways, strengthening farmer-managed seed systems, rebuilding regional food and fiber infrastructure, and farmer-to-farmer networks. Our grantees, like the Southeastern African-American Farmers Organic Network (SAAFON) in the United States and in sub-Saharan Africa, and the Alliance for Food Sovereignty in Africa (AFSA), are advancing regenerative agroecological farming models and shifting public and private investment into practices that address the urgency of climate change and global inequity. By supporting networks to reveal the true costs of industrial agriculture and bringing tools together in targeted communities to allow for creative risk-taking, 11th Hour Project is developing proof that another future is possible.





PRINCIPLES THAT GUIDE OUR WORK

The Global Alliance's vision and its actions are guided by a set of shared principles that, when taken together, help us to see food systems in necessary and powerful new ways, make more informed, comprehensive, and principled decisions, and avoid siloed approaches, unintended consequences, and limited, narrow, short-term solutions.



RENEWABILITY

Address the integrity of natural and social resources that are the foundation of a healthy planet and future generations in the face of changing global and local demands

RESILIENCE

Support regenerative, durable, and economically adaptive systems in the face of a changing planet





DIVERSITY

Value our rich and diverse agricultural, ecological, and cultural heritage



HEALTHFULNESS

Advance the health and well-being of people, animals, and the environment, and the societies that depend on all three

EQUITY

Promote sustainable livelihoods and access to nutritious and just food systems



INTERCONNECTEDNESS

Understand the implications of the interdependence of food, people, and the planet in a transition to more sustainable food and agricultural systems



WORKING TOGETHER TO REALIZE THE FUTURE OF FOOD WE WANT AND NEED

Inaction is not an option. Transformational change at the scale and speed needed will require all actors to do their part, and significant resources to adequately and effectively support this critical work. For current and future generations, this is a shared responsibility upon which we, as a global community, simply must act to find new positive pathways forward, together.

Connect with us to find out how you can engage in efforts on climate.

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DIVERSE STAKEHOLDERS MUST WORK TOGETHER ACROSS CONTEXTS AND SCALES TO BUILD **UNDERSTANDING. WORK** THROUGH TENSIONS. AND **CO-CREATE INNOVATIVE SOLUTIONS FOR SUSTAINABLE FOOD SYSTEMS. DEEP AND** LASTING CHANGE CAN ONLY **COME FROM THE CONFLUENCE** OF PERSPECTIVES AND **DIALOGUE ACROSS MULTIPLE SECTORS THAT DO NOT ORDINARILY WORK TOGETHER** TO SEEK A COLLECTIVE PATH FORWARD.

