

PRESENTS THE 16TH ANNUAL AREDAY SUMMIT



American Renewable Energy Day™

THE POLITICS OF CHANGE: CREATING THE
NEW HYDROGEN-CARBON ECONOMY

AUGUST 14-17, 2019





“Sometimes we just simply have to find a way. The moment we decide to fulfill something, we can do anything. And I’m sure that the moment we start behaving as if we were in an emergency, we can avoid climate and ecological catastrophe. Humans are very adaptable: we can still fix this. But the opportunity to do so will not last for long. We must start today. We have no more excuses.”

— Greta Thunberg



Since 2004 bringing leaders and educators together to promote the rapid implementation of renewable energy and energy efficient strategies as practical solutions to the climate crisis through presentation, demonstration, performance, film and dialogue.

THE POLITICS OF CHANGE: CREATING THE NEW HYDROGEN-CARBON ECONOMY

A TIME FOR HEROINES AND HEROES

Welcome to the 16th annual AREDAY Summit – *The Politics of Change: Creating the New Hydrogen-Carbon Economy*. We celebrate your participation and thank you for joining the AREDAY family.

We are dancing on the razor's edge – a dangerous proposition as we are in a shrinking and critical window of time for our efforts to reverse the most catastrophic impacts of climate change we are facing. At the same time, we find ourselves with the tools, understandings and solutions to make radical changes in our energy systems, in our relationship with Nature and the web of life upon which we depend, and with each other. Also to affect a transformation of our consciousness, as it will be the ultimate determination of how we perceive the world and how we choose to exist in it.

In the next three and a half days we ask you to consider how to implement and accelerate at scale what we call the Five Verticals of Solution, all of which rest upon the Pillar of Transformative Consciousness if they are to be successful and enduring.

- Stop the burning of all fossil fuels
- Remove 1 trillion tons of CO₂ from the atmosphere and sequester in the ground
- Rebalance the PH of the oceans and clean up all plastic at its source and in the oceans of the world
- Regenerative agriculture and soil restoration
- Plant 2 trillion trees, stop deforestation and restore degraded and destroyed natural systems

We must do all these things simultaneously; do them now, and without hesitation. We must commit our hearts to our heads in order to heal ourselves and our beautiful, extraordinary life-sustaining Home Planet.

As we transform our consciousness to fully embrace, respect and resuscitate Mother Earth, we also transition into clean, renewable energy from the sun, the wind, the Earth (geothermal), ocean currents and tides, and hydrogen.

The AREDAY Summit platform is designed to provide a presence to the possibilities; to new ideas, innovative technologies and breakthroughs; to the tried and true that works and the visioned potential yet untested; to the wisdom of those who can guide the way home to the well-being of all life; and to chart new territory in policy and collaboration.

Thank you for joining us.



Chip Comins
Founder & Chairman, AREI



Sally A. Ranney
Co-Founder & President, AREI



WEDNESDAY, AUGUST 14

Grand Ballroom, Viceroy Hotel

Evening Program

Evening Hosts - Chip Comins and Sally Ranney *AREI*

5:00 pm **Pre-Registration** Open Until 6:00pm

6:00 pm **Networking Welcome Reception**
Appetizers and Cash Bar
Hosted by *AREI*
Welcoming Remarks
Chip Comins and Sally Ranney *AREI*

7:00pm **Opening Keynote Address**
2020: The Most Important Political Year in History
Gen. Wesley Clark *Wesley Clark and Associates*

7:15pm **Keynote Address**
Framing the Hydrogen Carbon Economy: Opportunities and Hurdles to Going to Scale
Ellen Stechel *Lightworks ASU*

7:45 pm **Keynote Address**
The HERO Breakthrough
Andrew Horvath *Planet Power Systems*
Q & A

8:30 pm **Keynote Address**
Hydrogen Aircraft for Poaching Surveillance
Skipper Darlington *Africa ASAP*

8:45 pm **Keynote Address**
The Hydrogen Moonshot
Kunal Sood *NOVUS*

9:00 pm **IMPACTFILM**
The Hydrogen Age
Narrated by Leonard Nimoy

10:00 pm **Evening Program Concludes**

THURSDAY, AUGUST 15

Grand Ballroom, Viceroy Hotel

Morning Session - Burning Up The Biosphere: Will New Energy Technologies Save Us?

Morning Host - Elizabeth Halliday *Grace Richardson Fund*

7:00 am **Registration and Continental Breakfast**

8:00 am **Welcoming Remarks**
Chip Comins *AREI*
Sally Ranney *AREI*

8:05 am **Blessings and Reflections**
Phyllis Bald Eagle *Lakota Sioux Elder*

8:15 am **Keynote Address**
Bring Back the Wolf: Bring Back the Balance
Delia Malone *RMWP*

8:30 am **Keynote Address**
The HERO Breakthrough
Andrew Horvath *Planet Power Systems*

8:45 am **Keynote Address**
The Hydrogen Space: An Update
Mary-Rose de Valladares *International Energy Agency*

9:00 am **Panel Discussion**
Accelerating the Transition to ZERO Carbon
Moderator: Brian Goldstein *Energy Independence Now*
Andrew Horvath *Planet Power Systems*
Mary-Rose de Valladares *International Energy Agency*
Ellen Stechel *Lightworks ASU*

9:45 pm **Keynote Address**
Energy Economies: What Does 100% Renewable Look Like?
Lori Smith Schell *Empowered Energy*

10:00 am **Panel Discussion**
Blue Hydrogen: Profit from Capturing Methane Emissions
Moderator: Wiley Rhodes *One Step In Foundation*
Amory Lovins *Rocky Mountain Institute*
Alice Madden *Getches-Wilkinson Center for Natural Resources*

10:45 am **Keynote Address**
PCs, iPhones and Hydrogen
Ed Davis *Blue Earth, Inc.*

11:00 am **Keynote Address**
Where the Currents and Tides are Taking Us
Jim Dehlsen *Aquantis*

GET MOVING AT AREDAY

Daily Hikes with Ginna Kelly of Climb for Conservation

Sign up for 7:00am and 5:00pm local hikes.



Join River Morgan for Yoga Stretches throughout the Summit



THE POLITICS OF CHANGE: CREATING THE NEW HYDROGEN-CARBON ECONOMY

11:15 am **Keynote Address**
What Does it Really Take to be Energy Independent?
Brian Goldstein *Energy Independence Now*

11:30 am **Panel Discussion**
The Big Leap Over Fossil Fuels: Renewables In the Developing World
Moderator: Tom King *Borincana Foundation Inc.*
Luka Powanga, Ph.D *Energy Africa Conference*
Colonel William Wyatt *United States Army*
Steven Conger *P4P Energy*

12:00 pm **Armchair Conversation**
It Will be Done! 100% Renewable by 2045
Melissa Miyashiro *Blue Planet Foundation*
Henk Rogers *Blue Planet Foundation*

12:15 pm **Luncheon Break**
Quickly select from a variety of delicious, nutritious buffet food served with reusable items and return to seats.

12:30 pm **Luncheon Keynote Address**
New Frontiers in Energy Efficiency
Amory Lovins *Rocky Mountain Institute*

1:15 pm **Luncheon Keynote Concludes**

Afternoon Session - New Energy Economies: Security for Our Life Support Systems

Afternoon Host - Hutch Hutchinson *Resilient Analytics*

1:30 pm **Keynote Address**
What We Think About When We Think About Global Warming
Per Espen Stoknes *Centre for Green Growth at the Norwegian Business School*

2:00 pm **Keynote Address**
Can Conservative Youth Leadership Turn the Climate Tide?
Benji Backer *American Conservation Coalition*

2:15 pm **Keynote Address**
Recovering Wildlife in Crisis and Repairing Natural Systems
Collin O'Mara *National Wildlife Federation*

2:30 pm **Panel Discussion**
Alarms, Alliances & Acceleration of Solutions
Sally Ranney *AREI*
Leesa Carter-Jones *Captain Planet Foundation*
Collin O'Mara *National Wildlife Federation*
Bruce Stein *National Wildlife Foundation*
Jim Alexee *Sierra Club*

3:00 pm **Armchair Conversation**
Carbon Pricing = Taxes or Dividends
Moderator: Chip Comins *AREI*
Ryan Costello *Americans for Carbon Dividends*
Jonah Kurman-Faber *Climate XChange*

3:30pm **Keynote Address**
Economically Sustainable Carbon Capture
Brent Constantz *Blue Planet Ltd*

4:15pm **Armchair Conversation**
Utilities Must Take the Lead
Moderator: Dave Munk *Holy Cross Energy*
Bryan Hannegan *Holy Cross Energy*
Jon Goldin-Dubois *Western Resource Advocates*

4:45 pm **Panel Discussion**
Large-Scale Efficiencies in the Built Environment
Moderator: Chip Comins *AREI*
Juan Grobler *Fridgwise*
Brian Black *ProStar Energy Solutions*
Heidi VanGenderen *University of CO Boulder*

5:15 pm **Keynote Address**
Quantifying the Cost of Adaptation
Hutch Hutchinson *Resilient Analytics*

5:30 pm **Armchair Conversation**
Adaption: Efficiency & Supply Chains
James Goudreau *Novartis Business Services*
Hutch Hutchinson *Resilient Analytics*

5:45 pm **Closing Remarks**
Chip Comins *AREI*
Sally Ranney *AREI*

Evening Program

Evening Hosts - Chip Comins and Sally Ranney *AREI*

6:30 pm **Networking Dinner**
Buffet and Cash Bar
Sponsored by Ted Turner, Ocean Elder and Turner Enterprises, Inc.

7:00 pm **Dinner Keynote Address**
Passion In Action
Capt. Paul Watson *Sea Shepherd*

7:30 pm **Keynote Address Video**
Revolutionary Ocean Project
Andrew "Twiggy" Forrest *Fortescue Metals*
Flourishing Oceans and Minderoo Foundation

7: 45 pm **Keynote Address**
Turning Passion into Purpose: Mobilizing the Adventure Sports Community in 2020
Mario Molina *Protect Our Winters*

- 8: 00 pm** **Keynote Address**
Ocean Health: Strategic Solutions for Governments and Society
 Doug Woodring *Ocean Recovery Alliance*
- 8: 15 pm** **Keynote Address**
Source Points: Solutions to Plastic Pollution Improve the Planet
 Dianna Cohen *Plastic Pollution Coalition*
With Video - Don't Throw It Away
 By Keb'Mo' with Taj Mahal
- 8: 30 pm** **Armchair Conversation**
The Blue Heart
 George Cummings *Mission Blue Project Partner*
 Melody Saunders Brenna *Reef Life Restoration and Foundation*
- 8: 45 pm** **IMPACTFILM**
Watson
 Intro and Q & A with Captain Paul Watson
Sea Shepherd
- 10: 30 pm** **Evening Program Concludes**

FRIDAY, AUGUST 16

Grand Ballroom, Viceroy Hotel

Morning Session - Sustainable Finance and Business - A New Lens

Morning Host - Elizabeth Halliday *Grace Richardson Fund*

- 7:00 am** **Registration and Continental Breakfast**
- 8:00 am** **Welcoming Remarks**
 Chip Comins *AREI*
 Sally Ranney *AREI*
- 8:15 am** **Blessings and Reflections**
 Chief Phil Lane *Lakota* (Skype)
 Phyllis Bald Eagle *Lakota Sioux Elder*
- 8:30 am** **Opening Keynote Address**
Breaking the Mold
 Maggie Cutts *Prime*
- 8:45 am** **Panel Discussion**
Innovative Finance Powering Solution
 Moderator: David Levine *American Sustainable Business Council*
 Robert Levin *Emerging Star Capital LLC*
 Maggie Cutts *Prime*
 Sandra Kwak *10 Power*

- 9:30 am** **Panel Discussion**
Accelerating the Transition to ZERO Carbon
 Moderator: Bill Brandt *ASU Lightworks*
 Klaus Lackner *Center for Negative Carbon Emissions*
 Ellen Stechel *ASU Lightworks*
 Cheryl Martin *Harwich Partners*
- 10:15 am** **Armchair Conversation**
Reinvested Divestment: Can It Help Achieve Climate Stability?
 Moderator: Timothy Wirth *United Nations Foundation*
 Thomas Van Dyck *SRI Wealth Management Group at RBC*
 Ellen Dorsey *Wallace Global Fund*
- 10:45 am** **Panel Discussion**
Climate Philanthropy
 Moderator: Chip Comins *AREI*
 Trammell Crow *EarthX*
 John "Spike" Buckley *Earth's Call*
 Henk Rogers *Blue Planet Foundation*
 John Powers *Alliance Center*
 Katie Eder *Future Coalition*
- 11:30 am** **Panel Discussion**
Block Chain: Creative Finance for Good
 Moderator: Hanieh Sadat *Genesys One Capital*
 Ben Goertzel *Singularity NET*
 Christian Shearer *Regen Network*
 Hendrik Tiesinga *New Energy Nexus*
- 12:00 pm** **Armchair Conversation**
Impact Investing: Real or Imagined?
 Moderator: Inge Relph *Global Choices*
 Julie Muraco *TBLI Group Holdings B.V.*
 Rachel Payne *FEM.Inc*
 Lina Constantinovici *BVC Fund*
- 12:30 pm** **Armchair Conversation**
Women on the Front Lines of Systemic Change
 Sally Ranney *AREI*
 Osprey Orielle Lake *WECAN*
- 12:45 pm** **Luncheon Break**
 Quickly select from a variety of delicious, nutritious buffet food served with reusable items and return to seats.
- 1:00 pm** **Luncheon Keynote**
A Finer Future: Creating an Economy in Service to Life
 Hunter Lovins *Natural Capitalism Solutions*

"Plans to protect air and water, wilderness and wildlife are in fact plans to protect man." — Stewart Udall

THE POLITICS OF CHANGE: CREATING THE NEW HYDROGEN-CARBON ECONOMY

Afternoon Session - INNOVATION and POLITICS of CHANGE

Afternoon Host - Elizabeth Halliday *Grace Richardson Fund*

- 1:45 pm** **Keynote Address**
Where the Votes Are
Gene Karpinski *League of Conservation Voters*
- 2: 00 pm** **Keynote Address**
2 Trillion Trees? No Problem
Tom Chi *Google X*
- 2: 15 pm** **Keynote Address**
Innovative Collaborations and Strategies for Waste
Stan Emert *Green EnviroTech Holdings*
- 2: 30 pm** **Keynote Address**
The Blixt Breakthrough
Charlotta Holmquist *Blixt*
- 2: 45 pm** **Panel Discussion**
Entrepreneurs Leading Innovation
Moderator: Frank Rukavina *Sustainable Innovations Operative, LLC*
Gail Levy *HFactor Water*
Dan Powers *CO Labs*
Charles Erdman *Ideas by Nature*
- 3: 30 pm** **IMPACTFILM - Trailer**
Point of No Return
Noel Dockstader *Far West Films*
- 3: 45 pm** **Panel Discussion**
Wind Energy: 100 Gigawatts and Counting!
Moderator: Larry Flowers *G4 Wind*
Susan Innis *Invenergy*
Edward Zaelke *McDermott Will & Emery LLP*
- 4: 15 pm** **Keynote Address**
Politics of Change
Bill Becker *Presidential Climate Action Plan*
- 4: 30 pm** **Keynote Address**
The New Green Deal
Demond Drummer *New Consensus*
- 4: 45 pm** **Armchair Conversation**
In the Disguise of Democracy
Moderator: Timothy Wirth
United Nations Foundation
David Orr *Oberlin College*
Jena Griswold *Secretary of State, CO*

- 5: 15 pm** **Panel Discussion**
Digital Democracy: Reinventing Politics with the Iowa Caucus
Moderator: Inge Relp *Global Choices*
Tracy Vasaturo *Traces Consulting*
Merlin Yockstick *Blue Planet Village*
Sen. Jack Hatch *Former Iowa State Senator and Hatch Development Group*
Joe Conte *The Strategy Agency*
- 5: 45 pm** **Keynote Address**
Climate and Social Justice
Brad Markell *AFL-CIO*
- 6:00 pm** **Panel Discussion**
Clean Free Markets: New Conservative Solutions for the Planet
Moderator: Elizabeth Halliday
Grace Richardson Foundation
Colin Finnegan *CRES*
Captain Robin Tyner *DEPLOY/US and Conservatives for Responsible Stewardship*
Jon Kelley *Kelly Klee*
- 6: 30 pm** **Closing Remarks**
Chip Comins *AREI*
Sally Ranney *AREI*

Friday Evening Program - Special Guest Presidential Candidate Tom Steyer

Evening Hosts - Chip Comins and Sally Ranney *AREI*

- 7:00 pm** **Networking Dinner**
Buffet & Cash Bar
Sponsored by *World Ethics and Leadership Foundation* and *Cambridge Global Conversations*
- 7:30 pm** **Dinner Keynote Address**
Tom Steyer *2020 Presidential Candidate*
- 8:15 pm** **Q & A**
- 8:30 pm** **Armchair Conversation**
Greening the Bridge to China: The G-2
Moderator Chip Comins *AREI*
Daniel Fung *Cambridge Global Conversations*
Bill Mundell *IKM*
- 8:45pm** **IMPACTFILM**
Better Angels
Q & A
- 10:15 pm** **Evening Program Concludes**

*"No water, no life. No blue, no green."
— Sylvia Earle*

SATURDAY, AUGUST 17

Grand Ballroom, Viceroy Hotel

Morning Session - Science + Nature-Based Solutions = Sustainability

Morning Host - Bud Wilson *Deep Nature Journeys*

7:00 am **Registration and Continental Breakfast**

8:00 am **Welcoming Remarks**

Chip Comins *AREI*
Sally Ranney *AREI*

8:15 am **Blessings and Reflections**

Phyllis Bald Eagle *Lakota Sioux Elder*
Rev. Jane Quiat *Methodist Minister*

8:30 am **Opening Keynote Address**

The World's Water: Status, Challenges, Solutions
Peter Gleick *Pacific Institute*

8:45 am **Panel Discussion**

What Does Water Resiliency Look Like in a Changing Climate?

Moderator: Peter Gleick *Pacific Institute*
Ravé Mehta *Water Ledger*
Jerry Mallett *Colorado Headwaters*

9:15 am **Panel Discussion**

Enough is Enough: Cleaning Up Compton's Water

Moderator: Chip Comins *AREI*
Riggs Eckelberry *OriginClear, Inc.*
Fred Martin *Compton Kidz Club*
Cedric Ceballos *Formerly with Los Angeles Lakers and Phoenix Suns*

9:45 am **Armchair Conversation**

Can Science Lead the Way in Biodiversity and Climate Policy?

Moderator: Maggie Fox *Maggie Fox Strategies*
Michelle Wyman *National Council for Science and the Environment*
Tiina Kurvits *EcoSystem Management. Grid Arenal*

10:15 am **Armchair Conversation**

Sustainable Land Use Planning

John McBride *Sopris Foundation*
Harry Teague *Teague Architects*

10:30 am **Keynote Address**

Solving Global Climate Challenges with Local Food Production

Eden Vardy *Farm Collaborative*

10:45 am **Panel Discussion**

Go Smart Go Safe Go Sustainable: Regenerative Agriculture

Moderator: Eden Vardy *Farm Collaborative*
Jerome Ostentowski *Central Rocky Mountain Permaculture Institute*
Bobby Gill *Savory Institute*

11:15 am **Panel Discussion**

In Wildness is the Preservation of the World

Moderator: Amy Lewis *WILD Foundation*
Vance Martin *WILD Foundation*
Eli Weiss *WildiZe Foundation*
Eric Schmidt *Wildlife Protection Solutions*
James Brundige *Nature Needs Half and First Light Films*

12:00 pm **Keynote Address**

Big Win for Biodiversity: The Bonobo Peace Forest

Sally Jewell Coxe *Bonobo Conservation Initiative*

12:15 pm **Luncheon Break**

Quickly select from a variety of delicious, nutritious buffet food served with reusable items and return to seats.

12:30 pm **Luncheon Armchair Conversation**

Ethics of Climate Change: Cambridge Global Conversations

Moderator: Sally Ranney *AREI*
Marjorie Layden *World Ethics and Leadership Foundation*
Daniel Fung *Cambridge Global Conversations*

1:00 pm **Luncheon Armchair Concludes**

Afternoon Session - Rising Up! The Urgency is Now!

Afternoon Host - Bud Wilson *Deep Nature Journeys*

1:15 pm **Keynote Address and Trailer**

WeRiseUP

Michael Shaun Conaway *WeRiseUP*

1:30 pm **Break**

2:00 pm **Keynote Address**

Y On Earth

Aaron Perry *Y On Earth*

2:15 pm **IMPACTFILM - Trailer**

Youth Unstoppable

Slater Jewell-Kemper *Youth Unstoppable*

THE POLITICS OF CHANGE: CREATING THE NEW HYDROGEN-CARBON ECONOMY

- 2:20 pm Panel Discussion**
Youth Eco-Warriors Take On Climate Justice
Moderator: Henk Rogers *Blue Planet Foundation*
Xiuhtezcatl Martinez *Earth Guardians*
Xiye Bastida *Fridays for the Future*
Slater Jewell-Kemper *Unstoppable Youth (Skype)*
- 3:00 pm Armchair Conversation**
Millennials Moving the Needle
Katie Hoffman *NEXUS*
Sandra Kwak *10 Power*
Matt Myers *EarthX*
- 3:20 pm Armchair Conversation**
Incognita Incognitum: Moving Towards Solutions in the Climate Crisis
Paul Miller (DJ Spooky) *Musician and Author*
Tom Chi *Google X*
- 3:45 pm Keynote Address**
EarthX: Bridging the Divide
Tony Keane *EarthX*
- 4:00 pm Keynote Address**
Captain Planet: 1.5 Million Kids Later
Charles Orqbon *Captain Planet Foundation*
- 4:15 pm Panel Discussion**
Films Open Your Mind and Change Your Heart
Moderator: Daniel Shaw *Author and Catto Shaw Foundation*
Beverly Camhe *Beverly Camhe Productions*
Kate Brooks *The Last Animals*
Michael Cain *EarthxFilm*
Jean-Francois Cavelier *True Media Company*
Rex Wong *fliqsmedia*
- 5:00 pm Armchair Conversation**
Nexus: Next Gens' Conservative Case For Clean Energy
Aaron Berger *Asymmetrical Solutions*
Sarah Hunt *Joseph Rainey Center for Public Policy*
- 5:15 pm Keynote Address**
Consequences of the Apocalyptic Myth
Andrew Scott *Open Mind Project*
- 5:30 pm Keynote Address**
A Time for HEROs
Andrew Horvath *Planet Power Systems*
- 5:45 pm Closing Conversation**
Generation to Generation
Xiuhtezcatl Martinez *Earth Guardians*
Xiye Bastida *Fridays for the Future*
Julia Olson *Our Children's Trust (Skype)*
Chip Comins *AREI*
Sally Ranney *AREI*

Evening Program

Evening Hosts - Chip Comins and Sally Ranney *AREI*

- 6:30 pm Networking Dinner**
Buffet & Cash Bar
Sponsored by *Global Choices*
- 7:15 pm Dinner Keynote Address**
Flourish or Perish: Time for a Progressive Reality
Jonathan Granoff *Global Security*
- 7:30 pm Dinner Armchair Conversation**
The Nature of Consciousness: How Do We Accelerate the Shift Needed
Lawrence Ford *Conscious Capital*
Sally Ranney *AREI*
- 7:45 pm Panel Discussion**
Practical Wisdom: Indigenous Knowledge Guides the Way 'Home'
Moderator: Lawrence Ford *Conscious Capital*
Osprey Orielle Lake *Women's Earth and Climate Action Network*
Anita Sanchez *Pachamama*
Xiye Bastida *Fridays for the Future*
- 8:15 pm AREI AREDAY Awards Ceremony**
- 8:30 pm Concert**
Valle Musico & Aponi Kai
Xiuhtezcatl Martinez *Earth Guardians*
- 10:00 pm Evening Program Concludes**

AREDAY SUMMIT 2019 IS CONCLUDED

SAVE THE DATE

2020 AREDAY SUMMIT August 12 -16th

BOOK SALES

Be sure to visit Explore Booksellers Booth

Open Daily 11am-3pm



221 E Main St, Aspen, CO



Benji Backer is the Founder and President of the American Conservation Coalition, an organization focused on bringing conservatives back into environmental discussions through pro-business and limited government approaches. He is a student at the University of Washington in Seattle. He previously served as the Co-Chair for Young Americans for Mitt Romney in Wisconsin and was named one of RedAlert's top "30 Under 30" conservatives in 2015. Backer has contributed to sites such as CNBC.com, FreedomWorks, IJReview, RedState, and TheBlaze. He has also spoken at events across the country, including CPAC in 2014 and 2016.



Phyllis Bald Eagle is my name, my Lakota name is Naki wi zi pi win (Jealous of Her Woman). My father is Chief Dave Bald Eagle and my ancestors are Little Crow, Chief Hump, and Crazy Horse. I live on the Cheyenne River Sioux Tribe in South Dakota. I also went to Standing Rock to help my relatives fight for water, what we call Mni Wiconi "Water is Life". I am Mnicojou band, so our camp was called Mnicojou, which means "plant by the water". We were there to help our relatives, and we had a lot of experiences there. We are now putting a permanent structured village on my land on the reservation called Native Roots Learning & Healing Village, and individual people or groups can come and experience what we call Wolakota (Way of Life).



Xiye Bastida is a 17 year old Climate Activist living in NYC. In 2018, Bastida became the leader of her school's Environmental Club, where she mobilized 600 students in the first Global Climate Strike. Since then, she has taken a citywide leadership role in organizing Climate Strikes and speaking out about Climate Justice issues in rallies. Bastida was born and raised in Mexico as part of the Otomi-Toltec indigenous peoples. Currently, she is one of the lead organizers of Fridays For Future, and sits in the Administration Committee of Peoples Climate Movement. Recently, she launched a Youth Activism Training Program to expand the Climate Justice movement. Bastida is a member of Sunrise Movement, Extinction Rebellion, and in 2018, she was invited to the 9th UN World Urban Forum to speak about Indigenous Cosmology. Notably, she received the "Spirit of the UN" award in 2018.



William Becker is Executive Director of the Presidential Climate Action Project, a 10-year-old initiative that develops recommendations for the federal response to climate change. Becker is a journalist who began his career as a combat correspondent for the U.S. Army during the Vietnam War. During the late 1970s, he proposed and helped accomplish the relocation of a rural town from a floodplain to higher ground, and its reconstruction as America's first passive-solar-heated community. Starting in 1995, under three presidents, he served for 17 years as a senior official at the U.S. Department of Energy, where he developed his expertise in clean energy

and climate change mitigation. Becker has authored several books and countless articles on these topics. Now 71, he lives in Golden, CO.



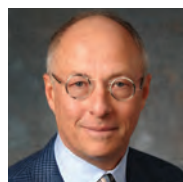
Aaron Berger is the CEO of Asymmetrical Solutions. He is a research scientist specializing in pattern recognition, domestic and foreign current events, and technology trends under the lens of existential risk. A core belief of his is that there is always a solution.

As a strategic advisor to individuals and organizations, he is interested in finding important solutions to their difficult problems. In his effort to help others see a more systemic perspective, his research methods break down problems into their foundational elements, analysis of which yields new angles and novel solutions. Currently, he is strategic advisor for Sharemeister, a co-chair for the NEXUS Working Group on Energy Innovation & Environment, and an international advisor for Sunrise Movement.



Brian Black is the President of ProStar Energy Solutions. Black oversees all operating groups, creating and executing strategies for program implementation, client relationships, business growth and product development. Previously Black

owned restaurants in Dallas and Chicago and was the President/Owner of an expansive consulting company. With a passion for energy conservation he found that many of his consulting projects focused on providing energy efficient solutions to companies. He built a network of engineers, project managers, and energy experts to deliver holistic turnkey energy solutions for companies all over the United States. Black has served on many boards in Dallas and is highly involved with the organization, Children at Risk, which is a non for profit organization that serves as a catalyst for change to improve the quality of life for children through strategic research and public policy analysis.

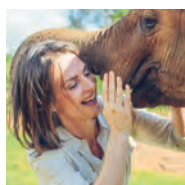


Bill Brandt is Director of Strategic Integration for ASU Lightworks and is an experienced energy executive. After a 30-year career at SOHIO/BP he retired as Director of Mergers and Acquisitions joining Arizona State University to work on renewable energy challenges. As Director of Strategic Integration of ASU LightWorks for Arizona State University's incubator and accelerator for renewable energy technologies, he works across interdisciplinary research programs with national laboratories and major corporations to deliver renewable energy products. Brandt has a B.S. in Chemistry and Environmental Sciences from Principia College and an MBA from Wharton. He is a board member of the social networking communications company, Educated Change, and a producer of renewable liquid fuels from wood biomass and agricultural residues.



Melody Saunders Brenna is CEO Co-Founder of NanoTech Science Company and Reef Life Restoration. Nano science created to save coral reefs and coastlines, Reef Life's mission is to develop new marine specific nano materials, enhancing

oceanic architecture and engineered building techniques, pioneering the next wave of sustainable infrastructure above and below the ocean's surface. Brenna is dedicated to growing companies in multiple industries focused on Nano Materials Science and advanced cement innovation as well as LAM High Performance Building Systems utilizing proprietary cellular concrete technology. She also participates, donates, and raises funds for multiple charitable organizations globally including The Hunger Project. A fourth generation Rotarian, Brenna follows in the footsteps of her family's interest in creating educational opportunities for American youth.



Kate Brooks is an international photojournalist turned filmmaker, is an international photojournalist turned filmmaker, who chronicled conflict and human rights issues for nearly two decades before turning her lens to conservation. Her photographs

have been extensively published in *TIME*, *Newsweek*, *Smithsonian*, and *The New Yorker* and exhibited around the world. Brooks' passion for filmmaking was sparked from working as a cinematographer on the documentary *The Boxing Girls of Kabul* in 2010. In 2012-13, she was a Knight Wallace Fellow at the University of Michigan. There she researched the global wildlife trafficking crisis before embarking on directing *The Last Animals*. The documentary premiered at Tribeca on Earth Day in 2017. Brooks' drive and passion for conservation comes from the fundamental belief that time is running out and that we are at a critical moment in natural history.



James Brundige, Filmmaker for First Light Films, and a member of the Steering Committee of Nature Needs Half. He has

worked on numerous television shows for PBS, BBC, TBS, Discovery, ABC, CBS, NBC, and National Geographic Television

over the past 40 years. Originally shooting tales of extreme expeditions, he has spent the past two decades bringing compelling conservation stories to a broad audience. His company, First Light Films, has produced environmental films from the Amazon Jungle to Mt. Everest, from the South Pole to the high Arctic. With a firm foundation in science, First Light Films strives to capture and communicate the work of conservation heroes committed to preserving our natural heritage for future generations.



Michael Brune has been Executive Director of the Sierra Club since 2010 and is one of today's most inspiring and effective environmental leaders. Prior to joining the Sierra Club, Brune led Rainforest Action Network for seven years. Under

Brune's leadership, the Sierra Club has grown to more

than two million supporters and is at the forefront of the drive to move beyond fossil fuels to clean energy while also protecting America's remaining wild places. A nationally recognized writer, speaker, and commentator on energy and environmental issues, Brune offered a detailed vision for a true clean-energy future in his acclaimed book, *Coming Clean: Breaking America's Addiction to Oil and Coal* (2010). He holds degrees in economics and finance from West Chester University in Pennsylvania.



Spike Buckley is Co-Founder of Earth's

Call, a non-profit dedicated to finding and funding innovative solutions to fight the climate crisis. In addition, he is the Executive Producer of Earth's Call's global concert event and a member of the Board of

Directors of the Earth's Call Foundation. Buckley has a BA in Economics from the University of Colorado and has primarily been a real estate developer, serving as Principal of Grimley Residential. Further, he serves on the Board of Directors for Pharmajet, Inc., CryptoMil Technologies, and BioCare Systems, Inc. Buckley is a world class environmentalist being deeply involved with Conservation Colorado and is a lifetime member of the Sierra Club.



Michael Cain is President and Co-Founder of EarthxFilm. His mission to change the

world for the better through storytelling led him to co-found EarthxFilm in 2017.

EarthxFilm is an environmental festival that showcases films and emerging interactive

media that explore conservation, climate change, and the environment. EarthxFilm, a division of EarthX, founded by Trammell S. Crow is the world's largest environmental expo, conference, and film festival that takes place every April in Dallas, Texas. Cain received his MFA from the American Film Institute (AFI) in Producing where he was granted the honor of Commencement Speaker. Cain has produced, and executive produced over 25 feature-length films, 30 commercials and music videos. Many of them award winning projects including his directorial debut *TV Junkie* which was awarded the Sundance Special Jury Prize and premiered on HBO.



Beverly Camhe is a writer and producer of television and film. Her resume includes

the TV series *Dallas* to films such as *Midnight Cowboy*, *Junior*, and *The Falcon and the Snowman*. Additional projects included brand building and marketing for

the transformational novel, *The Celestine Prophecy*. Camhe combined her skills to craft a "cause marketing" component to her projects. For The Earthday Network she produced a documentary for the King of Morocco, Mohammed VI, calling attention to his Green Initiative. Camhe is currently developing a slate of socially responsible television and feature films. She is writing and producing the feature film, *SAVING HUMPHREY*, with Dr. Diana Reiss, world renown expert on dolphin cognition and animal communication. The film promotes protection and empathy for marine life.



Leesa Carter-Jones is President and CEO of Captain Planet Foundation. She joined CPF in 2012, and has helped the organization successfully launch Project Learning Garden, Project Hero, and the Institute at CPF. She is also proud to have lead CPF in co-founding the Ocean Heroes Bootcamp program to train activated youth how to run effective campaigns against plastic pollution and climate issues. She is a respected speaker on sustainability, environmental stewardship, and youth empowerment programs. Carter-Jones has over 25 years of executive-level experience in industries such as: organic products, green building, and non-profit management. She serves on the Board of the Minnesota Colorectal Cancer Research Foundation and on the Steering Committees for Atlanta's FoodWell Alliance and the Rocky Mountain Wolf Project: Restoring Colorado's Natural Balance. She has served as a Judge for FIRST Robotics Global Innovation Award and the Environmental City Pitch for the Mayor's Fund of London. She is also a member of the 2012 Institute for Georgia Environmental Leadership.



Jean-François Cavellier is Founder of True Media Company. Originally from Paris, France, Cavellier has more than thirty years of experience in international film sales and distribution. He was the first in his field to act as a Domestic and International distribution consultant for Comerica Bank (Los Angeles.) Cavellier has been active over the past ten years in the acquisition and production of media content in Mainland China and Latin America as well as in the distribution of Hollywood content to the global markets. He acted as a Producer for the biggest budget feature film ever produced in China, *The Bombing* a.k.a. *Air Strike*, a WW2 epic film, negotiating the hiring of Bruce Willis and Mel Gibson respectively as Lead Actor and Co-Director. Recently, Cavellier was the Co-Producer of *Wonders of the Sea*, a feature documentary narrated by Arnold Schwarzenegger and directed by Jean-Michel Cousteau. He is active in the protection of the environment and marine sustainability thru the documentary films he represents.



Cedric Ceballos is a former NBA All-Star who has played for the Los Angeles Lakers and the Phoenix Suns, later completing his on-the-court play with the Dallas Mavericks, the Detroit Pistons and the Miami Heat. In his early childhood days, Ceballos attended Dominguez High School in Compton, California, then Ventura College and, later, Cal State Fullerton. Since basketball, he has been busy off the court in the worlds of entertainment and philanthropy. Ceballos often travels throughout the U.S. and overseas as a motivational speaker to charitable organizations, fundraisers, youth camps, Fortune 500 companies, and at children's detention centers. Ceballos is currently a Vice President with the Dallas Mavericks and an on air analyst for FOX SPORTS SW for the Dallas Mavericks and the New Orleans Pelicans.



Tom Chi, Partner, At One Ventures, has worked in roles ranging from astrophysical researcher to Fortune 500 consultant to corporate executive developing hardware/software products and services. He pioneered and practices a unique approach to rapid prototyping and leadership that can jumpstart innovative new ideas and move large organizations at unprecedented speeds. He was head of Product Experience and a founding member of Google X, and currently works to accelerate a future where humanity becomes a net positive to nature.



General Wesley K. Clark, Chairman and CEO of Wesley K. Clark & Associates, a strategic consulting firm; Chairman and Founder of Enverra, Inc. a licensed investment bank; Chairman of Energy Security Partners, LLC; as well as numerous corporate boards including BNK Petroleum and Leagold Mining. Active in energy, including oil and gas, biofuels, electric power and batteries, finance, and security, he has served as an advisor, consultant or board member of over ninety private and publicly traded companies. In the not-for-profit space, he is a Senior Fellow at UCLA's Burkle Center for International Relations, Centennial Fellow at Georgetown University's School of Foreign Service, Director of the Atlantic Council; and Founding Chair of City Year Little Rock/North Little Rock. A best-selling author, Clark is a frequent contributor for TV and newspapers. Clark retired as a four star general after 38 years in the United States Army, having served in his last assignments as Commander of US Southern Command and then as Commander of US European Command/Supreme Allied Commander, Europe.



Dianna Cohen, Co-Founder and CEO of Plastic Pollution Coalition (PPC), is a passionate advocate for plastic free world. PPC is a growing global alliance of 650 organizations, businesses, and notable thought leaders working toward a world free of plastic pollution and its toxic impact on humans, animals, and the environment. With thirty years as a Los Angeles based visual artist, Cohen has shown her work internationally at galleries, foundations, and museums. Using plastic bags as her primary material in her artwork to make a visual and social impact, Cohen is interested in exploring its materiality through modifications and the material's relationship to culture, media, toxicity, and the world at large. Cohen studied Biology, Art, and Film at University of California, Los Angeles and holds a BA in Fine Arts.



Chip Comins serves as Chairman and CEO of the American Renewable Energy Institute (AREI) and Founder of the AREDAY Summit, Expo and Film Festival. He is President and CEO of American Spirit Productions and Managing Director of WEnergy. Comins connects climate solutions in a Climate Constellation of Implementation, for global scale. In 2009 he produced 13 official events at the UNFCCC COP 15 in

Copenhagen, Denmark; presented at the UNFCCC COP 16 in Cancun, Mexico; COP21 in Paris, France 2015 & COP22 in Marrakech, Morocco in 2016. Comins has produced and directed long and short form documentary films for educational and broadcast television markets, including The National Renewable Energy Laboratory, DOE Wind Powering America, PBS, Link TV, BET and Discovery Networks. A long-time advocate of developing and implementing renewable energy resources to abate greenhouse gases and climate change, Comins encourages a business approach to solving both the economic and environmental crisis.



Michael Shaun Conaway is the Director of WeRiseUP and is CEO and a Director at Storyworks, a social impact creative agency.

His mission is to liberate greatness in people and organizations to redesign our failing systems and create an anti-fragile, anti-rival world, one that works for all. His work is in strategy, storytelling and branding for leading edge companies building solutions for a thriving future. His film *WeRiseUP*, explores how we can redesign success at the personal, collective and universal levels to create a thriving future for humanity. At Storyworks, he helps companies grow their purpose, profit and impact focusing on their authentic why and their true north story. He has developed major interactive training and leadership development programs for companies including Coca Cola, Dollar Shave Club, Owens Corning, Telus and Landmark Education. Conaway created and directed commercials for companies and organizations including: NBC, The Olympics, Microsoft, Kodak and Hewlett Packard.



Steven Conger Co-Founded P4P with his wife Mary Catherine. He is Chairman of the Board of P4P Holdings, Manager P4P Energy, and P4P Energy's CEO. At P4P he has received approximately 50 patents, primarily in solar PV that is supported by cable tension structures. His 25-year architectural history includes being named in the AD 100 - Architectural Digest's guide to 100 distinguished architects of the world. Conger was an architect for the award winning Inn of the Anasazi in Santa Fe, NM. Additionally he was an architect of St. Benedict's Monastery in Snowmass CO (winner of the prestigious AIA national award for religious architecture). Conger received a BFA, Magna Cum Laude, Amherst College. He holds a Master's Degree from the Yale Architecture School in 1979.



Brent Constantz, Ph.D. is currently CEO of DeepWater Desal, and Blue Planet Ltd. Constantz is a serial Silicon Valley entrepreneur who founded and was CEO of Norian Corporation, Corazon Technologies, Skeletal Kinetics, and Calera Corporation.

He is the inventor on over 100 issued US patents. He was a Consulting Associate Professor at Stanford University, and taught biomineralization. In 2007 Constantz discovered the basic process used by corals to form their skeletons, which is based on modern biological bone cements found in orthopedic surgery operating rooms. In 2007, he launched efforts to address climate change by sequestering

anthropogenic carbon dioxide as building materials. In 2012, he brought a new discovery of basic biomineralization into reality with a scalable solution that addresses climate change in an economically and technically sustainable manner.



Joe Conte is Founder and CEO of The Strategy Agency (SA), SoulFunder, Inc., (SF), and Founder and CSO of WebSight Design, Inc., (WSD). Conte has run multiple web design and technology companies since he founded WSD in 1995. An

experienced developer and strategist for the past 25 years has collaborated with multiple ad agencies and companies throughout his career creating numerous enterprise level, interactive projects from concept to completion. Conte focuses on data integrated social impact solutions utilizing qualitative user, product & industry research and rapid prototyping. He has extensive experience managing web / mobile / database development projects and leads teams on high volume agency level social / digital marketing data engagement solutions. A world touring musician Joe runs the non-profit SOULNOW helping cultures affected by climate change preserve their musical heritage.



Ryan Costello is Managing Director at Americans for Carbon Dividends. He is a former 2-term Republican Congressman from the Philadelphia suburbs, having served on the Energy and Commerce and Transportation and Infrastructure

Committees. He is now a Washington, D.C.-based consultant focusing on public policy and strategic communications and can be reached at ryan@ryancostello.com.



Sally Jewell Cox is Founder and President of Bonobo Conservation Initiative (BCI). She is known by the people of the Democratic Republic of the Congo as "Mama Bonobo."

She has worked tirelessly to unite, motivate and empower the Congolese government, NGOs and communities to protect bonobos and their habitats. Cox oversees surveys and conservation efforts, which has resulted in agreements to protect over 12,000 square miles of Congo's rainforests that are key to the survival of bonobos. She has spoken widely about bonobo conservation and the importance of traditional knowledge. Her work has been instrumental in raising awareness throughout the world. Prior to dedicating her life to bonobo conservation, she was a writer for the National Geographic Society. She is a Phi Beta Kappa graduate in psychology from Williams College.

"We are the first generation to feel the sting of climate change, and we are the last generation that can do something about it."

– Jay Inslee



Trammell S. Crow is the Founder of **EarthX** (formerly known as Earth Day Texas), the largest annual exhibition and forum showcasing the latest initiatives, discoveries, research, innovations, policies and corporate practices serving to re-shape the future.

With a focus on inspiring environmental leadership across sectors and party lines, Crow serves on the board of directors for ConservAmerica and is a co-founder of Texas Business for Clean Air and Texans for Clean Water. He is also a long-term supporter of the Texas Conservation Alliance, the Nature Conservancy of Texas, Texans for Lawsuit Reform, Log Cabin Republicans, and the League of Conservation Voters. His philanthropy benefits various nonprofit organizations that are active in family planning, education, the environment, community initiatives and political causes.



George Cummings is an SDG14 Ocean Ambassador and a project partner with **Mission Blue and the World Federation Coral Reef Conservation**. A passionate environmentalist and champion of the oceans, Cummings has spent more than 33

years working on solutions to the challenging problems that plague our oceans and coral reefs. Currently he is focused on establishing a UNESCO Center for Excellence in Cozumel, Mexico, as part of the Decade of the Ocean Science Diver Initiative. He is a 2016-19 advisor to the EarthXOcean Summit and a 2018 co-founder Inland Ocean Coalition Austin, TX. With 30+ years diving Cozumel's Meso-American Reef, working with local science, government, education, and business interests to deploy SDG14 solutions, Cummings is giving back so future generations might have an ocean too.



Maggie Cutts is Director of Philanthropic Development of **Prime Coalition**. She leads the stewardship of philanthropic investors, explore the intersectionality of climate with other impact themes, and to share Prime's structural model to the broader philanthropic community. Before Prime, Cutts was the Director of Membership Development at Mission Investors Exchange, the leading impact investing network for foundations dedicated to deploying capital for social and environmental change. There, she led the organization's membership strategy and helped bring foundations into the space of impact investing through resources, peer-to-peer connections, and deal sharing. Cutts earned an MBA in sustainable management from the Presidio Graduate School, where she focused on impact investing from both the structuring and funding sides of deal creation. She has a bachelor's degree in Politics and Latin American studies from the University of California, Santa Cruz, and a master's degree in global trade, finance and economic integration from the University of Denver. She lives in San Francisco.



Olivia Daane is a painter, art consultant, songwriter, wordsmith and mom. She received a B.A. From Vanderbilt University in 1992, studied with Syracuse University's undergraduate and graduate programs in Florence, Italy followed by an apprenticeship with internationally-recognized artist Paul Harmon. Known for her butterfly series begun in 2008, Olivia opened her LIVASPENART STUDIO in 2006 and LIVASPENART GALLERY on Cooper Avenue in Aspen, Co in February 2011-October 2013. She recently attended the Global Entrepreneurial Summit 2019 in The Hague by invitation of the U.S. State Department. A full time Aspenite since 1997, she spends as much time as she can in the mountains and taking in all the enriching programs Aspen has to offer.



Skipper Darlington is Founder and Executive Director of **Africa ASAP**.

Educated in the U.S., Switzerland, and Japan, Darlington is a licensed pilot and innovator. As President of the former Ozone Society, he hosted workshops that brought together Nobel Laureates, nuclear physicists, directors of the French and Soviet space agencies, and religious leaders—including Pope John Paul II—to focus international attention on the destruction of the natural world. These workshops were among a handful of vanguard efforts that helped make environmental science mainstream. In 2013 he founded Africa ASAP to bring together airship, solar-powered fuel cell, surveillance and communication technologies in order to provide an innovative, cost-effective means of achieving 24/7 real-time monitoring at vast and often remote landscape scales. He has worked with the International Telecommunications Union, National Geographic, ABC News, foundations, and private companies.



Ed Davis Transformative Technology and Business Leader

who incessantly delivers leading edge technologies to market with a highly successful track record of founding or co-founding billion dollar plus new technology divisions for different companies. Excels in developing and motivating highly successful teams that perennially exceed company objectives, while removing hurdles and recognizing excellence. Entrepreneur, intrapreneur with a diverse range of talents, performing at many Corporate Level positions including CTO, V.P. Engineering, Strategic Marketing, Business Development, CEO, and Chairman. Developing business plans for new startup businesses, doing everything from market research to product planning to engineering, developing products, developing and acquiring IP, driving standards, building strategic alliances, building a global customer base, and the entire ecosystem.

"If you really think that the environment is less important than the economy, try holding your breath while you count your money." — Guy McPherson



Mary-Rose de Valladares is General Manager of IEA (International Energy Agency) Hydrogen, global hub for cooperation and innovation in hydrogen R&D. She is the founding principal of M.R.S. Enterprises LLC, which provides management consulting and government relations services in energy, environment and sustainability. Formerly, she worked for the National Renewable Energy Laboratory but started out building wind/PV systems for irrigation/off-grid applications and solar homes in the southwest. She has a track record for leading transformation – of strategy, policies, organizations, and technology – from concept through development/financing/implementation. A founder of the New Mexico Solar Energy Industry Association, she served on the National Hydrogen Association Board of Directors. Proficient in four languages, she holds an MBA from Georgetown University, an MA in an urban planning field, and a Diplôme from the Sorbonne in Paris.



Jim Dehlsen is Chairman of Ecomerit Technologies, driving innovation of products for marine renewable energy including utility scale power systems driven by ocean currents and wave energy, data center modules, and subsurface desalination for coastal water supply. Dehlsen founded Zond Systems, pioneering and advancing wind turbine technology to become one of the industry's largest in turbine production and project development. Acquisition by General Electric in 2002 enabled GE's entry into wind energy gaining early global leadership. In 2002, Dehlsen and his son, Brent, formed Clipper Windpower creating the breakthrough Liberty turbine. By 2010 Clipper had supplied 18 projects totaling 2 GW of capacity and was acquired by United Technologies. Power Engineering's Top 10 most influential people over the past 25 years; The American Wind Energy Association Lifetime Achievement Award; Renewable Energy World's Leadership in Technology Award; UCSB's College of Engineering Venky Award, and the Danish Medal of Honor.



Noel Dockstader, and Co-Director, Quinn Kanaly, have been telling thought-provoking, impactful documentary stories about social issues, history, science, exploration and the environment for over a decade. In their latest collaboration, *POINT OF NO RETURN*, they go to extraordinary lengths to capture the drama of Solar Impulse's attempt to fly around the world without a drop of fuel. Prior to *POINT OF NO RETURN*, their collaborative works at Far West Film have been broadcast in the US and internationally on National Geographic, Discovery, Smithsonian, and PBS. Previous films include *Extreme Ice* for PBS/NOVA, following photographer James Balog as he documents the effects of melting ice sheets and glaciers around the world; *Collapse*, a National Geographic special based on the book by Pulitzer Prize-winning author, Jared Diamond. Documentaries for National Geographic's "Explorer" Series include *How to Build an Ancient Man*, *Search for the Head of John the Baptist*, *Death of the Iceman*, *Mammoth Mystery*, *Search for Amelia Earhart*, and *Peru: Mass Grave Mystery*.



Ellen Dorsey is Executive Director of the Wallace Global Fund, a private foundation focused on progressive social change in the fields of environment, democracy, human rights and corporate accountability. Under her leadership, the Fund is recognized globally for creative philanthropic strategies and mission-related investing. Dorsey was awarded the 2016 inaugural Nelson Mandela - Graca Machel Brave Philanthropy Award for launching Divest-Invest Philanthropy, a coalition foundations committed to aligning investments and grants to address the climate crises and accelerate the clean energy transition. She is also a founder of Shine, a global campaign committed to ending energy poverty by scaling access to distributed, renewable, and affordable energy for over a billion people who lack it. Dr. Dorsey has served as Executive Director at the Rachel Carson Institute, Director of the Human Rights and Environment program at Amnesty International, and Senior Program Officer in the Heinz Endowment's Environment Program.



Demond Drummer is an organizer and civic innovator whose grassroots work in Chicago has been recognized by the Obama White House, Code for America and the Aspen Institute. He is currently co-founder and executive director of New Consensus. An alumnus of Morehouse College, Drummer is a co-founder of the Resident Association of Greater Englewood (R.A.G.E.). He lives in Chicago with his wife and daughter.



Riggs Eckelberry co-founded OriginClear, which leads the decentralized water treatment revolution with modular industrial products that can be trucked on-site inexpensively, using super-durable materials. Eckelberry came to the water industry from a quarter century in high technology, specializing in disruptive technologies. During the dotcom, he worked on a series of tech successes, such as Quarterdeck and Panda Software, and helped sell companies to EarthWeb, BeFree, and BellSouth. Just prior to founding OriginClear, he helped achieve a NASDAQ IPO for CyberDefender, as its President and Chief Operating Officer. Eckelberry learned management in the nonprofit space and as a commercial ship captain. He enjoys skiing and sailing, and transforming the water industry to face the growing challenges of our time.

*"It's our task...
to hand down undiminished
to those who come after us,
as was handed down to us
by those who went before,
the natural wealth and beauty
which is ours."
— John F. Kennedy*



Stan Emert doubles as a business instructor at U Washington (Tacoma) and as EVP for Green Envirotech Holdings, Corp.. The GETH technology removes waste tires and plastics from the environment, extracts oil from the waste, creates stable jobs and economic opportunity. After 7 years of research and development this technology is ready for implementation. Previously Emert started the CSR group at Symetra Financial and led the company to regional and national awards in sustainability. He is the creator of RAINMAKERS.TV, a nonprofit documentary and interview TV/video series that celebrates the successes of people at all levels of the economic pyramid. He has spoken on business social responsibility before the World Bank, the US Chamber of Commerce, the American Film Institute, and to audiences around the world. Eliminate Waste Plastics and Tires FOREVER.



Charles Erdman is Executive Director of Product Design. Erdman is a creative executive building value at the intersection of human behavior and technology. He uses design alchemy to persuade, inspire and enroll. For the last 20-years, Erdman has lead teams of designers and developers building digital products and communications for Fortune 500 clients such as Adobe, Microsoft, Charles Schwab, Comcast, Disney and Lucas Film. He is now keen to use his design and blockchain technology experience to help democratize the burgeoning energy transition.

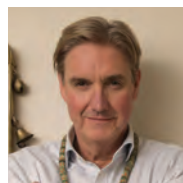


Colin Finnegan serves as Coalitions Manager at Citizens for Responsible Energy Solutions (CRES). In this capacity, Finnegan manages CRES' role within existing coalitions, coordinates relationships with allied organizations, and expands state-based advocacy for clean energy policies. Prior to joining CRES, Finnegan served as Associate Communications and Outreach Manager at the U.S. Chamber of Commerce's Global Energy Institute where he supported the Institute's external communications as well as the development and implementation of public affairs strategies. He began his career in the strategic communications industry at DCI Group in Washington D.C., where he began specializing in energy policy. Colin graduated from Kenyon College with a degree in International Studies and is originally from Massachusetts.



Larry Flowers is currently Principal of G4 Wind LLC, where he focuses on state wind conferences, wind outreach, and education. Previously, he served as Deputy Director of Community and Distributed Wind for the American Wind Energy Association (AWEA). Prior to AWEA, he spent 30 years at the National Renewable Energy Laboratory (NREL). As National Technical Director of Wind Powering America, he established state wind working groups, created the Wind for Schools programs, developed high resolution wind resource maps, and established a

wind-water-nexus initiative. Prior to WPA, he led programs and projects in international village power, hybrid energy systems, building sciences, thermal systems, and industrial applications. Flowers has degrees in metallurgical engineering and materials science from Lehigh University and an executive MBA from University of Denver.



Lawrence Ford is the Founder and CEO of Conscious Capital Wealth Management. Dubbed the "Shaman of Wall Street" by the *Washington Post*, a "Man of Two Worlds" by *The Economist*, "The Finance Guru" by NPR and the *Retirement Income Journal* "The Spiritual Advisor", Ford has dedicated much of his life to being a bridge between the modern world of business, the ancient world of wisdom, and the nexus of consciousness and capital. Ford has had an estimable career as an Entrepreneur, Financial Advisor, Consultant, Author, and Speaker helping people and organizations "wake up" and live a life of purpose, using the power of money and capital markets to make the world a better place. He is leading this revolution through building access/platforms, strategies and products in collaboration with some of the world's best thought and action leaders including the UN, the Nobel Peace Prize Forum, and The World Academy of Arts and Sciences.



Andrew "Twiggy" Forrest is Founder and Chairman of Fortescue Metals Group and Founder and Chairman of the Minderoo Foundation. Forrest is Australia's most active philanthropist and one of the most effective business leaders of his generation. As Fortescue's Founder and Chairman, he has led the company from inception to its Top 20 status in the Australian economy, during which time Fortescue invested more than US\$20 billion in the resources sector. In 2001, Forrest co-founded the Minderoo Foundation with his wife Nicola, which has supported over 280 initiatives across Australia and internationally in pursuit of a range of causes. In 2017, Forrest was appointed an Officer of the Order of Australia (AO) and in 2018, was honoured with the EY Entrepreneur Of The Year Alumni Social Impact Award for the "lasting and exceptional legacy" of his philanthropic work.



Daniel Fung is the Founding Chair of Cambridge Global Conversations and Chairman of United Nations Peace and Development Foundation. He served as Hong Kong's first solicitor general of Chinese descent. He is a graduate and Fellow of University College London and a Distinguished Fulbright Scholar. He is a visiting professor at Peking University Law School, visiting scholar at Harvard Law School, and senior visiting fellow at Yale Law School. Fung is a national delegate to the Chinese People's Political Consultative Conference and has served on the World Bank International Advisory Council on Law & Justice. Fung serves on the board of governors of the East West Center and is a founding governor of the China-US Exchange Foundation. Fung has been honored by the United Nations for his contribution to the UNDP China and the UN Millennium Development Goals.



Bobby Gill leads development and communications for the Savory Institute, a global non-profit facilitating the large-scale regeneration of the world's grasslands to address the root cause of food, water, and climate security. Since 2009, the Savory Institute has influenced management on over 25 million acres of desertifying grassland through its global network of 43 regional Hubs that train and equip farmers, ranchers, and pastoralist communities to utilize the land-regenerating potential of Holistic Management within their cultural and ecological context. Savory's new Land to Market program and Ecological Outcome Verification protocol connect verified regenerative supply to philosophically-aligned industries, bringing awareness and accessibility to products whose ecological footprint are a net positive for the planet.



Dr. Peter Gleick is a scientist, innovator, and communicator on water and climate issues. In 1987 he co-founded the independent think tank Pacific Institute, which he led as president until mid-2016, when he became president emeritus. Gleick is a MacArthur Fellow and is an elected member of the U.S. National Academy of Sciences. He developed one of the earliest assessments of the consequences of climate change for water resources, assessed the risks of conflict over water, and helped to define basic water needs and the human right to water – work that has been used by the United Nations and in human rights court cases. Gleick has pioneered and advanced the concepts of the “soft path for water” and “peak water.” He has authored or co-authored many scientific papers and twelve books, including *Bottled and Sold: The Story Behind our Obsession with Bottled Water* and *A 21st Century U.S. Water Policy*.



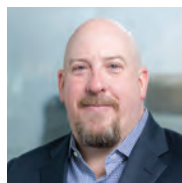
Dr. Ben Goertzel is the CEO of the decentralized AI network SingularityNET, a blockchain-based AI platform company, and the Chief Science Advisor of Hanson Robotics, where he led the team developing the AI software for the Sophia robot. Goertzel also serves as Chairman of the Artificial General Intelligence Society, the OpenCog Foundation, the Decentralized AI Alliance and the futurist nonprofit Humanity+. Goertzel is one of the world's foremost experts in Artificial General Intelligence, a subfield of AI oriented toward creating thinking machines with general cognitive capability at the human level and beyond. He has decades of expertise applying AI to practical problems ranging from natural language processing and data mining to robotics, video gaming, national security and bioinformatics. He has published 20 scientific books and 140+ scientific research papers, and is the main architect and designer of the OpenCog system an associated design for human-level general intelligence.



Jon Goldin-Dubois is the President of Western Resource Advocates. He is a native Westerner and has been an innovator within the nonprofit community for almost 30 years. His background includes strategic advocacy, fundraising, campaign leadership, policy development and analysis, and grassroots organizing. His career spans several disciplines, including a wide variety of work on environmental, conservation and energy issues, government reform and accountability, and youth and international development. Goldin-Dubois has provided strategic guidance to non-profit organizations developing diverse coalitions, training leaders around the globe in effective advocacy skills, and planning successful campaigns to address a broad array of social and environmental challenges.



Brian Goldstein leads Energy Independence Now in its mission to support a transition to a clean transportation system. With a background in finance, Goldstein has professional experience in the alternative fuels, renewable energy, energy efficiency, transportation technologies, and financial services sectors. He has served as CFO of a motorcycle design and manufacturing firm as well as CFO of a hydrogen transportation technology company, where he focused on both public and private financing initiatives, infrastructure acquisitions, automotive technology development, and fleet adoption of hydrogen technology. Goldstein has worked to develop alternative fuel distribution networks in California and Colorado. He has also served as a technical and financial consultant to the US Department of Energy and he continues to serve as a judge for the Clean Tech Open business plan competition as well as the DOE National Clean Energy Business Plan Competition.



James Goudreau is the Head of Climate for Novartis Business Services, crafting strategy and policy for Novartis to increase climate resilience, reduce GHG emissions and increase energy resilience across their global operations. This diverse efforts in technology, partnerships, procurement and climate risk assessments are designed to achieve efficiency, resilience and greater shareholder value. Prior to joining Novartis, he culminated a military career as a U.S. Navy Captain working as Acting Deputy Assistant Secretary of the Navy (Energy) focused on increasing operational capabilities and resilience globally for the U.S. Navy and Marine Corps. He is graduate of Norwich University and Troy University and completed the Tuck Executive Program at the Dartmouth College Tuck School of Business. He now resides in Newburyport, MA with his wife, Dr. Jennifer Goudreau, and their daughter.

“We children are doing this to wake the adults up. We children are doing this for you to put your differences aside and start acting as you would in a crisis. We children are doing this because we want our hopes and dreams back.” — Greta Thunberg



Ilmi Granoff is the **Director of ClimateWorks Foundation's Sustainable Finance Program**. He is an attorney and policy expert with a decade and half of experience in environmental law and policy, sustainable development, energy and infrastructure finance, and public-private partnerships. Previously, Granoff headed the Green Growth Business Unit at the Overseas Development Institute, served as the Special Counsel for Climate and Environment and the African Development Bank, and practiced law in the global energy and infrastructure group at Freshfields. He holds graduate degrees in law, international relations, and environmental science from New York University and Yale University, and a BA from Swarthmore College.



Jonathan Granoff is an attorney, author and international advocate emphasizing the legal and ethical dimensions of human development and security, advancing the rule of law to address international security and the threats posed by nuclear weapons. He serves on numerous governing and advisory boards including: Lawyers Committee on Nuclear Policy, Fortune Forum, Jane Goodall Institute, Parliamentarians for Nuclear Nonproliferation and Disarmament, and Middle Powers Initiative. He is a recipient of the Rutgers University School of Law's Arthur E. Armitage Distinguished Alumni Award and a 2014 nominee for the Nobel Peace Prize. He is the Senior Advisor to the Permanent Secretariat of the World Summits of Nobel Peace Laureates and its Representative to the United Nations, Ambassador for Peace, Security and Nuclear Disarmament of the Parliament of the World's Religions, and is Chair of the Task Force on Nuclear Non-proliferation and Senior Advisor to the Committee on National Security of the International Law Section of the American Bar Association.



Jena Marie Griswold is **Colorado's 39th Secretary of State**. She is the youngest Secretary of State in the United States and the first Democratic woman to be elected to the position. Griswold grew up in a working-class family in rural Colorado and was the first person in her family to attend a four-year college and then law school. She has practiced international anti-corruption law and worked as a voter protection attorney, where she made sure Coloradans were able to participate in our democracy. Griswold served under John Hickenlooper as the Director of the Governor's DC Office, advocating on behalf of Colorado in D.C. and was instrumental in bringing back hundreds of millions of relief dollars to help the Colorado communities hit by the 2013 flood.



Juan Grobler is a **Founder and Executive Vice President of FridgeWize, Inc.** FridgeWize was founded to measure energy reduction in the HVACR space. Since its inception in 2010, FridgeWize has become the leading authority and retrofit arm in North America of an energy efficient line, which is fully quantifiable, and is now in the process of a global expansion. He holds a degree in Science from Natal University in South Africa and resides

in Carbondale, Colorado. He consults to numerous national and international businesses to reduce their carbon footprint and saves money on their bottom line with very quick payback periods. The former International rugby player, who played in the 1999 Rugby World Cup, is a fierce competitor and has a passion for energy conservation.



Elizabeth Halliday Richardson is the **COO of the Grace Richardson Fund**. She helps plan and organize events that focus on Clean Tax Cuts and clean free market policy innovation, helping design policies that reduce tax, trade and regulatory barriers to clean free enterprise. Since 2016, such policy design discussions have been co-convened by a variety of groups, including: Living Room Conversations; Kemp Foundation; Rocky Mountain Institute; The Sabin Center for Climate Change Law, Columbia University; R Street, ASBC, The Nature Conservancy, EarthX, AREI, ASU LightWorks, ACEEE; Ocean Recovery Alliance; CRES Forum; ACCF; MIT CEEPR, and Atlas Network, among others. Working with GRF, she has assisted in the formation of the Clean Capitalist Coalition (a think tank coalition developing clean free market solutions) and the Clean Capitalist Leadership Council (a donor coalition funding clean free market policy innovation).



Bryan Hannegan is **President and CEO of Holy Cross Energy**, a not-for-profit, member-owned electric cooperative utility providing electricity and energy products and services to more than 42,000 customers in Western Colorado. Headquartered in Glenwood Springs, Holy Cross Energy is leading the responsible transition to a clean energy future with its "Seventy70Thirty" plan aimed at obtaining 70% clean and renewable energy for its members by 2030. Earlier in his career, Hannegan held senior leadership roles at the National Renewable Energy Laboratory (NREL), the Electric Power Research Institute, the White House Council on Environmental Quality, and the U.S. Senate Committee on Energy and Natural Resources. In addition to his energy technology and policy expertise, Hannegan is a published climate scientist and holds a Ph.D. in Earth System Science from the University of California – Irvine.



Jack Hatch is the **Principal of the Hatch Development Group**, a developer of affordable housing opportunities for communities in Iowa. He has received state and national recognition for his projects revitalizing neighborhoods that other developers deemed too risky. Working with neighborhood leaders, city and county officials, lenders and investors, Hatch designed, built and managed \$160 million of housing projects in Iowa. Hatch was an Iowa State Senator and the 2014 Democratic candidate for Iowa Governor. Hatch earned his B.S. and M.P.A. from Drake University in 1972 and 1973. In 2010, he chaired the White House Task Force of State Legislators for Healthcare Reform and spearheaded legislation establishing Iowa as the state with the highest percentage of children covered by health insurance. Book: NO SURRENDER; progressive agenda for Iowa's future.



Katie Hoffman is a financial innovator, development strategist and serial entrepreneur dedicated to advancing climate solutions. Hoffman is the founder and CEO of Resco, LLC, a strategic advisory firm focused on scaling international impact investment opportunities. She played an integral role in passing policies that influenced the University of California, CalPERs and CalSTRs to shift billions of dollars toward sustainable investment, and was an Entrepreneur in Residence at the California Clean Energy Fund (now New Energy Nexus). Her work in climate finance spans multiple asset classes, including equities, real estate, and digital assets. Hoffman was responsible for leading the creation of an environmental project incubator-accelerator at UC Berkeley, and helped manage the development of the Global Environmental Resource Center at UC Irvine. She is the co-chair of the NEXUS Global Energy Innovation and Environment Group, a trustee of the American Renewable Energy Institute, and a senior advisor to the World Ethics and Leadership Foundation.



Charlotta Holmquist is a seasoned entrepreneur and founder of several companies in cleantech, fintech, B2C and B2B. Her current role is Executive Chairman and Co-Founder of BLIXT, multiple award winning tech startup from Sweden and the first and only to develop miniature solid state circuit breakers. A revolutionary technology paving the way for clean energy and carbon emission savings through grid edge intelligence. In 2019 Holmquist was honored 'No 1 Female Entrepreneur of the Year Globally' by the UK rating institute Earlymetrics. MBA from Stockholm School of Economics and started her career as Chief Analyst at Salomon Smith Barney in Chile.



Andrew Horvath is Global Group Chairman at Star Scientific Limited a research and development company focused on hydrogen power generation based in Australia. Their patented technology called HERO® (Hydrogen Energy Release Optimiser) promises an affordable, reliable, and sustainable energy future that the world needs. Horvath's vision has been instrumental in taking Star Scientific from a research lab founded by his father, nuclear physicist and inventor, Steven Horvath, to an international business with the potential to transform a broad array of sectors.



Sarah E. Hunt is a leader in conservative clean energy policy and a successful social entrepreneur. As Co-Founder and CEO of the Joseph Rainey Center for Public Policy, she leads public policy research and leadership development programs by and for women, minorities, and mavericks. Previously, Hunt launched a clean energy program at the American Legislative Exchange Council and a climate change program at the Niskanen Center. She also served as Manager, State Issues and Ethics Officer at Stateside Associates and practiced political law in the Pacific Northwest. She

holds a BA in political science from the University of New Mexico, a JD from Willamette University College of Law, an LLM in international environmental law from Georgetown University Law Center, and an MPS in global advocacy from the George Washington University Graduate School of Political Management.



Robert "Hutch" Hutchinson, MBA is currently a Senior Fellow at Rocky Mountain Institute (RMI), an investor and advisor for startup companies, including Resilient Analytics, in the energy, environmental and impact spaces, and consultant to breakthrough efforts in industrial and buildings efficiency. He has 35 years of experience in energy research, design, and business strategy and decision-making. He was previously Managing Director for RMI's programmatic activities, hiring and shaping teams, setting priorities and ensuring funding for its programs. Prior to RMI he ran a cleantech venture group, following twenty years as a Partner at the Boston Consulting Group, where he started 2 offices, helped shape two practices (Energy and Information Technology) and worked on 4 continents. He started his career working at Exxon and the Department of Energy's Pacific Northwest National Laboratory.



Susan Innis is Senior Manager, Renewable Development for Invenergy LLC. She has been catalyzing the growth of wind power and renewable energy for the past twenty years. She started her career with Western Resource Advocates in Boulder, Colorado working on state and local policies to advance clean energy around the West. Under Governor Bill Ritter's energy office, she created the Colorado Carbon Fund, an innovative carbon offsetting program supporting local projects to address climate change. Building on this experience, Innis worked with Vestas, the world's largest wind turbine manufacturer, to help establish four factories in Colorado. Today, Innis is leading renewable energy project development across the Southwest for Invenergy. When not working on clean energy and climate issues, you'll find her teaching skiing or scuba diving to adventure-seekers.



Slater Jewell-Kemker is an award winning filmmaker and climate activist. She is the youngest Resident ever of the prestigious Canadian Film Centre Directors Lab, Jewell-Kemker has been making films since she was six. Jewell-Kemker has been featured by Forbes for her ten year documentary feature on the rise of the global youth climate movement *YOUTH UNSTOPPABLE*, and another for her CFC short film *STILL* which explores domestic violence and infatuation. *STILL* landed her in Hollywood Reporter's Next Gen Canadian Filmmakers as one of 15 filmmakers under 30 to watch. Award winning *YOUTH UNSTOPPABLE* premiered at Michael Moore's Traverse City Film Festival, and screened at dozens of festivals around the world. Jewell-Kemker is also an accomplished speaker and frequently is invited to speak on film and climate change panels to represent the voice of youth.



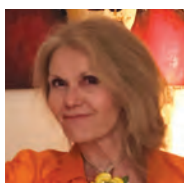
Gene Karpinski is the President of the **League of Conservation Voters (LCV)**, and previously served on the LCV Education Fund Board of Directors and the LCV Political Committee. Before LCV, Karpinski worked for over 20 years as the Executive Director of the U.S. Public Interest Research Group (US PIRG), the national lobbying office for state PIRGs across the country, where he led many national environmental issue campaigns. Before his tenure at US PIRG, he was the Field Director for People for the American Way and Congress Watch, and Executive Director of the Colorado PIRG. He has served on the boards of Earth Share, the Partnership Project, the Beldon Fund, and the National Association for Public Interest Law. Karpinski is a graduate of Brown University and Georgetown University Law Center.



Tony Keane, CAE, is President and CEO of **EarthX** in Dallas, TX. EarthX operates the largest event recognizing environmental, sustainability and resilience issues. Additionally, Keane serves as a director on the boards of Global Green, and Angels Life Skills Center. Keane has over twenty-five years experience in the nonprofit sector. Prior to EarthX he was the president and CEO of International Facility Management Association, (IFMA) in Houston, TX. Previously he has served as executive director of NACE International; COO of Optical Society of America; deputy executive director of Construction Specifications Institute and Institute of Industrial Engineers. He graduated Magna Cum Laude from the University of Cincinnati with a business degree in accounting and management. He holds a certificate in Executive Leadership from Rice University and is a non-practicing CPA.



Thomas King is President and Founding Director of **Borincana Foundation Inc.** With more than thirty years experience in finance and energy, King has completed more than \$25 billion of equity and debt investments across six continents acting both in a proprietary capacity and for many of the world's most prominent energy and infrastructure companies. He has provided path-finding leadership in structured debt financings leading to solar energy ABS and was an early investor and proponent of PACE financing. King is currently Managing Partner of CrossRiver Capital and was a Founding Partner of US Renewables Group, the first private equity group focused solely on renewable power, bio-fuels/chemicals, and related infrastructure. Earlier in his career, King was Head of Utilities for North America at Dresdner Kleinwort Wasserstein, and prior to that worked for over a decade with JP Morgan Chase in London and New York doing project and structured finance and advisory.



Joanie Klar is a visionary social architect, media producer, and public speaker. She works in educational and community development programs and policy forums as part of launching sustainability initiatives. Currently she is a Partner in the Poem

Foundation, Poem Media and Poem Resorts working to build full-spectrum Wellness Centers. Living in Aspen Klar has contributed to the Planning and Zoning's mission to create a Grown Management Plan defining community goals for sustainability, renewable energy, permaculture landscapes for water conservancy, open space. She supported EARTH CALL in Aspen in May 2019. Previously she was intricately involved in building the first Merchandise Mart and Trade Center for Indonesia and marketing it globally to build the Bali/Indonesia Brand. As a Founding board member of the International Bamboo Foundation in Bali which created the Bamboo Revolution Brand.



Jonah Kurman-Faber is a Research Associate at **Climate XChange**. He is an expert on carbon pricing systems at the state level. Through the State Carbon Pricing Network (SCPN), he advises state policymakers across the US on how to draft and implement effective carbon pricing policies. Kurman-Faber also produces extensive analysis and thought leadership on cap-and-trade programs in the United States such as California and the Regional Greenhouse Gas Initiative. His most recent work focuses on creating a framework for what role carbon pricing can play in the just transition to a green economy.



Tiina Kurvits is a Project Manager at **GRID-Arendal**, a Norwegian non-profit organization and collaborating centre of the United Nations Environment Programme. Tiina has over 25 years of experience in a broad range of environmental and policy issues, working with a range of government and non-government organizations in Canada and internationally. Her current focus areas include blue forests for a blue economy, marine plastics and climate change in the Arctic and Small Island Developing States. Her interests include the impacts of climate change on food security, and ecosystem-based adaptation to climate change, with an emphasis on the integration of traditional and scientific knowledge.



Sandra Kwak is CEO and Founder of social business **10Power**, which is providing renewable energy internationally to communities that lack access to electricity. Previously she worked with AutoGrid creating energy saving apps for utilities using smart meter Big Data, scaling the company through \$14M in financing from prototype to a global brand. Kwak also Co-Founded and served as President and COO of energy efficiency company Powerzoa and at Pacific Gas and Electric Utility implementing the ClimateSmart program, which offsets emissions associated with electricity generation. She has a Sustainable MBA from Presidio Graduate School, has taught at SFSU and guest lectures at CCA and Stanford.



Klaus Lackner, Ph.D., is the Director of Center for Negative Carbon Emissions and Professor at the School of Sustainable Engineering and the Built Environment of the Ira A. Fulton Schools of Engineering, Arizona State University. Lackner's research

interests include closing the carbon cycle by capturing carbon dioxide from the air, carbon sequestration, innovative energy and infrastructure systems, the role of automation, robotics and mass-manufacturing in downscaling infrastructure systems, and energy and environmental policy. Trained as a theoretical physicist, he has made several contributions to the field of carbon capture and storage since 1995. His recent work at Columbia University as Director of the Lenfest Center for Sustainable Energy, advanced innovative approaches to energy issues of the future and the pursuit of environmentally acceptable technologies for the use of fossil fuels.



Osprey Orielle Lake is the Founder and Executive Director of the Women's Earth and Climate Action Network (WECAN) International, working nationally

and internationally with grassroots and Indigenous leaders, policy-makers, and diverse coalitions to build women's leadership, climate justice, resilient communities, and a just transition to a decentralized, democratized clean energy future. She serves on the Executive Committee for the Global Alliance for the Rights of Nature, and has been a core organizer of various International Rights of Nature Tribunals. She directs WECAN's advocacy work in areas such as Women for Forests, Divestment/Investment, Indigenous Rights, and United Nation Climate Conferences. Her writing has been featured in publications including *The Guardian*, *Common Dreams*, *Earth Island Journal*, *The Ecologist*, *OpenDemocracy*, and *EcoWatch*. She is the author of the award-winning book, *Uprisings for the Earth: Reconnecting Culture with Nature*.



Marjorie Layden is the Founder of the World Ethics and Leadership Foundation (WEL Foundation), whose mission is to inspire ethical leadership globally, by championing integrity and social responsibility at all levels of business and society across generations. She hopes to inspire a unified, passionate desire to pursue business, leadership and life with ethical vigour. She also sits on the boards of Salzburg Global Seminar, American Renewable energy institute and the Aspen Brain Institute.



Robert Levin is CEO of Emerging Star Capital, LLC, specializing in technology investments & project finance. Founder of Transclick, Inc., a Technology Pioneer member of the World Economic Forum with over 14 million downloaded multilingual AI clients in 192 countries, Robert has expertise in financing renewable energy projects. He is an inventor, best-selling author, public speaker and holds one issued US patent. A Tech Laureate of the Tech Museum of Innovation

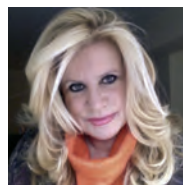
and Roberts has won the Gold Edison Award for Innovation in mobile apps, is a member of the AlwaysOn Mobile 100 and the AlwaysOn Global 250. He is a thought leader in global innovation, and the author of the first biography of President Bill Clinton, *Bill Clinton: The Inside Story*, and *Democratic Blueprints: National Leaders Chart America's Future*. He was an Adjunct Assistant Professor of Finance at the Columbia Business School teaching global investment strategy and an Adjunct Assistant Professor of Political Economy at Columbia University.



David Levine is the Founder and President of the American Sustainable Business Council. ASBC is a growing coalition of business organizations and companies

advancing market and policy change for a sustainable economy. The Council brings

together the business voice and power to stimulate our economy, benefit our communities, and regenerate our environment. The organizations that have joined in this partnership represent over 250,000 businesses. Levine worked as a social entrepreneur for over 30 years focusing on the development of whole systems solutions for a more sustainable society through building strategic partnerships and broad stakeholders initiatives. Previously, he was the Founding Director of Continuing Education and Public Programs at The Graduate Center, City University of New York. From 1984-1997, Levine was Founder and Executive Director of the Learning Alliance, an independent popular education organization.



Gail Levy, Founder and CEO of HFactor Hydrogen Infused water, is renowned for her expertise in domestic and international product development, sales and brand marketing. Recognizing the enormous

benefits of hydrogen water HFactor's mission to make hydrogen water accessible to everyone. Her team of experts engineered the most natural process possible to combine hydrogen and water with zero impurities and optimal impact. HFactor products are available in over 7000 retailers including Walmart, Albertsons, and Safeway. Previously Levy pioneered the creation of an on-line design and fulfillment company of home decor, gifts, and outdoor lifestyle products, establishing one of the most lucrative fulfillment companies serving corporations such as 1-800-Flowers, FTD, and Hallmark. Levy founded the White House Millennium Green Committee, a national project of the White House Millennium Council, and served as White House appointee to the Education and Remembrance Committee of the US Holocaust Museum.

"This is probably the most difficult task we have ever given ourselves, which is to intentionally transform the economic development model, for the first time in human history."
— Christiana Figures



Amy Lewis is Vice President of Policy and Communications for The WILD Foundation. Lewis uses storytelling to engage and mobilize leaders for the defense of nature. She applies her unique brand of problem-solving at the WILD Foundation where she is responsible for building international support and commitment for wild nature. Before bringing her talents to WILD, Lewis spent over 10 years researching the building blocks of collective action. Aligning her personal goals with the urgent need to create an international ethic of care for our wild planet, Lewis is also busily at work on the final two chapters of her doctoral dissertation which delves into the political origins of pollinator decline in North America.



Alec Looz is a 24-year-old artist, communicator, and activist based in Olympia, WA. With over a decade of experience in the climate movement, Looz holds a unique perspective on the crises we face and the path forward. During his teens he spoke on stage to over 500,000 people after starting his first organization at age 12. Over the years, his message has shifted away from the mainstream climate narrative; his thinking now explores the deeper roots of this crisis, particularly in our language, perception, and relationship with the living land. Currently he is launching Circle of Fire, which aims to create space for integrative conversations. Looz is a musician, poet, photographer, filmmaker, and writer; his creative work resides at the crossroads between science, ecology, poetry, spirituality, and storytelling.



Amory Lovins is the Chairman and Chief Scientist of Rocky Mountain Institute (RMI) and the Chairman Emeritus for Fiberforge Corporation. Lovins was named "One of The 100 Most Influential People in the World," by *Time* magazine. Lovins is an American consultant, experimental physicist and 1993 MacArthur Fellow, and has been active at the nexus of energy, resources, economy, environment, development, and security in more than 50 countries for over 40 years. His innovations have been recognized by the Blue Planet, Volvo, Onassis, Nissan, and Mitchell Prizes. Lovins' clients have included Fortune 500 companies, U.S. states, the U.S. Energy and Defense Departments, and over 100 energy utilities. Lovins has led the technical redesign of over \$30 billion worth of industrial facilities to achieve energy savings. He has published 31 books and has taught at eight universities. His latest book is *Reinventing Fire*.



L. Hunter Lovins is President and Founder of Natural Capitalism Solutions (NCS) which educates senior decision makers in business, government and civil society to restore and enhance the natural and human capital while increasing prosperity and quality of life. NCS creates innovative practical tools and strategies to enable companies, communities, and countries to become more sustainable. A sociologist and lawyer, her areas of expertise include Natural Capitalism, sustainable

development, globalization, energy and resource policy, economic development, climate change, land management, and fire rescue and emergency medicine. She developed the Economic Renewal Project, is Chief Insurgent of the Madrone Project, and is faculty at Bainbridge Graduate Institute. Recipient of the "Right Livelihood Award," "Lindbergh Award," and "Leadership in Business," she was named *Time* magazine "2000 Hero of the Planet". In 2009, Newsweek dubbed her a "Green Business Icon."



Alice Madden is a Fellow at CU Law School's Getches-Wilkinson Center for Natural Resources, Energy and the Environment and a consultant helping to advance emerging clean energy technologies. She is a progressive champion who has dedicated her life to implementing forward-leaning policies in myriad areas. While serving in the Colorado State House, she led the effort to win a historic progressive majority in 2004. As Majority Leader, Madden helped build the foundation for Colorado's New Energy Economy. Madden then served as Climate Change Advisor and Deputy Chief of Staff to Governor Bill Ritter. In 2011, Madden served as the Timothy Wirth Chair in Sustainable Development at CU Denver. She later accepted an appointment at the U.S. Department of Energy, helping implement the President's Climate Action Plan.



Jerry Mallett is the President of Colorado Headwaters, an organization dedicated to Colorado water resources through preservation and restoration of wetlands and ground water recharge in headwaters regions. For over 50 years Mallett has worked with local, national and international officials, agencies and citizen groups to achieve solutions to environmental, social and economic issues. As executive director of Western River Guides Association, Jerry developed and secured funding for the association's annual budget. Mallett also served as western field representative for The Wilderness Society and as development director for funding Western U.S. field representatives. He was also a founding member of American Rivers, where he served on the board of directors for 25 years.



Delia Malone is an ecologist with the Colorado Natural Heritage Program. She has conducted biological surveys and assessments of rare plants and animals as well as upland, wetland and stream habitats throughout Colorado from Dinosaur National Monument to the Flat Tops and the Roan Plateau to Purgatoire Canyon. Malone also works as adjunct faculty at Colorado Mountain College in their Sustainability program where she teaches Conservation Biology and Ecology. Her volunteer activities include Chair of the Wildlife Team for the Colorado Chapter of the Sierra Club, vice-chair for Roaring Fork Audubon and the Rocky Mountain Wolf Project where she serves on the science advisory team.



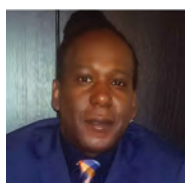
Kate Maloney, PhD is the CEO and Executive Producer of **WeRiseUP The Movie and Movement** that features the United Nations and key global leaders. Maloney has a background as a social entrepreneur, was featured as a top entrepreneur in Inc Magazine and is an INC 500 Company Founder. Over the last decade, Maloney has founded over a dozen technology companies primarily in the healthcare sector and has had nine successful company exits. She has served as Co-Board Chair with John Mackey (Founder and CEO, Whole Foods Market) to bring together conscious business and thought leaders together in a non-profit context to solve some of the most serious problems facing the planet today. She holds a Masters Degree in Clinical Psychology and a Doctoral Degree in Psychology with an emphasis in Organizational and Financial Applications.



Brad Markell works in the president's office at the AFL-CIO in Washington DC, and leads the federation's work on energy and climate policy. He has led several U.S. labor delegations to the United Nations climate negotiations, and worked closely with the U.S. State Department to win worker-friendly language in the Paris Agreement. Markell is a member of International Labor Organization's Expert Committee on Just Transition. Markell also worked for the UAW, and was deeply involved in negotiating the historic tailpipe emissions standards established by the Obama administration. He was the primary architect of DOE's ATVM program, which loaned over \$10 billion to Ford, Tesla, and others. He joined the UAW in 1976 and is a member of Local 14 in Toledo, Ohio.



Dr. Cheryl Martin founded **Harwich Partners** to engage public and private sector entities in implementing solutions for complex problems, especially those related to energy, sustainability, urban development and technology adoption. Until November 2018 she was a member of the Managing Board at the World Economic Forum where she was responsible for a range of business and innovation initiatives. Previously Martin served as the Acting Director of ARPA-E at US DOE. She was also the Deputy Director for Commercialization at the agency where she developed the Technology-to Market program. Prior to joining ARPA-E, Martin was an EIR with VC firm KPCB. She spent 20 years with Rohm and Haas Company in roles ranging from technology development to finance and business management and holds a Ph.D. in organic chemistry from MIT.



Fred Martin is Founder and CEO of **Compton Kidz Club**. One of ten siblings growing up in Compton, California, Martin developed a passion for music at an early age. Unfortunately, when his parents were unable to afford his saxophone rental of 6 dollars a month, he had to set this passion aside. When this happened, Martin vowed to ensure that other parents would not have to choose between their child's dreams

and their family's well being. In 2002, Martin founded the Urban Entertainment Institute and Compton Kidz Club, and since then has been making good on his promise and helping to encourage and hone the skills of any child who wants to pursue their passion. Compton Kidz Club is a group of youth ages 12-17, who is emerging as the voice of the youth generation. Using their voice and musical talent to champion environmental and social justice issues.



Vance Martin is President of **WILD Foundation**, a US-based, globally-focused not-for-profit originally founded in South Africa by Ian Player. He has worked or lived in over 60 countries, implementing WILD's global vision of Nature Needs Half, working with WILD's many projects, and as International Director for WILD's World Wilderness Congress. WILD11 will convene in Jaipur, India, March 2020 www.wild11.org. Working with leaders in government, business, communications, and the arts (both modern and traditional) Martin is committed to collaboration in crafting positive conservation solutions for wilderness, wildlife and people. Among many roles, Vance also is: Founder/Co-Chairman of the Wilderness Specialist Group in the World Commission on Protected Areas/IUCN; President, Wilderness Foundation Global (South Africa); Director, International Conservation Caucus Foundation; and International Advisor, EcoForum Global (China).



Xiuhtezcatl Martinez is Youth Director at **Earth Guardians**. He is an indigenous climate activist, hip-hop artist, and a significant figure in the global youth-led environmental movement. Martinez has addressed the United Nations Summit in Rio de Janeiro and the General Assembly at the United Nations in New York City. Further, he has also worked on numerous local efforts to remove pesticides from parks, coal ash contained, and currently leads a youth-led lawsuit against the federal government for their failure to protect the atmosphere for future generations.



John McBride, Founder of the **Sopris Foundation**, is a businessman, rancher and conservationist, who came to Aspen, Colorado in the 1960's where he helped to develop the Snowmass Ski Area and created the successful Aspen Airport Business Center. He is a rancher and philanthropist with a focus on land management, preservation, and conservation. McBride's longtime focus has been on the nexus of population growth and the consumption of natural resources and has sponsored numerous "State of the World" and "Land Management" conferences and summits. The Sopris Foundation supports conservation, environmental stewardship and the preservation of family farms and ranches.



Ravé Mehta is a managing partner of **Flow Capital**, and the founder of **Flow Labs**, a frontier tech incubator. Mehta is an entrepreneur, investor and a recipient of the Tesla Vision Award. He is the founder and chairman of **Water Ledger**, which is creating the first global water bank to help buffer the impact of climate change on our diminishing fresh water supply. He's also the founder and chairman of **Rise**, a movement studio that creates global synchronized collective actions with participants from over 1,000 cities across 88 countries around the world with a focus on ground-up collective actions to help solve the global climate crisis. Mehta is a former board member of **Space Florida**, helping with the transition from the national space shuttle program to the commercial space program. He is also an award-winning pianist and bestselling author of *The Inventor*, based on the true story of Nikola Tesla.



Alex Melnyk is the Producer of **WeRiseUP The Movie** and is President of **Storyworks**, a social impact creative agency helping brands grow purpose, profit and impact. Alex has a fierce passion for elevating the work of women entrepreneurs who are working for a sustainable, equitable and just world. After a successful run managing the international pop band, **The Thompson Twins**, Melnyk's gift for connecting people led her to the legendary film production company, **Propaganda Films**, where she became an Executive Producer. She became fascinated with the future of entertainment and made the jump to digital as the VP of Interactive at **MCA/Universal**. After leading different organizations, Melnyk focuses now on helping to create a net positive for the world by connecting people to their purpose and passion. The drive to connect purpose to our work in life is fulfilled in her current feature length **CauseUmentary**, *WeRiseUP* which explores a new definition of success at the personal, collective and universal level.



Paul D. Miller/DJ Spooky is Chief of **Strategy for Global Brain** and is a composer, multimedia artist, editor and author. His **DJ MIXER iPad** app has seen more than 12 million downloads in the last year. In 2012-2013 he was the first artist-in-residence at the **Metropolitan Museum of Art** in NYC. He's produced and composed work for **Yoko Ono**, **Thurston Moore**, and scores of artists and award-winning films. Miller's work as a media artist has appeared in the **Whitney Biennial**; **The Venice Biennial for Architecture**, the **Ludwig Museum** in Cologne, Germany; **Kunsthalle**, Vienna; **The Andy Warhol Museum** in Pittsburgh and many other museums and galleries. His book, *Sound Unbound*, an anthology of writings on electronic music and digital media, is a best-selling title for **MIT Press**.



Melissa Miyashiro is the Managing Director of Strategy and Policy at **Blue Planet Foundation**, a Hawaii-based nonprofit committed to clearing the path for 100% clean energy through bold advocacy, community action, and creative communications. As part of **Blue Planet's** senior leadership team, Miyashiro heads the organization's clean energy and climate policy efforts, strategic impact, and partnership development. She received a law degree and a certificate in Environmental Law from the **William S. Richardson School of Law** (University of Hawaii at Manoa). Prior to **Blue Planet**, Miyashiro worked as a litigator in private practice and as a legal fellow assisting state agencies with invasive species policy and inter-agency coordination. She has authored papers on climate justice and taught persuasive writing and legislative advocacy at Hawaii's law school.



Mario Molina is Executive Director of **Protect Our Winters**. An avid alpinist, snowboarder, mountain biker, guide, and life adventurer, Molina previously served as international director at **The Climate Reality Project**, where he designed the organization's climate leadership trainings and oversaw its post-Paris Agreement international strategy. Prior to his work at **Climate Reality**, Molina led strategy and programs as deputy director at the **Alliance for Climate Education (ACE)**. Molina grew up in the highlands of Guatemala, and has a deeply rooted respect and relationship with the mountains and outdoor culture. He has trained corporate leaders, government officials, NGO groups, athletes and activists, on climate change strategies, communications, and engagement. He has spoken widely on climate policy including for the **World Bank**, **IBM**, the **Mexican Senate**, the **Brazilian Forum on Climate Change**, and various global stages.



William Mundell, entrepreneur and film producer, was an adjunct professor of finance and economics at **UCLA's Anderson Graduate School of Management** with substantive business and academic experience in China. Mundell is an honorary professor at **Tsinghua University** in Beijing. In 2005, Mundell formed **Californians For Fair Redistricting** to advance fair redistricting reform. In 2010, he served as executive producer of the feature documentary *GERRYMANDERING*, which focused on the use of gerrymandering to fix elections and protect incumbents. The film is credited with creating sweeping political reform in California. In 2013, inspired by his interest in seeing two global superpowers navigate toward a peaceful, respectful, and mutually beneficial relationship, Mundell embarked on a five-year project to create the feature documentary *BETTER ANGELS*. Released in 2018, the film explores the true potential of the U.S.-China relationship on the political, economic and human level.

"The future will be green or not at all." – Jonathon Porritt



Dave Munk is Vice Chair of Holy Cross Energy. A 36-year Roaring Fork Valley resident, Munk has served on the Holy Cross Energy board since 2010 and has been centrally involved in its evolution toward an equitable, consumer-centric clean energy future. Holy Cross members include local governments and the resort towns of Aspen and Vail, with many seeking aggressive climate action. Munk is also on the board of CORE (www.aspengroup.org) which advances Net Zero building practices, carbon reduction and electrification for the Roaring Fork Valley. He is active nationally with progressive co-op leaders through the Cooperative Leadership Network (CLN) and the Director Advisory Group of the national trade association. He has a background in energy and water efficiency, working with energy and water utilities on for nearly twenty years to design and implement efficiency education and behavioral programs.



Julie C. Muraco is CEO and Managing Partner, TBLI Group Holdings B.V. TBLI is focused on building Sustainable & ESG communities through values-based investment. TBLI is a vertically integrated business model providing “education to action to accountability” through TBLI CONFERENCE™, TBLI CONSULTING™ and TBLI FOUNDATION™. The Company works with serial entrepreneurs, family offices, foundations & endowments, asset managers and SMEs dedicated to Sustainability, ESG and/or Impact strategies. In 2008, Muraco founded Praeditis Group LLC, a capital markets and business advisory, and partnered with TBLI in 2015. Prior to Praeditis Group, Muraco was head of Global Capital Markets for The NASDAQ Stock Market. She is Chairman of the Board of Americans for the Arts, Washington, D.C.; and Treasurer, Board of Trustees, of the Robert Sterling Clark Foundation, New York, NY.



Matthew J. Myers is Vice President of EarthxCapital. Myers is an impact platform creator with a wealth of experience designing and driving strategic change within organizations and ecosystems to achieve large-scale, positive impacts on society and the environment. He is Founder and Director of the eCapital Summit, a platform convening private capital, cutting-edge cleantech companies, ecosystem partners and government to form partnerships having substantial, positive impacts on people and the planet. Myers advises the Inslee for America campaign on cleantech investment policy, and for several members of the U.S. House of Representatives on the IMPACT for Energy Act. Previously Myers founded EarthxHack, the world's largest environmental innovation competition, and was a product manager overseeing the development of digital wealth management and e-commerce platforms for China Merchants Bank.



Collin O'Mara joined the National Wildlife Federation as President and CEO in 2014. Under O'Mara's leadership, the National Wildlife Federation is focused on recovering America's wildlife, improving management of and access to public lands, restoring America's water bodies, advancing environmental education (including publishing Ranger Rick magazines), and connecting every American child with the great outdoors. Prior to the National Wildlife Federation, O'Mara led the Delaware Department of Natural Resources and Environmental Control as Cabinet Secretary from 2009 through 2014. In that position, Secretary O'Mara served as the state's top natural resource official, and led the state's efforts to conserve and restore wildlife and fishery habitat, improve air quality and public health, ensure access to clean water, expand outdoor recreation and environmental education opportunities, and enhance the state's resilience to extreme weather and other climate impacts.



Julia Olson founded Our Children's Trust in 2010 and leads Juliana v. the United States, the constitutional climate change case brought by 21 youth against the U.S. government for violating their Fifth Amendment rights to life, liberty, property, and public trust resources. Having received her J.D. from University of California, Hastings College of the Law in 1997 and becoming a mother, she realized the greatest threat to her children and children everywhere was climate change. She focused her work on representing young people and elevating their voices on the issue that will most determine the quality of their lives and the well-being of future generations. Olson and OCT are recipients of the Rose-Walters Prize for Global Environmental Activism. She received the Kerry Rydberg Award for Environmental Activism in 2017 and is a member of Rachel's Network Circle of Advisors.



Charles Orgbon III is a consultant within Deloitte's Risk and Financial Advisory Services, where he specializes in environmental liability and sustainability solutions. Orgbon engages Fortune 500 and public sector clients to improve business processes, maximize revenue, manage costs, address risks, and boost performance while also mitigating social and environmental impacts. Before Deloitte, Orgbon gained a decade of non-profit leadership experience with various environmental, philanthropy and youth volunteerism organizations. Orgbon developed and led Greening Forward from 2008 to 2017, which became and continues to be a leading organization in the United States devoted to training and funding student environmental leaders. His work in the sustainability and non-profit leadership space is validated by over 31 awards, five book mentions, and over 100 speaking engagements since 2010.



David Orr, PhD is the Paul Sears Distinguished Professor of Environmental Studies and Politics, Emeritus and “Counselor to the President” at Oberlin College. He has authored eight books including, *Down to the Wire: Confronting Climate Collapse* and the *Dangerous Years: Climate Change and the Long Emergency*. Orr has authored over 220 articles, reviews, book chapters, and professional publications. He has served as a board member or adviser to ten foundations and is on the board of many organizations including the Rocky Mountain Institute, Bioneers, and the Aldo Leopold Foundation. He is currently a Trustee of the Alliance for Sustainable Colorado, the WorldWatch Institute, and Founder and Chair of the Board of the Oberlin Project. Numerous awards include nine honorary degrees, a Lyndhurst Prize, a National Achievement Award from the National Wildlife Federation, leadership awards from the U.S. Green Building Council and from Second Nature, and a lifetime achievement award from Green Energy Ohio and the North American Association for Environmental Education.



Jerome Osentowski is the Founder and Director of the Central Rocky Mountain Permaculture Institute (CRMPI). He is a certified Senior Permaculturist and author of *The Forest Garden Greenhouse*. By offering workshops, courses, and internships, CRMPI has taught over 3,000 students and interns from around the world to practice Earth Care, People Care, and Fair Share through permaculture design. CRMPI’s annual Permaculture Design Course (PDC) is the longest-running in the world, celebrating its 31st year in 2017. CRMPI also offers tours and field trips to the public, allowing visitors a glimpse into its 25-year-old food forest, near-net-zero tropical greenhouse, Mediterranean greenhouse, three season extension greenhouses, hillside permaculture swales (aka “berm-n-basins”), chickens and rabbits, and edible landscape nursery, all at 7200’ above sea level in the Colorado Rockies.



Rachel Payne is Founder of The Tree Pledge. Payne is a technology executive, entrepreneur and philanthropist, with a focus on opportunities to utilize technology to create a positive impact. In 2005, Payne joined the founding team of Google.org, focusing on Poverty Alleviation and Climate. She created the blueprint for a hybrid corporate philanthropy and investment vehicle. She led International Business Operations in Emerging Markets. Payne accepted Google’s award at Mobile World Congress for “Best Mobile Apps for Economic and Social Development”. She became Principal, Global Strategic Alliances, managing Google’s important strategic partnerships in Media and Entertainment. In 2012, Payne left Google to become the CEO and co-founder of FEM Inc., a mission-driven holding company. In 2015, FEM Inc. launched Prizma, an AI venture. She served on the Board of Directors for BRAC USA, Credo, and KCET / Link. She lectures at U.C. Berkeley on “Emerging Technologies and Social Impact” and is a mentor for Berkeley Blockchain Xcelerator and Techstars.



Aaron William Perry is a nationally-acclaimed author, speaker, business consultant, and sustainability expert. Founder and executive director of the Y on Earth Community, a non-profit social enterprise, Aaron leads Y on Earth Ambassadors in diverse communities to mobilize action and cultivate a cultural ethos of stewardship and sustainability. With a core focus on soil stewardship and biodynamic soil activation as an essential strategy for carbon sequestration, along with other key Sustainable Development Goals (SDGs), the Y on Earth Community empowers Millennials, their parents, grandparents, teachers, and professional colleagues to massively mobilize sustainability throughout society. Aaron’s executive experience in the renewable energy, organic food, and regenerative agriculture spaces forms the foundation of his uniquely integrated and powerfully inspiring Y on Earth Community framework. (More information, including video/podcast episodes and other resources, available at yonearth.org).



Luka Powanga, Ph.D. is a professor at Regis University and a Co-Founder of the annual Energy Africa Conference, which pools high-level government officials, business executives, investors and leading scholars/researchers from Africa and around the world to form mutually beneficial partnerships to support the work needed for Africa to establish an energy infrastructure that is sustainable, accessible and appropriate. Powanga participates in high-level African economic development forums, and consults in international business, energy and investments. He holds a B.S. degree in Metallurgy and Mineral Processing from the University of Zambia, Masters and Ph.D. degrees in Mineral Economics from Colorado School of Mines with a minor in Finance. He also holds a Master’s degree in Computer Information Technology.



Dan Powers is the Executive Director of CO-LABS, a consortium of more than 30 federal research laboratories and university institutes, and their ecosystem in Colorado of technology-oriented companies and economic development organizations. Nurturing an informed evolution of society is his mission. A University of Colorado-Boulder alum, he has 25 years’ experience in policy assessment and public engagement for government agencies and economic development organizations. He’s who Malcolm Gladwell would call a connector: Powers loves to find the “right people” from different professional and civic realms who should be introduced to each other. Since joining CO-LABS in 2016 he’s brought together thousands of people with an interest in scientific discovery and technology commercialization via lab tours, awards events, workshops, conference calls and other relevant gatherings.



John Powers co-founded the **Alliance for Sustainable Colorado** in 2004, a 501(c)(3) nonprofit to develop solutions to the great sustainability challenges through collaboration. The Alliance owns and operates the Alliance Center, a nonprofit center in Denver that has earned four LEED certifications. The two most current are platinum. The Center licenses office and meeting space to over 50 sustainability organizations, predominantly nonprofit with a handful of for-profit businesses. Powers is a board member of Conservation Colorado and the Educational Foundation of America, a past management committee member of the Environmental Grantmakers Association, and the instigator of the Colorado funders' Environmental Affinity Group.



Sally Ranney is Co-Founder and President of the **American Renewable Energy Institute (AREI)** and **AREDAY Summit**, President and Co-Founder of **Global Choices**, and serves on the Board of Directors of the National Wildlife Federation, the Aspen Brain Institute, and the Climate Accountability Institute. She is CEO of Stillwater Preservation LLC, a wetlands mitigation banking company and Senior Advisor to the One Humanity Institute and the Women's Earth and Climate Action Network (WECAN). With forty years of experience in land, water, energy, biodiversity, and climate change, Ranney has worked with three U.S. Presidents, including an appointment by President Reagan to his Commission on American Outdoors. She is the recipient of numerous awards, including the Horace Albright Award, the International Conservation Award, Earth Guardians' Earth Stewardship Award, and the Children's Environmental Literacy Foundation (CELF) Lifetime Achievement Award.



Inge Relph is Executive Director and Co-Founder of **GlobalChoices.org**, to highlight the need for global responses to protect the Global Commons. She is known for her strategic insight and policy innovation around global systems change to achieve the Environmental and Social Development Goals. She was Senior Policy Advisor to 'The Elders', a group that included President Carter, Mary Robinson, Kofi Annan and Gro Brundtland, during the landmark SDG and COP21 negotiations. With a corporate background, she led the sustainability practice of a Swiss Fintech, is a Board member of the Responsible Finance and Investment Foundation and a member of the G20 Sustainable Finance Innovation Inquiry. She views women as key to global economic growth and stability, co-founding numerous organizations in the UK and internationally focused on women. Working during the conflicts in Egypt, Iraq, Libya, Syria and Somalia confirmed her belief in the best for the poorest.



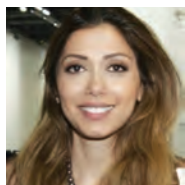
Wiley Rhodes is Founder of **One Step In Foundation (1Si)** and CEO of the **Newpoint Companies**. Rhodes has over three decades of experience in natural gas and hydrocarbon development. Since 2015, he has focused on methane and hydrocarbon emissions, including starting OneStepIn to address the needless waste of flare gas. He has established a dialog between industry innovators and the environmental and regulatory community to reduce and eliminate the ecological impact of producing, transporting, and utilizing oil and gas. Recent publications include "Every Last Drop" on monetizing flare gas, and "Reducing Energy Poverty by Eliminating Gas Flares." His experience also includes the design, construction, operations of cryogenic gas processing facilities and the extraction of contaminants in natural gas such as CO₂, Arsenic, Oxygen, and H₂S. A forward-thinking entrepreneur in the health foods industry, he started Organic Squeeze, a premier juice and smoothie bar in Oklahoma.



Henk Rogers is one of the world's leading advocates and activists for reducing and eventually eliminating humankind's dependence on fossil fuel. He is the founder, and chairman of the board at **Blue Planet Foundation**, whose efforts helped pave the way for Hawaii to enact a policy that calls for electric utilities throughout the state to rely on 100% renewable energy by 2045. The first policy of its kind in the nation. He is the founder and CEO of **Blue Planet Energy**, a leading provider of energy storage systems that power homes, businesses and utility grids, and the founder of **Blue Planet Research**, **International MoonBase Alliance** and **Blue Planet Software**. His newest initiative, **Blue Planet Alliance**, takes a "mandate first" approach to initiate global climate change action. The Alliance aims to create measurable and scalable results among individuals, organizations, cities, states, countries, and eventually, the world.



Frank Rukavina is President and Senior Advisor at **Sustainable Innovations Operative LLC**, an environmental consulting firm serving Fortune 500 companies, government and private businesses. He served as the Sustainability Director at the Department of Energy's (DOE) National Renewable Energy Laboratory (NREL) for 8 years. He led initiatives to drive NREL toward a net-zero energy and near-zero waste campus constructing a LEED gold and six LEED platinum buildings, the world's largest net-zero energy building and increasing on-site renewable electricity from 7% to 33% of campus demand. Rukavina collaborated throughout federal, state and local government, universities and commercial industry and provided direct support to the DOE Headquarters Sustainability Performance Office to advance sustainable operations of other DOE facilities. He previously served 4 years as NREL's Director of Environment, Health, Safety and Quality.



Hanieh Sadat is a Managing Partner at **GenesysOne Capital**, a hedge fund that invests in digital Assets. She is a former VP of Morgan Stanley, Private Wealth Management. She has been trading traditional assets and managing portfolios for select group of family offices and institutions since 2006. She was a VP at an energy private equity firm based in Asia in 2017. She is the founder of ImpactX – a token generation event advisory firm for impact projects and securing TGE (token generation event) deals for international investors in the past year. She is a treasurer at American Renewable Energy Institute in Aspen.



Dr. Anita Sanchez, Azteca and Mexican-American, is a board member of the **Pachamama Alliance** and Bioneers organizations. Sanchez inspires people to discover and trust their gifts so that they become a life-giving connection to people and to the earth. She has trained thousands of leaders in global corporations and non-profits. Using indigenous wisdom and modern science, Anita guides leaders in creating caring and inclusive workplaces and communities. TedX presenter of Humanity's Hope, Sanchez is an author of four books including #1 international best-selling *Success University for Women in Business*, and *The Four Sacred Gifts*, Simon & Schuster. She leads an annual journey into the Amazon rainforest for the Pachamama Alliance, www.pachamama.org, to inspire people to create an environmentally sustainable, spiritually fulfilling and just presence on our planet.



Lori Schell, President and Founder of **Empowered Energy**, provides independent economic analyses and modeling of renewable energy, natural gas, power, and emissions technologies and their inter-related markets. Schell is a certified Energy Risk Professional and a Senior Fellow and Past President of the U.S. Association for Energy Economics. As Director of Energy Risk Management at Trigen Energy, Schell directed commodity hedging for combined heat and power systems and served on the Board of the Independent Power Producers of New York. She provided testimony at the Federal Energy Regulatory Commission as Manager of Regulatory Affairs and Market Analysis for Air Products. Schell performed due diligence for project-financed qualifying facilities and worked at the U.S. Department of Energy and Los Alamos National Lab. She holds a Ph.D. in Mineral Economics and Operations Research from Penn State.



Eric Schmidt is Executive Director of **Wildlife Protection solutions**. Schmidt combines a deep understanding of technology and wildlife to approach conservation issues. With a Master's degree in conservation biology, Schmidt has worked with the US National Renewable Energy Lab and various government entities focusing primarily on grassland flora and fauna, as well as large mammal wildlife

management. Having had a taste of conservation from the perspective of public institutions, Schmidt shifted gears and entered the world of tech startups, eventually leading large scale enterprise software deployments to Fortune 500 clients including Verizon, American Airlines, Ernst & Young, Deloitte, Hershey's, Kaiser Permanente, Boeing, Intel, and more. Today he is back to applying those same skills to conservation by leading Wildlife Protection Solutions, an international NGO focused on protecting endangered species and ecosystems through the practical application of technology.



Andrew Scott is the Founder and Executive Director of the **Open Mind Project**, a non-profit corporation that promotes critical thinking and compassionate dialogue between people of all faiths and perspectives. This spiritual diplomacy includes a reach of over a million followers on social media. OMP examines the personal environmental consequences of religious beliefs and culturally embedded narratives and works with religious leaders and lay-people to promote contextual understanding of faith and religious narratives and encourages peaceful and compassionate engagement. Scott specializes in the psychology and sociology of Religion. He received his Master of Divinity at the Pacific School of Religion at the Graduate Theological Union in Berkeley, CA. His studies include International affairs, Christian Theology, Islamic Philosophy and History, Buddhist meditation, theory and history, anthropology, and the psychology of religion.



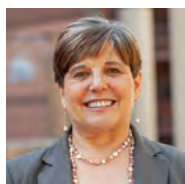
Daniel A. Shaw is a journalist and musician based in Woody Creek, CO, and is president of the Catto Shaw Foundation. For years he hosted a weekly show called Check 1,2 on Aspen Public Radio and currently is writing a biography of the late musician Billy Preston. He's written for dozens of publications, including the *The New York Times*, *The Washington Post* and the *Los Angeles Times*. He was the Washington bureau chief for the *Daily Journal* newspapers, reviewed music in L.A. for *Daily Variety* and spent several years writing about the commercial fishing industry. He also served as press secretary for the Navajo Nation. A graduate of Harvard University, he serves on the board of the Aspen Center for Environmental Studies and co-chairs the Leadership Council of Conservation International.



Christian Shearer is the CEO of the innovative ecological contracting platform, **Regen Network**. He has been working in ecological agriculture for 15 years, primarily with farmers in Southeast Asia. As a Co-Founder of Terra Genesis International, he spent five years working with natural products brands, helping them to invest into their supply systems toward regenerative practices. Shearer is pouring his life into Regen Network because the tools being built will accelerate the adoption of regenerative agriculture.



Kunal Sood is Founder and Chairman of **Novus Summit, Inc.**, that brings technology and humanity together to create actionable change. Most recently he partnered with the Executive Office of the Secretary General and President of the UN General Assembly to produce the first-ever SDG Innovation Event during the UN General Assembly. Sood has a lifelong love for learning having earned his MBA from Kellogg at Northwestern and holds a Master's in Positive Psychology from the University of Pennsylvania. He is also a graduate of Singularity University's Global Solutions Program headquartered at the NASA Ames Campus in Silicon Valley. Sood serves an advisor and on the Advisory Boards of many distinguished ventures such as EDCast, SDG Action Campaign and Women's Entrepreneurship Day.



Ellen B. Stechel is Co-Director, **ASU LightWorks**; Professor of Practice, School of Molecular Sciences; and Senior Sustainability Scientist, Julie Ann Wrigley Global Institute of Sustainability at Arizona State University (ASU). Her career has afforded her opportunities to build and/or coordinate research programs at a national laboratory, industry, a U.S. government agency, and now in higher education at ASU. Her work is in both basic and applied research; policy and commercialization of emerging technologies; and in multi-disciplinary R&D strategy and management. She has held and holds numerous positions of an advisory or editorial capacity nationally and internationally and has published >100 peer reviewed articles. Her current research focuses on materials and systems design for concentrating solar technologies to produce sustainable liquid hydrocarbons from carbon dioxide, advanced water splitting, thermochemical energy storage, and clean water.



Dr. Bruce Stein is Chief Scientist and Associate Vice President with the **National Wildlife Federation**. Stein is a biologist with expertise in biodiversity conservation and climate change. With more than 40 years of experience linking science and conservation, Stein has been a leader in the emerging field of climate change adaptation and led development of the widely used "climate-smart conservation" approach to adaptation planning. He has advised numerous U.S. federal agencies on biodiversity and climate change issues, including the National Park Service, U.S. Fish and Wildlife Service, and Department of Defense. Stein is also an authority on species imperilment and extinction in the United States and globally, and is a member of the IUCN Species Survival Commission. Among his many publications is the award-winning book "Precious Heritage: The Status of Biodiversity in the United States".



Tom Steyer is a billionaire hedge fund manager, philanthropist, environmentalist, liberal activist, and fundraiser. He is a candidate in the 2020 Democratic Party presidential primaries. In 2012 Steyer stepped down as head of his investment firm to dedicate all his time to philanthropy and political action focused on making America more just by putting the people, not the corporations, in charge of our democracy. In 2013, he founded NextGen America, a nonprofit group that combats climate change, promotes social justice and increases participation in our democracy through voter registration and grassroots organizing. In 2017, Steyer became the first major Democrat to rally millions of Americans with a public call to impeach Donald Trump. He and his wife, Kat, have devoted hours of their time and donated tens of millions of dollars to charitable projects that advance education, renewable energy, clean air and water, healthy food, sustainable agriculture, self-sustaining communities and more.



Per Espen Stoknes is a psychologist with PhD in economics, is a TED Global speaker, and serves as the director of Centre for Green Growth at the Norwegian Business School. An experienced foresight facilitator and academic, he's also serial entrepreneur, including co-founding clean-tech company GasPlas. Author of several books, among them *Learning from the Future* (2004, in Norwegian) *Money & Soul* (2009) and the "Outstanding Academic Title of 2015" award winning book: *What We Think About When We Try Not To Think About Global Warming* (2015). Per Espen has served as member of Norwegian Parliament.



Harry B. Teague is President and Principal Designer of **Harry Teague Architects**. Teague's work is distinguished by freshness of design approach, inventive planning strategies, and attention to the craft of construction. His diverse practice includes architectural design, site planning, industrial design, and community facilitation. An experienced builder, Teague has reinvented Colorado vernacular architecture and transformed it by his skilled and thoughtful introduction of contemporary materials and building technologies. A pioneer in holistic green design, he has introduced many practical green design strategies that common best building practices today.

*"We do not inherit the earth from our ancestors. We borrow it from our children."
– Native American Proverb*



CAPT Robin Tyner, USN (Ret) is a **Partner at Sonalysts**, and also serves as a **Senior Fellow with DEPLOY/US**, on the **Board of Conservatives for Responsible Stewardship**, and the Oceans 2022 Steering Committee. She has extensive experience leading diverse teams in global air, land and sea operations, and in strategic organizational management. She managed a \$305M science and technology research portfolio, and facilitated creation of Navy Task Forces Climate Change and Energy. She has a lifetime commitment to environmental stewardship and clean energy. She holds a BS in Physics from the US Naval Academy, an MBA from Southern NH University, a dual MS in Oceanography and Meteorology from the Navy Post-Graduate School, and completed the Harvard Kennedy School Programs: Climate Change and Energy Policymaking, and Moral Leadership.



Thomas Van Dyck is **Managing Director and Financial Advisor at SRI Wealth Management Group and RBC Wealth Management**. He has been a leader in the field of socially-responsible investing for more than 30 years. At RBC Wealth Management, he consults on \$2.6 billion of ESG-screened assets. In 1992, he founded As You Sow, a shareholder advocacy organization, which engages corporations on environmental, human/labor rights and corporate social responsibility initiatives.* In 2014, Van Dyck was a featured guest on Bill Moyers and Company and discussed the Divest/Invest movement which he helped initiate with his clients. In 2013 and 2019, he was named one of the Financial Times' Top 400 Financial Advisors. He was also a featured speaker at the TedX Wall Street conference in 2012 and provided his expertise on ESG investing. *RBC Wealth Management does not endorse or support As You Sow.

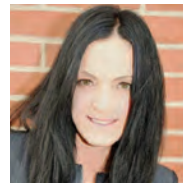


Heidi VanGenderen is the **University of Colorado Boulder's first Chief Sustainability Officer**. Previously she served as the Director of Public Engagement at the U.S. Department of Energy as an appointee of President Barack Obama. Prior to that VanGenderen was Director of National Outreach for the American Council on Renewable Energy (ACORE) and Senior Energy Advisor for the Worldwatch Institute. VanGenderen also served as Colorado's first gubernatorial climate advisor for Governor Bill Ritter. She staffed the Wirth Chair in Sustainability at CU Denver and served as Deputy Director of the Presidential Climate Action Project. She is an alumnae of Carleton College.



Eden Vardy is the **Founder and Executive Director of The Farm Collaborative**, a nonprofit that connects children and the community to nature through farming and food, and solves global climate challenges through local food production. Passionate about leaving the world better for future generations, Vardy is dedicated to drawing down carbon, through agriculture. The Farm Collaborative is in the process of building their flagship thought leadership campus and learning center

around regenerative agriculture. Recently appointed by Governor Jared Polis as commissioner (representing agriculture) to Colorado Parks and Wildlife, he is also CEO of the 2 Forks Club, a venture philanthropy nonprofit that makes 0% interest loans to burgeoning community farmers and local food entrepreneurs. Vardy is VP of the board of Compass for Lifelong Learning, and is an adjunct faculty for regenerative agriculture at the Colorado Mountain College.



Tracy Vasaturo is a well-known **community educator, organizer, and leader** respected for both her professional and community work. Originally a physical therapy professional, Vasaturo sought to further develop her therapeutic skills, and thus, quickly evolved into the Creation and Management of Sustainable Events and Festivals i.e co-founding the Envision Festival in Costa Rica and co-producing Earthday SF. For the past 20 years, Vasaturo has been working in high tech business development to support her interest in emerging technologies and industries, which leads to her broad client list on a local and international level. Her current work will provide a platform to raise awareness and resources for women's health and well being which ultimately builds healthier communities.



Captain Paul Watson is a **marine wildlife conservation and environmental activist**. Watson was one of the founding members and directors of Greenpeace. In 1977 he founded the Sea Shepherd Conservation Society. A renowned speaker, accomplished author, master mariner, and lifelong environmentalist, Watson has been awarded many honors for his dedication to the oceans and to the planet. He received the Genesis Award for Lifetime Achievement in 1998, was named as one of the Top 20 Environmental Heroes of the 20th Century by *Time Magazine* in 2000 and was inducted into the U.S. Animal Rights Hall of Fame in Washington D.C. in 2002. He was also awarded the Amazon Peace Prize by the president of Ecuador in 2007. In 2012, Watson was awarded the Jules Verne Award, dedicated to environmentalists and adventurers.



Eli Weiss, **Photographer, Philanthropist and Wildlife Conservationist** lives in Woody Creek, CO. WildiZe Foundation® was founded in 2000 to promote Education, Security and Environmental Ethics in Conservation. WildiZe® is dedicated to the conservation of wildlife, habitats, and indigenous cultures of Africa. Establishing direct relationships between people and projects, supporting conservation efforts, educational programs, and sustainable indigenous economies. With three decades of experience, Weiss has worked with experts and leaders in the field, administering over \$3 million of public and private grant funding across multi-varied programs: from species specialists, wildlife security to marginalized community groups, giving her a well-rounded depth of knowledge critical to raising awareness of the various issues toward implementing solid solutions based on science, the environment and culture.



Brianne West is the Founder and CEO of **Ethique**, the world's first (and only) zero waste full range cosmetics company. Ethique manufactures solid beauty bars providing waste free alternatives to traditional liquid products, such as shampoo, body lotions and much more. She started her first company at age 19 and has since successfully launched and sold two others. She is now entirely focused on Ethique and ridding the world of plastic waste associated with the cosmetics industry. Ethique was launched in 2012 while West was completing her BSc degree in biology through the University of Canterbury. West is passionate about creating a sustainable future and as such Ethique is committed to ethical and sustainable practices and is a certified B-Corp.



Bud Wilson is the Founder and Guide of **Deep Nature Journeys**. Wilson has 40 years of experience as a social and environmental entrepreneur, leadership trainer, educator, business, nonprofit and community leader. After graduating from Harvard University with an interdisciplinary degree, he spent 10 years as Director of Conferences for Snowmass Village, in the Colorado Rocky Mountains. He supported programs and presentations by Margaret Mead, R. Buckminster Fuller, Jean Houston, George Leonard, Swami Muktananda and Chogyam Trungpa Rinpoche among many others. Additionally, he was a co-designer of John Denver's Windstar Foundation Choices for the Future Symposia. In addition to running Deep Nature Journeys, he is a volunteer facilitator for The Pachamama Alliance, and Awakening the Dreamer events, whose mission is to bring forth a socially just, environmentally sustainable, spiritually fulfilling human presence on earth.



Timothy E. Wirth is the Vice Chair of the **United Nations Foundation** and the Better World Fund, made possible by Ted Turner to strengthen the work of the United Nations. Wirth began his career as a White House Fellow under President Johnson and as Deputy Assistant Secretary for Education in the Nixon Administration. Wirth ran for the U.S. House of Representatives in Colorado in 1974 and served from 1975-1987. Wirth was elected to the U.S. Senate in 1986 and focused on environmental issues, particularly global climate change, and population stabilization. He was a scholarship student and graduate of Harvard College and received his Ph.D. from Stanford University. A member of the American Academy of Arts and Sciences, Wirth was recently honored as a "Champion of the Earth" by the United Nations Environment Program.



Rex Wong is a serial entrepreneur with over 25 years of experience in the Internet, technology, media and software industries. Wong is currently the CEO and Co-Founder of **Fliqs Media**, an intelligent audience amplification and monetization platform and network for media companies, celebrities, influencers and brands, and Chairman and Co-Founder of **iVideoSmart**,

the leading OTT online video platform in Asia with 100+ million active users. Previously, Wong was the CEO of **uCast**, CEO and Co-Founder of **8sian Media** (acquired 2017), CEO of **DAVE.TV** (acquired 2008), and Founding Investor of **Applied Semantics** (acquired by Google, 2003) that developed **AdSense**. CEO and Co-Founder of **Einix** (acquired 2003), and **Envision Computers** (acquired 1998). Wong has founded and run multiple startups and achieved numerous successful exits creating shareholder value in excess of a billion dollars.



Douglas Woodring is Founder and Managing Director of **Ocean Recovery Alliance**, a non-profit organization focusing on bringing together innovative solutions, technology, and policy to create positive improvements for the health of the ocean.

Two of its global programs launched at the Clinton Global Initiative in 2010, including the Global Alert platform for reporting trash hotspots around the world, and the Plastic Disclosure Project (PDP). Awarded the 2018 Prince's Prize for Innovative Philanthropy by Prince Albert of Monaco, he is a United Nations Environment (UNEP) Climate Hero, and Google Earth Hero. He has been on the advisory board XPrize, and The Economist's World Oceans Summit. He co-authored the UNEP Yearbook chapter on the danger of plastic in the ocean. Ocean Recovery Alliance is one of the first NGOs in the world to be working with both UNEP and the World Bank on plastic pollution and ocean issues. He is Founder of the Plasticity Forum, and is on the Advisory Committee of Wharton's Institute for Global Environmental Leadership.



Colonel Chris Wyatt is a U.S. Army Military Intelligence Officer and Foreign Area Officer for Sub-Saharan Africa and the current Director of African Studies at the U.S. Army War College in Carlisle, Pennsylvania. He was previously the Senior Military Advisor to the U.S. Mission to the African Union (USAU). Colonel Wyatt has extensive experience across Europe with three tours in Germany, a tour in Italy, the Balkans, the Levant, Southwest Asia and further service in Africa with assignments in Tunisia, Liberia, Botswana, Malawi, Niger, Mauritania, Uganda and Ethiopia. His duties included Senior Defense Representative and Security Assistance Officer and Attaché assignments. Wyatt is a published author, with extensive experience in defense and security, strategic, tactical and operations intelligence as well as signals and counterintelligence, security sector reform, peacekeeping, international development, energy, the health sector (HIV/AIDS, Ebola), defense acquisition, diplomacy, program management.



Michelle Wyman is Executive Director at the **National Council for Science and the Environment** with a mission to improve the scientific basis of environmental policy and decision-making. She previously served as the Director of Intergovernmental Affairs at the U.S. Department of Energy (DOE). Wyman's extensive experience prior to joining the Department of Energy includes founding Applied Solutions- Local Governments Building a Clean Economy, and leading ICLEI USA, both of which are nonprofits engaging directly with cities, counties, and states on clean energy, environmental, and sustainability issues. Wyman has served in a wide variety of leadership capacities including work with the World Bank, United Nations, and other multilateral institutions. Wyman has served as the Natural Resources Director for the City of Fort Collins, Colorado, and established a public sector practice focused on the environment and sustainable development working with states, local governments, and related national nonprofits, based in Washington DC.



Merlin Yockstick is Founder of **Regen Iowa and Blue Planet Science Group (BPSG)**. Yockstick is working in collaboration with US and global organizations to design the future of Socio-Eco-Polity Development. He heads up two divisions within BPSG - RegenIOWA, and RegenAMERICA. Leading with 7 Securities and the US RDGs (Regenerative Development Goals), he has created a fundamental and systemic approach to accelerate the achievement of the 17 UN SDGs. Utilizing a bottom-up/top-down strategy, BPSG's mission is to build a healthy, resilient world, by building SuperSmart, Data-Driven Communities. He is an activist in transforming America's health care system and sits on the Iowa Healthiest State Initiative and its Committee for Community Health Improvement. BPSG's focus is on the fundamentals of Water, Soil/Food/Agriculture, Education and Health.



Edward Zaelke is the head of **McDermott, Will & Emery's Global Energy Project Finance group**. He focuses his practice on project finance and private equity in renewable energy transactional matters. With more than 30 years of experience, he advises clients on all elements of alternative energy development and finance, including equity and debt financing, merger and acquisition transactions, equipment purchase and sale agreements, power purchase agreements, siting and other real property issues, governmental approvals, and engineering, procurement and construction (EPC) contracts. A prominent leader in his practice, Zaelke has served as lead counsel on many of the largest and most significant transactions in the renewable industry. He also authors and speaks prolifically about various topics in the renewable energy industry. Zaelke is the former president of the American Wind Energy Association (AWEA) and was a board member of AWEA for 12 consecutive years. He is also a founding board member of the Wind Solar Alliance.

AREDAY 2019 AWARDS

Innovation Leadership Award
Andrew Horvath

Lifetime Achievement Award
Captain Paul Watson

Gen Z Climate Leadership Award
Xiuhtezcatl Martinez

Gen Z Climate Leadership Award
Xiye Batista

Best IMPACTFILM Award
Slater Jewell-Kemker

Visionary Leadership Award
Thomas Van Dyke

Visionary Leadership Award
Ellen Dorsey

Social Good Leadership Award
Julia Olson

American West Sustainable Leadership Award
John Powers

Earth Legacy Leadership Award
Trammell S. Crow

Earth Legacy Leadership Award
Spike Buckley

Land Steward Leadership Award
John McBride

*"Few men are willing to brave
the disapproval of their fellows,
the censure of their colleagues,
the wrath of their society.
Moral courage is a rarer commodity
than bravery in battle or great intelligence.
Yet it is the one essential, vital quality
for those who seek to change a world
which yields most painfully to change."
— Robert F. Kennedy*

THE POLITICS OF CHANGE: CREATING THE NEW HYDROGEN-CARBON ECONOMY



Accelerating the transition to a sustainable energy future. As the exclusive global operator bringing the breakthrough technologies of Star Scientific Limited to world markets, our mission is to help businesses and governments transition to a new energy economy.

planetpowersystems.com



We are an international, nonprofit environmental forum whose purpose is to educate and inspire people to action towards a more sustainable future.

We assemble and connect citizens, educators, students, businesses, nonprofits, and global leaders to explore sustainable solutions for today's most pressing challenges.

earthx.org



We're a community organization that's changing the conversation about clean energy. By creating sustainable models in Hawaii, we're fueling the global transformation from fossil fuels to renewable solutions.

blueplanetfoundation.org



Enduring solutions for a better world

sustainability.asu.edu



Using Light to Solve Societal Challenges

lightworks.asu.edu

AREDAY NOTES

"Even if you never have the chance to see or touch the ocean, the ocean touches you with every breath you take, every drop of water you drink, every bite you consume. Everyone everywhere is inextricably connected to and utterly dependent upon the existence of the sea."

— Sylvia Earle

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Star Scientific Foundation

THE POLITICS OF CHANGE: CREATING THE NEW HYDROGEN-CARBON ECONOMY

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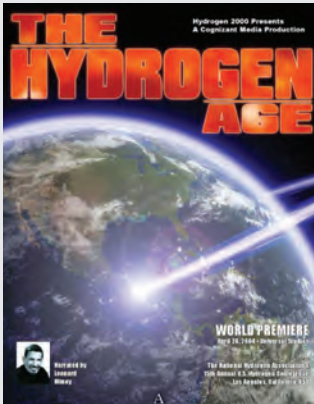
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IMPACT FILM 2019

SOLUTION-ORIENTED ACTION BASED FILMS



THE HYDROGEN AGE

An in-depth examination of the alternative energy resource - hydrogen. Narrated by Leonard Nimoy.

Directors:
Marc Griffith
Geoffrey B. Holland



BETTER ANGELS

This film explores how the world's two largest superpowers are racing towards economic and political conflict, yet find themselves undeniably linked and by the new reality of global economic rivalries and cultural ties.

Director: Malcolm Clarke



PARIS TO PITTSBURGH

This film brings to life the impassioned efforts of individuals who are battling the most severe threats of climate change in their own backyards.

Directors:
Sidney Beaumont
Michael Bonfiglio



POINT OF NO RETURN

Go behind the headlines of the first solar-powered flight around the world—where two pilots take turns battling nature, their own crew, and sometimes logic itself, to achieve the impossible.

Directors:
Noel Dockstader
Quinn Kanaly



We RiseUP

We live in a world of outrageous pain. We are challenged by extinction level problems. We also live in a world of outrageous beauty. We stand at the tipping point of a new future.

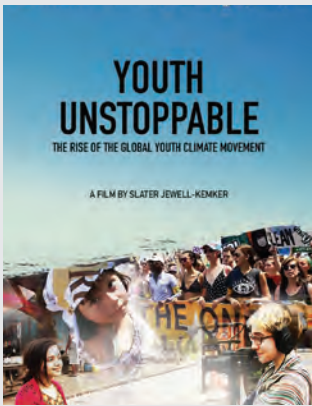
Director: Michael Shaun Conaway



WATSON

Co-founder of Greenpeace and founder of Sea Shepherd, Captain Paul Watson has spent 40 years fighting to end the destruction of the ocean's wildlife and its habitat.

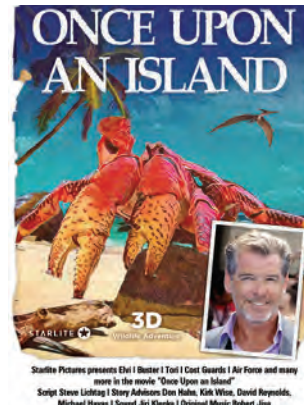
Director: Lesley Chilcott



YOUTH UNSTOPPABLE

Capturing the vibrant untold story of the global youth climate movement through interviews with young, passionate activists. Filmed over ten years from all over the world.

Director: Slater Jewell-Kemker



ONCE UPON AN ISLAND

Impressive family film offers a unique stories of the wonderful animals who inhabit the Aldabra atoll, were born here, create communities, give birth to young and struggle for their survival.

Director: Steve Lichtag



THE LAST ANIMALS

In this sweeping and sobering expose, conflict photographer Kate Brooks turns her lens from the war zones she is used to covering to a new kind of genocide – the killing of African elephants and rhinos.

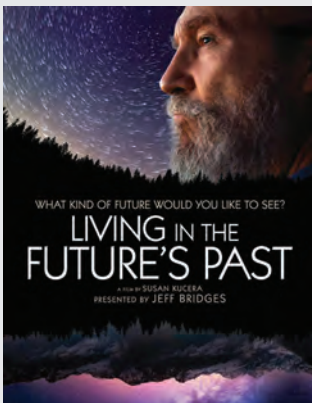
Director: Kate Brooks



WORLD AT WAR

A fifteen-year old fisherman joins legendary conservationist Dr. Sylvia Earle on a global quest to make peace with nature and save a dying ocean.

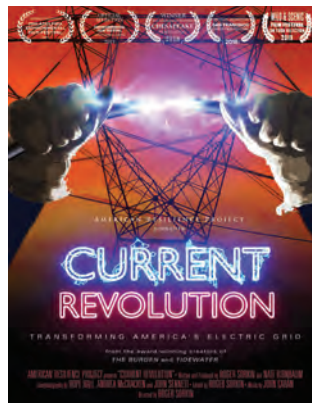
Director: Robert Nixon



LIVING IN THE FUTURE'S PAST

What kind of future to we want to live in? Jeff Bridges presents this beautifully photographed 4K tour de force of original thinking on who we are and the life challenges we face.

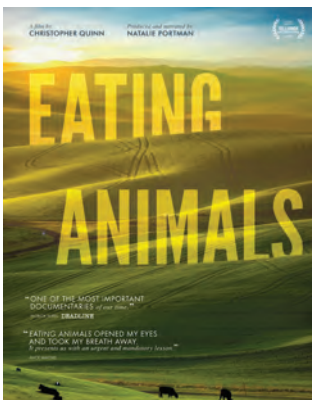
Director: Susan Kucera



CURRENT REVOLUTION

An original film series and engagement campaign designed to transform America's electric grid.

Director: Roger Sorkin



EATING ANIMALS

An examination of our dietary choices and the food we put in our bodies. Based on Jonathan Safran Foer's memoir.

Director: Christopher Dillon Quinn



SONIC SEA

Sonic Sea is a 60-minute documentary about the devastating impact of industrial and military ocean noise on whales and other marine life.

Directors: Michelle Dougherty
Daniel Hinerfeld

ARE DAY NOTES

"Each time a man stands up for an ideal, or acts to improve the lot of others, or strikes out against injustice, he sends forth a tiny ripple of hope, and crossing each other from a million different centers of energy and daring those ripples build a current which can sweep down the mightiest walls of oppression and resistance."

— Robert F. Kennedy

Global Security, Conservation Capitalism & Regeneration: Whole Systems Solutions to Climate Change



GREEN GUARDIAN



RENEWABLE CHAMPION



ECO STEWARD



CLIMATE DEFENDER

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E.W. Stetson III
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EARTH ALLY



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