



Presents the 13th Annual AREDAY Summit

AREDAY

American Renewable Energy DayTM

IMPACT FILM – June 19, 2016

AREDAY Summit – June 20-24, 2016

Viceroy Snowmass



From Paris to the Polls: Implementing Low Carbon Economies



"The success of Paris brought a challenge to us all: How to transform the energy foundation of our economies and thus achieve a low-carbon future. Nations, cities and communities in different parts of the world have in recent years demonstrated that this can be done. At the AREDAY Summit we will discuss and celebrate these clean energy achievements; show that they benefit both business and the environment."

– Ólafur Ragnar Grímsson, President of Iceland



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.

From Paris to the Polls: Implementing Low Carbon Economies

A Time to Choose

WELCOME TO THE 13TH ANNUAL AREDAY SUMMIT AND IMPACT FILM.

This year presents a time of choices. Do we continue down the path of fossil fuel destruction of the world's climate and life support systems, or do we embrace the future with renewable energy, clean technology and innovation that can transform our world? The United States, the country with the largest economy and carbon footprint in the world, will choose a new President in 2016. Do we choose one who can lead America and the world through the Great Transition into a Sustainable Future or a President who maintains the status quo of a world-wide economy based on the extraction and burning of fossil fuels and the consequential catastrophic collapse of the biosphere?

"From Paris to the Polls: Implementing Low Carbon Economies," is the theme of AREDAY 2016. This year's Summit spotlights the UNFCCC COP21 Paris Agreement of December 2015 and navigation of the post-Paris landscape for traction and action. The Paris Agreement is the first time in history that 195 countries have come together after two decades of agonizing negotiations, agreeing that Climate Change is of great urgency and is human induced. Additionally, all countries voluntarily agreed to reduce carbon emissions to keep global temperature rise to no more than 2 degrees C with an "ambitious agenda" for no more than 1.5 degrees C in order to mitigate sea level rise and attempt to return atmospheric CO₂ concentration to pre-industrial levels. The pressure is on. Innovation, creative policies, capacity building, systems of transportation, the built environment, and energy production all need reinvention and implementation at speed and massive scale.

This year we welcome President Ólafur Ragnar Grímsson of Iceland, a country that operates on 100% renewable energy and is witnessing first hand the ravages of runaway climate change in the Arctic Circle. The AREDAY Summit brings the best thinkers and practitioners of multi-sectors together into dynamic and results-driven discussions, and is placing women's leadership on the front lines of an election year. Startup Green, our innovation accelerator hosts new clean technologies building the bridge needed to grow the low carbon economy. IMPACT FILM focuses solutions and a blueprint on implementation strategies.

Mother Earth is at a crossroads. Nature has been giving us warnings for decades, and she is not constrained by political ideologies, national boundaries, race, color or culture. Unmitigated climate change, coupled with an expanding human population of 7.5 billion projected to reach 10 billion by mid-century, and one of the most critical leadership elections on the planet looming before us, 2016 has become a tipping point in the history of the human race and for all life on earth.

We must ask the question — do we continue the trajectory of racing toward the 6th great extinction which is unprecedented in 65 million years, or do we embrace a future based on the shifting of consciousness in mass to a higher level of attention, awareness and understanding of the impact our presence has in the web of life and the balance of the biosphere that enables all life to continue?

This has become our choice and it's *time to choose*.

For the Future,



Chip Comins
Founder & Chairman, AREI



Sally A. Ranney
Co-Founder & President, AREI





IMPACT FILM 2016

SOLUTION-ORIENTED ACTION BASED FILMS

Sunday, June 19th • 10am-10pm

Base Village Conference Center, Snowmass Village

IMPACT FILM Pass \$35 • Single Film \$10

Festival Passes on sale at The Wheeler Opera House
For more info visit: www.areday.net/impact-film

IMPACT FILM Hosted by

Michael Cain, M3 Films

Greg Reitman, Blue Water Entertainment

*Q&A with Directors and Producers following the films

RACING EXTINCTION | 10:00AM

Director: Louie Psihogios (1 hr 34 min)

Utilizing state-of-the-art equipment, Oscar®-winner Louie Psihogios (*The Cove*) assembles a team of artists and activists intent on showing the world never-before-seen images that expose issues of endangered species and mass extinction. Drawing attention to mankind's role in a potential loss of at least half of the world's species.

YOUNG VOICES FOR THE PLANET | 12:00PM

Director: Lynne Cherry (5 min shorts)

Join us for SAVE TOMORROW, PLANT FOR THE PLANET and DREAMING IN GREEN. The mission of the Young Voices for the Planet film series is to limit the magnitude of climate change and its impacts by empowering children and youth, through uplifting and inspiring success stories, to take an essential role in informing their communities.

BREATH OF LIFE | 12:30PM

Director: Susan Kucera (1 hr 23 min)

BREATH OF LIFE travels the globe in search of the truth behind what appears to be a looming environmental catastrophe. Everyone is telling us how we are destroying our world. BREATH OF LIFE is the only film that shows us why.

WILDWAYS: CORRIDORS OF LIFE | 2:30PM

Director: James Brundige (56 min)

Wildways follows scientists and conservationists, from Yellowstone to the Serengeti, who are trying some innovative solutions to make room for wildlife — tracking them and trying to cut new paths that could help them thrive again.

WRITTEN ON WATER | 4:00PM

Director: Merri Lisa Trigilio (58 min)

Against the immense, harsh landscape of the High Plains, innovators in places like Olton, Texas fight to keep their towns alive against the decline of the life-giving Ogallala Aquifer.

HOW TO LET GO OF THE WORLD | 5:30PM

AND LOVE ALL THE THINGS CLIMATE CAN'T CHANGE

Director: Josh Fox (2 hrs 5 min)

Documentarian Josh Fox ("Gasland") travels the globe to meet with global climate change "warriors" who are committed to reversing the tide of global warming. The film examines the intricately woven forces that threaten the stability of the planet.

STOP THE BURNING | 8:00PM

Director: Jeff Horowitz (8 min - short)

Narrated by Dr. Jane Goodall, the goal of this project was to craft a collective narrative from interviews of global leaders - all making the case that deforestation must stop immediately if we are to protect our planet from climate change.

WE THE PEOPLE 2.0 | 8:30PM

Director: Leila Conners (1 hr 30 min)

American citizens who are normally marginalized, forgotten and left to fend against toxic dumps and other violations, come to understand that the only way to survive is to frontally challenge the oligarchy that has destroyed democracy in the United States.

ALSO SHOWING THROUGHOUT AREDAY SUMMIT:

DEAR PRESIDENT OBAMA | MONDAY, JUNE 20TH

Viceroy Hotel, Snowmass, Grand Ballroom 8:00pm – Director: Jon Bowermaster

HE NAMED ME MALALA | TUESDAY, JUNE 21ST

Viceroy Hotel, Snowmass, Grand Ballroom 8:00pm – Director: Davis Guggenheim

AMERICAN EPIC | WEDNESDAY, JUNE 22ND

Viceroy Hotel, Snowmass, Grand Ballroom 8:30pm – Director: Bernard MacMahon

TIME TO CHOOSE | FRIDAY, JUNE 24TH

RMI Innovation Center, Basalt, White Steyer Impact Studio, 5:00pm

Director: Charles Ferguson

From Paris to the Polls: Implementing Low Carbon Economies

Monday, June 20

Grand Ballroom, Viceroy Hotel

Morning Session - Paris to Earth:

The Urgency Of Climate Change Is Now

Morning Host - Abby Stern AREI

7:00 am **Continental Breakfast**

8:00 am **Opening Prayer**

Pastor Jane Keener-Quiat

8:05 am **Opening Remarks**

Chip Comins AREI

Sally Ranney AREI

8:15 am **Armchair Conversation**

Nature, Wisdom and Mindfulness: Igniting a Sustainable Future

Moderator: Bud Wilson *Deep Nature Journeys*

Sally Ranney AREI

Ed Bastian *Spiritual Paths*

Susan Skjei *Naropa University*

8:45 am **Opening Address**

Racing The Climate Change Clock

Time To Choose Film Preview

Jeff Horowitz *Time to Choose*

9:00 am **Keynote Address**

Iceland: Leading the Great Transition to 100% Renewables

Introduction: Bill Brandt *ASU Lightworks*

His Excellency Ólafur Ragnar Grímsson President of Iceland

9:30 am **Panel Discussion**

The Paris Agreement: Can It Deliver?

Video by Jeffrey Sachs *Earth Institute/SDSN Columbia University*

Moderator: Sally Ranney AREI

Steve Skadron *Mayor of Aspen*

Keith Tuffley *The B Team*

Osprey Orielle Lake *Women's Earth and Climate Action Network*

10:15 am **Panel Discussion**

195! The Great Global Collaboration

Moderator: Chip Comins AREI

Jon Creyts *Rocky Mountain Institute*

Jens Nielsen *World Climate LTD*

Huang Ming *Himin Solar*

Daniel Fung *United Nations Peace & Development Foundation*

11:00 am **Armchair Conversation**

High Stakes Politics: Reflections on Lessons Learned and Climate Change

Mark Udall *Former US Senator, Colorado*

Maggie L. Fox *Alliance for Climate Protection*

11:30 am **Keynote Address**

A True Cost Economy: How to Ecologize Capitalism

Randy Hayes *Foundation Earth*

11:45 am **Armchair Conversation**

We The People

Chip Comins *AREI*

Leila Conners *Tree Media*

Afternoon Session - The Grand Leap:

Getting to Low Carbon Economies

Afternoon Host - Lucy Kessler *Community Office for Resource Efficiency (CORE)*

12:00 pm **Break for Lunch**

12:30 pm **Luncheon Keynote Address**

Oceans and Ice: Prophets of the Planet

Julienne Stroeve *National Snow & Ice Data Center*

12:45 pm **Luncheon Keynote Address**

Planet at the Crossroads

Inger Andersen *International Union for Conservation of Nature*

1:00 pm **Luncheon Networking**

1:15 pm **Armchair Conversation**

From the Ground Up: Green Growth in Developing Countries

Chip Comins *AREI*

Robert Lavia *Dakia Global*

1:30 pm **Keynote Address**

Can Renewables Bridge the Arab and Israeli Divide?

Rabbi Michael M. Cohen *Friends of the Arava Institute*

1:45 pm **Armchair Conversation**

Climate has No National Boundaries: Redefining Security

General Wesley Clark *Growth Energy*

Gueta Mezzetti *Mezzetti & Associates*

2:15 pm **Armchair Conversation**

Conservative Values and the Green Agenda

Moderator: Tina Beattie *ConservAmerica*

Trammell S. Crow *Earth Day Texas*

Rod Richardson *Grace Richardson Fund*

Aaron Berger *Nexus Working Group on Climate Change*

2:45 pm **Armchair Conversation**

The Playbook: Climate and Energy in the 2016 Election

Moderator: Dr. Michael K. Dorsey *National Academies of Science*

Gene Karpinski *League of Conservation Voters*

Pete Maysmith *Conservation Colorado*

3:15 pm **Keynote Address**

Going Forward: American Clean Power Plan

Bill Becker *Presidential Climate Action Project*

3:30 pm **Armchair Conversation**

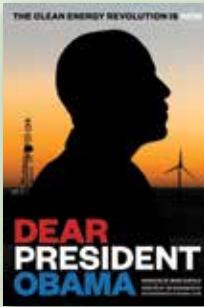
Putting A Fee on Carbon: How and When?

Moderator: Richard Eidlin *American Sustainable Business Council*

Dan Miller *Roda Group*

Mona Newton *Community Office for Resource Efficiency (CORE)*

Lisa Tasker *E.M. Ecological, LLC*

4:00 pm	Keynote Address Clean Tax Cuts: Incentives and Dividends Rod Richardson <i>Grace Richardson Fund</i>	8:30 am	Panel Discussion Architecting the Future of the Built Environment Moderator: Greg Pickrell <i>Architect</i> Michael Fuller <i>Michael Fuller Architects</i> Harry Teague <i>Harry Teague Architects</i> Ann Mullins <i>Aspen City Council</i>
4:15 pm	Armchair Conversation Cleaning it Up: Natural Gas and the Future Moderator: Chip Comins <i>AREI</i> T. Boone Pickens <i>BP Capital</i> Ken Losch <i>ZHRO 1500 & AGI, LLC</i>	9:15 am	Keynote Address Taking Texas Net-Zero Lloyd Lee <i>NATIVE</i>
4:45 pm	Armchair Conversation Low Carbon Food: Ethics and Appetites Moderator: Peter Hans Ward <i>Humble Plum</i> Brook LeVan <i>Sustainable Settings</i> Leilani Münter <i>Carbon Free Girl</i>	9:30 am	Keynote Address Re-Building and Re-Energizing Detroit Carla Walker-Miller <i>Walker-Miller Energy Services</i>
5:15 pm	Closing Remarks Chip Comins <i>AREI</i> Sally Ranney <i>AREI</i>	9:45 am	Armchair Conversation Air Capture Carbon Negative: A Technology For The Future Moderator: Bill Brandt <i>ASU Lightworks</i> Klaus Lackner <i>Center for Negative Carbon Emissions</i> Graciela Chichilnisky <i>Global Thermostat</i>
Monday Evening Program		10:15 am	Keynote Address Theory to Reality: Can Offsets Achieve Carbon Neutrality Stephen Scofield <i>South Pole Group</i>
6:00 pm	VIP Opening Reception Westin, Garden Terrace in honor of His Excellency Ólafur Ragnar Grímsson President of Iceland In partnership with Aspen Peak Magazine	10:30 am	Armchair Conversation Media Engagement for Sustainable Behavior Change Douglas Miller <i>Rocky Mountain Institute</i> Martha Campbell <i>Rocky Mountain Institute</i> Chip Comins <i>AREI</i>
8:00 pm	Film Screening Grand Ballroom, Viceroy Hotel Dear President Obama Director: Jon Bowermaster	10:45 am	Keynote Address The End Of Business As Usual Keith Tuffley <i>The B Team</i>
		11:00 am	Armchair Conversation Corporate Social Responsibility: Mobilizing Business for Good Moderator: Keith Tuffley <i>The B Team</i> Randy Hayes <i>Foundation Earth</i> Mark Stenftenagel <i>Corporate Climate Alliance</i>
Tuesday, June 21		11:30 am	Keynote Address Funding Breakthrough Energy Sources James Farrell <i>CC3IC</i>
Grand Ballroom, Viceroy Hotel		11:45 am	Keynote Address Exponential Entrepreneurism Harry Kloor <i>XPRIZE</i>
Morning Session - Building Sustainability: A Movement Toward Living Within Nature's Limits			
Morning Host - David Orr <i>Oberlin College</i>			
7:00 am	Continental Breakfast	Afternoon Session - Capital and Climate: Shareholder to Stakeholder	
8:00 am	Opening Prayer Pastor Jane Keener-Quiat	Afternoon Host - Rod Eckhardt <i>Round Rock Partners, LLC</i>	
8:05 am	Opening Remarks Chip Comins <i>AREI</i> Sally Ranney <i>AREI</i>	12:00 pm	Break for Lunch
8:10 am	Video Presentation Re-Designing Design: The Nemesis of Sustainability Bill McDonough <i>McDonough Innovation</i>	12:30 pm	Luncheon Armchair Conversation The Arctic Circle: The Frontier of Climate Change Leadership His Excellency Ólafur Ragnar Grímsson <i>President of Iceland</i> Sally Ranney <i>AREI</i>
8:15 am	Opening Address Oberlin: The Story of a City Going Climate Positive David Orr <i>Oberlin College</i>		

From Paris to the Polls: Implementing Low Carbon Economies

1:00 pm	Luncheon Networking
1:15 pm	Keynote Address Investing in the Future: Philanthropy and Business Henk Rogers <i>Blue Planet Foundation</i>
1:30 pm	Panel Discussion Financing Renewable Energy Moderator: Joel Surface <i>Catalyze</i> Rod Eckhardt <i>Round Rock Partners, LLC</i> Joshua Herlands <i>ORIX USA Corporation</i>
2:15 pm	Keynote Address Bringing Sustainable Investment Mainstream Conor Platt <i>Etho Capital</i>
2:30 pm	Armchair Conversation The New Compass of Finance: Values-Based Investing Joel Serface <i>Catalyze</i> Vanessa Grellet <i>CarePrint</i> Brett Byers <i>Partner Ventures</i>
3:00 pm	Keynote Address Better Finance: Converging Nature with Technology in Capital Markets Stan Stalnaker <i>Hub Culture</i>
3:15 pm	Armchair Conversation Divest Invest: A Campaign Commanding Change Moderator: Sally Ranney <i>AREI</i> Vanessa Green <i>Divest Invest Individual</i> Clara Vonrich <i>Divest Invest Philanthropy</i>
3:45 pm	Panel Discussion The Wealth Transfer: Interventions and Opportunities Katie Hoffman <i>Etho Capital</i> John R. Seydel <i>The Revolution Nation Network</i> Mark Bernstein <i>Proteus Environmental Technologies</i> Mauricio Castillo <i>Resco LLC</i>
4:15 pm	Keynote Address Clean Disruption: The Obliteration of Old Energy Tony Seba <i>Stanford University</i>
4:45 pm	Keynote Address Energy Africa Luka Powanga <i>Energy Africa Conference</i>
5:00 pm	Armchair Conversation Updating Utilities: Is a 100% Local and Regional Renewable Grid Possible? Del Worley <i>Holy Cross</i> David Hornbacher <i>Aspen Utilities and Environmental Initiatives</i>
5:30 pm	Armchair Conversation The Seas are Rising: Climate Risk Analysis Albert Slap <i>Coastal Risk Consulting, LLC</i> Steve Michelson <i>Lobitos Creek Ranch</i>

5:45 pm	Closing Remarks Chip Comins <i>AREI</i> Sally Ranney <i>AREI</i>
	Dinner on Your Own

Tuesday Evening Program

Grand Ballroom, Viceroy Hotel

6:30 pm Armchair Conversation

The Power of Education

Carrie Besnette Hauser *Colorado Mountain College*
John Ramo *Digital Directions International Inc.*
Lynne Cherry *Young Voices for the Planet*

7:00 pm Panel Discussion

Linking Women and Climate Change

Moderator: Sally Ranney *AREI*
Corie Radka *Resco LLC*
Marjorie Layden *Salzburg Global Seminar & AREI*
Katie Hoffner *Prieto Battery*
Osprey Orielle Lake *WECAN*



8:00 pm Film Screening

He Named Me Malala

Director: Davis Guggenheim

Wednesday, June 22

Grand Ballroom, Viceroy Hotel

Morning Session - The Essential Shift:

100% Renewables By 2050

Morning Host - Jennifer Broome *Fox News*

7:00 am Continental Breakfast

7:55 am Opening Prayer

Rabbi Michael Cohen *Friends of the Arava Institute*

8:00 am Opening Remarks

Sen. Tim Wirth *United Nations Foundation*

8:15 am Opening Address

The Challenges of Communicating Climate

David Fenton *Fenton Communications*

8:30 am Panel Discussion

Activating Americans: What Works and What Doesn't

Moderator Bob Perkowitz *ecoAmerica*

Celinda Lake *Lake Research Partners*

Ed Maibach *Center for Climate Change Communications*

Cheri Anderson *SRIC-BI*

9:15 am Keynote Address

Solar Valley: Solar Everything!

Huang Ming *Himin Solar*

9:45 am	Panel Discussion Light the World with Sun Energy Geoff Greenfield <i>Third Sun Solar</i> Mat Elmore <i>Microgrid Energy</i> Erica Mackie <i>GRID Alternatives</i> Steve Katsaros <i>Nokero Solar</i>	3:00 pm	Armchair Conversation Soil, Climate Change and Drought: Evolving Biochar Technology Moderator: Alison Burchell <i>Natural Terrestrial Solutions Group</i> James Gaspard <i>Biochar Now, LLC</i> Bill Beierwaltes <i>Biochar Now, LLC</i>
10:15 am	Armchair Conversation Next Generation Wind: Money, Technology and Policy Susan Reilly <i>Wind Energy Foundation</i> Jennifer Jenkins <i>DWEA</i> Abby Arnold <i>American Wind Wildlife Institute</i> John Kostyack <i>Wind Energy Foundation</i>	3:30 pm	Keynote Address The Rebirth of Hemp: Ancient Plant – Contemporary Resource Michael Bowman <i>National Hemp Association</i>
10:45 am	Keynote Address Thomas Edison – Your Time is Now Sandra Vanderstoep <i>Alliance for Sustainable Colorado</i>	3:45 pm	Keynote Address Clean Energy: A \$3 Trillion Revolution Brandon Hurlbut <i>Boundary Stone Partners</i>
11:00 am	Panel Discussion The DC Project at the Alliance for Sustainable Colorado Moderator: John Powers <i>Alliance for Sustainable Colorado</i> Denise Dihle <i>360 Engineering</i> Bern Gallagher <i>PVI CM</i> Sandra Vanderstoep <i>Alliance for Sustainable Colorado</i>	4:00 pm	Armchair Conversation You Reap What You Know Tom Van Dyck <i>RBC Wealth Management</i> Andy Behar <i>As You Sow</i> Melissa Beck <i>The Educational Foundation of America</i>
11:45 am	Keynote Address Energy Security and US Prosperity Kevin Knobloch <i>Department of Energy</i>	4:30 pm	Keynote Address The Faith Based Community and a Low Carbon Future Rev. Mitchell Hescox <i>The Evangelical Environmental Network</i>
Afternoon Session - Social Innovations and Clean Tech Solutions Afternoon Host - Leilani Münter <i>Carbon Free Girl</i>		4:45 pm	Keynote Address The Determination of Coal Mike Phillips <i>Turner Endangered Species Fund</i>
12:00 pm	Break for Lunch	5:00 pm	Keynote Address Protecting the Places We Love And Values We Share Margie Alt <i>Environment America</i>
12:30 pm	Luncheon Armchair Conversation Solar's Journey to Grid Parity John R. Seydel <i>The Revolution Nation Network</i> Kyle Sundman <i>DU Solar</i> Austin Rosenbaum <i>University of Denver</i>	5:15 pm	Armchair Conversation Environmental America: Taking the Message Home Moderator: Sally Ranney <i>AREI</i> Kim Stevens <i>Environment Colorado</i> Margie Alt <i>Environment America</i>
1:00 pm	Luncheon Networking	5:45 pm	Closing Remarks Chip Comins <i>AREI</i> Sally Ranney <i>AREI</i>
1:15 pm	Keynote Address Moving Beyond Fossil Fuels: Ready for 100% Michael Brune <i>Sierra Club</i>	Wednesday Evening Program Grand Ballroom, Viceroy Hotel	
1:45 pm	Keynote Address The Intersection of Policy and Politics Alice Madden <i>Getches-Wilkinson Center for Natural Resources</i>	6:30 pm	Start-Up Green Evening Showcase Join us to hear pitches from cleantech entrepreneurs, network and interact with Startup Green participants. The top 3 teams from the Showcase will give final presentations to the AREDAY Summit audience on June 23rd at 11:30am. Cocktails compliment of Marble Distillery. Sponsored by Renewable Energy World.
2:00 pm	Keynote Address Waste to Energy: Landfill to Grid Mike Hart <i>Sierra Energy</i>	8:30 pm	Film Screening American Epic Director: Bernard MacMahon Producer: Allison McGourty
2:15 pm	Panel Discussion Emissions Reduction: The Carbon Opportunity Moderator: Chip Comins <i>AREI</i> Jennifer Holmgren <i>LanzaTech</i> Mike Hart <i>Sierra Energy</i> Klaus Lackner <i>Center for Negative Carbon Emissions</i>		

From Paris to the Polls: Implementing Low Carbon Economies

Thursday, June 23

Grand Ballroom, Viceroy Hotel

Morning Session - Conservation, Population and Environmental Protection

Morning Host - Peter Hans Ward *Humble Plum*

7:00 am Continental Breakfast

8:00 am Opening Prayer

Rev. Mitchell Hescox *Evangelical Environmental Network*

8:05 am Opening Remarks

Chip Comins *AREI*
Sally Ranney *AREI*

8:15 am Opening Address

Rainforest Conservation and Global Warming
Brett Byers *Million Acre Pledge*

8:30 am Armchair Conversation

Conservation and Climate
Larry Schweiger *PennFuture*
Mark McGuffie *International Union for Conservation of Nature*

9:00 am Panel Discussion

African Trade and Wildlife

Moderator: Louie Psihogios *Oceanic Preservation Society*
Sally Coxe *Bonobo Conservation Initiative*
Dave Weider *Wildlife Protection Solutions*
Damien Mander *International Anti-Poaching Foundation*
Mike Korchinsky *Wildlife Works*

9:45 am Armchair Conversation

Original Wisdom: Sustaining the Systems of Life
Bob Gough *Intertribal Council on Utility Policy*
Osprey Orielle Lake *Women's Earth and Climate Action Network*

10:00 am Armchair Conversation

Hidden In Plain View: Impacts of Population
Bill Ryerson *Population Media*
John McBride *McBride Foundation*

10:30 am Keynote Address

Water Energy Nexus
Ken Neubecker *American Rivers*

10:45 am Armchair Conversation

The Snowmass Story
Tom Cardamone *Snowmass Discovery*
Bill Madsen *Snowmass Village Town Council*
Alyssa Shenk *Snowmass Village Town Council*

11:15 pm Keynote Address

**At Scale and Everyone Plays:
Can Big Cities Really Be Sustainable?**
Jerry Tinianow *City and County Denver*

11:30 am STARTUP GREEN

Top Three Teams Presentations

Afternoon Session - Leadership and Leveraging Climate Urgency in the 2016 Elections

Afternoon Host - Austin Rosenbaum *University of Denver*

12:00 pm Break for Lunch

12:30 pm Luncheon Keynote Address

Reinventing Fire: The U.S. China Nexus
Amory Lovins *Rocky Mountain Institute*

1:00 pm Luncheon Networking

1:15 pm Armchair Conversation

Media Moves the World
Moderator: David Fenton *Fenton Communications*
Jennifer Broome *Fox News*
Duncan Campbell *Journalist*

1:45 pm Armchair Conversation

Culture, Climate and the Global Brain
Moderator: Paul Miller *DJ Spooky*
Natalia Vega-Berry *The Global Brain*
Michael Tracy *The Global Brain*

2:15 pm Panel Discussion

IMPACT FILM
Moderator: Chip Comins *AREI*
Steve Michelson *Lobitos Creek Ranch*
Greg Reitman *Blue Water Entertainment*
John Quigley *Spectral Q*

2:45 pm Panel Discussion

Leadership: Why Women at the Front
Moderator: Osprey Orielle Lake *Women's Earth and Climate Action Network*
Janice Hall *Natural Network International*
Joanie Klar *Media Producer*
Leanne Wheeler *Wheeler Advisory Group*
Leilani Münter *Carbon Free Girl*

3:15 pm Armchair Conversation

Greenest Village in America
Moderator: Chip Comins *AREI*
Richard Goodwin *Goodwin Foundation*

3:25 pm Keynote Address

Powering Forward: What Everyone Should Know About America's Energy Revolution
Gov. Bill Ritter *Center for the New Energy Economy*
Book Signing to Follow

3:45 pm Keynote Address

Paris to the US Polls
Sen. Tim Wirth *United Nations Foundation*

4:00 pm Keynote Address

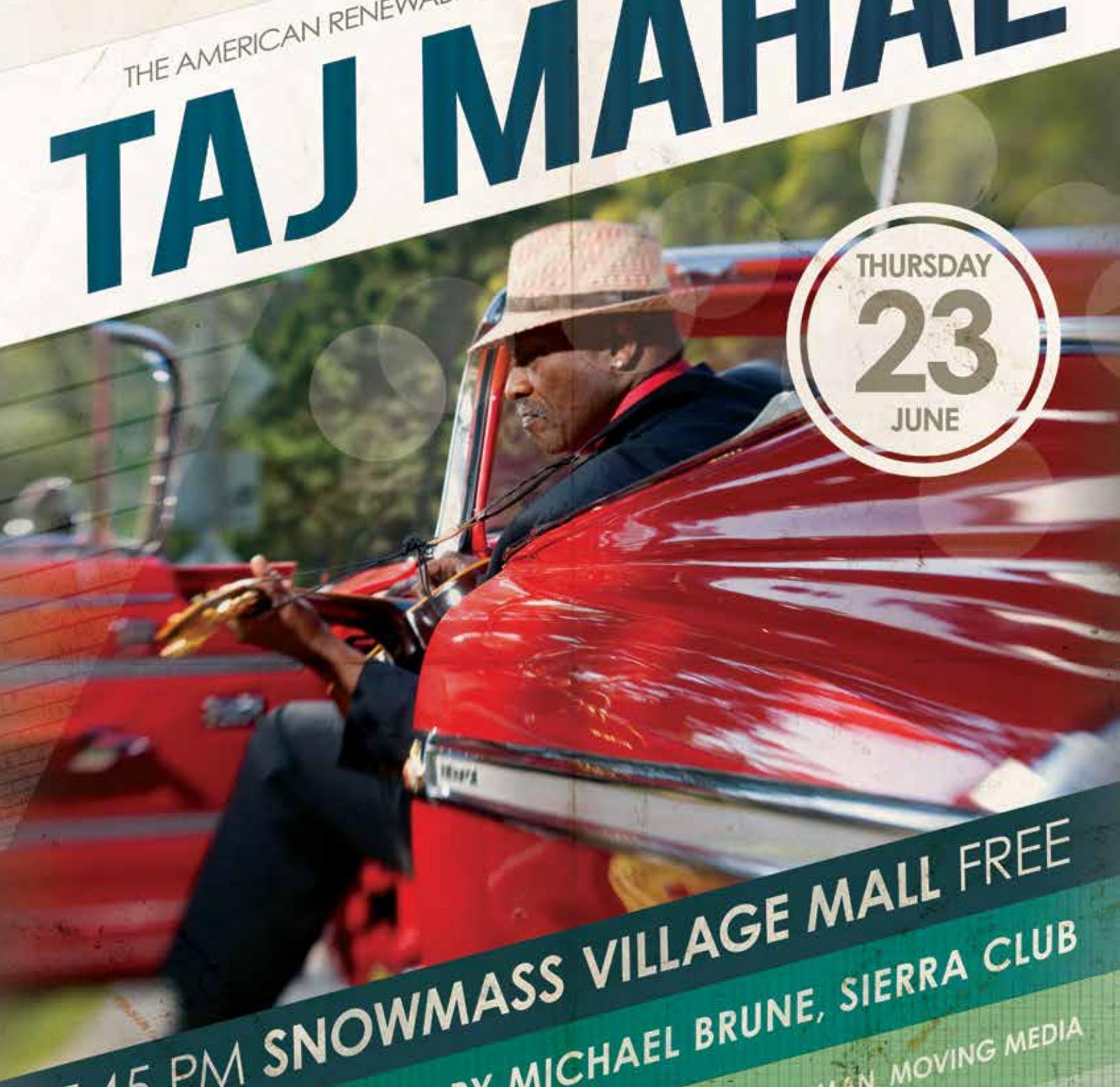
How to Make a Lasting Difference in a Divided America
Maggie L. Fox *Alliance for Climate Protection*



American Renewable Energy Day™

THE AMERICAN RENEWABLE ENERGY INSTITUTE PRESENTS

TAJ MAHAL



THURSDAY

23

JUNE

5:45 PM SNOWMASS VILLAGE MALL FREE
OPENING REMARKS BY MICHAEL BRUNE, SIERRA CLUB

GAIL SCHWARTZ, FORMER CO SENATOR • GREG POSCHMAN, MOVING MEDIA

AREI

american renewable energy
INSTITUTE

From Paris to the Polls: Implementing Low Carbon Economies

4:15 pm **Armchair Conversation**
SHOW UP! STAND UP! SPEAK UP!:
Millennial's in the 2016 Election
Courtlyn Carpenter *bridgeUSA*
Patrick Kearney *bridgeUSA*
Leigh Francia *bridgeUSA*

4:45 pm **Keynote Address**
Mission Blue
Dr. Sylvia Earle *Mission Blue*

5:15 pm **Keynote Address**
Stepping Up to the Plate:
Winning 2016 to Protect Colorado's Values!
Sen. Gail Schwartz *Former Colorado Senator*

5:30 pm **Closing Conversation**
From Paris to The Polls
Sally Ranney *AREI*
Chip Comins *AREI*

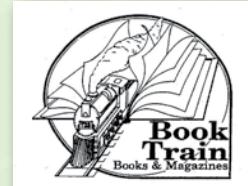
**"Few will have the greatness to bend history itself;
but each of us can work to change a small portion
of events, and in the total; of all those acts will be
written the history of this generation."**

— Robert Kennedy

OF SPECIAL NOTE:

 **Book Signings & Sales**
In Salon A

 **2016 AREDAY Exhibitors**
In Salon A



Arizona State University
Atmocean
Biochar Now
Divest Invest Individual and Philanthropy
Environment America and Environment Colorado
Earth Day Texas
Himin Solar
Nokero Solar
Sierra Energy
The Alliance Center dcProject
Wilderness Workshop
Wildlife Protection Solutions

Test Drive a Volt!

Why choose between electric or gas when you can have both? With its ingenious propulsion system, unlike traditional hybrid cars, Volt lets you drive on pure electricity for your everyday commute and seamlessly switches to gasoline for longer trips.

**Mtn. Chevrolet will have the Volts available
for test drives during the Summit.**

Mountain
CHEVROLET 

(970) 928-9777



Thursday Evening Program

Snowmass Village Mall

7:00 pm **Taj Mahal Trio Concert**
FREE on Fanny Hill, End of Snowmass Village
on Snowmass Mountain
Opening Remarks
5:45 pm Greg Poschman *Moving Media, Inc.*
6:00 pm Gail Schwartz *Former Colorado Senator*
6:15 pm Michael Brune *Sierra Club*
6:45 pm Michael Fitzpatrick

Friday, June 24

Rocky Mountain Innovation Center
22830 Two Rivers Rd, Basalt, CO 81622

10:00 am **Wildlife Hike**
Meet in the lobby of the Viceroy for a hike with local plant
ecologist Lisa Tasker. Wear comfortable hiking/walking shoes,
sunscreen, a sun hat, and bring a water bottle and your curiosity!

3:00 pm **Tour of Innovation Center**
Group 1 (30 min.)

3:30 pm **Tour of Innovation Center**
Group 2 (30 min.)

4:00 pm **Reception**

5:00 pm **Screening of Time to Choose**
White Steyer Impact Studio
Director: Charles Ferguson

6:30 pm **Discussion and Q & A**
Amory Lovins *Rocky Mountain Institute*
Sally Ranney *AREI*

BIOGRAPHIES



Margie Alt is Executive Director of Environment America. Alt oversees all aspects of the organization, including policy and strategy development for major campaigns, building the organization's membership, visibility and field power, recruiting and training of staff and activists. Alt is spearheading the federation's recent efforts to cut global warming pollution from power plants and efforts to push the EPA to protect the drinking water of 117 million Americans. She has also helped oversee the passage and implementation of renewable energy standards in 20 states and the passage of vehicle emissions standards in 12 states. Under Alt's direction the Environment America federation has grown to include 29 state-based groups, nearly 100 professional staff, and more than 1 million members, donors, activists and allies in all 50 states and has become one of the leading 'outside game' players in the U.S. environmental movement.



Inger Andersen is Director General of the International Union for Conservation of Nature (IUCN). Andersen brings a passion for conservation and sustainable development with more than 30 years of experience in international development economics, environmental sustainability and policy-making. Additionally, she has experience designing and implementing projects and generating on-the-ground impact. Prior to joining IUCN in January 2015, Andersen held various leadership roles at The World Bank and United Nations. Most recently, she was Vice President of the Middle East and North Africa at The World Bank. Previous to that, she was Vice President for Sustainable Development and Head of the CGIAR Fund Council.



Cheri Anderson is Global VALS Technical Director of Strategic Business Insights. Anderson helps organizations worldwide make decisions on how populations will respond to new products, services, and policy initiatives. Whether the decision relates to a new consumer-electronics gadget, a service, or even efforts to encourage green lifestyles or responsible citizenship, Anderson brings big data-based insights about different types of people and the attitudes and behaviors they exhibit, and how they are likely to respond. In her role as Global Director of Research for Strategic Business Insights' VALS service, she's aided advertisers, broadcasters and TV makers; nonprofits and governments; automotive industries, real-estate developers and many more. Her findings are backed by surveys she conducts of populations of multiple countries, using algorithms that segment a population into groups that have distinct psychologies.



Abby Arnold is Executive Director of the American Wind Wildlife Institute (AWWI). Since 2010, Arnold has worked with 23 of the nation's leading wind energy companies (including developers, manufacturers, and utilities) and 10 national science and environmental organizations to facilitate wind energy development while conserving wildlife. Arnold relishes designing collaborative processes that bring diverse stakeholders together, elevating the best available science into decision-making, and achieving results. A mediator, she is also VP at Kearns & West, Inc. and has facilitated consensus processes on water, energy, and other natural resource challenges. Arnold holds a Master's in Public Administration from Harvard's Kennedy School of Government, and a B.A. in Environmental Planning and Politics from U.C. Santa Cruz. She lives in Washington D.C. She loves to hike and kayak and enjoys the wild outdoors.



Ed Bastian, Ph.D. is President of the Spiritual Paths Foundation and holds a Ph.D. in Buddhist Studies. He is an award-winning author of *Living Fully Dying Well*, and author of *InterSpiritual Meditation and Mandala: Creating an Authentic Spiritual Path*. He is a former Smithsonian program director of BioDiversity and teacher of Buddhism and world religions. An Internet entrepreneur and environmentalist, he produced acclaimed documentaries on religion for the BBC and PBS, and a film series on Tibetan Buddhism funded by the National Endowment for the Humanities. A Global Trustee for the United Religious Initiative, he helps lead their environmental network. A former Fulbright Fellow in India, Bastian has worked closely with over fifty Christian, Buddhist, Muslim, Jewish, Hindu, Taoist, and Native American contemplative teachers to develop a non-sectarian, InterSpiritual Mindfulness Meditation.



Tina Beattie is Chair for ConservAmerica and Vice President and Co-Owner of Top Line Restaurants, Inc., a Phoenix, AZ based multi-brand franchisee operating Denny's Restaurants and Corner Bakeries. She is very active in the community and civic affairs. She was instrumental in the founding of CREO Montessori School in Gilbert, AZ. Beattie attended Arizona State University. She has served on ConservAmerica's board since 2008.



Melissa Beck is Executive Director of The Educational Foundation of America (EFA). Prior to joining EFA, Beck was the CEO of Legal Information for Families Today (LIFT), an award-winning nonprofit dedicated to enhancing access to justice for children and families in New York. Before LIFT, she worked on criminal justice reform and practiced criminal law as a prosecutor and criminal defense attorney. Beck has been an Adjunct Professor of Nonprofit Management at NYU's Wagner School of Public Service and at Fordham University. She sits on the Board of The LOVE, HALLIE Foundation and serves on the Leadership Council of the Support Center on Nonprofit Management. Beck is a graduate of Hampshire College, received her J.D. from the Benjamin N. Cardozo School of Law, and holds a certificate in Nonprofit Management from Columbia Business School.



Bill Becker is Executive Director of the Presidential Climate Action Project, now in its 10th year of developing energy and climate policies that the President of the United States can implement without Congress. Becker is a senior advisor at Natural Capitalism Solutions, a consultant for the Center of the New Energy Economy at Colorado State University and a guest blogger on Huffington Post. He serves on the Board of Directors of the Alliance for Sustainable Colorado, on the Editorial Board of the Solutions Journal, and on Mikhail Gorbachev's International Climate Change Task Force.



Andrew Behar is CEO for As You Sow, a nonprofit organization based in Oakland, dedicated to increasing environmental and social corporate responsibility. Founded in 1992, As You Sow envisions a safe, just, and sustainable world in which environmental health and human rights are central to corporate decision-making. The Climate, Environmental

Health, Waste, and Human Rights programs create industry-wide change through corporate dialogue, shareholder advocacy, and innovative legal strategies. As You Sow has led shareholder engagements on Carbon Asset Risk with ExxonMobil, Chevron, Anadarko, Hess, and CONSOL. They have engaged coal-fired utilities including FirstEnergy, Southern, and Duke on efficiency, and renewables. Behar brings over 30 years of experience as founder of innovative fuel cell and biofuel start-ups. He was recently elected to the board of U.S. Social Investing Forum (US-SIF).



Bill Beierwaltes is Co-Founder of Biochar Now and serves as its CEO. He has B.S. degrees in Electrical Engineering and Math, and an MBA. Following initial employment at Hewlett Packard, he became a serial entrepreneur having started six high-tech companies including Biochar Now. His largest company grew from zero sales to 65% world market share before being sold to Hewlett Packard in the 90s. Biochar Now started four and a half years ago with a vision to make and sell high-quality biochar at very large scale. During that time, Beierwaltes managed the company's development of patent-pending technologies for biochar creation, EPA-approved emissions, cost-effective manufacturing and easily scaled production sites. The company is now scaling for high capacity to meet the demands of several diverse markets.



Aaron Berger is Co-Chairman for the Nexus Working Group on Climate Change, and International Advisor for U.S. Climate Plan. 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. He serves as a strategic advisor to individuals and organizations 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; the analysis of which yields new angles and novel solutions.



Mark Bernstein, Ph.D. is a Professor at the University of Southern California's Energy Institute and an innovative leader in value-based sustainability, marketing, research and strategic planning with 25 years' pioneering energy and sustainable business solutions through robust analysis and innovative frameworks across private, public and nonprofit sectors. Bernstein has most recently consulted with Midwestern BioAg, a company focused on a more sustainable platform for agriculture. Prior work has included the Clinton Administration's White House Office of Science & Technology Policy where he led efforts on energy efficiency in housing and climate change technology strategies, MWW, a top-10 independent marketing firm developing sustainability marketing, Pegasus Capital Advisors, a private equity firm where he led thought leadership efforts, Yellowstone National Park, Southern California Edison, Metropolitan Water District, The World Bank, any many others.



Jon Bowermaster is a six-time grantee of the National Geographic Expeditions Council and award-winning writer and filmmaker. Bowermaster was recently named one of a dozen Ocean Heroes by the National Geographic Society. His websites and blogs (www.jonbowermaster.com, www.oceans8films.com) continue his reporting on the world's coastlines and

the people who live along them. Author of twelve books, he is also the writer, director and producer of twenty documentary films, most recently *Antarctica 3D*, *On the Edge*, *Sink or Swim*, *Learning the Crawl in the Maldives*, *After the Spill*, *Louisiana Water Stories Part II*, *The Hudson, River At Risk*, *Dear Governor Brown and Paradise Is There*, a collaboration with partner Natalie Merchant. *Dear President Obama, The Clean Energy Revolution Is Now*, produced with and narrated by actor/advocate Mark Ruffalo, premiered in March 2016. Bowermaster lives in New York's Hudson Valley.



Michael Bowman is Chairman of the Board of the National Hemp Association, a Colorado-based nonprofit dedicated to the re-legalization of industrial hemp. He is a White House Champion of Change, served as Co-Chair of Governor-elect Bill Ritter's Energy Transition Team and is an advisor to The Savory Institute, a global network focused on grasslands and carbon-farming. He is a founding board member of the Sustainable Biodiesel Alliance, '25x'25' and Colorado Farm-to-Cafeteria Workgroup. A fifth-generation native Coloradan who grew up on his family ranching operation in eastern Colorado, his adult life is focused on the nexus of rural job creation, resource conservation, sustainability and environmental markets for American agricultural producers.



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 and joined 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 on the board of a social networking communications company (educatedchange.com) and Ensyn Corporation, a producer of renewable liquid fuels from wood biomass and agricultural residues. You can find him on Twitter @wrbrandt and energy leadership thinking on LinkedIn <https://www.linkedin.com/in/bill2brandt>.



Jennifer Broome is a Broadcast Meteorologist with over two decades of weather and television news experience, including being in Hurricane Katrina and 100, 500, and 1000-year floods. Having worked in Myrtle Beach, Knoxville, San Antonio, and Denver television markets, Broome has expertise in forecasting tropical, extreme flooding, severe storms, drought, wildfire, and winter weather. Broome also does some environmental reporting, including a recent series on Earthships. She blends her passions of weather and the outdoors in "Explore Colorado," a news segments and series she created for KDVR and KWGN in Denver, Colorado. Broome is also a travel expert, host/reporter, writer, adventurer, explorer, photographer, and videographer. From flying with the Air Force Thunderbirds to summiting 14,000 foot peaks, Broome usually takes her camera along on her adventures.

BIOGRAPHIES



James Brundige, Filmmaker for First Light Films, 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 is 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.



Alison Burchell is currently the Consultant-In-Residence for Biochar Now. Burchell is a professional geologist and Co-Founder of the NTS Group research collaborative. Following a Fellowship with the U.S. Geological Survey, she established a consulting practice in crustal processes, reclamation, renewable energy project siting, hazards assessment and stakeholder facilitation. Her current research is focused on the natural terrestrial processes of carbon sink formation and the efficiency of bio-geo-mimicry approaches to reclamation. In her work, she practices a collaborative approach towards facilitating client's resiliency goals including assisting property owner's transition to sustainable land-use practices and supporting communities, businesses, NGO's, stakeholder groups or government agencies achieve their renewable energy and environmental objectives. She holds a B.S. in Chemistry and Environmental Planning and graduate degrees in Isotope-Geochemistry and Volcano-Tectonics.



Brett Byers is Managing Director, Partner Ventures and led venture capital investing for VCFA Group for over a decade. He has made several cleantech venture investments, including in DIRT and ChargePoint. Previously, he was involved in the technology industry as a senior executive, corporate attorney and engineer. Byers holds a J.D. from Yale Law School and a B.S. in Electrical Engineering from Cornell University. He has a strong interest in using forestry to combat climate change. Byers is the founding pledger of the Million Acre Pledge and a member of the board of Rainforest Trust. He recently co-authored a peer-reviewed paper in *Nature Climate Change* that demonstrates how tropical forest conservation and restoration could provide up to 50% of the CO₂ net emissions reductions over the crucial 50 years.



Michael Cain is Co-Founder and President of M3 Films (M3), which focuses on the production of "Movies with a Mission" including Sundance Special Jury Prize TV JUNKIE. A native of Dallas, he received a Master in Fine Arts: Producing from the American Film Institute (AFI). Career and passions have successfully woven through both for-profit/nonprofit ventures. He has produced 20+ feature-length films, 30+ commercials/music videos; is a Founder of the Filmanthropy Fund at the Dallas Foundation; and founded the nonprofit, Arts Fighting Cancer (AFC.) In 2006, Cain Co-Founded the Dallas Film Society and the Dallas International Film Festival, serving in multiple roles including Founding Artistic Director, CEO, President and Chairman of the Board. In 2013, Cain joined forces with Trammell S. Crow and Earth Day Dallas to grow the festival into a larger state-wide event, Earth Day Texas.



Duncan Campbell III, the Producer and Host of Living Dialogues, holds degrees from Yale and Harvard Law School, and a Certificate from the Sorbonne. A widely acknowledged visionary thinker, he has travelled extensively in both industrial and developing countries, engaging modern and indigenous cultures. He participated in the 1992 Global Forum at the Rio Earth Summit, and has made pilgrimages to major sacred sites on five continents. He presented on "The Art of Dialogic Mythmaking" at the Joseph Campbell Centenary and has presented and led dialogues at numerous other events, including The Alliance for a New Humanity. Campbell authored a Democratic presidential campaign white paper "New Energy for a New World," and has hosted his "Living Dialogues" program with fellow visionaries in many diverse fields, first on public television and now on KGNU public radio and Internet.



Martha Campbell is part of Rocky Mountain Institute's (RMI) Buildings Practice and leads the Residential Energy+ program's Ready Resources initiative. The initiative is focused on developing streamlined solutions that enable consumers to affordably, conveniently and quickly make home deep energy improvements. Campbell has worked intimately on on-bill repayment program design, home mortgage underwriting reform and is currently working on an effort to mass-produce net zero energy ready retrofits. Previous to her work at RMI, Campbell has done everything from program trading on Goldman Sachs' equity desk to field organizing for the Alliance for Climate Protection (part of Al Gore's Climate Reality Project). Campbell holds a B.A. in International Relations and Economics from Stanford University and a Master of Environmental Science combined with an MBA from the University of Michigan.



Tom Cardamone is Executive Director, Snowmass Discovery, and came to Colorado in 1972 as a college student to work on a proposal to Congress for what is now the Hunter-Fryingpan Wilderness Area. He befriended many Colorado wilderness advocates on that project including Jody Caudill of Aspen, the first director of the Aspen Center for Environmental Studies (ACES). Cardamone became Co-Director later that year and was Executive Director until 2012. Cardamone remains affiliated with ACES and since 2013 has been Executive Director of Snowmass Discovery, tasked with celebrating Colorado's and the world's most remarkable alpine ice age fossil site. The discovery is a golden opportunity to employ the past's fine-grained record of climate change to understand and respond to our climate challenges.



Courtlyn Carpenter is Co-Founder of bridgeUSA. She is earning a B.S. in Environmental Engineering at CU-Boulder where she is actively involved in a number of sustainability initiatives. She played a pivotal role in jumpstarting one of bridgeUSA's two founding chapters, bridgeCU. In addition to her political work, Carpenter enjoys playing the cello, cooking, and exploring the mountains of Colorado. She hopes to pursue a graduate degree related to environmental policy.



Mauricio Castillo is a Founding Partner of the Resilience Collaborative, LLC, an advisory firm focused on scaling financial and business solutions to address climate challenges. As a Solar Sales Trainer for Sungevity he conducted market and policy research, lead sales initiatives, and developed content and training spanning across 13 states. His past experience includes leading research and development projects related to climate policy and communications with NGOs such as Earthjustice and 350.org. Castillo obtained his B.S. in Environmental Science and Policy from UC Berkeley where he also co-founded and helped institutionalize the University's Environmental Resource Center.



Lynne Cherry is an author and illustrator of children's books who has written and illustrated over 30 award-winning books for children. Her best selling books, *The Great Kapok Tree*, translated into 5 languages, and *A River Ran Wild*, teach children about respecting the Earth. Cherry chooses the subjects of her books by asking, "What are the most important issues in the world that kids should know about and that they might be able to do something to effect?" Her work encourages children to go outside and explore nature, and stimulates their desire to make a difference. With photojournalist Gary Braasch, she wrote *How We Know What We Know About Our Changing Climate: Scientists and Kids Explore Global Warming*. Cherry was an Artist in Residence at The World Wildlife Fund in the 1980's, and has travelled extensively researching her books.



Graciela Chichilnisky, Ph.D. is Co-Founder and Managing Director of Global Thermostat. With PhDs in Mathematics and Economics she studied at MIT and UC Berkeley and is Professor at Columbia University, and Visiting Professor at Stanford University. The author of the *Carbon Market of the United Nations Kyoto Protocol* that became international law in 2005 she created the concept of "Basic Needs," which the 1993 United Nations Earth Summit voted the cornerstone of Sustainable Development and the formal theory of Sustainable Development used worldwide today. Called an "A-List Star" by the *Washington Post*, she appeared in the 2009 *Time Magazine* on "Heroes of the Environment," served as a U.S. Lead Author on the Intergovernmental Panel on Climate Change, and as special adviser to several United Nations organizations, heads of State, and the U.S. Congress and was selected "2015 CEO of the Year."



General Wesley K. Clark is Co-Chair of Growth Energy, former NATO Supreme Allied Commander, serves as Chairman and CEO of Wesley K. Clark & Associates, Senior fellow at UCLA's Burkle Center, Advisor at the Blackstone Group, Trustee of International Crisis Group, Founding Chair of City Year Little Rock/North Little Rock, as well as numerous corporate boards. General Clark has authored four books and is a founding member of the Clinton Global Initiative. Clark retired as a four star general after 38 years in the United States Army. He graduated first in his class at West Point and completed degrees at Oxford University as a Rhodes Scholar. His awards include the Presidential Medal of Freedom, Defense Distinguished Service Medal, Silver Star, Bronze Star, Purple Heart, and honorary knighthoods from the British and Dutch governments.



Rabbi Michael Cohen is the Director of Community Relations for Friends of the Arava Institute. Cohen is a graduate from the University of Vermont, receiving ordination from the Reconstructionist Rabbinical College and presently the Rabbi Emeritus of the Israel Congregation in Manchester Center, Vermont. He has been involved with the Arava Institute for Environmental

Studies since its doors opened in 1996. He is also on the faculty of the Bennington College where he teaches Conflict Resolution. In 2009, he co-founded the Arava Power Company, which is working to make Solar Power the main energy source for southern Israel and the region. In his capacity with the Arava Institute he helped set up the Alliance for Middle East Peace, an organization of Israeli, and Palestinian NGOs. He is the author of numerous articles on the environment and the Middle East peace process.



Chip Comins is Founder, Chairman and CEO of the American Renewable Energy Institute, (AREI, Inc.) and Producer of the AREDAY Summit, Expo and IMPACT FILM. Managing Director of American Spirit Productions and of W Energy, LLC., and Managing Partner S&C Capital, LLC. He has produced and directed both long and short form documentary films for educational and broadcast television markets, including PBS, Link TV, BET and Discovery Networks. He is Associate Producer of the 2015 feature documentary *Racing Extinction*. A long-time advocate implementing renewable energy resources to reduce green house gas emissions and climate change, Comins advocates a business approach to solving both the economic and environmental crisis. In 2009 he produced 13 official side events at the UNFCCC COP15 in Copenhagen and in 2015 presented at COP21 in Paris in 2015.



Leila Conners is the Founder of Tree Media, intended to create media to support civil society. With a background in international politics, Leila's first documentary, *The 11th Hour* with Leonardo DiCaprio premiered in Cannes 2007. Leila created *Urban Roots* in 2011 about urban collapse and renewal through urban farming in Detroit. Leila directed "Green World Rising," a series narrated by Leonardo DiCaprio about solutions to climate change and most recently directed a 20-minute short doc titled "Biomimicry" on the work of Janine Benyus. *We the People 2.0* is Leila's third feature documentary about the rise of community democracy in the U.S. — effectively a "second American Revolution." Leila is in post-production on her 4th film, *The Arrow of Time* about the end of the Cold War, and Mikhail Gorbachev.

BIOGRAPHIES



Sally Jewell Coxe 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. Coxe 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 and our planet. She has spoken widely about bonobo conservation and the importance of traditional knowledge. Her work has been instrumental in raising awareness about bonobos 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.



Jon Creyts, Ph.D. is Managing Director at Rocky Mountain Institute (RMI), where he leads research and collaboration activities. He brings over 20 years of strategy, operations and design experience to resource issues at the interface of markets and technology. He is the Founding Director of RMI's China Program, and manages the current Reinventing Fire research collaboration with the Energy Research Institute, which seeks to provide a clean energy roadmap for China through 2050. Prior to joining RMI, Creyts was a partner with McKinsey and Company. There he worked extensively with clients on strategy issues related to environmental performance, and helped found the sustainability practice. He was a primary author of McKinsey's greenhouse gas abatement cost-curve. Creyts is also a veteran of the aerospace and power industries. He received a Ph.D. in Mechanical Engineering from the University of California, Berkeley.



Trammell S. Crow is President of the Crow Family Foundation, which operates and manages The Trammell and Margaret Crow Collection of Asian Art. Prior, Crow began his career as a warehouse-leasing agent in Denver before transferring to Houston to develop residential subdivisions and lease retail space. Returning to Dallas, he joined the development team of the Anatole Hotel, worked at the Dallas Market Center, and by 1985, he had developed the Dallas Communications Complex, the Studios at Las Colinas, INFOMART and the Dallas/Fort Worth Teleport. From 1986 to 1993, Crow was the CEO of Trammell Crow International, overseeing the Brussels International Trade Mart. He is a long-term supporter of the Texas Conservation Alliance, the Nature Conservancy of Texas, Log Cabin Republicans, and the League of Conservation Voters.



Denise Dihle, P.E. is the President of Three Sixty Engineering, Inc. Dihle has been involved in a diverse range of work within the mechanical engineering field. Her expertise includes the design of HVAC, plumbing, fire protection, and medical/laboratory gas systems for institutional, governmental, and commercial buildings. She has done extensive testing and troubleshooting of existing "problem buildings," recommending and implementing changes to correct the problems. Dihle is a certified ASHRAE High-Performance Building Design Professional (HBDP) and strives to implement energy efficiencies into projects.



Michael K. Dorsey, Ph.D. is Interim Director of Energy & Environment at Joint Center, a "Full member" of the Club of Rome, and is a recognized expert on energy, finance and sustainability matters. The National Journal named him one of 200 national "energy and environment expert insiders." A graduate of the University of Michigan, Yale and the Johns Hopkins University, presently Dorsey is Senior Program Officer for Sustainability at the U.S. National Academies of Sciences, Engineering and Medicine. Beyond the Academies, Dorsey is a serial organization builder and active advisor to many concerns. In for-profit arenas, he advises several pools of private equity finance on renewable energy matters. Dorsey sits on many nonprofit boards, notably he is a Sierra Club Director. A long time UN advisor, Dr. Dorsey was formerly UN-NGLS' advisor on climate, sustainability and Small Island Developing States.



Sylvia A. Earle, Ph.D. is the Founder of Mission Blue and the SEAlliance, is an oceanographer, explorer, author and lecturer. Earle is an Explorer in Residence of the National Geographic Society, former Chief Scientist of NOAA, leader of the NGS Sustainable Seas Expeditions, and Council Chair for the Harte Research Institute. A graduate of St. Petersburg College and Florida State University, Earle holds an M.A. and Ph.D. from Duke University and 20 honorary doctorates. Named as *Time* magazine's first "Hero for the Planet," "Living Legend" by the Library of Congress, and the "2009 TED Prize winner," she has authored 180 publications, led more than 100 expeditions with 7,000 hours of diving, lectured in more than 70 countries, and has more than 100 national and international awards, including the "2011 Royal Geographical Society's Patrons Medal."



Rod Eckhardt, Principal, Seminole Equity Partners (SEP), specializes in financing renewable energy systems. SEP's principals created one of the first private label renewable energy tax equity investment funds in the country and developed a debt program for qualified participants. Combined, the SEP team has extensive experience incentivizing investments representing more than \$4 billion dollars. Eckhardt has worked extensively with tax incentivized investments from both an equity and debt perspective. He is a frequent speaker at renewable energy finance conferences across the country. Eckhardt has worked on behalf of tax credit syndicators, lenders, investors and developers. He previously served as Vice President for Capmark Finance Inc. and as Investment Counsel for a division of GMAC. Mr. Eckhardt earned his B.A. from Colorado State University and his J.D. from Gonzaga School of Law.



Richard Eidlin is Co-Founder & Vice President for Policy, American Sustainable Business Council (ASBC). He spends time on Capitol Hill, the White House and with regulatory agencies. From 2005 to 2009, Eidlin served as the Business Outreach Director for the Apollo Alliance. He worked in the solar energy industry for ten years advocating for state legislation and regulations to create new markets. He consulted to the UN Environment Programme where he engaged major corporations on sustainable development programs. Eidlin co-directed the Colorado chapter of the Clean Tech for Obama campaign and advised Gov. Bill Ritter on renewable energy issues during his gubernatorial campaign. He is an adjunct faculty at the University of Denver and lives in Denver with his wife, Heather.



Mat Elmore is the Managing Director of Microgrid Energy's Denver Office and has 7 years of experience developing commercial and utility-scale energy efficiency and solar photovoltaic projects. He leads the development of comprehensive energy upgrades for existing buildings in Colorado and the surrounding region. Previously, Elmore managed solar energy projects and programs at Elevate Energy in Chicago and led Business Development in the Renewable Energy Division of Christensen Electric in Oregon. Mat has a B.S. in Philosophy from Colorado College.



James Farrell is Co-Founder of Climate Change Investigation, Innovation and Investment Company LLC (CC3IC). He is a successful entrepreneur with a background in engineering and business. He co-founded CC3IC with Emma Farr Rawlings to search for, invest in and guide breakthrough innovations to stop man's contribution to climate change. Farrell founded f'real Foods and has a B.S. and M.S. in Engineering from Cornell and an MBA from Harvard. CC3IC focuses on breakthrough energy sources at the edge of non-carbon energy science. Current non-carbon energy sources - solar, wind, are not enough to turn the CO₂ tide. CC3IC's search for new non-carbon energy breakthroughs to invest in is driven by this simple, inescapable fact.



David Fenton is Chairman of Fenton Communications, the agency he founded in 1982 to create communications campaigns for the environment, public health and human rights. Fenton leads the agency's Climate practice, while also contributing to NGO, foundation, government and corporate responsibility clients. *The National Journal* called Fenton "the Robin Hood of public relations," while *PR Week* named him "one of the 100 most influential PR people." Some of his best-known campaigns include aiding the rise of MoveOn.org, stimulating organic food sales, a decade representing Nelson Mandela and the African National Congress, saving swordfish from extinction with top chefs, running Yoko Ono's campaign which successfully stopped fracking in New York, working with Al Gore and the United Nations on climate change, and public health campaigns against tobacco and toxic chemicals.



Michael Fitzpatrick is a musician, hailed by *The New York Times* as possessing "a sense of humor, virtuosity, and an ear for musical dialogue." Fitzpatrick is the recipient of "The Prince Charles Award for Musical Excellence" conferred by H.R.H. the Prince of Wales and has collaborated with Nobel Peace Prize laureate The Dalai Lama for the past 18 years. Fitzpatrick has performed as a soloist at the Hollywood Bowl, Lincoln Center, Aspen Music Festival, the United Nations, among others. He is the Music Director of the Muhammad Ali Humanitarian Awards. An alumni of the Aspen Institute's Global Initiative on Culture and Society. He is the Founder and Artistic Director of the Millemont Music Festival / EARTH'S CALL.



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Michael Fitzpatrick is a musician, hailed by *The New York Times* as possessing "a sense of humor, virtuosity, and an ear for musical dialogue." Fitzpatrick is the recipient of "The Prince Charles Award for Musical Excellence" conferred by H.R.H. the Prince of Wales and has collaborated with Nobel Peace Prize laureate The Dalai Lama for the past 18 years. Fitzpatrick has performed as a soloist at the Hollywood Bowl, Lincoln Center, Aspen Music Festival, the United Nations, among others. He is the Music Director of the Muhammad Ali Humanitarian Awards. An alumni of the Aspen Institute's Global Initiative on Culture and Society. He is the Founder and Artistic Director of the Millemont Music Festival / EARTH'S CALL.



Maggie L. Fox is a consultant serving organizations, communities, foundations and other philanthropic endeavors in their efforts to develop and implement climate change and clean energy strategies. She is past President and CEO of the Climate Reality Project (501c3) and the Climate Action Fund (501c4),

nonprofit organizations with campaigns in the U.S. and around the world that engage, empower and assist citizens to become leaders driving global change. Along with Vice President Al Gore, she has led multi-day trainings for thousands of climate leaders in locations as diverse as Beijing, Jakarta, Istanbul, Johannesburg as well as San Francisco, Nashville and Chicago in the United States. She and her husband, Mark Udall, live in Eldorado Canyon, Colorado. They have two children.



Leigh Francia is Officer of bridgeUSA. She is a freshman at the University of Colorado Boulder majoring in Political Science. Francia is passionate about politics, productive discourse, and the betterment of the human condition. In her free time she enjoys being outside, singing, and going to museums.



Michael B. Fuller, AIA is the Principal Architect at Michael Fuller Architects. He is known for the ability to bring elegance and harmony to his designs while maintaining a career-long commitment to environmental sustainability. He's been responsible for the design/construction of commercial, residential and hotel projects, project development and

land planning for real estate development for 20 years. He designed the first LEED residence in Colorado, the first straw bale house in Aspen, and co-designed the award-winning Inn of the Anasazi. He's received numerous recognitions: the AIA Architectural Design Award, multiple 'Home of the Year' awards, the Architectural 100, and named to Western Interior's "Gold List," *Mountain Living's* "Best of the West," with projects featured in *Architectural Digest*, *Conde Nast Traveler* and on the Discovery Channel.



Daniel Fung is the 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.



Bern Gallagher is President for PVI. An Electrical Engineering graduate of Drexel University, Gallagher began his career in Planning, Design and Construction at Robert Lamb in Valley Forge, then Electrical Engineering at Kling Lindquist, a Philadelphia A&E firm. Gallagher moved to the client side at Primestar, then QVC where he drove the growth and expansion of the

critical systems as an emerging need within the 7x24 industry. Comcast called on Gallagher in 2007 to help with their critical infrastructure planning and design. There Gallagher started working with direct current, the reliable platform that supports Comcast across over 2000 sites. Gallagher purchased PVI and has continued to serve the critical infrastructure and technical builds industries. PVI has offices in Littleton, CO, Norcross, GA and West Chester, PA.

BIOGRAPHIES



James Gaspard is a Co-Founder of Biochar Now and servers as its Executive Vice President of Business Development.

He has a Bachelor of Science in Political Science with High Honors from Texas A & M University and also J.D. and MBA degrees with honors from the University of Texas. His sales talent to close large transactions in several diverse industries has highlighted his career. Biochar Now has successfully tested its product over that last several years with large potential customers in multiple markets. The Company is now aggressively expanding to service those potential markets.



Richard C. Goodwin is a builder and philanthropist, born in Philadelphia and graduated from Drexel University with a B.S. in Commerce and Engineering.

After graduating, he worked with his brother and father for Goodwin Enterprises, which built over 5,000 homes and apartments and developed 15,000 lots. He became the owner of the company in 1974. Goodwin has served as President of the local and state Home Builder's Associations, and as Vice President of the National Association of Home Builders. He is the "benefactor" of the Richard C. Goodwin College of Professional Studies at Drexel University, was elected into the "Drexel 100 Club," and received an Honorary Doctorate in Humane Letters from the University. Goodwin founded the Middle East Peace Dialogue Network that supports over 45 Israeli and Palestinian groups to promote peace. He is also supporting Aspen Community Office for Resource Efficiency (CORE) to make Snowmass Village the friendliest and greenest village in America.



Bob Gough is Secretary of the Intertribal Council On Utility Policy.

He co-chaired the national Native Peoples Climate Workshops, participated in several COPs as part of the Indigenous Peoples delegation, and contributed to the National Climate Assessment for the Great Plains and the Indigenous Peoples chapters. Gough contracted with the Wind Powering Native America Initiative, served on the WGA's Clean and Diversified Energy Advisory Committee, and co-directs the Intertribal COUP initiatives in building tribal sustainable homeland economies based upon efficiency and renewable energy. The COUP plan for 1,000 megawatts of intertribal wind in South Dakota was recognized with the inaugural World Clean Energy Award for Courage, in Basel, Switzerland and was recently announced as a Clinton Global Initiative commitment. He currently serves as a visitor on climate issues to UCAR/NCAR.



Vanessa Green is Director of Divest Invest Individual and a seasoned campaign leader.

With the Divest Invest Pledge, she has executed collaborative strategies to engage 50,000 individuals as investors in the new economy committed to withholding and/or withdrawing assets from the fossil fuel industries driving climate change. Green has played lead roles with Rainforest Action Network, Clean Water Action, the National Diesel Clean-Up Campaign, the Campaign for Safe Cosmetics, and the Boston Cyclists Union. She holds dual Masters degrees in Social & Political Ethics from Utrecht University and the Norwegian School of Science and Technology.



Geoff Greenfield is President of Third Sun Solar.

He received his B.S. in Political Science from Miami University and a Master's in International Development with a focus on project administration from Ohio University. He was a member of the inaugural North American Board of Certified Energy Practitioners (NABCEP) certification in 2003 and successfully renewed his credentials in 2006 and in 2009. Before entering the renewable energy sector, Greenfield's background included affordable housing development, nonprofit management and business administration. He is proud to have served in the U.S. Peace Corps, building water systems in Central Africa. Greenfield is a sought after public speaker, a consultant to investment firms in the clean technology sector, and lives in a solar and wind powered home.



Vanessa Grellet is CEO for CarePrint,

an innovative Wealth Management firm. Grellet is a Global Executive with 15 years of expertise in the Financial Services industry. Prior to that she was a key member of PwC's global wealth management team and served as a corporate strategy executive for the NYSE.

She chairs the Nexus Working Group on Impact Investing, dedicated to educating, empowering, and connecting Next-Gen impact investors, philanthropists, and social entrepreneurs. She is an Advisory Board member of the Hult Prize Venture fund, a Milken Institute Young Leader and a Young Leader Board member of the Off the Record lectures series (OTR) affiliated with the Foreign Policy Association. She is a Partner at Acumen and the Co-Founder of Coda, an innovation and cross-cultural exchange platform for innovators, located in emerging countries.



Dr. Ólafur Ragnar Grímsson is currently serving his fifth term as President of the Republic of Iceland.

President Grímsson became the first professor of political science at the University of Iceland, then took a seat in Althingi, the legislative assembly, and, from 1988 to 1991, he served as Iceland's Minister of Finance. During his Presidency he has emphasized sustainable management of natural resources to control climate change, advocating the use of geothermal energy, and he has been a spokesman of international cooperation both in the Arctic and the Himalayas. President Grímsson has spearheaded the Arctic Circle which has held its annual Assemblies in Iceland since 2013 with over 1,500 participants from more than 40 countries. President Grímsson has lectured at universities in many countries, and he has received many international awards.



Janice Hall is President of Natural Network International (NNI)

A business development, marketing and trends forecasting company, specializing in market intelligence, branding and strategic management. Hall has decades of pioneering experience with natural health, organic, environment and sustainability policy, and products. Additional expertise includes environmental sciences, climate change and supply chain issues. Previously she served as Director of International Development and Associate Group Publisher for New Hope Network, the international communications leader in the natural products industry. Key leadership for international events spanning three continents includes: the Natural Products Expos, the Citizens

Summit at the 1992 Earth Summit in Rio de Janeiro, Mayors for Peace, UN events. Hall consults with the American Renewable Energy Institute (AREI) for Business Development & Marketing and is on the Board of the Environmental Education Fund.



Mike Hart is the President and CEO of **Sierra Energy**, a company committed to reducing global greenhouse gas, which he founded in 2004. The company is taking its unique technology converting any form of waste to clean energy to communities around the globe. He was named a "Champion of Change" by the Obama Administration and an "Environmental Hero" by the E.P.A.



Dr. Carrie Besnette Hauser is the President and CEO for Colorado Mountain College (CMC). She has been a senior executive

at the Kauffman Foundation, Metropolitan State University of Denver, and the Daniels Fund. Hauser has held research and legislative staff roles with Western Interstate Commission for Higher Education and the University of Arizona. She is past board President of the National Scholarship Providers Association. She received gubernatorial appointments to Colorado's Blue Ribbon Commission on Health Care Reform and the Colorado Commission on Higher Education, and a mayoral appointment to Denver's Justice Center Taskforce. Hauser was recognized as "Colorado's 9News Leader of the Year," one of "Fifty for the Future of Colorado," and the "Outstanding Coloradoan Award." She earned her Master's and Ph.D. from UCLA and is a graduate of the Advanced Management Program at the Wharton School of Business.



Randy Hayes is the Executive Director of **Foundation Earth**. Hayes was described in the *Wall Street Journal* as "an environmental pit bull." He is Executive Director at Foundation Earth – rethinking a human order that works within the planet's life support systems. As a former filmmaker and Rainforest Action Network Founder, he is a veteran of high-visibility corporate accountability campaigns advocating for the rights of indigenous peoples. He served seven years as President of The City of San Francisco Commission on the Environment, and as Director of Sustainability in the office of Oakland Mayor Jerry Brown (now governor). As a wilderness lover, Hayes explores the High Sierras, Canadian Rockies and the rainforests of the Amazon, Central America, Congo, Southeast Asia, Borneo, and Australia. He is a special advisor to the World Future Council and the Million Acre Pledge.



Josh Herlands focuses on investing in renewable energy and infrastructure projects and platforms at **ORIX USA**. ORIX USA is the U.S. subsidiary of ORIX Corp., a publicly-traded investment firm (NYSE: IX). Herlands has spent the past 10+ years in renewable energy finance, law, and project development. Prior to ORIX, he worked with a boutique investment and

advisory firm focusing on energy projects, as well as a venture investment firm that funds renewable energy development across the U.S. Herlands began his career in the Power and Project Finance group at Lehman Brothers. Herlands holds a J.D. from the Harvard Law School and B.A. and M.A. degrees from Stanford University.



Rev. Mitchell Hescox, President of the **Evangelical Environmental Network (EEN)**, speaks nationally on creation care, clean energy, and climate change. EEN represents over 2 million pro-life Christians who have taken action in support of a clean energy future. Hescox co-authored *Caring for Creation: The Evangelical's Guide To Climate Change and a Healthy Environment* published by Bethany House with meteorologist, Paul Douglas, wrote numerous articles, and contributed to *Sacred Acts: How Churches are working together to Protect Earth's Climate*. He has testified before Congress, spoken at the White House, The Council for Foreign Relations, appeared on CNN, NPR, PRI, MSNBC, and both Christian and secular radio. Prior to EEN, Hescox pastored a local church for 18 years, and before ordained ministry served the coal and utility industry as Director, Fuel Systems for Allis Mineral Systems.



Katie Hoffman is the Co-Founder and Managing Partner of **Resco, LLC**, an advisory firm that accelerates investment opportunities for climate innovation. She is an entrepreneur and investor focused on expanding companies and projects dedicated to social and environmental impact. Hoffman is also managing partner for Etho Capital, a financial services

company that uses smart sustainability to drive superior returns for a broad spectrum of investors. Hoffman played an integral role in passing policies that influenced the University of California, CalPERS and CalSTRS, to shift billions of dollars toward sustainable investments. She is currently an Entrepreneur in Residence at the California Clean Energy Fund, where she is focused on expanding collaborative investment opportunities to accelerate the transition to 100% clean energy.



Katie M. Hoffner is the Senior Vice President of Strategy for **Prieto Battery, Inc.**, a revolutionary 3D advanced Li-ion battery technology. Hoffner plays a pivotal role in shaping Prieto's strategic direction with OEMs and investors, including their most recent infusion of funds from Intel Capital and Stanley Black & Decker. Hoffner also stewarded the process for the first solar Feed-in Tariff policy passed in Colorado and helped host the first ever Hydrogen Energy Expo in Denver. Hoffner is a 4th-generation Coloradoan and grew up on the back of a horse. Her education includes an MBA from the American Graduate School of International Management (Thunderbird) and a B.A. dual degree from Sweet Briar College, where she graduated Magna Cum Laude and Phi Beta Kappa.



Dr. Jennifer Holmgren is CEO at **LanzaTech**, and has over 30 years of experience in the energy sector. Prior to joining LanzaTech, she was VP and General Manager of the Renewable Energy and Chemicals business unit at UOP LLC, a Honeywell Company. Dr. Holmgren holds a B.S. Degree from Harvey Mudd College, a Ph.D. from the University of Illinois at Urbana-Champaign and an MBA from the University of Chicago. She is the author or co-author of 50 U.S. patents and 20 scientific publications. In 2015 she was awarded the BIO Rosalind Franklin Award for outstanding work in the field of biotechnology. She currently serves on the boards of The National Renewable Energy Laboratory (NREL) Biofuels Advisory Committee and EcoMotors.

BIOGRAPHIES



David Hornbacher is the Director of Utilities and Environmental Initiatives, City of Aspen. He has worked in the Colorado Utilities sector for over 30 years and joined the City of Aspen in 2010. He is responsible for water and electric operations, hydroelectric production, environmental health and sustainability, climate action, and conservation/efficiencies programs for the City of Aspen. In 2015, Aspen Utilities achieved a 100% renewable energy portfolio. Previously, Hornbacher was the New Business Manager for Xcel Energy and on the "Smart Grid City" implementation team. Hornbacher has held roles at the Colorado Springs Utilities and City of Longmont. He holds a Bachelor's Degree from the Colorado State University and sits on the Boards for CORE (Community Office for Resource Efficiency), CAMU (Colorado Association of Municipal Utilities), and MEAN (Municipal Energy Agency of Nebraska).



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.



Jeff Horowitz is an Executive Producer for the upcoming climate change film *Time to Choose*, produced by Academy Award winning Director Charles Ferguson. He is also currently serving as a Co-Executive Producer for the Emmy Award winning TV series, *Years of Living Dangerously* (focused primarily on deforestation stories). Horowitz has collaborated on television projects for "PBS NewsHour," VICE, the Weather Channel, and Germany's ZDF Television. He is a contributor to the *Huffington Post* and *The Guardian*. Horowitz is also the Founder of Avoided Deforestation Partners, a global network of prominent leaders dedicated to advancing climate and deforestation policies. ADP has become internationally recognized for facilitating partnerships between major corporations and governments to produce agricultural commodity supply chains that are deforestation-free.



Stephen Katsaros is Founder of Nokero Solar and an inventor, entrepreneur, mechanical engineer, and US Patent Agent. In 2010, he invented the first solar light bulb to revolutionize life for the 1.3 billion un-electrified people worldwide, who burn a combined \$38 billion of kerosene for light each year. His company, Nokero (short for 'no kerosene') is a for-profit company headquartered in Denver, Colorado. Since launching in mid-2010, Nokero has delivered over one million solar lights to over 120 countries. For this work, Purdue University awarded Katsaros the "2012 Outstanding Mechanical Engineer Award," and Nokero received the United States Patent and Trademark Office's "Patents for Humanity" Award in 2013.



Brandon Hurlbut is Co-Founder and Partner of Boundary Stone Partners. He previously served as Chief of Staff and Deputy Chief of Staff to Secretary Steven Chu at the U.S. Department of Energy, where he managed the Department's principal initiatives and oversaw day-to-day operations of a federal agency with a \$29 billion budget and a 115,000 person workforce. Hurlbut provided leadership and counsel to the White House and Cabinet Secretaries during high profile challenges including the Fukushima nuclear accident in Japan, the Gulf oil spill, and Hurricane Sandy. He served on the board for DOE's \$38 billion investment fund in clean energy, which is the largest of its kind in the world. Hurlbut currently serves on the following advisory boards: GE Energy, DuSable Capital Management, California Global Innovation Exchange, and The Solutions Project.



Patrick Kearney is a Co-Founder of bridgeUSA. He is a graduate of the University of Notre Dame, and has degrees in Political Science and Constitutional Studies. He has spent time in Washington D.C., working with the Heritage Foundation and a number of libertarian economic think tanks. He currently works full-time with bridgeUSA, and plans on returning to university in the fall of 2017 to pursue a Ph.D. in political philosophy.



Lucy Kessler is Communications Manager at the Community Office for Resource Efficiency (CORE), in Aspen, Colorado. CORE works with individuals, businesses, utilities and municipalities to create measurable improvements in energy and water conservation. Kessler served as co-leader for the Roaring Fork Valley Citizens Climate Lobby chapter, was on the steering committee for a carbon tax ballot initiative for the Town of Carbondale, and served as the Colorado co-chair for the Energy and Environment Team for the Obama Campaign in 2012. She is a graduate of Colorado College and is a Master of Environmental Management Candidate at the Yale School of Forestry and Environmental Studies.



Jennifer Jenkins is Executive Director of the Distributed Wind Energy Association (DWEA). Jenkins has over ten years' experience in the wind industry including her tenure at Southwest Windpower in their Government Affairs department. In this role, she was an integral part of the team that successfully sought passage of the Federal 30% tax credit for small wind systems. In her current role, Jenkins works directly with members, stakeholders, and policy makers to find opportunities to grow the distributed wind market. Jenkins earned her B.S. in Environmental Science with an emphasis on policy and public administration from Northern Arizona University and is the 2012 recipient of the Women of Wind Energy's Rising Star award.



Joanie Klar Bruce is a social architect, media producer, and speaker and has lived on four continents in many tribal cultures for more than half of her life. She has spent many years living in the Islamic world (Indonesia, India, Nepal, Thailand) and has worked on projects that support sustainable development, empowering women, indigenous people, health and experiential education. Her educational studies were in political and environmental sciences, business, design, architecture, holistic health

and languages. She was a founding board member of the International Bamboo Foundation in Bali and pioneered an IBF program in Timor to support peace and security through their sustainable weaving and carving skills with technical assistance and micro finance solutions working with Moslem, Hindu and Christian tribal villages.



Harry Kloor Ph.D., is a filmmaker, scientist, educator, inventor, entrepreneur, ghost hunter, and professional trouble-maker. In 1994 Kloor was named, "ABC World News Person of the week" for earning the unique status of being the first and, still to date, the only person in the world to simultaneously earn two Ph.D.s. His degrees are in Physics and Chemistry. His many Hollywood credits include creating the series *Earth Final Conflict*, writing, producing and/or directing for *Star Trek Voyager*, *Godzilla*, *Quantum Quest*, *ILL Wind*, and *Carson of Venus*. Kloor is presently the CEO and Founder of Jupiter 9 Productions, Loarz Inc, Founder and CSO of Caricord, CSO of AGI, a Bold Innovator for the XPRIZE Foundation, and a Board Member of the Brain Mapping and Therapeutics society.

Kevin Knobloch serves as Chief of Staff at the U.S. Department of Energy where he directs the Office of the Secretary and helps oversee the federal agency. Knobloch has more than 37 years of experience in public policy, government, advocacy and media. Prior to joining the DOE he was the President of the Union of Concerned Scientists (UCS), leading the science-based organization's strategic, analytical, legislative, and policy functions. Prior to that, he was Legislative Director for arms control and national security for UCS in its Washington office, served as Legislative Director to U.S. Senator Tim Wirth and was Legislative Assistant to U.S. Representative Ted Weiss of NY. Knobloch holds a B.A. from the University of Massachusetts Amherst and a Masters in Public Administration from Harvard University's John F. Kennedy School of Government.



Mike Korchinsky is Founder of Wildlife Works and established Rukinga Sanctuary on 80,000 acres of land in South East Kenya to prove that wildlife conservation can attract sustainable development opportunities to rural communities. At the base of the sanctuary Korchinsky built an eco-factory to produce casual apparel. Over the last decade, over 300 local jobs have been created from his conservation and fashion businesses, bringing countless families out of poverty and unemployment. As a result, the local wildlife has been flourishing; elephants, one of the many protected inhabitants of the sanctuary, have been coming back at a rate of 2-4% each year. Korchinsky is constantly traveling the world to identify areas where the Wildlife Works model can be duplicated.



John Kostyack is the Executive Director of the Wind Energy Foundation (WEF), a nonprofit education and advocacy organization based in Washington, D.C. Since Kostyack's arrival in September 2014, WEF has recruited, trained and mobilized hundreds of business voices from around the country to tell the exciting story of renewable energy and to advance renewable and climate change policies. WEF is also mobilizing young

Americans to promote renewable energy in social media and working with farmers, county commissioners, and others to promote wind energy's role in revitalizing rural America. Prior to arriving at WEF, Kostyack worked for twenty years at the National Wildlife Federation, most recently as Vice President of Wildlife Conservation. Before that, he spent six years in private law practice and two years with the federal judiciary.



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 a number of 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.



Celinda Lake is President of Lake Research Partners. She is a prominent pollster and political strategist for progressives. Lake's polling and strategic advice has helped candidates defeat incumbent Republicans and her expertise guided Senator Mark Begich to victory. She has focused on women candidates and women's concerns, having worked for Speaker Pelosi, Governor Janet Napolitano and Senator Debbie Stabenow just to name a few. Lake worked for the largest independent expenditure to take back the House and has been a key player in campaigns launched by progressive groups. Lake co-authored the book *What Women Really Want* with Republican pollster Kellyanne Conway and she also served as pollster for Senator Joe Biden's 2008 presidential bid. Her work has helped redefine language on the economy, inequality, big money in politics, climate change, public schools, teachers, and criminal justice reform.



Osprey Orielle Lake is the Co-Founder and Executive Director of Women's Earth and Climate Action Network (WECAN). She works internationally to promote resilient communities and foster a post-carbon energy future, while also addressing societal transformation. She is Co-Chair of International Advocacy with the Global Alliance for the Rights of Nature and designs the curriculum and co-teaches WECAN's national and international climate trainings. Lake advocates with the UNFCCC Women and Gender Constituency and directs WECAN's advocacy work in programs such as Women for Forests, Tar Sands Campaign, 100% Renewables and United Nations forums. She is author of the award-winning book, *Uprisings for the Earth: Reconnecting Culture with Nature*.

BIOGRAPHIES



 **Robert Lavia** is Chairman and CEO of Dakia Global, LLC, an international management holding company with a focus on germinating and holding Impact Investments that deliver robust profitability. Dakia Global has a unique ability to bring together some of the world's leading brands in hospitality, tourism, energy, technology, infrastructure, and capital while ensuring the

target market is the beneficiary of significant and quantifiable economic, social and climate impact. Projects in active stages are located in Mexico, Haiti, Cuba, Colombia, and United States with interest in excess of \$1.25 Billion. Project brands include Marriott Vacation Club, Sunwing Travel, Hyatt Hotels, MGM, and others. Prior to Dakia Global, Lavia served as Chief Investment Officer for Veremonte, a London based investment Management Company, with over \$1.0 Billion AUM at peak



 **Marjorie Layden** is on the Board of Directors for the American Renewable Energy Institute (AREI). She is based out of Montecito, California. Layden serves as Chair of the Henry Schimberg Foundation for Ethics and Leadership, whose mission is to foster a strong sense of personal and business ethics among future leaders by investing in education, publications, and civil dialogue. In partnership with her late husband, Henry A. Schimberg, she has permanently endowed and continues to support the University of California at Santa Barbara seminar, "Ethics, Enterprise and Leadership," which is designed to engage undergraduate students in the study of ethics and philosophical debate. Layden is a Board Member for Salzburg Global Seminar as well and she is involved with a number of nonprofits focused on mindfulness, including The Dalai Lama Peace and Development Foundation.



 **Lloyd Lee** is CEO of NATiVE. Lee was born and raised in Texas and has lived in the Central Texas area since 1992. Lee worked in construction during college, which spurred his interest in building. After graduating with a degree in Industrial Technology from Southwest Texas University, Lee worked in the high tech industry and gained an appreciation for using new technologies to solve old problems. His passion for building and interests in technology led him to pursue an active role in sustainable construction and renewable energy system integrations. Lee founded NATiVE in 2007 with the goal of building homes that accommodate all of their energy and water needs native to their site. NATiVE has since received recognition in national construction and solar publications for its unique resource conserving projects.



 **Brook LeVan** is Co-Founder and Director of Sustainable Settings. LeVan lectures, writes and organizes community-based solutions and events on re-localized sustainable food and energy shed systems through the Demeter Certified Biodynamic working ranch and Whole Systems Learning Center. He holds his diploma in Permaculture and is a green development, Biodynamic, Permaculture, Holistic Management, sustainable agriculture, and native riparian systems consultant. LeVan writes the "Food for Thought" column for Edible Aspen, is founding Board member of the Thompson Divide Coalition, and is on the Board of Grassroots TV. He received a Fulbright Research Fellowship for research on sustainable human settlement in Ghana, A Durfee Foundation Fellowship for an expedition navigating the Yellow River in China, National Endowment for Humanities, and a Pollock-Krasner Foundation Fellowship.



 **Ken Losch** is a founding member and CEO of ZHRO Power and ZHRO Solutions who are collectively focused on commercializing a suite of "green" technologies for use in the heavy truck transportation, stationary power generation and oil and gas markets. In addition, Losch has more than 25 years of real estate development experience in both the United States and Canada. His companies have collectively purchased, developed, constructed, financed, and property managed close to 10,000 units and 2,000,000 square feet of commercial space, totalling more than \$2.0 billion in aggregate value for their direct account. Losch is also a founding board member of the TRACares Foundation.



 **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*.



 **Erica Mackie** is the CEO and Co-Founder of GRID Alternatives, the nation's largest nonprofit solar installer. She started the organization with Co-Founder Tim Sears in 2001 while working as a professional engineer implementing large-scale renewable energy and energy efficiency projects for the private sector.

Their vision was to make these technologies available to low-income communities that need the savings and jobs the most, but have the least access. Mackie has received numerous awards for her leadership of GRID, including the Governor's Environmental and Economic Leadership Award in 2008, the New Leaders Council Energy Leadership Award in 2009, the James Irvine Foundation Leadership Award in 2010, the US Green Building Council's Green Building Super Hero Award in 2010, and the 2013 Clean Energy and Empowerment Award from C3E.



 **Bernard MacMahon** is a British Film Director and Writer based in Los Angeles. He is a member of the Directors Guild of America, the Writers Guild of America, the Sundance Institute, the International Documentary Association, and the Co-Founder of Lo-Max Films. MacMahon is the Director, writer and creator of the three films comprising the highly anticipated

BBC/PBS trilogy *American Epic*, and *The American Epic Sessions* musical documentary. These have gained "Official Selection" status and received critical acclaim at prestigious film festivals around the world, including Sundance, SXSW, the British Film Institute's London Film Festival, and Sydney Film Festival among others. He is co-author of a forthcoming companion book on Simon and Schuster, and the producer of a series of music releases on Sony Music.



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.



Bill Madsen is a Snowmass Village Town Council Member elected in 2014, who has a passion for protecting the environment and believes The Ice Age Discovery Center provides Snowmass with a platform to discuss climate change. Madsen has been responsible for creating and executing marketing programs and events in the snow sports arena for more than 25 years. He was accountable for the overall execution of NASTAR, (NAtional STandard Race) the world's largest recreational ski and snowboard race program at 110+ resorts across the country, created the NASTAR National Championships which hosts 1,000+ competitors annually and directed the development of a digital registration system that is used to time alpine ski races and to post results and rankings online.



Edward Maibach is a University Professor at George Mason University, and Director of Mason's Center for Climate Change Communication. Maibach's research – funded by National Science Foundation, NASA and private foundations – focuses on public engagement in climate change. Maibach recently co-chaired the Engagement & Communication Working Group for the 3rd National Climate Assessment. Maibach earned his Ph.D. in communication science at Stanford University and his M.P.H. at San Diego State University, and has previously served as Associate Director of the National Cancer Institute, Worldwide Director of Social Marketing at Porter Novelli, and Chairman of the Board for Kidsave International.



Damian Mander is the Founder and CEO of The International Anti-Poaching Foundation (IAPF). Mander served as a Special Operations Sniper and Clearance Diver in the Australian Defence Force. Whilst deployed in Iraq he Project Managed the Iraq Special Police Training Academy, overseeing training of up to 700 cadets at one time. Following 3 years on the frontlines of the Iraq war he departed in 2008 with no new direction in life. A trip to Africa left him face-to-face with the horrors that the world's wildlife is facing. Liquidating his personal assets from his time in the military, he founded the the IAPF which focuses on ranger training and front line solutions for conservation. Mander is a soldier turned anti-poaching crusader. A vegan, he resides with his wife Maria and son Leo in Southern Africa bush.



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,



Pete Maysmith is Executive Director of Conservation Colorado, the largest state-based environmental group in Colorado with over 8,000 members and 37 staff. Maysmith lead the formation of Conservation Colorado in 2013 by merging two of the state's leading environmental groups. The now merged group has seen a sevenfold increase in staff and budget since 2009 when Maysmith became Director. Over the course of his 25 year career in advocacy and politics, Maysmith has run state organizations and served on the senior staff of national organizations. In those capacities he has lobbied, organized, run campaigns, raised millions of dollars and hired and trained dozens of exceptional staff. After working for a number of years in Washington D.C., he moved back to his home state of Colorado in 1996.



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John McBride 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. He and his family founded the Sopris Foundation, which supports conservation, environmental stewardship and the preservation of family farms and ranches.



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William McDonough, FAIA, Int. FRIBA, is chair of the World Economic Forum's Meta-Council on the Circular Economy and a recognized leader in sustainable development. He advises leaders worldwide through McDonough Innovation, and is active with William McDonough + Partners, architects, as well as MBDC, a Cradle to Cradle® consulting firm.

McDonough is Co-Founder of the not-for-profit Cradle to Cradle Products Innovation Institute; and is co-author of *Cradle to Cradle: Remaking the Way We Make Things* (2002) and *The Upcycle: Beyond Sustainability—Designing for Abundance* (2013). McDonough has received many prestigious awards including the Presidential Award for Sustainable Development (1996), the first U.S. EPA Presidential Green Chemistry Challenge Award (2003), and the National Design Award (2004). In 2012, McDonough became the subject of Stanford University Libraries' first "living archive."



Allison McGourty is a Scottish film producer, writer and photographer based in Los Angeles and London. She is a member of the Writers Guild of America, the Sundance Institute, the IDA, and is the co-founder of Lo-Max Films. McGourty is the creator, producer, and writer of the highly anticipated BBC/PBS trilogy *American Epic*, and musical documentary

The American Epic Sessions. These have enjoyed critical acclaim and gained "Official Selection" status at prestigious film festivals around the world, including Sundance, SXSW, and the British Film Institute's London Film Festival among others. She is the co-author of a forthcoming book on Simon and Schuster, and the producer of a series of music releases on Sony Music. Prior to founding the Lo-Max group, her previous career was at the BBC, Reuters Television and Deloitte.

BIOGRAPHIES



Mark McGuffie leads partnership development for the International Union for Conservation of Nature (IUCN) World Conservation Congress, entitled "Planet at the Crossroads", convening for the first time ever in the United States on September 1, 2016 in Honolulu. The IUCN established in 1948 and is the world's largest global environmental organization. IUCN's work focuses on valuing and conserving nature, ensuring effective and equitable governance of its use, and deploying nature-based solutions to global challenges. The World Conservation Congress will be attended by up to 10,000 delegates from over 170 nations, offering a historic opportunity for governments, private philanthropy, and public/private partnerships to galvanize transformational environmental action.



Gueta Mezzetti is a Pentagon Energy Consultant specializing in energy security, technology strategy, and team building. She has brought primarily energy technologies to market for over 30 years for the Department of Defense, Department of Energy, NASA, Congress and companies. She is widely regarded as an expert on national security and electricity, DOD renewables/biofuels, and technology startups. She pioneered DOD's entry into clean/secure energy, designing and funding now well established offices and programs, was Technical Co-Chair, CNO Executive Panel on Energy Security, served on ACORE's DOD Advisory Committee, was founding member of Pentagon's Energy Security Executive Council, was Senior Strategic Advisor-Army, and advises the Navy and others. Mezzetti was an advisor to former Secretary of Defense James Schlesinger until his passing and continues to advise former DNI James Woolsey.



Steve Michelson is Executive Producer of Lobitos Creek Ranch. He has been the Executive Producer on many award-winning documentary films and built a career at the forefront of technology and media. He was Co-Founder and President of the San Francisco studio, One Pass, from 1975-85 before starting his own documentary production company in 1986. Michelson's company represents some 350 films on pressing and important environmental, social justice, sustainability and health issues. His workshop and course covers the success stories, the best practices, a tent pole strategy that applies to all films and a solid step-by-step checklist of how to make and release these films. Michelson is a graduate of the University of Pennsylvania where he attended The Annenberg School of Communications and the Wharton School of Business.



Dan Miller is Managing Director of The Roda Group, a Berkeley venture capital group he co-founded that is focused on cleantech. Miller is a board member of carbon capture company Inventys Thermal Technologies, energy storage company Gridtential, and water technology companies mOasis and Axine, all Roda Group affiliate companies. He was previously the president of Ask Jeeves, Inc., a former Roda Group affiliate company. Miller co-founded TCSI corporation, which became a leading provider of telecommunications software. Before that, he designed communication satellite payloads at Hughes Aircraft (now Boeing) Space & Communications. He received his B.S. degree from Cornell and his M.S. from Stanford. Miller is a leading advocate on the need to take urgent action to address climate change.



Doug Miller is a Senior Associate at Rocky Mountain Institute (RMI), pioneering the global energy transformation to efficiency and renewables by applying his expertise in environmental and behavioral economics to develop bold, collaborative market solutions. At RMI, he designs and convenes industry collaborations to scale clean energy investments—including Residential Energy+, that co-develops financial and social market interventions in partnership with industry leaders to socialize, monetize, and simplify homeowner investments in home energy upgrades—as well as develops solutions-focused thought leadership. Prior to joining RMI, Miller served as an interdisciplinary researcher at Chatham House, Imperial College London, Carbon Smart, the Wharton School of Business, the University of Pennsylvania, Oxford University, and other organizations across the environmental sector—receiving numerous academic honors and awards.



Paul D. Miller/DJ Spooky is the executive editor of *ORIGIN Magazine* 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.



Huang Ming is the Founder and CEO of Himin Solar Company Ltd., a global leader in solar thermal energy. He has played a central role in the passing of China's Renewable Energy Act of 2005, which resulted in China's government imposing a national renewable energy requirement that was expected to boost the use of renewable energy capacity by up to 10 percent by the year 2020. As a former engineer in the oil industry, Ming had the foresight to enter the renewable energy sector and created Himin Solar, the largest solar thermal product manufacturing company in China. Himin Solar's uniqueness is not just in technological innovation, but also in its massive application and demonstration in Dezhou's Solar City, one of the world's largest solar city development projects.



Ann Mullins is a member of the Aspen City Council. As a Landscape Architect and Urban Designer for over 35 years; her focus is on the built environment with a keen interest in urban resilience, especially with respect to climate change. Mullins graduated from Wells College, Aurora, NY with a B.S. in Mathematics and attained her Masters of Landscape Architecture from Utah State University, Logan, UT. In 1984 she Co-Founded Civitas in Denver, CO. From 2004 to 2007 Mullins was the Campus Landscape Architect for the University of Colorado at Boulder. She moved to Aspen in 2007 and is currently working with an emphasis on cultural and historic landscapes at her firm, wjmdesign.



Leilani Münter is a race car driver and environmental activist. She was named by Discovery's Planet Green as the "#1 Eco Athlete in the World." Münter has adopted an acre of rainforest for every race she has run since 2007. With a degree in Biology from the University of California at San Diego, she has travelled to the Gulf oil spill, to Japan to stop the dolphin slaughter (featured in the Oscar-winning documentary *The Cove*), and spoken to Congress on behalf of environmental legislation. Her racing accomplishments landed her in *USA Today*, *Vogue*, *Glamour*, and *Esquire*. *Sports Illustrated* named her one of the top ten female race car drivers in the world. Her motto is appropriate: "Never underestimate a vegan hippie chick with a race car."



Ken Neubecker works for American Rivers as the Associate Director of the Colorado Basin Program. He is the Environmental Representative on the Colorado River Basin Roundtable, and on Colorado Mesa University's Ruth Hutchens Water Center's Advisory Council. He has also served on the Governor's Forest Health Advisory Council and the Eagle County Planning Commission. Neubecker has been deeply involved with river and water issues for over 25 years, beginning with the proposed Homestake II trans-mountain diversion project in Eagle County. Neubecker teaches classes in Colorado Water and Watershed Science through Colorado Mountain College. Neubecker is a graduate of Lawrence University (B.A., Geology and Biology) and the University of Colorado (M.Ed.). He has also worked as a professional land surveyor, naturalist, wilderness and river guide, writer, photographer, teacher and organizer.

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Mona Newton is the Executive Director for Community Office for Resource Efficiency (CORE). She has worked in the public and private sectors promoting energy efficiency and renewable energy for over 20 years. CORE has developed numerous programs, including the country's first carbon tax. In addition, CORE helped launch AREDAY. Newton came to the Roaring Valley following five years at the Governor's Energy Office where she worked closely with local governments, for-profit and nonprofit organizations to advance energy efficiency and renewable energy policy. She has assisted emerging companies develop and implement programs for new technology markets. Newton received a M.A. from the Korbel School of International Studies at the University of Denver.



Jens Nielsen is Co-Founder and CEO of World Climate Ltd and a leading entrepreneur in the global strategic and sustainable space, having partners and clients from the absolute global elite among corporations, governments, international organizations, and media. He has worked in more than 20 countries performing strategy work for some of the largest companies in the world, and was a global industry leader in PricewaterhouseCoopers in the nineties. He managed more than 1,000 people during the global roll-out of the largest company within PR and communications, Cision, through the first part of this century.



David Orr, PhD is "Counselor to the President" Oberlin College and Paul Sears Distinguished Professor of Environmental Studies & Politics, Emeritus. He is the author of eight books, including, *Down to the Wire: Confronting Climate Collapse* (Oxford, 2009). His eighth book, *Dangerous Years: Climate Change and the Long Emergency* will be published by Yale University Press in 2016. He has authored over 220 articles, reviews, book chapters, and professional publications. In the past twenty-five years he has served as a board member or adviser to ten foundations and on the Boards 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, and the WorldWatch Institute, and founder and Chair of the Board of the Oberlin Project.



Robert M. Perkowitz is founder and president of ecoAmerica, a non-profit that "starts with people" and uses consumer research and strategic partnerships to build institutional leadership for climate and sustainability solutions in America. ecoAmerica's current research includes the American Climate Values 2014, and Communicating on Climate: A Guide. ecoAmerica programs include The American College & University Presidents Climate Commitment; Princeton Review's Green College Honor Roll; Nature Rocks; and the Sustainable Education and Economic Development (SEED) Center. With support from the MacArthur ecoAmerica is currently launching the MomentUs initiative, which support institutional commitments and collective action for climate solutions. MomentUs programs include: Blessed Tomorrow, Climate for Health, Solution Generation, and Path to Positive: Communities.



Mike Phillips is the Executive Director of the Turner Endangered Species Fund (TESF) and Turner Biodiversity Divisions (TBD). He has been leading the Fund and Biodiversity Divisions since Ted Turner founded both in 1997. They now stand as the world's most significant private effort to conserve biological diversity. Prior to TESF and TBD Phillips worked for the U.S. Fish and Wildlife Service leading the historic effort to restore red wolves to the southeastern U.S. and for the National Park Service in the historic effort to restore gray wolves to the Greater Yellowstone Ecosystem. He was elected to the Montana legislature in 2006 and will serve as a state senator through December 2020. In 2009 Phillips was invited by the White House to work with the administration and the U.S. Senate on energy and climate change legislation.



T. Boone Pickens is the founder of BP Capital. He launched a self-funded \$100 million campaign in 2008, working with the Sierra Club, to promote the "Pickens Plan," an energy policy aimed at reducing America's reliance on OPEC oil. He has spent the last 35 years lobbying presidents and legislators to formulate a comprehensive energy plan for America. Pickens has worked to develop businesses focused on clean energy alternatives to fossil fuels, including Clean Energy Corp. Financial World named Pickens "CEO of the Decade," Oil and Gas Investor listed him as one of the "100 Most Influential People of the Petroleum Century" and Time magazine has identified him "one of its 100 most influential people." He is an active philanthropist, donating \$1 billion for medical research, athletics, academic projects and energy independence efforts.

BIOGRAPHIES



Gregory Pickrell, AIA, LEED AP is a member of the American Institute of Architects and a LEED AP (Leadership in Energy and Environmental Design Accredited Professional). He is Principal/Owner of Sci Art Inc., which for the last 20 years has contributed to a variety of residential and commercial projects with an emphasis on site and building design. He is also a Principal/Owner in a California-based family real estate and investment company. Prior to moving to Colorado in 1991, Pickrell spent 16 years working in the motion picture and television industry as a set designer, art director and production designer on such films as *Blade Runner*; *Three Amigos*; and *Twilight Zone: The Movie*. He currently serves as Vice President of the board of Compass for Lifelong Learning, a Roaring Fork Valley nonprofit.



Conor Platt is the Co-Founding CEO and CIO of Etho Capital, as well as the Founder and CIO of Confluence Capital Management, which runs an all-weather, private investment partnership, Confluence Capital, LP. Previously Platt worked at Brown Brothers Harriman on the Portfolio Strategy team upon completing his MBA at the Tepper School of Business at Carnegie Mellon University. He was an analyst at Morgan Stanley in New York after receiving his B.S. in Finance with honors at Carnegie Mellon University.



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. Dr. 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.



John Powers is the Founder and Board President for Alliance for Sustainable Colorado, a nonprofit formed to keep the planet habitable through collaboration and its LEED Dynamic Plaque certified Alliance Center in Denver, which licenses office and meeting space to sustainability organizations. Powers is driving the conversion of The Alliance Center from alternating to direct current in order to capture, measure and demonstrate the energy efficiency possible through microgrids in commercial building, and accelerate adoption of renewables at utility scale to help meet the goals set in Paris for reductions of greenhouse gas emissions. Powers is a board member of Conservation Colorado and the Educational Foundation of America, and the instigator of the Colorado Funders' Environmental Affinity Group.



Louie Psihogios directed *Racing Extinction* and *The Cove* and is the Executive Director of Oceanic Preservation Society (OPS). He is regarded as one of the top photographers in the world. He founded OPS in 2005, with the goal of helping the public and media observe the beauty and destruction of the oceans, and motivating the world to action. He was hired after college to shoot for National Geographic and worked there for 18 years. An ardent diver and dive photographer, he has worked for *Fortune Magazine* and shot hundreds of covers for magazines including *Smithsonian*, *Discover*, *GEO*, *Time*, *Newsweek*, and *The New York Times Magazine*. His work has aired on the Discovery Channel, National Geographic Television and the History Channel. His first film, *The Cove*, won an Academy Award for Best Documentary in 2010 and an Audience Award at Sundance.



John Quigley is an internationally known Artist, Producer, and Activist. As founder of Spectral Q his unique mix of human installation and aerial photography brings together communities to create large-scale messages for the common good. Focusing on themes of health, human rights, social justice, ecological balance, democracy, and freedom, his work strives to liberate the spirit and inspire unity through creative participation. He has created more than 200 Aerial Art images involving over 200,000 people on 7 continents. Recently he created the '100% Renewable Eiffel Tower Peace Symbol' in the aftermath of the Paris terror attacks during the UN COP 21 Climate Talks. The resulting images went viral on social media and landed on front pages around the world. He currently serves on the board of the Environmental Media Association.



Corie Radka is the Managing Partner and Co-Founder of Resco LLC, an advisory firm that develops innovative investment solutions to climate challenges. Radka has directed regional and statewide political and capital campaigns with AmeriCorps, Environment California, and the Public Interest Research Group. She has taught courses across the University of California, including her most recent course on community development at UC Berkeley. Radka is also Managing Partner with ETHO Capital, an investment management company focused on using smart sustainability to drive performance. Radka graduated from UC Santa Barbara with degrees in Environmental Science and Zoology, receiving the Chancellor's Award for her published research in the climate lifecycle analysis.



John Ramo, M.Ed. is founder of Boulder Learning and has over 35 years' experience in education entrepreneurship and educational technology. Ramo also founded and built a Washington D.C. based educational software company, and completed a successful IPO. In the 90's he worked with the Rocky Mountain Institute and was the founding CEO of Hypercar Inc. Recently, Ramo completed a successful merger of Digital Directions International (DDI), a company he also founded, and Boulder Language Technologies (BLT) to form Boulder Learning Inc. Boulder Learning is focused on transforming education through the research and development of conversational, emotionally intelligent virtual tutors and other advanced learning systems to help students succeed, especially struggling students.



Sally Ranney is Co-Founder and President of the American Renewable Energy Institute (AREI) and AREDAY, and Co-Founder of the International Women's Earth and Climate Action Network (WECAN). She is CEO of Stillwater Preservation LLC, a wetlands mitigation banking company and serves on the Patrons of Nature of the IUCN. Ranney is a founding board member of Intentional Investment Holdings (IIH) and on the executive board of the Climate Accountability Institute (CAI). 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 diligent 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.



Susan Reilly is a board member of the Wind Energy Foundation (WEF) and Past Chair of the American Wind Energy Association (AWEA). She has 20 years' experience in renewable energy in the U.S. and Europe, holding senior executive positions in global energy companies. Based in Colorado she was CEO of a leading U.S. wind development and construction business (RES Americas) and previously Head of Global Strategy for Scottish Power a global electric utility. Since coming to the U.S. in 2010 she has focused on encouraging business leaders, regulators and legislators to recognize the major role that wind energy can have in reducing carbon emissions quickly, cost effectively and at scale – and the role the U.S. could have in leading the world in reducing carbon emissions from the energy sector.



Greg Reitman is Founder of Blue Water Entertainment Inc., an independent production company focusing on environmentally conscious entertainment. He is widely regarded as Hollywood's "Green Producer," with works including *Fuel*, *Hollywood's Magical Island-Catalina*, and *Rooted in Peace*. He is currently developing: *The Roni Levi Story* and *Hawaii Boyz!: The Ventures Untold Truths*. Greg writes for The Huffington Post, has a radio internet show *On the Green Carpet*, and has been written up in *Movie Maker Magazine* as one of the top ten producers in the Entertainment industry making content that makes a difference in the world. Reitman is a graduate of the University of Massachusetts at Amherst, received a Masters in Creative Producing from The Jewish Federation Masters Program, and is an alumnus of the Hollywood Film Institute.



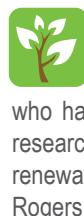
At AREDAY Richardson will explore the surprising policy implications of plunging wind and solar costs, missed by many. As these technologies increasingly compete with profits and without subsidies, pro-capitalist marginal tax rate cuts (think Reaganomics) become a suddenly relevant policy option, accelerating investment, driving down the cost of clean energy and technology. Promoting success over failure, Clean Tax Cuts can rapidly make subsidy and regulation policies irrelevant, as clean technologies win on price alone.



Rod Richardson serves as President of the Grace Richardson Fund, a private foundation pioneering new free market policy solutions designed to bridge the gap on major problems stuck in partisan gridlock. A free market optimist – and columnist for The American Spectator – Richardson brainstorms new capitalist planet-saving ideas such as Cleantech Tax Cuts & Clean Deregulation.



Bill Ritter Jr. is Founding Director of the Center for the New Energy Economy (CNEE) at Colorado State University. Governor Ritter was elected Colorado's 41st governor in 2006. During his four year term, Ritter established Colorado as a national and international leader in clean energy by building a New Energy Economy. After leaving the Governor's Office, Ritter founded the Center for the New Energy Economy at Colorado State University, which works with state and federal policy makers to create clean energy policy throughout the country. Governor Ritter has authored a book that was recently published entitled, *Powering Forward – What Everyone Should Know About America's Energy Revolution*.



Henk B. Rogers is Founder and CEO of Blue Planet Energy Systems. He is a Dutch-born entrepreneur and clean energy visionary who has dedicated the past decade of his career to the research, development, advocacy and implementation of renewable energy sources in his adopted home of Hawaii. Rogers studied computer science at the University of Hawaii and spent his early career in Japan as a video game designer, gaining distinction for producing the country's first major role-playing game, *The Black Onyx*. Rogers went on to revolutionize the video game industry by securing the rights for the blockbuster *Tetris*, which 30 years later remains a bestseller and global gaming icon. Most recently, Rogers founded Blue Planet Energy Systems and developed Blue Ion, a pre-packaged energy storage solution combining Sony's industry-leading battery technology with proprietary system architecture and energy management software.



Austin Rosenbaum is an MBA and BSEE student at the University of Denver, a Greentech Research Analyst, and was selected as an IEEE Power & Energy Society national scholar. He is the author of energy related works produced by the University of Denver and Zpryme, a research-based firm with services focused on the energy industry. His publications focus on emerging technologies and their utility applications. Rosenbaum has recently completed a program in electrical engineering from the University of Denver and has begun coursework to receive his MBA. He has worked on project development for utility scale solar installations which operate in community solar garden programs across the country. Aspiring to engineer and implement change that reduces deleterious carbon environmental impacts and refashions the ways energy is produced, transmitted, consumed and traded, Rosenbaum has a creative vision for the future energy landscape and smart cities.



William N. Ryerson is Founder and President of Population Media Center (PMC), an organization that strives to improve wellbeing of people worldwide through mass entertainment and media. He also serves as Chair and CEO of Population Institute in Washington, DC, which works in partnership with PMC. PMC creates long-running serialized dramas on radio and television, in which characters evolve into role models for the audience on such issues as family size decisions, use of family planning, and environmentally sustainable behaviors. Ryerson has a 45-year history of working in the field of population, including three decades of experience in use of social change communications in various cultural settings worldwide. Ryerson received a B.A. in Biology from Amherst College and an M.Phil. in Biology from Yale University.

BIOGRAPHIES



Jeffrey D. Sachs serves as Director of The Earth Institute, Quetelet Professor of Sustainable Development, and Professor of Health Policy and Management at Columbia University. He is Special Advisor to United Nations Secretary-General Ban Ki-moon on the Sustainable Development Goals, and previously advised both UN Secretary-General Ban Ki-moon and UN Secretary-General Kofi Annan on the Millennium Development Goals. Sachs is a world-renowned professor of economics, leader in sustainable development, senior UN advisor, bestselling author, and syndicated columnist whose monthly newspaper columns appear in more than 100 countries. He is the co-recipient of the 2015 Blue Planet Prize, the leading global prize for environmental leadership.



Gail Schwartz is a former Colorado State Senator with a distinguished legislative record building Colorado's New Energy Economy, diversifying and expanding Colorado's "all the above" energy portfolio. She is widely known as a champion for social justice and for tirelessly promoting the interests of rural Colorado. As a resident of the Roaring Fork Valley and the Western Slope for over forty years, Schwartz has dedicated herself to making Western and Southern Colorado the best possible place to live, work, raise a family, and educate our children. Her record bespeaks a lifetime committed to preserving Colorado's majestic environment, and protecting its water, natural resources, agricultural economy and building strong rural communities. Schwartz continues to serve Colorado through numerous nonprofit boards, consulting, and is currently a candidate for Colorado's 3rd Congressional District.



Larry Schweiger is President and CEO of PennFuture. He is an active community leader and has served on over 40 governing boards, commissions, and committees, including The Climate Reality Project, the H. John Heinz III Center for Science, Economics and the Environment, BlueGreen Alliance, and National Wildlife Federation Action Fund. He received the Citizens for Pennsylvania's "Future Visionary Award" for his leadership in raising awareness about the impacts of climate change and commitment to employing clean energy solutions. Schweiger was Pennsylvania's 2002 "Environmental Professional of the Year" and "Pittsburgher of the Year" in 2000, and he received a "Conservation Service Award" from the Christian Environmental Association. Schweiger's book on global warming and wildlife, *Last Chance: Preserving Life on Earth*, was awarded the "First Prize for Non-Fiction" by the Next Generation Indie Book Awards.



Stephen Scofield is the Director of Financial Industry Solutions, North America, and is a senior consultant to South Pole Group's institutional investor clients. In this capacity, he advises asset owners, managers, consultants, and other intermediaries on their approach to carbon accounting and risk management practices. Scofield is responsible for leading South Pole Group's business development and marketing initiatives within North America financial markets. Previously, he served in similar roles for market-leading sustainable investment consultancies and research providers, helping clients develop multi-asset class ESG integration programs. Scofield is a member of the Sustainability Accounting Standards Board (SASB) working group for stakeholder relations, and has been internationally active across several initiatives sponsored by the United Nations' Principles of Responsible Investment.



Tony Seba is a lecturer in entrepreneurship, disruption and clean energy at Stanford University, a serial Silicon Valley entrepreneur and a world-renowned thought leader and speaker. He is the author of *Clean Disruption of Energy and Transportation - How Silicon Valley Will Make Oil, Nuclear, Natural Gas, Coal, Electric Utilities and Conventional Cars Obsolete by 2030*. Seba's work focuses on technology-based market disruptions: the convergence of exponential technologies, business model and product innovations that are on the cusp of disrupting major industries such as energy, transportation, infrastructure, finance, manufacturing, food, and health care. Seba is an advisor to policy-makers, investors and corporations around the world. He holds an MBA from Stanford University Graduate School of Business and a B.S. in Computer Science and Engineering from MIT.



Joel Serface is Co-Founder and Managing Director of Catalyze, an intelligent renewable energy investment platform dedicated to massively scaling renewables globally. Joel has developed more than a gigawatt of renewable energy through Brightman Energy, served as the first Entrepreneur-in-Residence at NREL with Kleiner Perkins, and has created or invested into more than 20 cleantech companies since 2001.



John Rutherford Seydel III is a Trustee Elect for the Turner Foundation. He recently received his B.A. in Political Science from the University of Denver. He currently sits as an honorary board member for the Turner Foundation, which is committed to preventing damage to the natural systems - water, air, and land - on which all life depends. Seydel has worked with the campaigns and offices of Governor Hickenlooper and former Sen. Mark Udall of Colorado. While at DU he helped spearhead Divest DU, while also leading DU Solar, which is working to implement a 500Kw solar installation on the DU Hockey arena. Additionally, Seydel is the founder of Show Your Power LLC, a mobile application and political platform developed to assist, simplify and customize Americans' capacity to engage and communicate with their elected representatives.



Alyssa Shenk is a Snowmass Town Council member, elected by a unanimous vote of her fellow council members to fill a vacant seat in 2014. She was admitted to the Ohio Bar Association in 2002, has been involved in political campaigns since college graduation, was fundraising campaign manager for the Wexner Center for the Arts in Ohio, and now has lived in Snowmass Village for over ten years with her husband and children. Shenk serves her community in many ways, with particular interests in education and family.



Steve Skadron is the Mayor of Aspen, taking office in 2013. He serves as the President of the Colorado Association of Ski Towns and on the boards of RFTA and the ACRA. He is former Chair of CORE (the Community Office for Resource Efficiency) and an Adjunct Professor of E-Commerce in the Isaacson School of New Media at Colorado Mountain College. Skadron served six years on the Aspen City Council prior to his current position as Mayor. He is the founder of Spooner+Skadron an Aspen based Marketing Communication firm and recently completed all 26.2 miles of Aspen Backcountry Marathon. He's originally from St. Paul, MN.



Susan Skjei, Ph.D., is the director of the Authentic Leadership Center (ALC) at Naropa University. The purpose of the Center is to awaken leaders to their inherent human goodness and empower them to skillfully transform organizations and society. Over the last 25 years Susan has worked with thousands of leaders in the U.S., Canada and Europe to cultivate mindfulness and authenticity, strengthen relational skills, and effectively lead the changes they want to see in their organizations and in the world. Formerly a Vice-President and Chief Learning Officer in the technology industry, Skjei currently leads and facilitates a variety of workshops, conferences and in-depth leadership programs through the center and is also a senior teacher in the Shambhala Buddhist tradition.



Albert Slap is president of Coastal Risk Consulting, a geospatial data and analytics tech company located in Fort Lauderdale, which has revolutionized coastal climate impact modeling. The environmental attorney and law professor earned a national reputation by leveraging America's environmental laws to protect public health and the environment by challenging water, air and toxic waste polluters, and by forcing local governments to replace aging/polluting sewer infrastructure. Slap has served on the boards of numerous nonprofit conservation organizations, including The Nature Conservancy, Friends of the Everglades, Sierra Club and others. In 2014, Slap received the prestigious Marjory Stoneman Douglas "Defender of the Everglades" Award.



Stan Stalnaker is Founding Director of Hub Culture, the Ven digital currency and HubID digital identity system. He is also Member of the Board and Communications Chair of the Digital Asset Transfer Authority, the premier self-regulatory organization for digital assets. Ven is an Internet Reserve Currency derived from a basket of commodities, currencies and carbon, making it the world's first green monetary system. Highly stable, Ven was the first digital currency to enter the global financial system and is the first and only private currency trading on regulated FX exchanges, with over 500 million exchanged. As an author and commentator, Stalnaker's expertise on P2P economies, digital currency, internet identity and social globalization are regularly found in major consumer media worldwide and in private consultation with the world's leading companies.



Mark Stenftenagel is Founder and CEO of Whitney Architects, with 40 years of corporate design expertise for which he is highly respected in the industry. Under his leadership, the Whitney team, a diverse group of 45 architects and designers, has been instrumental in developing millions of square feet of commercial space throughout the country. Stenftenagel is also President of Qdesign, a product design consultancy that works with clients such as Target, Allsteel and HON. Stenftenagel has served as co-chair of the Illinois Design Coalition (IIDC) and has been a member of this legislative and advocacy group since 1995. Additionally, he is President and Co-Founder of the Corporate Climate Alliance. He has a B.F.A. in Design from Southern Illinois University, and he studied product design at the Illinois Institute of Technology.



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Abby Stern is Director of Operations for the American Renewable Energy Institute (AREI).

She oversees AREI's logistics and programming between the Institute's leaders and partners and is responsible for organizing and implementing the framework that produces the collaborative AREDAY Summit and side programs. Stern received a B.S. in Environmental

Engineering from the University of Georgia and is a proud proponent of Women's contribution to Science, Technology, Engineering and Mathematics (STEM). For the second year in a row, Abby is producing AREI's Startup Green program, a two-day accelerator platform for cleantech entrepreneurs, that provides professional mentorship, and the potential to present at this year's AREDAY Summit. Additionally, Abby contributes as a Strategist with Resco LLC, recently helping to coordinate the COP21 Divest Invest Individual campaign in Paris.



Kim Stevens is State Director for Environment Colorado and coordinates all campaign work to

protect Colorado's air, water and open spaces.



Over the past number of years Stevens has organized key campaigns to move forward the first ever limits on global warming pollution from coal fired power plants, and advance renewable energy in cities across the state.

Previous to her work with Environment Colorado, Stevens was the Program

Director of CoPIRG's Energy Service Corps, a statewide program working to promote energy efficiency in Colorado through education and service. She began her work as an environmental organizer in 2010 as a campus organizer with the CoPIRG Student Chapters. Stevens graduated from the University of Illinois at Urbana-Champaign 2010 with a B.S. in Agricultural and Consumer Economics, concentrating in Environmental Economics and Policy.



Julianne Stroeve, Ph.D., is a Research Scientist at the University of Colorado's National Snow and Ice Data Center.

She holds a Ph.D. in Geography from the University of Colorado where she focused on surface energy balance studies of the Greenland ice sheet using satellite imagery. She has extensive experience in remote sensing of the Polar Regions using satellite imagery.

Stroeve has participated in several field campaigns in Greenland and the Arctic. Current research includes monitoring the causes behind the rapid decline of the Arctic sea ice cover, and investigations into how the transition towards a seasonally ice-free Arctic will impact climate. Stroeve has been lead author on more than 20 papers and co-author on more than 30 papers. Stroeve's work has been featured in several Discovery Science and History Channel documentaries.



Kyle Sundman is President of DU Solar.

He has grown up in the beautiful Rocky Mountains of Colorado, and has always recognized the importance of preserving the natural world. In the fall of 2014, Sundman began a project that would turn from a simple assignment for a class into an inexorable march towards rebranding an entire university into a progressive,

forward thinking leader in sustainability. Founding DU Solar, the first organization at the University of Denver dedicated to finding renewable energy solutions for the campus, has taught Sundman an incredible amount about cultivating relationships, entrepreneurship, and about leading a team through ups and downs in hopes of achieving the improbable. He has just graduated with an MBA, concentrated in Sustainability, from University of Denver.

BIOGRAPHIES



Taj Mahal is a musician, composer, multi-instrumentalist and vocalist. He is one of the most prominent and influential figures in late 20th century blues and roots music.

Though his career began more than four decades ago with American blues, he has broadened his artistic scope over the years to include music representing virtually every corner of the world – West Africa,

the Caribbean, Latin America, Europe, the Hawaiian islands and so much more.

What ties it all together is his insatiable interest in musical discovery.



Lisa Tasker is a plant ecologist and the Principal at E.M. Ecological, LLC out of Carbondale, Colorado.

Lisa, while busy with botanical and biological related work, has finally jumped in with both feet determined to help create and move solutions to the greatest debacle ever, climate change. She has been active with Citizens Climate Lobby for two years and is

determined to play whatever role necessary to help move the needle away from fossil fuels. In previous chapters she has worked as a congressional intern, whitewater raft guide, horse wrangler and avalanche technician and sailed the longest ocean passage. Appreciation for native landscapes, including rivers, lakes and oceans, spurred her on to become a trained biologist/plant ecologist looking at landscape and river impacts on projects across 6 western states over the last 20 years.



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.



Jerry Tinianow has served as Denver's Chief Sustainability Officer since 2012, working

to ensure that critical natural and human resources are available and affordable to everyone in Denver, now and tomorrow. His work is organized around the City's 2020 Sustainability Goals, which are among the most ambitious of any American city. Tinianow previously served as a

national officer of both the Sierra Club and the National Audubon Society, and also practiced law for over two decades with two of Ohio's largest law firms. The Sierra Club designated him as a national "Environmental Hero" during its centennial celebration. Tinianow received his undergraduate and law degrees from George Washington University.



Michael Tracy is Principal at Global Brain,

and is a portfolio manager with more than 26 years of experience in the financial services industry and 20 years as a Certified Financial Planning Practitioner (CFP). He combines his unique investment matrices and algorithms, along with his commitment to relationships and results, enabling Principium Investments to maintain long-

term clients. His company, Principium Investments, is pioneering the divest invest movement. They offer portfolios based on companies that are screened through their Environmental, Social, and Governance (ESG) criteria - actively divesting portfolios of the carbon emitting energy companies, while also investing in the best of the clean technology innovators. He is an advisor and angel investor for the Unreasonable Institute in Boulder, an Ambassador for the International Development Enterprise.



Keith Tuffley is Managing Partner and CEO of The B Team, a group of global business

leaders who have come together to drive a better way of doing business for the wellbeing of people and planet. He is also the Founder and Chairman of NEUW Ventures SA. NEUW is an entrepreneurial impact investing company, focused on the creation and financing of new

businesses which reduce the human ecological footprint and accelerate the world's transition to a sustainable economic system. Tuffley has spent over 25 years in finance, investment banking and the capital markets, and was previously Managing Director and Head of Investment Banking at Goldman Sachs in Australia.



Senator Mark Udall represented the people of Colorado in the U.S. Senate from 2009 through 2014 and the 2nd Congressional

District from 1999 to 2008. Sen. Udall, born in Tucson, Arizona, is known for reaching across party lines to solve problems, and has championed bipartisan legislation to balance the nation's budget, protect our public lands and establish a tough, but smart, national security policy. Prior to serving in Congress, Udall served as course director and later as executive director at Colorado Outward Bound School. Sen. Udall is an avid mountaineer and has climbed or attempted some of the world's most challenging peaks, including Mt. Everest. Mark and his wife, Maggie Fox, live in Eldorado Springs, CO.



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 \$1.7 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, 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.



Sandra Vanderstoep is the dc Project Director for the Alliance for Sustainable Colorado.

Vanderstoep is focused on enhancing the effectiveness of The Alliance Center to insure that this flagship building provides the setting for a productive, collaborative setting that makes a difference in our world.

She is currently focused on shepherding the dc Project and developing funding sources that contribute both to the bottom line and to establishing long-term partnerships for The Alliance Center. After a career

in academia, Dr. Vanderstoep's entrepreneurial genes kicked into high gear. She completed an MBA in Marketing and Decision Theory as prelude to a serial entrepreneurial career. The challenges of business startup and growth provided opportunities to work in business ownership and management. In each of these diverse settings, she developed passionate, productive teams that worked together to make the world a better place.



Natalia Vega-Berry is Founder and CEO of the Global Brain. Vega-Berry's experience comes from 25 years in the Advertising Industry, establishing herself as a seasoned International Producer. In recent years, Vega-Berry shifted her focus toward her life-long passion: environmental and social issues, which led her to earn a M.A. in Global Sustainability from UCLA. Her

new career empowered her to combine the experience with her core passion and knowledge for building a sustainable world and founded The Global Brain Foundation. The Global Brain was launched on April 11, 2014, at the United Nations Headquarters in NYC. Among other projects, she currently supports the UN Secretary-General's Agenda 2030 on Sustainable Development and the campaign efforts for the new Climate Agreements through the development of "The People + Planet Project" initiative.



Clara Vonrich is the Global Director of Divest-Invest Philanthropy. She manages the foundation sector for the broader Divest-Invest movement, which now spans universities, sovereign wealth funds, cities, pension funds, insurance companies, health organizations, faith groups and individuals. Vonrich previously served as Account Director for Climate &

Energy at Fenton Communications, where she led client efforts on a range of campaigns, including divest-invest, anti-fracking, defending climate science, and the clean energy transition. Before that she was Director of Leadership Initiatives at the ClimateWorks Foundation, where she worked with thought leaders to promote global and national policies to limit global warming to 2 degrees Celsius. An attorney by training, Vonrich served as Counsel to the President's Commission on the BP Deepwater Horizon Oil Spill and sits on the Board of Directors of 2 Degrees Investing Initiative.



Carla Walker-Miller is President and CEO of Walker-Miller Energy Services (WMES) which she started in 2000 and the business employs over 75 individuals in the Detroit area. A strategic and interdisciplinary businesswoman with an eye for innovation and growth, Walker-Miller began the company determined to bring underserved populations into the important energy

dialogue, believing that "energy efficiency is foundational to our energy future." Committed to energy waste reduction, services include installing energy saving technologies, such as LED lighting for utility companies and commercial customers. She states, "Energy efficiency actually enables renewable energy and contributes to healthier and more sustainable indoor and outdoor ecosystems". WMES has received both local and national recognition as an innovative company to watch. Awards include being named the 2015 Woman-Owned Business of the Year by the Small Business Administration (SBA).



Peter Hans Ward is an entrepreneur and contributor to the AREDAY Summit and American Renewable Energy Institute. Ward graduated from The University of Michigan and was a founding member of the 3-acre UM Campus Farm and Sustainable Food Program. Ward helped coordinate the COP21 Divest Invest campaign in Paris as a Strategist with

the Resilience Collaborative and previously worked with NextGen Climate during the 2014 mid-term elections. He operates Humble Plum, a pop-up event production company featuring a mobile commercial kitchen housed in a retrofitted school bus. Humble Plum coordinates with local farmers and chefs to produce events throughout the Roaring Fork Valley while promoting our community's sustainable food system.



Dave Weidner is Founding Director of Wildlife Protection Solutions and has a strong history of leadership in for-profit companies.

His legacy has been in the software industry, where he founded two successful software companies, Four Winds Interactive, which has ranked in the 'Top 50' list of Forbes most promising companies two years in a row, and Antalys, Inc. He is also a Principal in two real estate investment companies investing in land, residential, and commercial properties. Over the years, Dave's love of nature has led to numerous land acquisitions and subsequent conservation easement agreements, ensuring the continued welfare of the land and its key habitats. With Wildlife Protection Solutions, he combines his enterprising nature, high-tech background, and love of animals to provide technology solutions to wildlife conservation.



Leanne D. Wheeler is the President and CEO of Good to Great Engineering and Technical Services, Founder and CEO of The Wheeler Advisory Group and is an Air Force Veteran. Additionally, she is the Director of Outreach and Engagement for the United Veterans Committee of Colorado, representing the collective voice of 450K Colorado Veterans to the Colorado

Legislature. Wheeler holds an Associate in Applied Science in Electronic Systems Engineering Technology Degree, a B.S. in Computer Information Systems from Regis University, and will complete a Master of Science in Computer Information Technology later this year. Appropriately, Wheeler currently oversees several projects that support the transition of military and Veteran women into the Energy sector, including the ongoing C3E Women Veteran Transition project.



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.



Del Worley is the CEO of Holy Cross Energy. He has 32 years' experience in the electric utility business. His experience includes information technology, modeling, ratemaking, power supply, finance and senior management. Holy Cross Energy, a distribution electric cooperative serving the Vail, Glenwood Springs and Aspen areas, has established a renewable goal of 30% by 2020 and 35% by 2025. In addition, they have established a 2% surcharge for renewable and conservation measures, and added 2.5 MWs of net metered solar. Recent renewable projects include a purchase power contract from a 3 MW coal vented methane plant, a purchase power contract from a 10 MW woody biomass plant (in service late 2013), a 1 MW solar purchase power contract and an 850 kW community solar farm.



AREDAY Notes



2nd Annual StartupGreen

Presented by The American Renewable Energy Institute (AREI)

June 21-22, 2016

Aspen /Snowmass Village, CO

Are you interested in being a key player in the rapid growth of the cleantech industry?

The American Renewable Energy Institute is looking for **investors** who are ready to implement solutions for the expansion of the low-carbon economy.

Startup Green, a two-day accelerator platform for cleantech entrepreneurs, provides professional mentorship, access to investors, and the potential to present at the 2016 AREDAY Summit.

MENTORS NEEDED DURING OPEN ADVISING HOURS

Tuesday and Wednesday 2:30 - 4:00pm

in the Viceroy Vista Room [Back of the Eight K Restaurant]

Seeking industry leaders with expertise in investment, incubation, clean technology, or entrepreneurship.

Meet with startups one on one to hear pitches, refine business plans, and identify market barriers.

Interested? Questions? Contact us: startupgreen@areinstitute.net or 860-418-7681

Wednesday June 22nd
EVENING PROGRAM
6:30 pm - 8:00 pm

Drinks provided by Marble Distilling Co.

Join us at the Startup Green Evening Showcase to hear team pitches, network and interact with participants. The startups receiving the highest scores throughout the 2-day program and evening showcase will give final presentation to the AREDAY Summit audience on June 23rd!

Startup Green
builds bridges
needed to grow the
low carbon economy.



About Startup Green

- Two-day cleantech accelerator in Aspen/Snowmass CO
- One-on-one mentoring
- Access to key sessions at the 2016 AREDAY Summit
- A pitch session to potential investors on the evening of June 22nd



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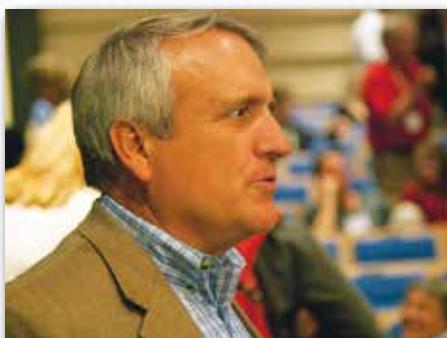
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From Paris to the Polls: Implementing Low Carbon Economies

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**"No water, no life.
No blue, no green."**

— Sylvia Earle

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AREDAY Notes

“Plans to protect air and water, wilderness and wildlife are in fact plans to protect man.” – Stewart Udall

From Paris to the Polls: Implementing Low Carbon Economies



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