



American Renewable Energy Day™

Accelerating Solutions for The Great Transition

The American Renewable Energy Institute Presents
the 11th Annual AREDAY Summit

August 10-13, 2014

The Hotel Jerome | Aspen, CO



“If we do not learn to eliminate waste and to be more productive and more efficient in the ways we use energy, then we will fall short. But if we use our technological imagination, if we can work together to harness the light of the Sun, the power of the wind, and the strength of rushing streams, then we will succeed.”

—President Jimmy Carter, June 20th, 1979



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.

Accelerating Solutions for The Great Transition

WELCOME TO THE AREDAY SUMMIT 2014

Thank you for attending and participating in The American Renewable Energy Institute's (AREI) AREDAY Summit, 2014.

We are particularly honored to have President Jimmy Carter joining us this year. Had America followed his vision and wisdom thirty-six years ago for energy planning, ramping up research, and deployment of solar energy and related policies, we would be much further down the road to a clean, renewable energy economy.

Americans, unfortunately, did not follow his lead. Consequently, we find ourselves at another critical moment in history: We had the Great Depression, survived The Great Recession and are now we are entering The Great Transition.

In The Great Depression and The Great Recession, structures fundamental to the health of the economy were flawed, allowing abuses, excesses, and valuations that did not take into account the real costs of doing business. Virulent lobbyists held regulation and accountability at bay. Assets that were the bedrock of stability were over leveraged. Principle capital was mined. Collapse was imminent. Only swift, collective action and mobilization held back the incoming tide of complete, irreversible destruction of the economy.

Similar forces have brought on The Great Transition. A fossil fuel driven world and its economies are built upon the low cost illusion. The real costs of a global economy based on unlimited growth are externalized and not properly accounted for on a balance sheet. We are now packing the commons with poisons and heat trapping gases, fouling the oceans, forests, and rivers, defiling the soil and biodiversity that has evolved over tens of millions of years, to the point of extinction. Yet, those costs are not calculated into the GDP of the world, the valuation of stock shares, or the price of products. Mining our natural capital, e.g. fisheries and forests, at a rate that does not allow adequate recovery is unsustainable. Mother Earth is suffering. Humanity and all life is threatened. Nature and humanity are out of balance.

However, we are now in a exciting time for action! The Great Transition calls for responses that match the urgency of the climate crisis. The responses must be cross-sector, cross-cultural, whole systems related, and collaborative. Citizens around the world are starting to rise up in protest of the status quo. The climate movement has taken root, including the women's climate movement, where women around the world are standing up in defense of the planet and future generations from the ravages of climate change leading to the 6th great extinction. Science tells us that we now have a 'carbon budget' that we must not exceed. We must leave most of the remaining coal, oil and gas sequestered in the ground so as not to cross the dangerous threshold of 2 degrees C (3.56 degrees F) rise in global temperatures. Action on climate change is now not only a physical but a moral imperative.

The American Renewable Energy Institute (AREI), embraces the challenges and opportunities of The Great Transition. The keystone of a successful transition is accelerating solutions. AREI's mission and programs are designed specifically for this purpose, based upon five fundamental drivers – the principles of the five “E”s: **Energy:** the Sun, **Environment:** the Earth, **Economy:** the People, **Education:** the People must understand the first three - in that order, and **Employment:** the People must go to work to implement clean, renewable energy and sustainable, low-carbon solutions to usher in a sustainable world for generations to come and bring humanity back into balance with the natural systems that sustain all life on Earth.

Thank you for being part of The Great Transition. Thank you for sharing your time, wisdom, experience, talent, ideas, vision, and resources for the greater mission: implementing solutions that already exist as fast as we can, and accelerating innovation to provide solutions to the greatest challenge to ever face humanity.

Thank you for your commitment to making a difference.



Chip Comins
Chairman & CEO, AREI



Sally A. Ranney
Co-Founder & President, AREI





HOTEL JEROME

Sunday, August 10

The morning session (9:00 AM - 11:45 AM) is free and open to the public and families.

- 8:00 am** **Summit Registration Opens**
Hallway to the Antler Room
- 9:00 am** **Opening Summit Blessing**
Chief Arvol Looking Horse *19th Generation Keeper of the Sacred White Buffalo Calf Pipe*
- 9:15 am** **Opening Remarks**
Chip Comins and Sally Ranney *AREI*
- 9:30 am** **Special Sunday Sermon**
Reverend Fletcher Harper *GreenFaith*
- 9:45 am** **Keynote Remarks**
Senator Michael Bennet *United States Senator for Colorado*
- 10:00 am** **Q & A**
Senator Michael Bennet *United States Senator for Colorado*
- 10:15 am** **Break**
- 10:30 am** **Keynote Remarks: Is Happiness Sustainable?**
Marilyn Tam *Author, Consultant*
- 10:45 am** **Round Table Discussion: Spiritual Wisdom and Conscious Leadership: the Gateway to Creating a Sustainable World?**
Moderator: Sally Ranney *AREI, WECAN*
Lawrence Bloom *Be Energy*
Paula Horne *World Peace & Prayer Day*
Kalani Souza *Olohana Foundation*
Jonathan Granoff *Global Security Institute*
- 11:45 am** **Break**
- 12:00 pm** **Open to the Public, \$30 per Person*
Luncheon: The Aspen Business Luncheon News, Media, Democracy, and Public Opinion
Forrest Sawyer *Former ABC Nightline Anchor*
Chip Comins *AREI*
Sally Ranney *AREI, WECAN*
- 1:00 pm** **Luncheon Concludes - Break**

Afternoon Session

**Open to the Public, \$10 per Person*

- 1:30 pm** **Introduction: Dr. Sylvia Earle**
Sally Ranney *AREI, WECAN*
- 1:35 pm** **Keynote Presentation: Mission Blue**
Dr. Sylvia Earle *Marine Biologist, Resident Explorer, National Geographic*
- 2:00 pm** **Panel: The Planet of Waters**
Moderator: Chip Comins *AREI*
Dr. Sylvia Earle *Marine Biologist, Resident Explorer, National Geographic*
Julienne Stroeve *Sea Ice Scientist, NSIDC*
Alison Loomis *Naturalist, Writer, Sustainability Consultant*
Susan Avery *Woods Hole Oceanographic Institution*
- 2:45 pm** **Panel: The Swing Vote: Next Generation and The Great Transition**
Moderator: John R. Seydel *University of Denver Divest, Turner Foundation*
Gordon Bronson *Growtainers*
Morgan Williams *Biochar Solutions, Inc.*
- 3:15 pm** **Break**
- 3:30 pm** **Keynote Remarks**
Conrad Anker *The North Face Climbing Team*
- 3:45 pm** **Panel: The 30,000 ft View: Extreme Athletes and Extreme Climate**
Moderator: Virginia Kelly *Climb for Conservation*
Conrad Anker *The North Face Climbing Team*
Laura Welch *Welch Family Foundation*
Mike Marolt *Extreme Skier*
- 4:30 pm** **Closing Remarks**
Chip Comins and Sally Ranney *AREI*

Free Time

Evening Session

- 6:00 pm** **Networking Cocktail Reception**
The Antler Bar
Cash Bar and Heavy Hors d'Oeuvres
- 7:00 pm** **Panel: Traditional Knowledge: Indigenous Responses to Climate Change**
Moderator: Bob Gough *Intertribal Council On Utility Policy*
Kalani Souza *Olohana Foundation*
Osprey Orielle Lake *WECAN, WECC*

**All evening programs, including films, are open to the general public and are suitable for children. Tickets are \$10 at the Summit Registration desk. This does not apply to Summit pass holders.*

Accelerating Solutions for The Great Transition

HOTEL JEROME

7:45 pm **Keynote Remarks: What the Frack?**
Shane Davis *Extreme Hydrocarbon Survey*

8:00 pm **Panel: In Action! Colorado Leads the Way**
Moderator: John Powers *Alliance for Sustainable Colorado*
Mona Newton *CORE*
Bob Castellino *Climate Colorado*
Del Worley *Holy Cross Energy*

8:45 pm **Break**

9:00 pm **Presentation: Life is Short, Race Hard, Live Green**
Leilani Munter *NASCAR's Carbon Free Girl*

Trailer: Sneak peak of **Six** a new film from
Oscar-winning Producer Louie Psihoyos

Monday, August 11

Morning Session - Vital Signs: Clarion Call for The Great Transition

Morning Host **Randy Hayes** *Foundation Earth*

7:00 am **Continental Breakfast**

8:00 am **Opening Prayer & Blessing**
Chief Arvol Looking Horse *19th Generation Keeper
of the Sacred White Buffalo Calf Pipe*

8:15 am **Introductory Remarks: Recap from Sunday**
Chip Comins and Sally Ranney *AREI*

8:30 am **Keynote Remarks: The Great Transition: Shifting From
Fossil Fuels to Renewable Energy**
Lester Brown *Earth Policy Institute*

8:45 am **Keynote Remarks: The Extinction Crisis: A Loud and
Clear Call for Action**
Mike Phillips *Turner Endangered Species Fund*

9:00 am **Panel: Climate Science: A Reality Check**
Moderator: Cindy Schmidt *University Corporation for
Atmospheric Research*
Dennis Bushnell *NASA*
Greg Holland *National Center for Atmospheric Research*
Susan Avery *Woods Hole Oceanographic Institution*

9:45 am **Panel: Only 3%: Fresh Water Futures?**
Moderator: Catherine Bachand *One Drop*
Peter McBride *Photographer, Filmmaker*
Bob Irvin *American Rivers*

Trailer: Cowspiracy

10:15 am **Panel: Food and Climate: Sustainability and
Feeding the World?**
Moderator: Christiana Wylie *Avatar Alliance Foundation*
Brook Le Van *Sustainable Settings*
Kate McBride *Other Side Ranch*

10:45 am **Panel: Soil, Seeds and Carbon Cowboys**
Moderator: Peter Byck *Carbon Nation*
Tom Newmark *The Carbon Underground*
John McBride *Sopris Foundation*
Russ Conser *Regenov8 Advisors*

11:30 am **Panel: CO₂ and Planetary Vitality:
Biodiversity, Forests and Islands**
Moderator: Larry Schweiger *Formerly National Wildlife Federation*
Sally Jewell Coxe *Bonobo Conservation Initiative*
Ann Davlin *Carbon War Room*
Osprey Orielle Lake *WECAN, WECC*

12:15 pm **Panel: The Elephants in the Room: Consumerism
and Population**
Moderator: Sally Ranney *AREI, WECAN*
Lester Brown *Earth Policy Institute*
Marcy Zaroff *ECOfashion, Under the Canopy*
Marilyn Tam *Author, Consultant*
Eric Schnell *Metabrand*

1:00 pm **Luncheon**

1:15 pm **Luncheon Keynote: Sustainable Development in
Changing Climates**
Rachel Kyte *World Bank Group*

1:30 pm **Luncheon Armchair: Nuclear Security: Realism or
Myth and Imagination**
Amory Lovins *Rocky Mountain Institute*
Jonathan Granoff *Global Security Institute*

2:00 pm **Luncheon Concludes**

Afternoon Session - Climate Wealth and Financing a Low-Carbon Economy

Afternoon Host **Michael Eckhart** *Citigroup Capital Markets*

2:15 pm **Panel: Can Actuated Valves and NH₃ Save The World?**
Moderator: Chip Comins *AREI*
Eddie Sturman *Sturman Industries*
Carol Sturman *Sturman Industries*

2:30 pm **Keynote Remarks: Managing and Investing in Clean Tech**
Theodore Roosevelt IV *Barclays Bank*



HOTEL JEROME

2:45 pm Roundtable Discussion: Facts and Fiction: Opportunities for Financing The Great Transition

Moderator: Theodore Roosevelt IV *Barclays Bank*
 Rachel Kyte *World Bank Group*
 Garvin Jabusch *Green Alpha Advisors, LLC*
 Michael Eckhart *Citigroup Capital Markets*
 Joel Serface *Brightman Energy, LLC*
 Andy Karsner *Manifest Energy, Inc.*

3:30 pm Break

3:45 pm Roundtable Discussion: Impact Investment and Innovative Financing

Moderator: Woody Tasch *Slow Money*
 Michael Eckhart *Citigroup Capital Markets*
 Reed Hundt *Coalition for Green Capital*
 Rod Eckhardt *Round Rock Partners, Seminole Equity Partners*
 Richard Eidlin *American Sustainable Business Council*
 Richard Adams *NREL*

4:30 pm Keynote Remarks: Economics of Aircapture and Carbon

Graciela Chichilnisky *Global Thermostat*

4:45 pm Panel: Getting Traction? A Global Carbon Tax

Moderator: Chip Comins *AREI*
 William Eacho *Former US Ambassador to Austria, Partnership for Responsible Growth*
 George Frampton Jr. *New Energy Advisors, LLC*

5:15 pm Panel: Carbon Budget and Stranded Assets: Corporate and Government Responsibility

Moderator: Sally Ranney *AREI, WECAN*
Video Remarks: Bill McKibben *350.org*
 Rick Heede *Climate Mitigation Services, Climate Accountability Institute*
 Randy Hayes *Foundation Earth*

6:00 pm Closing Remarks

Chip Comins and Sally Ranney *AREI*

Dinner On Your Own

Evening Session

7:15 pm A Conversation: Music and Movies Change the World Building Awareness Through the Arts

Moderator: Chip Comins *AREI*
 Peter Yarrow *Musician, Peter, Paul and Mary*
 Taj Mahal *Musician, Composer, Actor*
 Michael Fitzpatrick *Musician, Earth's Call*
 Greg Reitman *Film Producer, Director*

8:15 pm Film Screening: Rooted In Peace

Greg Reitman *Film Producer, Director*

Tuesday, August 12

Morning Session - Leading the Great Transition: Who, Where, When and How?

Morning Host Governor Bill Ritter *CSU Center for the New Energy Economy*

7:00 am Continental Breakfast

8:00 am Opening Prayer & Blessing

Chief Arvol Looking Horse *19th Generation Keeper of the Sacred White Buffalo Calf Pipe*

8:15 am Introductory Remarks: Recap from Monday

Chip Comins and Sally Ranney *AREI*

8:30 am Keynote Remarks: Climate Leadership: A Global Perspective

Timothy E. Wirth *UN Foundation, Former US Senator, Colorado*

8:45 am Roundtable Discussion: Divest-Invest: A Case for Civil Society Leadership

Moderator: Timothy E. Wirth *UN Foundation, Former US Senator, Colorado*
 Reverend Fletcher Harper *GreenFaith*
 Ellen Dorsey *Wallace Global Fund*
 Chloe Maxmin *Divest Harvard*
 John R. Seydel *University of Denver Divest, Turner Foundation*
 Andy Behar *As You Sow*

9:35 am Keynote Remarks: Entrepreneurship, Climate Change Solutions and Smart Companies

Moe Abdou *33 Voices, Inc.*

9:45 am Panel: The Next Clean Investment Opportunities

Moderator: Chip Comins *AREI*
 Robert Lavia *Formula E*
 Mohammed Khodabakhsh *New Beginnings*
 Bryan Sherbacow *AltAir Fuel*

10:15 am Keynote Remarks

Andy Karsner *Manifest Energy, Inc.*

10:30 am Armchair Conversation: The Progress of The Natural Gas Transition and Best Practices

Moderator: Chip Comins *AREI*
 T. Boone Pickens *BP Capital*

***All evening programs, including films, are open to the general public and are suitable for children. Tickets are \$10 at the Summit Registration desk. This does not apply to Summit pass holders.**

Accelerating Solutions for The Great Transition

HOTEL JEROME

- 10:45 am Panel: Joining the Conversation**
Riggs Eckelberry *OriginOil, Inc.*
David Trickett *The Jefferson Circle*
- 11:00 am Keynote Remarks: Climate Change and the Clinton Global Initiative**
Dymphna van der Lans *Clinton Climate Initiative*
- 11:15 am Panel: Women Leading the Way**
Moderator: Laura Turner Seydel *Turner Foundation, Captain Planet*
Sally Ranney *AREI, WECAN*
Osprey Orielle Lake *WECAN, WECC*
Leilani Munter *Racecar Driver, Carbon Free Girl*
Betsy Hall McKinney *Founding Family*
Marci Zaroff *ECOofashion, Under the Canopy*
- 12:00 pm Break for Luncheon**
- 12:30 pm Keynote Remarks: A Historical Perspective: The Brief 6,000 Year History of Solar**
John Perlin *Historian of Solar Energy*
- 12:35 pm Keynote Remarks: Navigating the Vision for a Renewable Energy Future**
Timothy E. Wirth *UN Foundation, Former US Senator, Colorado*
- 12:45 pm Musical Performance**
Michael Fitzpatrick *Musician, Earth's Call*
- 12:50 pm Introductions**
Douglas Brinkley *Historian, Professor at Rice University*
Jimmy Carter, 39th President of The United States, and Sally Ranney, AREI
- 1:00 pm Armchair Conversation: The Life of a Global Leader: Lessons of Statesmanship in Action**
President Jimmy Carter
Sally Ranney *AREI*
- 1:45 pm Presentation of the Lifetime Achievement Award President Jimmy Carter and Rosalynn Carter**
Sally Ranney *AREI*
Chip Comins *AREI*
Timothy E. Wirth *UN Foundation, Former US Senator, Colorado*
Ted Turner *Turner Enterprises, Inc., Philanthropist*
Amory Lovins *Rocky Mountain Institute*
Douglas Brinkley *Historian, Professor at Rice University*
- 2:00 pm Luncheon Concludes**
- 2:15 pm President Jimmy Carter** will be available to autograph his latest book ***A Call to Action: Women, Religion, Violence, and Power***
Wheeler Room

Afternoon Session - Politics of Climate Change

Afternoon Host **Bill Becker** *Center for the New Energy Economy*

- 2:45 pm Keynote Remarks: South Pole on Solar Power**
Sir Robert Swan *Polar Explorer, 2041*
- 3:00 pm Conversation: Mobilizing the Political Will: Role of the Grassroots**
Video Remarks: Bill McKibben *350.org*
Mark Reynolds *Citizens' Climate Lobby*
Sally Ranney *AREI, WECAN*
- 3:30 pm Panel: Can a Political Agenda Be Achieved that Meets the Urgency of the Climate Change Crisis?**
Moderator: Sally Ranney *AREI*
Video Remarks: Tim Ryan *Ohio Congressman*
Gene Karpinski *League of Conservation Voters*
Larry Schweiger *Formerly National Wildlife Federation*
Tom Steyer *Investor, Philanthropist, NextGen Climate*
- 4:15 pm Roundtable Discussion: Who's Leading Who? Media and the Climate Crisis**
Moderator: Diana Dehm *Sustainability News and Entertainment*
Forrest Sawyer *Former ABC Nightline Anchor*
Natalie Allen *CNN International*
Jennifer Rigby *Weather Channel*
Maranda Pleasant *Origin Magazine*
- 5:00 pm Keynote Remarks: Leading the Great Transition With Wind**
Susan Reilly *RES Americas*
- 5:15 pm Panel: The CO₂ Factor: Leading Utilities into the Future**
Moderator: Graham Richard *Advanced Energy Economy*
Amory Lovins *Rocky Mountain Institute*
Susan Reilly *RES Americas*
Michael Polsky *Invenergy, LLC*
- 5:45 pm Closing Remarks**
Chip Comins and Sally Ranney *AREI*
- ## Evening Session
- 6:45 pm Cocktail Reception** (cocktail attire)
Antler Room and Ballroom
Cash Bar and Heavy Hors d'Oeuvres
- 7:45 pm Awards Ceremony**
Master of Ceremonies: Jayni Chase *Green Community Schools*
**Please see pg. 27 for award recipients.*
- 8:15 pm Evening Conversation: The Diplomat - The Life of Richard Holbrooke Video Clips**
Moderator: Chip Comins *AREI*
David Holbrooke *Telluride Mountain Film*
General Wesley Clark *Growth Energy*



HOTEL JEROME

8:45 pm **Feature Presentation**
The Scarce and the Sacred: A Tale of Two Rivers Source to Sea: Down the Colorado and the Ganges
 Peter McBride *Photographer, Filmmaker*

Daniel Lang *BrightSol*
 Robert Lavia *Formula E*
 Kaname Takeya *Power Japan Plus*

Wednesday, August 13

Morning Session - Beyond Fossil Fuels: Innovative Solutions

Morning Host **Allison Archambault** *EarthSpark International*

7:00 am **Continental Breakfast**

8:00 am **Opening Prayer & Blessing**
 Chief Arvol Looking Horse *19th Generation Keeper of the Sacred White Buffalo Calf Pipe*

8:15 am **Introductory Remarks: Recap from Tuesday**
 Chip Comins and Sally Ranney *AREI*

8:30 am **Keynote Remarks: A Vision for the 21st Century: Secure, Clean, Affordable Energy**
 Graham Richard *Advanced Energy Economy*

8:45 am **Armchair Conversation: Politics, Climate Change and History**
 Tom Steyer *Investor, Philanthropist, NextGen Climate*
 Douglas Brinkley *Historian, Professor at Rice University*
Q & A

9:30 am **Keynote Remarks: Reinventing Fire Update**
 Amory Lovins *Rocky Mountain Institute*

9:50 am **Keynote Remarks: Peace and Development: Can the US and China Lead the Way?**
 Daniel Fung *UNDP Peace and Development Foundation*

10:00 am **Panel: Bridge to China**
 Moderator: Chip Comins *AREI*
 Daniel Fung *UNDP Peace and Development Foundation*
 Amory Lovins *Rocky Mountain Institute*

10:30 am **Keynote Remarks: Formula E: Transition from Combustion to Electric Vehicles**
 Sven Hackmann *Formula E*

10:45 am **Panel: Positive Transformative Technologies: Charting New Territory**
 Moderator: Christine Thompson *Veremonte*
 Mohammed Khodabakhsh *New Beginnings*
 Chris LaDue *V3solar Corporation*

11:30 am **Keynote Remarks: Changing the World One Trip at a Time: How Local Sustainable Tourism Saves Wildlife and Protects Habitat Belonging to the World**
 Geoffrey Kent *Abercrombie and Kent*

11:45 am **Round Table Discussion: Innovation and Commitment for Local Solutions**
 Moderator: Steve Skadron *Aspen Mayor*
 Zane Kessler *Thompson Divide Coalition*
 Dave Hornbacher *Aspen Power and Water*
 Brook LeVan *Sustainable Settings*
 Steve Child *Pitkin County Commission*

12:30 pm **Keynote Remarks: Snowmass Village: Greenest Village in America**
 Richard Goodwin *Goodwin Enterprises*

12:40 pm **Keynote Remarks: Endless Resourcefulness, the Up-Cycle, Cradle to Cradle**
Video Remarks: William McDonough *McDonough Innovation*

12:45 pm **Keynote Remarks: Local Initiatives for a Better Built Environment**
 Rutherford Seydel *The Conservation Fund*

1:00 pm **Luncheon**

1:15 pm **Luncheon Armchair Conversation**
The Last Stand: Ted Turner's Quest to Save a Troubled Planet
 Todd Wilkinson *Author*
 Ted Turner *Turner Enterprises, Inc., Philanthropist*
 Sally Ranney *AREI, WECAN*

1:30pm **The Legacy of Three Generations**
 Todd Wilkinson *Author*
 Ted Turner *Turner Enterprises, Inc., Philanthropist*
 Laura Turner Seydel *Turner Foundation, Captain Planet*
 John R. Seydel *University of Denver Divest, Turner Foundation*

2:00 pm **Luncheon Concludes**

***All evening programs, including films, are open to the general public and are suitable for children. Tickets are \$10 at the Summit Registration desk. This does not apply to Summit pass holders.**

Accelerating Solutions for The Great Transition

HOTEL JEROME

Afternoon Session: Moving Beyond Fossil Fuels

Afternoon Host **Diana Dehm** *Sustainability News and Entertainment*

- 2:15 pm** **Keynote Remarks: AirCarbon and Plastics: Part of the World's Solution**
Mark Herrema *Newlight Technologies*
- 2:30 pm** **Keynote: Defending a Healthy Environment**
Abbie Dillen *Earthjustice*
- 2:45 pm** **Panel: Climate, Nature and New Legal Frameworks**
Moderator: Abbie Dillen *Earthjustice*
Osprey Orielle Lake *WECAN, Global Alliance for the Rights of Nature*
Albert Slap *Coastal Risk Consulting, LLC*
Bob Gough *Intertribal Council On Utility Policy*
- 3:15 pm** **Panel: Solar Advancements: Where Are We Going and How Fast?**
Moderator: Rhone Resch *Solar Energy Industries Association*
John Perlin *Historian of Solar Energy*
Johnny Weiss *Solar Energy International*
Steve Katsaros *Nokero*
- 3:45 pm** **Panel: Can Wind Continue to Power America at Scale?**
Moderator: Larry Flowers *Formerly EERE - Wind Powering America*
Susan Reilly *RES Americas*
Michael Polsky *Invenergy, LLC*
General Wesley Clark *Growth Energy*
- 4:15 pm** **Panel: Driving Away From Fossil Fuels?**
Moderator: General Wesley Clark *Growth Energy*
David Blume *Blume Distillation*
Morgan Williams *Biochar Solutions Inc.*
Lawrence Bloom *Be Energy*
Suzanne Hunt *Carbon War Room*

- 5:00 pm** **Keynote Remarks: Environmental Education: Healthy Schools for America**
Jayni Chase *Green Community Schools*
- 5:15 pm** **Panel: Accelerating Climate and Energy Literacy = Jobs**
Moderator: Chip Comins *AREI*
Daniel Wildcat *Haskell Indian Nations University*
Alice Bedard-Voorhees *The Constant Learning Organization, LLC*
John Ramo *Digital Directions*
Jayni Chase *Green Community Schools*
- 6:00 pm** **Closing Conversation: Road to Paris**
Chip Comins and Sally Ranney *AREI*
Michael Fitzpatrick *Musician, Earth's Call*
Forrest Sawyer *Former ABC Nightline Anchor*
Timothy E. Wirth *UN Foundation, Former US Senator, Colorado*
- 6:45 pm** **Concluding Remarks**
Chip Comins and Sally Ranney *AREI*
- 7:15 pm** **Closing Prayer**
Chief Arvol Looking Horse *19th Generation Keeper of the Sacred White Buffalo Calf Pipe*

Evening Session

- 8:00 pm** **Closing Night Festivities**
Cocktail Reception and Music

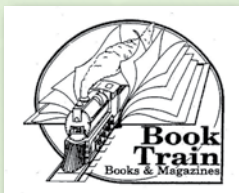
“Change is the law of life. And those who look only to the past or present are certain to miss the future.”

—John F. Kennedy, U.S. President





OF SPECIAL NOTE:


 **Book Signings & Sales**
Off the Grand Ballroom




 **AFFORDABLE 4 ALL MASSAGE**
Providing Chair Massages
We invite you to experience relaxation.

 **AREDAY is made 100% Carbon Neutral**
by Native Energy

 **Thank you to ML Lincoln**
for providing *Wrenched*.

 **Test Drive a Tesla!**
Tesla Motors, Inc. is a company that designs, manufactures and sells electric cars and electric vehicle powertrain components.



 **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.

Tesla and the Chevy Volt will be available for test drives from 10-5 Sunday through Wednesday.



VIDEO REMARKS:



Bill McKibben
350.org

Monday at 5:15 pm
Carbon Budget and Stranded Assets: Corporate and Government Responsibility

Tuesday at 3:00 pm
Mobilizing the Political Will: Role of the Grassroots



Congressman Tim Ryan
D-Ohio

Tuesday at 3:30 pm
Creating a New Energy Future



William McDonough
McDonough Innovation

Wednesday at 12:40 pm
Endless Resourcefulness, the Up-Cycle, Cradle to Cradle

“Because we are now running out of gas and oil, we must prepare quickly for a third change, to strict conservation and permanent renewable energy sources, like solar power.”

— President Jimmy Carter, 1977



The Scarce and the Sacred: A Tale of Two Rivers Source to Sea: Down the Colorado and the Ganges

Featuring Pete McBride's Fantastic Mutli-Media Presentation
Tuesday, August 12th @ 8:45pm

Evening Presentations

*All evening programs, including films, are open to the general public and are suitable for children.
Tickets are \$10 at the Summit Registration desk located in The Hotel Jerome.*

Sunday, August 10th

- 7:00 pm Traditional Knowledge: Indigenous Response to Climate Change**
A conversation featuring representation from the Intertribal Council On Utility Policy, Haskell Indian Nations University, The Olohana Foundation and The Global Alliance for the Rights of Nature
- 7:45 pm What the Frack?**
Presentation from Shane Davis of Extreme Hydrocarbon Survey
- 8:00 pm In Action! Colorado Leads the Way**
A conversation featuring representatives from Alliance for Sustainable Colorado, CORE, Climate Colorado, and Holy Cross Energy



- 9:00 pm Leilani Munter, Life is Short, Race Hard, Live Green**
A presentation from NASCAR's Carbon Free Girl
Sneak peak trailer of *Six*, a new film from Oscar-winning Producer Louie Psihoyos

Monday, August 11th

- 7:15 pm Music and Movies Change the World Building Awareness Through the Arts**
A conversation featuring Peter Yarrow, Taj Mahal, Michael Fitzpatrick, and Greg Reitman
- 8:15 pm Film Screening: Rooted in Peace**
Q&A with Film Producer and Director Greg Reitman to follow the screening

Tuesday, August 12th

- 8:15 pm The Diplomat - The Life of Richard Holbrooke Video Clips**
Conversation featuring Richard's son David Holbrooke and General Wesley Clark, moderated by Chip Comins
- 8:45 pm The Scarce and the Sacred: A Tale of Two Rivers Source to Sea: Down the Colorado and the Ganges**
A multi-media presentation by photographer and filmmaker Pete McBride

Wednesday, August 13th

- 8:00 pm Closing Night Festivities**
Cocktail Reception and Music in the Grand Ballroom at The Hotel Jerome



Moe Abdou

Founder, 33voices Inc., has worked for over 25 years helping founders and senior executives navigate the complexities of growing a business by uncovering contemporary solutions to their pressing challenges. 33voices Inc. is a knowledge platform designed to help entrepreneurs build smarter companies. His daily interview series has given him unparalleled access to more than 1,100 of the world's most influential thinkers including Russell Simmons, Peter Guber, Tim Draper, Daniel Pink, Roger Martin and Maria Klawe. Abdou spent 24 years as Managing Partner for New York Life's Washington, DC region. He recruited over 750 financial advisors, developed a sales and leadership team that consistently ranked in the top one percent in the industry, and facilitated over one billion dollars of insurance and asset management transactions for an affluent roster of clients.



Allison Archambault

President, EarthSpark, oversees all aspects of the organization's day-to-day operations and management. Allison is also a founding principal of Fresh Generation, LLC, a consulting firm working with companies, non-profits, and governments toward widespread and efficient adoption of sustainable energy solutions. Prior to her work with EarthSpark and Fresh Generation, Allison served as Business Liaison Director for 3TIER, leveraging 3TIER's resource forecasting and mapping to expand renewable energy siting and integration insights around the world. Allison also led the renewable energy partners program for GridPoint, a leading clean tech company in the smart grid space. She has a background in US grid-tied residential solar and residential demand management and in rural solar electrification in the Caribbean and West Africa. She holds a B.A. in International Relations and Economics from Tufts University.



Richard Adams

Manager, Innovation and Entrepreneurship Center, National Renewable Energy Laboratory (NREL), oversees the teams accountable for the Engineered Innovation Initiative, the Industry Growth Forum, the Venture Capital Advisory Board, Investor Networking Initiatives, Regional and National Incubator Programs, and the NREL Commercialization Assistance Program. Adams draws on his 20 plus years of international experience with small, medium and large corporations across a broad range of industry sectors. He is the author of *Results Ladder*, a model for successful strategic planning and execution. Prior to joining NREL, Richard was the CEO and President of Warralong Group, a management consulting firm. He has held a variety of senior positions in financial services institutions including Rothschild and Westpac Banking Corporation. He served as a Director and Shareholder of Virtuosity, a sales training consultancy.



Natalie Allen

International News Anchor, CNN International, served as The Weather Channel's first full-time environment and climate correspondent. Allen was an anchor for CNN for ten years as well as a news anchor for MSNBC. As Primary Anchor for the Weather Channel's news program, "Forecast Earth," Allen interviewed environmental leaders including Sir Robert Swan and oceanographer Dr. Sylvia Earle, among others. Allen reported on local green innovators in "Forecast Earth's" segment "Grassroots Green," and in "Eco-Extremes," she shared the passion of people willing to do whatever it takes to raise awareness for environmental causes. She

has written a weekly blog and contributed reports for WeatherChannel.com and appeared nightly on The Weather Channel with "Forecast Earth Eco-Updates." She earned an Emmy Award and Edward R. Murrow Award for News Reporting and was voted "Favorite Morning Personality" by the *Florida Today* newspaper.



Conrad Anker

Climber and Captain of the The North Face Athlete Team, has climbed around the world from Alaska and Baffin Island to Patagonia and Antarctica. In 1997 he, Alex Lowe and Jon Krakauer, climbed Rakekniven, a 2,500-foot wall in Queen Maud Land, which led to a film and magazine piece by *National Geographic*. In 2012, Conrad summited Everest for the third time, leading an educational and research-based expedition with The North Face, *National Geographic*, The Mayo Clinic and Montana State University. That summit came without supplemental oxygen, a distinction claimed only by the world's top climbers. Anker serves on the boards of the Montana State University Leadership Institute, Protect Our Winters, Bozeman Ice Tower Foundation, and the Alex Lowe Charitable Foundation, a non-profit that funds the Khumbu Climbing Center in Nepal.



Susan Avery, Ph.D.

President and Director, Woods Hole Oceanographic Institution, is past director of the Cooperative Institute for Research in Environmental Sciences. As an atmospheric scientist, she has addressed a multitude of national and international forums, including TEDx Boston and several Congressional committees, to convey the importance of understanding the Earth as a system connected by ocean, atmosphere, terrestrial, and human interactions. She has served on numerous scientific boards, committees and commissions at the highest levels, and was most recently one of two U.S. representatives named to a United Nations Scientific Advisory Board to provide guidance about science, technology and innovation for sustainable development. She works tirelessly to promote interdisciplinary discovery research, problem-oriented research with particular application to societal needs, and the synergistic development of ocean technologies.



Catherine Bachand

CEO, One Drop, which develops innovative water access and management projects to promote self-reliance in disadvantaged, rural and semi-rural regions of Latin America, West Africa and Asia. Prior to CEO, Bachand was interim director. Bachand began her career in Canadian federal politics in 1998 in the Office of the Minister of Justice and Attorney General of Canada. She then joined the Office of the Minister of Intergovernmental Affairs and President of the Queen's Privy Council for Canada as a Policy Advisor. Bachand worked in the Canadian Prime Minister's Office as well as in the Department of Foreign Affairs and International Trade. In 2004, she joined the Vancouver Organizing Committee for the 2010 Olympic and Paralympic Winter Games. Born in Trois-Rivières Bachand has a degree in political science from Laval University.



Bill Becker

Senior Associate, Natural Capitalism Solutions and Third Generation Environmentalism, specializes in energy and climate policy. He is Founder and Co-Director of "The Future We Want", collaborating with the United Nations to conduct a global conversation about sustainable development and its effect on communities worldwide. He is Executive Director of the National Sustainable Communities

Coalition and Executive Director of the Presidential Climate Action Project, which has developed recommendations for presidential candidates. Becker spent fifteen years at the U.S. Department of Energy. He has specialized in helping communities practice sustainable development, including “green” recovery from natural disasters. He led or participated in expert teams deployed to New Orleans after Hurricane Katrina in 2005, Thailand after the 2004 tsunami, and to Beijing to “green” the the 2008 Olympic Games.



Alice Bedard-Voorhees, Ph.D.
Principal, **The Constant Learning Organization**, has experience teaching and training, in assessment and evaluation, and instructional and academic leadership positions with two and four year institutions including Western Governors University, Colorado Community Colleges, Colorado Mountain College, and the University of Denver. Her enthusiasm for technology as a tool for learning embraces new opportunities to create access, success, and community. Recently she developed a virtual tutoring center for developmental education students and project evaluator for the Fund for the Improvement of Post-Secondary Education. Dr. Bedard-Voorhees received a B.A. in American Studies from Moorhead State University, an M.A. in English from Arizona State University, and a Ph.D. in Distance Education from Capella University. Her most recent publication is a co-authored book chapter on web2.0 for student demonstrations of learning.



Andy Behar
CEO, **As You Sow**, has 30 years of experience as a Senior Executive and strategist in the clean-tech, communications and life science sectors. Prior to joining As You Sow, Andrew founded and was CEO of a clean-tech start-up developing innovative fuel cell technologies. He served as COO for a social media agency focused in the sustainability space and has been a strategic consultant in the nonprofit sector. He has founded and run start-ups in the medical device and communications areas and serves on the boards of several high-tech innovation companies.



Senator Michael Bennet
US Senator for Colorado, was appointed to the Senate in 2009. A newcomer to politics with experience in business and public service, he is widely-recognized as a pragmatic, innovative and independent thinker. Before taking office, Michael served as Superintendent of Denver Public Schools where he led a reform effort that improved student achievement, helped turn around failing schools, and brought a halt to a seemingly endless cycle of annual budget cuts. Prior to his time at the Denver Public Schools, Michael helped balance a historic budget deficit as Chief of Staff to then-Mayor John Hickenlooper. As Managing Director at the Anschutz Investment Company, Michael managed the successful restructuring of more than \$3 billion in corporate debt. Michael earned his bachelor’s degree with honors from Wesleyan University and his law degree from Yale Law School.



Lawrence Bloom
Executive Chairman, **Be Energy**, a triple bottom line sustainable energy company, that is working to be a new model of success in business. The Company is currently in discussions with the Paraguayan Government to assist in becoming the first country to be fully sustainable in energy, while improving the position of its poor. Bloom is about to take the position of Secretary General of Be Earth Foundation a UN

IGO. He is creating a cross-border fund, which will operate in China and the U.S. investing in new sustainable technologies for both countries. Lawrence was appointed the first Chairman of the Global Agenda Council on Urban Management, and is a current alumna of all Agenda Councils. He is a former Chairman of the UN Environmental Programme, Green Economy Initiative, Green Cities, and the Buildings and Transport Council.



David Blume
Founder, CEO, and CTO, **Blume Distillation**, is the Executive Director of The International Institute for Ecological Agriculture (IIEA). Blume is a globally renowned expert on permaculture and biofuel production and is the author of the critically acclaimed book *Alcohol Can Be A Gas!* A recipient of the American Corn Growers Association “Truth in Agricultural Journalism” award, Blume has consulted with governmental energy and agriculture agencies, farmers, municipalities and business entrepreneurs around the world on stopping deforestation and using waste resources to produce clean, low-cost and local energy solutions. Blume is regularly featured on Coast to Coast AM radio with George Noory, ClearChannel, Premier and GCN radio networks and on NPR including *Science Friday*.



Kerry Breitbart
Founder and CEO, **North American Power**, spent 30 years in energy trading and retired early after the sale of United Companies, a robust, international operation. But starting a new company within the highly competitive \$70 billion retail electricity and natural gas industry presented a new challenge: how to differentiate a commodity and make people think about their energy bill in a new way. With North American Power, Breitbart has taken a ground-breaking approach, incentivizing customers to share renewable energy products for cash rewards and giving a portion of every customer’s bill to charity each month. The results have been incredible. In three years, North American Power has been named “One of America’s Most Promising Companies” by *Forbes*, given nearly \$750,000 to charities, and helped thousands supplement their income.



Douglas Brinkley, Ph.D.
Professor of History, **Rice University**, was named “America’s new past master” by *The Chicago Tribune*. Brinkley is a CBS News Historian, and a contributing editor at *Vanity Fair*, *Los Angeles Times Book Review* and *American Heritage*, as well as a contributor to *The New York Times*, *The New Yorker* and *The Atlantic Monthly*. Seven of his books have been selected as *New York Times* Notable Books of the Year. His book *Cronkite* won the Sperber Prize for Best Book in Journalism and was a *Washington Post* Notable Book of the Year 2012. *The Great Deluge* won the Robert F. Kennedy Book Award. Brinkley lives in Texas with his wife and three children. He has been awarded honorary doctorates from Trinity College (Connecticut), University of Maine, Hofstra University, and Allegheny College, among many others.

“Ultimately, in my judgment, one of the ways to make sure that we become less dependent on oil is through hydrogen.”

—President George W. Bush, 2006



Gordon Bronson

Director of Partnerships, Growtainers, has worked in politics, government, and technology. Growtainers is a revolutionary agricultural product built to grow organic fruits and vegetables inside recycled shipping containers. In various roles he has worked closely with governments, NGO's and world leaders on issues, campaigns and movements of all kinds. Previously, Gordon served in President Obama's White House, the Department of Interior, and for Senator Obama's bid for the Presidency. He has managed and advised a multitude of political campaigns. Gordon is an advisor to the Aspen Institute's Global Alliances Program and is the recipient of Agora Partnerships 2013 Disruptive Awards. A Colorado native and a graduate of Denver University, he was previously a competitive skier featured skiing in photographs from around the world.



Lester R. Brown

Founder and President, Earth Policy Institute, is described by the *Washington Post* as "one of the world's most influential thinkers." The Earth Policy Institute is a non-profit environmental research organization in Washington, D.C.. During a career that started with tomato farming, Brown has been awarded 25 honorary degrees and has authored or co-authored over 50 books. One of the world's most widely published authors, with books translated into some 40 languages, Brown's most recent offering is entitled *World on the Edge: How to Prevent Environmental and Economic Collapse*. He is a MacArthur Fellow and the recipient of many prizes and awards. In 1985, the Library of Congress requested his personal papers, noting that his writings and work had "already strongly affected thinking about problems of world population and resources."



Dennis Bushnell

Chief Scientist, NASA Langley Research Center, is a Member of the National Academy of Engineering, Fellow of the American Society of Mechanical Engineers, Royal Aeronautical Society, American Institute of Aeronautics and Astronautics. Bushnell has six patents, 250 publications, and has been invited to 400 lectures. He has presented on Futures of Energetics for the World Future Society, American Society of Engineering Educators, and Foundation For The Future, among others. Seminal contributions and publications in the area of Biofuels and Biomass as petroleum replacements, sourced from wastelands and saline and wastewater via halophytes and salt plants.



Peter Byck

Director and Producer, Carbon Nation, a climate change solutions movie, has presented *Carbon Nation* for CERES, Google, Walmart.com, White House CEQ, Metcalf Institute, University of Rhode Island, Prince Charles' B.E.P. program, Cambridge University, Nike, R.I.S.D., and Conservation International. Byck has over 20 years experience as a director and editor. His first documentary, *Garbage*, won the South by Southwest Film Festival, screened in scores of festivals and played at the Museum of Modern Art and the Lincoln Center. He has edited documentaries for Peter Jackson's *Lord of the Rings*, *King Kong*, and documentaries as well as promotional shorts for Warner Bros., Universal Pictures, 20th Century Fox, MTV, Vh1, BBC, Disney and MGM. Peter has a Bachelor of Fine Arts from California Institute of the Arts.



President Jimmy Carter

39th President of the United States and Founder of The Carter Center, was elected president on Nov. 2, 1976. He championed human rights throughout the world and on the domestic side, the administration's achievements included a comprehensive energy program conducted by a new Department of Energy; deregulation in energy, transportation, communications, and finance and major environmental protection legislation, including the Alaska National Interest Lands Conservation Act. President Carter called for a campaign to conserve energy and installed 32 solar panels on the White House. President Carter is the author of 28 books and in 2002 he was awarded the Nobel Peace Prize. In 1982, he became University Distinguished Professor at Emory University and founded The Carter Center. President Carter serves as a member of The Elders, a group of independent global leaders, brought together by Nelson Mandela that work together for peace and human rights.



Bob Castellino

Founder and CEO, Climate Colorado and The Switch 2020 Campaign, is a professional photographer, writer, author, speaker, and book publisher. He has written five best selling and critically acclaimed books on Colorado. Upon returning from The 2013 Climate Reality Projects Leadership Training program in Chicago, he created the head-turning presentation, "The Effects of Climate Change on Colorado," to communicate with Coloradoans about the climate crisis. Subsequently, he founded Climate Colorado and the Switch 2020 Campaign to move Colorado to become a world-leader as a Net Zero State. His mission is to end the burning of fossil fuels and switch to clean, safe renewable energy and energy efficiency systems by 2020.



Jayni Chase

Founder, Center for Environmental Education, is spearheading two green school initiatives: GREEN Community Schools, and Energy Efficient Schools. She serves on the boards of Alliance for Climate Education, USGBC Center for Green Schools, New York Harbor School, Green My Parents, Friends of the Earth, and chairs Senator Kirsten Gillibrand's Green Schools Working Group. Chase received an honorary degree from Antioch New England and has received recognition from the Natural Resources Defense Council, the Environmental Media Association, the Rainforest Alliance, and the National Audubon Society, among others. She is a presenter for Al Gore, participated in the Clinton Global Initiative, received the "Connie Award in Education" from the National Wildlife Federation and the Children's Nature Institute Earth "Creating Action Award." Chase is the author of the book, *Blueprint for a Green School*.



Graciela Chichilnisky

Co-Founder and Managing Director, Global Thermostat; Professor of Mathematics and Economics, Columbia University, is author of "The Carbon Market of the United Nations Kyoto Protocol" that became international law. Originator of the concept of "Basic Needs," which the 1993 United Nations Earth Summit voted the cornerstone of Sustainable Development, she created 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* issue focusing 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. Currently Director of Columbia Consortium for Risk Management, her work employs market mechanisms to reduce carbon emissions.



Steve Child

Pitkin County Commissioner, graduate of Stanford University, Class of 1970 with a degree in biology. He is currently a second generation Pitkin County Commissioner, serving his first term of the “most interesting” job he has ever had. He is a lifelong cattle rancher, still irrigating and taking care of his family’s ranch in Snowmass, Colorado. He is a retired elementary school teacher, a former bus driver and snowcat operator. Steve and his wife Molly get all their electricity for their house from the Clean Energy Collective community solar farm at the Rifle airport.



General Wesley K. Clark

Co-Chair, Growth Energy, is the former NATO Supreme Allied Commander and presently serves as Chairman and CEO of Wesley K. Clark & Associates. He is Chairman of Rodman & Renshaw; Emergya Wind Technologies Americas, and board member of the Clinton Global Initiative’s Energy & Climate Change Advisory Board, and ACORE’s Advisory Board. Clark has written three books including the best-seller *Waging Modern War: Bosnia, Kosovo and the Future of Combat*. In 2003, Clark was a Democratic candidate for President of the United States. Graduating first in his class at West Point he was a Rhodes Scholar at Oxford University. Awards include the Presidential Medal of Freedom, Defense Distinguished Service Medal (five awards), silver star, bronze star, purple heart, honorary knighthoods from the British and Dutch governments, among others.



Chip Comins

Founder and Chairman, American Renewable Energy Institute (AREI), produces the annual AREDAY Summit, EXPO, Film Festival, ACELI program and year-round speaker series. Chip is also Managing Director of American Spirit Productions. He is Co-Founder and Producer of *The Green Girl Minute*, an online environmental news production. In 2009, Chip served as the National Coordinating Producer of Clean Energy Week in Washington, D.C. and produced the *Native Wind Powering America* PSA that debuted at the Clinton Global Initiative and was broadcast internationally. In 2009 he produced thirteen side events at the UNFCCC COP 15 in Copenhagen and is a founding partner of the World Climate Summit at COP 16 in Cancun Mexico. Comins believes in the vigorous engagement of the capital markets to solve climate change.



Russ Conser

President, Regenov8 Advisors, recently retired from a 30-year career at Shell where for the last seven years he led Shell GameChanger - an innovation program that invested in people in and outside of Shell with revolutionary ideas to change the game of energy. Russ was trained as a Mechanical Engineer (Iowa State '83) and during his early career practiced as a Petroleum Engineer supporting the effort to find, develop and produce oil and gas around the world. After becoming involved in a series of thought provoking mid-career assignments such as strategy and scenarios, Russ helped to found Shell Technology Ventures before joining GameChanger. Russ has now turned his professional attention to helping entrepreneurs solve the broader world’s biggest problems.



Sally Jewell Cox

President, Founder, Bonobo Conservation Initiative (BCI), is known by the people of the Democratic Republic of the Congo as “Mama Bonobo.” She has worked tirelessly to unite, motivate, and empower the Congolese government, NGOs and communities to protect bonobos and their habitats. Cox oversees surveys and conservation efforts, which has resulted in agreements to protect over 12,000 square miles of Congo’s rainforests that are key to the survival of bonobos 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.



Shane Davis

Director, Founder, Extreme Hydrocarbon Survey, is a biologist and former park ranger. He is a nationally recognized expert data-miner and analyzer of official oil and gas documents. Davis has also been featured in, and or technically advised, numerous national and international documentaries to include those by: Al Jazeera America, CNN, CBS, NPR, Showtime and others. His recent works are as protagonist, and narrator for the Mountain Film documentary: *Dear Governor Hickenlooper*. He is currently working with the SolutionsProject.org on a renewable transition. Shane is an avid hiker, musician, naturalist, and a former National Science Foundation Grant recipient and NATO medal recipient for his work overseas. He lives in Boulder, Colorado.



Ann Davlin

Director of Development, Carbon War Room, brings to the Carbon War Room over twenty years of experience that includes capital raising, event organizing, environmental policy work and brownfields development. Prior to her position at the Carbon War Room, Ann was the managing director of Bayberry Green Fund and started Davlin Development Group, a consulting firm that worked to source and develop brownfield real estate opportunities. Davlin was the special assistant for environmental projects to then-Senator Al Gore, and served in the White House and the Department of Defense creating and implementing environmental policies across the public and private sectors. Davlin received an MPA in Environmental Policy from Columbia University. She holds board and advisory committee appointments with NYS League of Conservation Voters and Clean Economy Network, among others.



Diana Dehm

Founder, Producer, Host, Sustainability News and Entertainment Radio Show, is CEO of Sustainable Business Partnership™, LLC, and founder of “The Great Thinkers Forum.” At Sustainable News & Entertainment, Dehm works to bring awareness around the new green economy and social and environmental impact on the planet. Diana’s technical experience includes 20 years of corporate sustainability innovation; environmental, health & safety (EHS) regulatory compliance; lifecycle assessment; energy and water management; green IT; global marketing and branding for Fortune 500 companies. She successfully assisted in launching Hewlett Packard’s Green IT initiatives in 2008. Dehm is an Executive Committee Board Member of California’s Environmental Protection Agencies’ Environmental Educational Initiative. Previously, she was

Vice President and Partner with Haley & Aldrich and ERM. She supported the first UN and US Global Water Scarcity Conference and has participated in national water policy discussions.



Abbie Dillen

Vice President of Litigation for Climate and Energy, at Earthjustice, leads the litigation docket

and legal advocacy work at the organization on climate change and reducing carbon pollution, identifying strategic opportunities for the expansion of clean energy and bringing down barriers to clean energy nationwide. At Earthjustice, the nation's premier nonprofit law organization, Dillen directs the organization's work to lead the country's transition away from fossil fuels toward cleaner sources, to improve energy efficiency, and to equip our nation's electrical grid to deliver clean, safe renewable energy. She has been the force behind numerous precedent-setting legal victories that have held polluters accountable and cleared the way for clean energy nationally. Dillen received her B.A. from Yale University and her law degree from the University of California, Berkeley, where she graduated Order of the Coif.



Dr. Ellen Dorsey

Executive Director, Wallace Global Fund, has

25 years of experience promoting international human rights, particularly economic and social rights, and advocating for environmental sustainability. Wallace Global Fund focuses on environmental sustainability, corporate accountability, women's human rights, criminal justice, media reform and civic participation. Dorsey came to the Fund from The Heinz Endowments where she served as senior program officer for the Environment Program. Dorsey has served on numerous non-profit boards promoting human rights and sustainable development, and was chair of the board of Amnesty International USA. Dorsey has a doctorate in political science, University of Pittsburgh, was selected as a Fulbright Research Fellow in South Africa, and has served on the faculty of several Universities. Dorsey is co-author of *New Rights Advocacy: Changing Strategies of Development and Human Rights NGOs*.



William C. Eacho

Chairman of the Partnership for Responsible Growth, has enjoyed a career in business and

diplomacy. He currently serves on the boards of the Salzburg Global Seminar and the International Foundation for Electoral Systems, among others. He served as U.S. Ambassador to Austria from 2009-2013 and was honored by the Republic of Austria with the Grand Decoration of Honor in Gold with Sash, Austria's highest decoration to a non-head of state. From 1999-2009, he was CEO of Carlton Capital Group in Bethesda, MD. Previously, he was CEO of Atlantic Food Services and Chairman of UniPro Foodservice, a \$20 billion revenues foodservice distribution cooperative. Mr. Eacho received a Master's degree in Business Administration with Distinction from Harvard Business School and a B.A. combining Political Science and Economics from Duke University.



Dr. Sylvia A. Earle

Founder, 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."



Riggs Eckelberry

Founding CEO, OriginOil, is the developer of

Electro Water Separation™, the high-speed, chemical-free way to clean up large quantities of water used by the oil and gas, algae and other water-intensive industries. Riggs transitioned into the clean technology sector from a thirty-year career in high tech, having previously helped CyberDefender go public as its President and Chief Operating Officer. Eckelberry was a key member of the team that developed YellowPages.com, resulting in its sale for \$100 million; he contributed to numerous other company successes in a lengthy career during and after the dot-com era. In January of 2011, Eckelberry was invited to the Advisory Board of the National Algae Association. In a recent Biofuels Digest industry poll he was named one of the "Top 100 People in Bio-energy" for 2012-2013.



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. Mr. Eckhardt has worked extensively with tax incented 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.



Michael Eckhart

Managing Director and Global Head of Environmental Finance and Sustainability,

Citigroup, in New York City. In this role Eckart supports Citi's goal to be the leading financial services firm in renewable energy, energy efficiency, and clean water, serving clients with corporate banking, investment banking, equity and debt capital markets, global transaction services, trade finance and private banking. From 2001 to 2011, he was the Founder and President of the American Council On Renewable Energy (ACORE). Mr. Eckhart serves on the governing bureau of the REN 21 global policy network in renewable energy, on the Renewable Industry Advisory Board of the IEA, and as an Observer to the International Renewable Energy Agency (IRENA). He received a degree in Electrical Engineering from Purdue University and an MBA from Harvard Business School.



Richard Eidlin

Policy Director and Co-Founder of the American Sustainable Business Council,

has worked in the sustainable business field and on triple bottom line and social entrepreneurship issues for over 30 years. The American Sustainable Business Council is a national coalition of businesses and networks committed

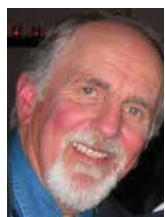
to building a vibrant and sustainable economy. The Council leads several campaigns on mobilizing small and mid-sized companies on climate change, clean energy, energy efficiency and resiliency planning. He currently serves as an adjunct faculty at the University of Denver, teaching Environmental Policy and Sustainability. He is a board member of the Rocky Mountain Employee Ownership Center and co-directed the Colorado chapter of the Clean Tech for 2008 Obama campaign. He earned a Master's in Public Policy from the University of Wisconsin.



Michael Fitzpatrick

Musician, was 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 Music Festival, he serves on the Board of Advisors 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.



Larry Flowers

National Technical Director, Wind Powering America, works to dramatically increase the deployment of wind in the United States. Wind Powering America is a U.S. Department of Energy program, which focuses on states and institutions that have dramatically underutilized their wind resources. Flowers has held

various management positions at the National Renewable Energy Laboratory (NREL) for the past twenty-seven years. Since 1990, he has been a team leader at NREL's National Wind Technology Center (NWTC) in Boulder, Colorado. Flowers led NREL's International Village Power program and the NWTC's hybrid systems technology project and was involved with NREL's business development, buildings sciences, utility systems, solar thermal, and industrial applications. He has a B.S. in Metallurgical Engineering and Materials Sciences from Lehigh University and a Master's Degree from the University of Denver.



George T. Frampton, Jr.

Principal, New Energy Advisors LLC, has over 35 years of legal, public policy, and environmental advocacy experience. Previously, he was Senior of Counsel at Covington & Burling LLP in the firm's climate and clean energy practice, and was a partner at Boies, Schiller & Flexner LLP. Mr. Frampton's Federal Government assignments include serving as Chairman of the White House Council on Environmental Quality and Assistant Secretary of the Interior for Fish, Wildlife and Parks. He was President of The Wilderness Society from 1986-1993. He received a BA from Yale College, an M.Sc. Econ. from the London School of Economics, and a JD from Harvard Law School, where he was Treasurer (Managing Editor) of the Harvard Law Review. He served as an Assistant

Special Prosecutor on the Watergate Special Prosecution Force.



Daniel Fung

Chairman of the United Nations Development Programme (UNDP), Peace and Development

Foundation, 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. Mr. 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. Mr Fung serves on the board of governors of the East West Center and is a founding governor of the China-US Exchange Foundation. Mr. Fung has been honored by the United Nations for his contribution to the UNDP China and the UN Millennium Development Goals.



Richard C. Goodwin

Builder and philanthropist, was born in Philadelphia and graduated from Drexel University with a Bachelor of Science 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 (www.mepdn.org) that supports over 45 Israeli and Palestinian groups to promote peace.



Bob Gough

Intertribal Council On Utility Policy Secretary,

co-chaired the national Native Peoples Climate Workshops, participated in several Kyoto Protocol 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 S.D. was recognized with the inaugural World Clean Energy Award for Courage, in Basel, Switzerland and recently announced as a Clinton Global Initiative commitment. He currently serves as a visitor on climate issues to UCAR/NCAR.



Jonathan Granoff

President, Global Security Institute, is an attorney, author and international advocate emphasizing the

legal, ethical and spiritual dimensions of human development and security, with a specific focus on advancing the rule of law to address the threats posed by nuclear weapons. Granoff is an Adjunct Professor of International Law at Widener University

School of Law, Co-Chair of the Task Force on Nuclear Nonproliferation International Law Section American Bar Association, and is on numerous governing and advisory boards including Global Dialogue Institute, Jane Goodall Institute, and the Bipartisan Security Group. He is a Fellow of the World Academy of Arts and Sciences, and a representative of the International Peace Bureau at the Nobel Peace Laureate Summits. He provided expert testimony before the UN Secretary General's Disarmament Advisory Board, Canadian and UK Parliaments, and US Congress.



Sven Hackmann

Executive Vice President, Veremonte, has an extensive background in corporate leadership, business incubation and complex transactional negotiations. At Veremonte, Hackmann leads global strategy and development initiatives and is responsible for analyzing and developing plans to drive Veremonte's growth and nurture new businesses. Veremonte is the primary investor in Formula E, a new global race series featuring electric cars. Prior to Veremonte, Hackman spent 12 years with Siemens where he led Siemens' North American microgrid market development and innovation strategy for the government and private critical infrastructure market. Before that, Hackmann served as Vice President of the Siemens US Cities Program and as Regional Vice President of Siemens Healthcare where he was responsible for the development and execution of strategic business plans.



Rev. Fletcher Harper

Executive Director, Green Faith, is an Episcopal priest and GreenFaith's Executive Director. Under his leadership, GreenFaith has developed innovative programs linking religious belief and practice to the environment. An award-winning spiritual writer and nationally-recognized preacher on the environment, he teaches and speaks at houses of worship from a range of denominations in New Jersey and nationwide about the moral, spiritual basis for environmental stewardship and justice. A graduate of Princeton University and Union Theological Seminary, he served as a parish priest for ten years and in leadership positions in the Episcopal Church before becoming GreenFaith's Executive Director.



Dr. Carrie Besnette Hauser

President and CEO, Colorado Mountain College (CMC), 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

Executive Director, Foundation Earth, has been described by the *Wall Street Journal* as "an environmental pit bull." At Foundation Earth, Hayes' work focuses on rethinking a human order that fits within the planet's life support systems. As a former filmmaker and Rainforest Action Network Founder, he is a veteran of many high-visibility corporate accountability campaigns and has advocated 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 has explored the High Sierras, the 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.



Richard Heede

Co-Founder and Director, Climate Accountability Institute, has pursued a deep interest in climate, starting with a Master's thesis for National Center for Atmospheric Research (*A World Geography of Recoverable Carbon Resources in the Context of Climate Change*, 1983), which identified efficient use of carbon as a key strategy to avoid dangerous climate change. This led to 18 years with Rocky Mountain Institute, a preeminent "think-and-do-tank" on energy efficiency. He founded Climate Mitigation Services in 2002 to conduct comprehensive emission inventories for governments, companies, and NGOs. Richard and Naomi Oreskes co-founded the Climate Accountability Institute in 2011 to foster climate stewardship by fossil fuel companies. His rammed-earth solar home in Old Snowmass emits one-fifth the carbon of area homes. For carbon-fun he flies a 1958 Cessna 182.



Markus (Mark) D. Herrema

CEO and Co-Founder, Newlight Technologies, has over a decade of industrial experience in chemical, biological, and process engineering, intellectual property development, polymer functionalization, private equity finance, and strategic business development. Mr. Herrema has invented a range of proprietary carbon capture and conversion systems and materials, receiving numerous associated US and international patents, steering Newlight through multiple private placement offerings, executing a range of strategic partnerships, and leading the engineering, construction, optimization, and expansion of Newlight's carbon capture platform. Mr. Herrema graduated *magna cum laude* High Honors from Princeton University with a Bachelor of Arts degree in Politics and Political Theory, with additional work in Physics, Mathematics, and Chemistry.



David Holbrooke

Filmmaker, Festival Director of Mountainfilm, directed *Hard As Nails*, a 2007 Mountainfilm award winner. Other documentaries include *Freaks Like Me* and *Time for a New God*. He also directed *A Redwood Grows in Brooklyn*, featuring acclaimed nature photographer James Balog. Other recent projects include *The Soul of Healing* with Deepak Chopra and he co-produced *The Trials of Henry Kissinger*. Holbrooke worked extensively in television news, producing pieces for "The Today Show," CBS News and CNN. His production company, Giraffe Partners, is developing narrative features and several documentaries. He is currently at work on his latest film called *The Diplomat*, which chronicles the life of his father, Ambassador Richard Holbrooke. The film will be finished by early 2015, the 20th anniversary of the Peace Accords.



Dr. Greg Holland

Willis Senior Scientist, National Center for Atmospheric Research, UCAR, has a long career in tropical meteorology with the major focus being weather and climate extremes. He has a PhD in atmospheric sciences from Colorado State University. At the Australian Bureau of Meteorology Research Centre, Greg became Senior Principle Research Scientist. He chaired the Working Group on Tropical Meteorology for the World Meteorological Society Commission for Atmospheric Sciences for 12 years. At NCAR he has been Director of the Mesoscale and Microscale Meteorology Division and founding Director of the Earth System Laboratory. Greg's publications include major contributions to six textbooks and forecast manuals, and over 120 research papers. He is a Fellow of the American Meteorological Society, Australian Meteorological and Oceanographic Society, and Member of the American Geophysical Union.



David Hornbacher

Director of Utilities and Environmental Initiatives, City of Aspen, 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 will achieve the community goal of a 100% renewable energy portfolio. Previously, David was the New Business Manager for Xcel Energy and on the “Smart Grid City” implementation team. David 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).



Paula Horne

Traditional Dakota singer and artist, her musical credits include opening for the Indigo Girls, touring

Europe with Keith Secola and other notable native artists, and composing and producing her own cd, *Heart Songs of Black Hills Woman*. She has been involved in Indian rights for over 20 years, organizing the Run to Pipestone and Thanksgiving Feast and is one of the original graduates of Red Schoolhouse in Minnesota and a subsequent board member. She brought her organizational skills to World Peace and Prayer Day in 1996 and has been a moving force in creating the events ever since. She is also the mother of eight children.



Reed Hundt

CEO, Coalition for Green Capital, is also Principal of REH Advisors. He is Chair of the

Aspen Institute’s International Digital Economy Accord (IDEA) Project and was a member of President Obama’s Presidential Transition Team 2008-09 where he headed the economic agency review group. Hundt is on the Board of Directors of Intel, Serious Materials and is an advisor to Infinera. He has been Principal at Charles Ross Partners since 1997 and is a member of the DC, Maryland and California bars (former). From 1998-2009, Hundt was a Senior Adviser to McKinsey & Company. Hundt was Chairman of the Federal Communications Commission from 1993-97. He is the author of *In China’s Shadow: The Crisis of American Entrepreneurship* and *You Say You Want A Revolution: A Story of Information Age Politics*.



Suzanne Hunt

Founder, Hunt Green LLC, and Senior Advisor, Carbon War Room, provides strategic advising

on transportation, energy, agriculture, and the environment. Hunt leads the Carbon War Room’s aviation and renewable fuels work. Former clients include XPRIZE, private equity firms, UN bodies, government agencies, clean tech start-ups, Fortune 500 companies, and NGOs. In 2007, *Science Magazine* featured her as a “Pioneer.” Suzanne directed the Worldwatch Institute’s bioenergy program from 2005-2007, where she orchestrated the landmark research initiative and resulting book, *Biofuels for Transportation: Global Potential and Implications for Energy and Agriculture*. Hunt sits on the advisory boards of the Latin America Council on Renewable Energy and the Regional Bio-fuels Technical & Knowledge Center. She holds a BS in Environmental Science from Penn University and a Masters in International Affairs and Natural Resource Management from American University.



Bob Irvin

President and CEO, American Rivers, has led the organization’s efforts to protect healthy rivers,

restore damaged rivers and ensure clean water nationwide. Bob has over 30 years of experience in the environmental field and is an expert in biodiversity conservation, wildlife law and the Endangered Species Act. Before American Rivers, Irvin was Senior Vice President for Conservation Programs at Defenders of Wildlife and served as Director of U.S. Conservation for World Wildlife Fund. Irvin graduated magna cum laude with a B.S. degree in Forest Science from Utah State University and earned a J.D., Order of the Coif, from the University of Oregon School of Law. He was a member of the IUCN’s Red List Criteria Review Working Group. Irvin has taught at Vermont Law School and at the University of Maryland School of Law.



Garvin F. Jabusch

Co-Founder and COO, Green Alpha Advisors, LLC is responsible for operations, trading, assisting

with portfolio construction, business development, promotion and marketing. Prior to Green Alpha Advisors, Jabusch was the Director of Forward Sustainable Investments, a business unit of Forward Management, LLC. where he supervised all aspects of the management of the Sierra Club Stock Fund and the Sierra Club Equity-Income Fund. Additionally, he served as Vice President, Strategic Services at Morgan Stanley. Jabusch holds an MBA in International Management and Finance from the American Graduate School of International Management (Thunderbird). Before entering the business world, Jabusch studied at the Ph.D. program in Physical Anthropology and Archaeology at the University of Utah. While there, he wrote and contributed to many Environmental Impact Studies.



Gene Karpinski

President, League of Conservation Voters (LCV), has served as President since April 2006

and previously served on the LCV Education Fund Boards of Directors and the LCV Political Committee. Before LCV, Gene 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. Gene is a graduate of Brown University and Georgetown University Law Center.



Andy Karsner

Executive Chairman of Manifest Energy, a clean energy investment firm, is Founder of Polarpromise.

org. Karsner served as Assistant Secretary of Energy, America’s top efficiency regulator, a principal climate negotiator, and managed a \$2 billion applied science portfolio. Prior to public service, Andy was CEO of Enercorp, a developer of utility-grade renewable energy projects and an exclusive agent of Vestas. He was also senior executive at Wartsila Power Development. Andy currently sits on boards of Applied Materials, Baswood, Conservation International, Gas Technology Institute, Argonne National Laboratory, and the National Marine Sanctuary Foundation. He is an Associate of the Harvard Kennedy School, Visiting Hoover Fellow at Stanford, a Henry Crown Fellow of the Aspen Institute, a member of United Nation Foundation’s Energy Future Coalition, on the National Petroleum Council and Council on Foreign Relations.



Stephen Katsaros

Inventor, entrepreneur, mechanical engineer, US Patent Agent, is the founder of Nokero. In 2010, he invented the first solar light bulb to revolutionize life for the 1.3 billion un-electrified people worldwide. The un-electrified burn \$38 billion of kerosene per year for light. 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 Steve the "2012 Outstanding Mechanical Engineer Award," and Nokero received the United States Patent and Trademark Office's "Patents for Humanity" Award in 2013.



Virginia Reed Kelly

Attorney and Founder, Climb for Conservation (C4C), Inc. a non-profit that inspires people to climb the highest mountains to raise awareness and funds for conservation projects. Recent trips have taken her teams up Mt. Kilimanjaro, Machu Picchu, and Mont Blanc. Kelly is also a Master's student at Yale studying Philosophy of Religion, specifically focusing on world religions and ecology.



Geoffrey Kent

Founder, Chairman, and CEO, Abercrombie & Kent Group, brings a lifetime of experience, innovation, and passion to the world's most exclusive luxury adventure travel experiences. At age 16, Kent undertook a solitary exploration of the African continent that would come to define the course of his life. Now a pioneer of the modern luxury safari, he has taken his company and his clients from undiscovered areas of the African continent to the furthest reaches of the globe. As former chairman of the World Travel & Tourism Council, he led the industry in integrating sustainable tourism practices into a triple bottom line of environmental, economic, and social responsibility. He serves on the Leadership Council of the UN Sustainable Development Solutions Network.



Zane Kessler

Executive Director, Thompson Divide Coalition (TDC), leads a broad-based coalition of ranchers, local governments and existing user groups working to conserve an area of pristine public lands in the heart of America's most visited National Forest, the White River. To accomplish this goal, the Coalition is pursuing market-based solutions to purchase and retire undeveloped leases on the forest. Zane brings significant public and private sector experience to the Coalition's efforts, including more than six years of work with the United States Senate, where he managed a wide variety of policy and outreach initiatives in the agriculture, transportation, energy and natural resource arenas. In 2010, Mr. Kessler was selected as one of twenty national leaders to participate in the U.S. Department of Energy's National Renewable Energy Lab (NREL) Energy Executives Leadership Program.



Mohammed Khodabakhsh

Inventor, Scientist, Founder of New Beginnings



Rachel Kyte

World Bank Group Vice President and Special Envoy for Climate Change, oversees work on climate change adaptation, mitigation, climate finance, and disaster risk and resilience across the institutions of the World Bank Group. The climate group is focused on ensuring that all Bank Group operations integrate climate change and take into account the opportunities of green growth. Ms. Kyte previously served as World Bank vice president for sustainable development and was the International Finance Corporation's vice president for business advisory services and a member of IFC's management team. She is Professor of Practice in Sustainable Development at The Fletcher School of Law and Diplomacy. She holds a Masters in International Relations from Tufts University, and a Bachelor of Arts in History and Politics from the University of London.



Chris LaDue

Chief Inventor, V3solar Corporation, is the inventor of numerous successfully commercialized technologies and has over 60 registered patents. LaDue's areas of expertise include theoretical physics, applied physics and public land mobile telecommunication systems design. He specializes in the areas of protocol logic for signalling networks and virtual solutions for digital channel logic. In 1992, LaDue founded what became Aeris Communications in Silicon Valley and in 2004, he co-founded Symstream Technologies. He invented a means and method of applying linear data elements to non-linear digital voice channels. His lifetime of inventing has produced numerous patents containing hundreds of inventions that relate to communication systems, electro-mechanical protocols and systems, solar, virtual communication network solutions, satellite and terrestrial telecommunications technology, artificial intelligence and virtual reality systems.



Osprey Orielle Lake

Founder, President, The Women's Earth and Climate Caucus (WECC), is Co-Founder of the Women's Earth and Climate Action Network (WECAN). Lake is Co-Chair of International Advocacy with the Global Alliance for the Rights of Nature and is an advisor to the International Eco-Cities Framework and Standards Initiative. Lake has developed a Resilient Community Training Program in California and designs WECAN's international climate trainings. She has served on the board of the Praxis Peace Institute and on the Steering Committee for the UN Women's Major Group for the Rio+20 Earth Summit. Awards include the "National Women's History Project Honoree," "Taking The Lead To Save Our Planet" and the "Woman Of The Year Outstanding Achievement Award." She is the author of the award-winning book, *Uprisings for the Earth: Reconnecting Culture with Nature*.



Daniel Lang

Co-Founder, BrightSol, has invented patent-pending energy and energy efficient technologies, some of which that reduce energy consumption by up to ninety percent with product lives that last generations. He co-founded the lighting company BriteSol and is the CTO and Chairman of the Board of Directors. In 2011, he co-founded eleXele Energy, XOsphere, AgrowPile Farms and Out of the Blue, to commercialize emission free energy generators, off-grid heating and cooling systems, 3D indoor agricultural systems, and atmospheric water harvesting systems. In 2010, Lang co-founded Kre84all Foundation, a philanthropic organization that utilizes game changing products based on his technologies and building corporations and charities around them.



Robert Lavia

Managing Director, Veremonte, is responsible for bringing together high net worth individuals, projects, and expertise from many industries in order to successfully execute high-impact global projects. Veremonte is an investment and holding company headquartered in London, which is comprised of private and institutional investors. Lavia often compares this to working on a sprawling, intricate, international partnership puzzle. Lavia successfully coordinates interests across channels of industry, including real estate, agriculture, energy, entertainment, government, retail, and manufacturing. Lately, the future of energy has been his primary focus as he has a direct involvement in FIA Formula E racing.



Brook Le Van

Co-Founder, Director, Sustainable Settings, runs the research, demonstrations, and educational programming for the working ranch and whole systems learning center. Le Van lectures, writes, and organizes community-based events on re-localized sustainable food and energy issues. He is a green development, sustainable agriculture, and native riparian systems consultant, and certified Permaculture designer and consultant. He advises and writes the “Food for Thought” column for *Edible Aspen* magazine and is a board member of the Thompson Divide Coalition. An alumnus of the Kansas City Art Institute and NYSCC, at Alfred University, Le Van taught college and university for six years. Le Van received a Fulbright Research fellowship for research 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.



Chief Arvol Looking Horse

19th Generation Keeper of the White Buffalo Calf Pipe Bundle, holds the responsibility of spiritual leader among the Lakota, Dakota and Nakota People. He holds an honorary Doctorate from the University of South Dakota, and travels and speaks extensively on peace, environmental and native rights issues. He is the recipient of several awards, including the “Wolf Award” of Canada for his dedicated work for peace. A skilled horseman, he shares his knowledge with the youth on the long-distance rides that take place in South Dakota throughout the year.



Alison Loomis

Naturalist, Writer and Sustainability Consultant, is a lifelong ocean activist and adventurer. Her work in conservation, education, climate change, sustainable tourism, and social enterprise is informed by fieldwork with diverse programs in Alaska, California, Colorado, Hawaii, Madagascar, and Latin America. Loomis recently returned from Southeast Alaska with updates on the state of climate and oceans from America’s largest national forest—the Tongass. As a trained environmental scientist and geographer, Loomis holds degrees from the University of Colorado at Boulder and Cambridge University, where she specialized in carbon cycle dynamic and ocean acidification.



Amory Lovins

Chairman, Chief Scientist, Rocky Mountain Institute (RMI); Chairman Emeritus, Fiberforge Corporation, 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’s 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*.



Mike Marolt

Ski Mountaineer, with his twin brother Steve Marolt, climbed and skied down the Central Peak of Tibet’s Shishapangma as the first Westerners skiing from above 8,000 meters. Since then, Mike and Steve have become the only Americans to do this multiple times, preceded by just four other people in the world. Mike and Steve have many accomplishments to list over their 25 years climbing and skiing some 40 of the world’s greatest peaks. They take no short cuts to the top, by not using supplemental oxygen, porter support, or altitude drugs. They are the leaders in known ski descents from above 7,000 meters/23,000 feet, with 6 descents to their credit and have experienced dozens of descents above 6,000 meters/19,600 feet.



Chloe Maxmin

Co-Founder, Divest Harvard, is a rising Senior at Harvard College. She became an activist when she was twelve years old and started the Climate Action Club in high school, galvanizing a movement in her rural Maine school and community. She then founded First Here, Then Everywhere an online network and hub for young environmental activists, where each month, a different youth-led environmental venture is featured to showcase how young people are taking action to mitigate climate change. Maxmin co-founded Divest Harvard and has received national and international recognition for her activism, including the Brower Youth Award was named a “Green Hero” by *Rolling Stone* magazine. Her personal mission is to make climate change the defining issue of her generation.



John McBride

Businessman, Rancher and Conservationist, 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.

“...the next fortunes are going to be made in renewable energy.”
 —Ted Turner, Turner Enterprises, Inc.



Kate McBride

Rancher and Entrepreneur, whose career interests include environment, land and wildlife conservation, farming, philanthropy, health and professional sports. She is the owner and operator of the Other Side Ranch, and raises rotationally pastured, humane, organic Berkshire hogs and Dorper lamb for meat and raw dairy. McBride graduated with a

Bachelor of Science, Cum Laude with the thesis award from Princeton University and is a Certified Veterinary Technologist and an EMT. McBride is the Director of the Aspen Airport Business Center Foundation and was the Sopris Foundation President from 1993-2005 where she Co-Founded and was the Director of The State of the World Conferences; McBride was also a professional ski racer, model, and 6X World Record holder for the 24 Hour Downhill. She served on the board of American Rivers. Kate lives her two daughters on a ranch in Old Snowmass.



Pete McBride

Photographer and Filmmaker, Water Expert,

is a Native Coloradan who has spent almost two decades studying the world with his camera. A self-taught, award-winning photographer, filmmaker and writer he has traveled to over 60 countries for the publications of the *National Geographic Society*, *Smithsonian*, *Outside Magazine*, *Men's Journal*, *Esquire*, and many others. Combining his passion for aviation and conservation, he spent over two years documenting his local river—The Colorado. The journey culminated in the acclaimed coffee table book *The Colorado River: Flowing Through Conflict*, an award-winning short film, "Chasing Water" which won over 20 film festival awards including "Best Short Documentary" at Canada's Banff Mtn. Film Festival. His latest film is "I Am Red," is a visual poem of The Colorado River, in which McBride partners with American Rivers to inspire viewers to take action.



William McDonough

Architect, Author, Advisor, was recognized by Time magazine as a "Hero for the Planet."

McDonough has received numerous awards including the "Presidential Award for Sustainable Development." McDonough is the architect of the Ford Rouge truck plant; the Adam Joseph Lewis Center for Environmental Studies at Oberlin College; and NASA's "space station on Earth," Sustainability Base. McDonough and Dr. Michael Braungart co-authored *Cradle to Cradle: Remaking the Way We Make Things* and *The Upcycle: Beyond Sustainability-Designing for Abundance*, which was released in 2013. Mr. McDonough advises commercial and governmental leaders worldwide through McDonough Innovation. He is active with William McDonough + Partners, as well as MBDC, the consulting firm co-founded with Dr. Braungart. Mr. McDonough co-founded Make It Right (2006) with Brad Pitt to bring affordable Cradle to Cradle-inspired homes to New Orleans.



Bill McKibben

Author, Educator, Environmentalist, is founder of 350.org, the first planet-wide, grassroots climate change movement. His 1989 book *The End of Nature* is regarded as the first book for a general audience about climate change. The Schumann Distinguished Scholar in Environmental Studies at Middlebury College and a fellow

of the American Academy of Arts and Sciences, he was the 2013 winner of "The Gandhi Prize" and "The Thomas Merton Prize," and holds honorary degrees from 18 colleges and universities. *Foreign Policy* named him to their inaugural list of the world's 100 most important global thinkers, and the *Boston Globe*

said he was "probably America's most important environmentalist." A former staff writer for the *New Yorker*, he writes for a variety of publications, including the *New York Review of Books*, *National Geographic*, and *Rolling Stone*.



Betsy Hall McKinney

Mother, Entrepreneur, Writer and Philanthropist,

wrote a Declaration of Interdependence that includes equality and interdependence between men and women, and our responsibilities and calls for a free and independent media, money out of politics, the rights of nature, and our responsibility to future generations. She is launching a new business enterprise called "The Founding Family" that employs the values of love, partnership and interdependence into a framework supporting a movement to evolve democracy and to restore our world. The first initiative of The Founding Family is an Inaugural Partnership Summit, in Baltimore, Maryland, May 1-3, 2015. The Summit will focus on women's empowerment through showcasing women's organizations and thought leaders who are addressing inequities and injustices with innovative problem solving to shape a positive interdependent future.



Leilani Münter

Race Car Driver and Environmental Activist,

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 vegetarian hippie chick with a race car."



Tom Newmark

Co-Founder and Chairman, The Carbon Underground,

works to reverse climate change through regenerative organic agriculture by scaling it up on a global level. He is the chair of The Greenpeace Fund USA, the co-founder and chair of Sacred Seeds, and the co-owner of Finca Luna Nueva, an organic farming operation in Costa Rica that administers the Tropical Farming Systems Trial in collaboration with the Rodale Institute. He's a trustee of the American Botanical Council and is a contributing member of the Children's Eternal Rainforest Organization. He was the CEO of New Chapter, a B Corp, and the leader in organic dietary supplements; purchased by Proctor & Gamble in 2012.



Mona Newton

Executive Director, Community Office for Resource Efficiency (CORE),

has worked in the public and private sectors promoting energy efficiency and renewable energy for over 20 years. Over the last two decades, CORE has developed numerous programs, including the country's first carbon tax, which funds CORE's grant programs for projects that reduce carbon emissions. In addition, CORE helped launch AREDAY. Ms. Newton came to the Roaring Fork Valley following five years at the Governor's Energy Office. During that time she worked with local governments and profit and non-profit organizations, helping them advance energy efficiency and renewable energy through policy adoption and

program implementation and she worked with emerging companies to help them develop markets for new technologies. Ms. Newton received a M.A. from the Korbel School of international Studies at the University of Denver.



John Perlin

Author, Lecturer, Consultant, has written four major books on solar energy and forestry including: *A Golden Thread: 2500 Years of Solar Architecture and Technology*; *A Forest Journey: The Story of Wood and Civilization*; *From Space to Earth: The Story of Solar Electricity*; and *Let It Shine: The 6000 Year Story of Solar Energy*. Harvard University Press has chosen *A Forest Journey* as one of its “One-Hundred Great Books” of all time and as “A Classic in Science and History.” Nobel Laureate Dr. Walter Kohn invited Mr. Perlin to join the department of physics at the University of California, Santa Barbara to collaborate with Kohn on the movie *The Power of the Sun*, which tells the story of the evolution of the science of light and the development of photovoltaics.



Mike Phillips

Executive Director, Turner Endangered Species Fund (TESF) and Turner Biodiversity Divisions (TBD) 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 TEF and TBD Mike worked

for the U.S. Fish and Wildlife Service leading the historic effort to restore red wolves to the southeastern US 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 at least December 2016. In 2009 Mike was invited by the White House to work with the administration and the US Senate on energy and climate change legislation.



T. Boone Pickens

Founder, BP Capital; Principal, TBP and BPC, launched a \$62 million advertising campaign in 2008, working with the Sierra Club, to promote the “Pickens Plan,” an energy policy aimed at reducing America’s reliance on foreign oil. He has spent the past 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.



Maranda Pleasant

Founder and Publisher, ORIGIN Magazine, THRIVE and Mantra Yoga+Health, partners with the most effective organizations and artists impacting, preserving and protecting the planet, endangered species and human rights. She is a former conflict journalist, photographer and artist, using art for impact with a passion for telling the stories of the voiceless. She created a platform for eco and humanitarian issues, conscious culture, yoga and mindfulness. She uses celebrities and recognizable figures to bring awareness about issues into the main stream, reframing culture and getting our message out of the

choir. Her ORIGIN Eco series is a collection of short films that will launch in 2015 with an emphasis on the oceans, endangered species and climate action, filmed in six continents.



Michael Polsky

Founder, President, and CEO, Invenergy, LLC, has nearly 30 years of experience in the energy industry. Invenergy, founded in 2001, develops, owns, and operates large-scale electricity generation assets in North American and European markets. Before Invenergy, Mr. Polsky founded SkyGen Energy LLC in 1991. In less than ten years, he had led SkyGen to develop a 12,000 MW portfolio, before SkyGen was bought by the Calpine Corporation. Mr. Polsky was appointed to Calpine’s Board of Directors and became a senior executive. Prior to forming SkyGen, Mr. Polsky co-founded and was president of Indeck Energy Services, Inc. and led the development of one of the first portfolios of independent power generating assets. Mr. Polsky holds an MBA from the University of Chicago and a Masters in Mechanical Engineering from Kiev Polytechnic Institute.



John Powers

Founder and Board President of the Alliance for Sustainable Colorado, a non-profit incorporated in 2004 to advance sustainability through collaboration. A member of the Greenprint Council, a citizens’ advisory committee to the Mayor of Denver’s Sustainable Development Initiative, a board member of

Colorado Conservation Voters, the Colorado Environmental Coalition, and the Educational Foundation of America. Powers was the Swiss product manager at Microland S. A. in Geneva in 1984-5; and has been the principal of J.P. Powers & Co., concerning real estate investment and ranching interests. Powers holds an M.B.A. from the University of Colorado and a B.A. in History and Psychology from Oberlin College.



John Ramo, M.Ed.

Founder and CEO, Digital Directions International Inc., has over 30 years’ experience in educational technology and distance learning. Mr. Ramo founded and built a successful Washington D.C.-based educational software company and is an award-winning executive producer of educational media and multimedia projects for The Smithsonian Institute, Philips Media and Simon & Schuster. He has worked with Jean Michel Cousteau, John Denver, and Jodie Foster on multimedia projects. Under Mr. Ramo’s leadership, DDI received significant grants from the U.S. Department of Education, the Institute for Education Sciences for research and development of the HELP Math Program, the National Science Foundation and the American Association for the Advancement of Science for the first multimedia encyclopedia of the environment, “Earth Explorer.” Mr. Ramo is a former Special Ed Teacher with a Masters in Education and was awarded a fellowship from American University.

“Today, in directly harnessing the power of the Sun, we’re taking the energy that God gave us, the most renewable energy that we will ever see, and using it to replace our dwindling supplies of fossil fuels.”

—President Jimmy Carter, 1979



Sally Ranney

Co-Founder and President, American Renewable Energy Institute (AREI); Co-Founder, International Women's Earth and Climate Action Network (WECAN), has forty years experience in the environmental arena. She is CEO of Stillwater Preservation, LLC, a wetlands mitigation banking company and a Patron of Nature for the IUCN. Ranney is Chairman of eraGlobal Alliance and an anchor for "A Matter of Degree," an internet series on climate change. Ranney has worked with three U.S. Presidents, including appointed by President Reagan to his Commission on American Outdoors. She now serves on the Global Advisory Committee of Women & the Green Economy (WAGE,) the Advisory Board of RoundRock Partners, LLC. and the board of the Climate Accountability Institute. Recognitions include the Horace Albright Award, the International Conservation Award, Earth Guardians' Earth Stewardship Award, and the Children's Environmental Literacy Foundation (CELFF) Lifetime Achievement Award.



Susan Reilly

President and Chief Executive Officer, RES Americas, is President of RES Canada, Deputy CEO of RES Group and a member of the RES Holdings Board. Reilly has been in the renewable energy industry for more than 15 years, including senior positions with Scottish Power/Iberdrola, PacifiCorp Holdings, and Iberdrola Renewables USA. Her early career was in Principal Investment, within corporate, banking, and private equity environments in the United States and United Kingdom. Reilly holds a B.A. in Economics and Accountancy, and qualified as a chartered accountant with Price Waterhouse Coopers. She is an American Wind Energy Association (AWEA) Board member and AWEA Leadership Council member.



Greg Reitman

Host, Film Director, Writer and Producer, is the 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*, *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.



Rhone Resch

President and CEO, Solar Energy Industries Association (SEIA), is often referred to as the "voice of solar energy in America." As head of SEIA, the national trade association representing more than 1,000 solar energy manufacturers, distributors, contractors, installers, architects, consultants and financiers, Resch is the person responsible for all federal and state advocacy on behalf of the \$12 billion U.S. solar energy industry. Resch helped create the 30% solar investment tax credit, the 1603 Treasury Program, and scores of other forward-looking federal and state policies that have allowed the solar industry to grow.

Rhone holds an M.P.A. in management from Syracuse University's Maxwell School, a Master of Environmental Engineering from SUNY Syracuse, and a B.A. from the University of Michigan. Resch lives with his family in a solar powered home in Washington, D.C.



Mark Reynolds

Executive Director, Citizens Climate Lobby (CCL), joined the staff in 2009 at which point there were only six groups and 24 active volunteers. CCL advocates for a carbon fee and dividend and Reynolds has been the driving force for the growth of the organization causing it to double in size for five consecutive years. There are currently over 179 chapters and more than 6,000 volunteers. Mr. Reynolds wrote and developed the curriculum for training groups and is a sought after keynote speaker on the issues of carbon pricing and building grassroots support. Previously he was an executive director for a publicly traded company, founded and built multiple start-ups and was a productivity and effectiveness consultant for US and Canadian companies.



Graham Richard

CEO, Advanced Energy Economy (AEE), a fast growing national association of businesses working toward a prosperous future based on secure, clean, affordable energy. He provides leadership for the work of AEE's State Coalition, with organizations active on state energy policy in 23 states. Richard served as mayor of Fort Wayne, Indiana, following a 20-year career in business. Under his leadership, Fort Wayne received national recognition and awards for energy saving, job creation, and broadband innovation. As a businessman, Richard was an investor in cogeneration and hydropower businesses. He also served in the Indiana State Senate, chairing the committee responsible for energy and utility legislation. Richard received an Honorary Doctorate in Humane Letters from Indiana University and a B.A. from Princeton University's Woodrow Wilson School of Public and International Affairs.



Jennifer Rigby

Vice President of Live Programming, The Weather Channel, has oversight of all on-air weather coverage and management of the network's on-camera meteorologists. She joined the network in 2010 as multimedia content director and has also held the role of senior director coverage and talent. Prior to The Weather Channel she was senior consultant at SmithGeiger and prior to that she led three Cox newsrooms as news director at WSB Atlanta, WPXI Pittsburgh and WHIO Dayton. Rigby was the first female news director at all three stations, and was the first and only female news director in Atlanta. All three newsrooms won many RTNDA, Emmy and AP awards. Rigby worked at KTVX before graduating from the University of Utah with a bachelor's degree in communication. Rigby is an alumnae of Leadership Atlanta.



Bill Ritter Jr.

Founding Director, Center for the New Energy Economy (CNEE), Colorado State University, was elected as Colorado's 41st governor in 2006. During his four-year term, Ritter established Colorado as a leader in renewable energy by building a New Energy Economy that is creating thousands of new jobs and establishing hundreds of new companies. Ritter enacted an aggressive business-development and job-creation agenda, focused on knowledge-based industries of the future,

initiated sweeping K-12 education reforms and, improved access to quality and affordable health care for as many as 800,000 Coloradans. Before serving as District Attorney, he and his wife Jeannie operated a food distribution and nutrition center in Zambia.



Theodore Roosevelt IV
Managing Director and Chairman of Cleantech Initiative, BARCLAYS

Mr. Roosevelt joined Barclays Capital in September 2008 following a long career at Lehman Brothers where he started in 1972 as a general banker in domestic corporate finance. Mr. Roosevelt received his AB from Harvard and MBA from Harvard Business School. He is a Navy veteran and served at the Department of State as a Foreign Service Officer. Mr. Roosevelt is Board Chair of the Center for Climate and Energy Solutions (C2ES), Secretary of The Climate Reality Project, and member of the Governing Council of the Wilderness Society. He is also Counselor, China-U.S. Center for Sustainable Development and served as a board member of the League of Conservation Voters for nine years.



Rep. Tim Ryan
Ohio Congressman

is a relentless advocate for working families in Ohio's 13th District. He was first elected to the U.S. House of Representatives in 2002. Successfully reelected five times, he is now serving his sixth term. Congressman Ryan serves as a member of the House Appropriations Committee and a member of the House Budget Committee. Ryan serves as co-chairman of the Congressional Manufacturing Caucus. Congressman Ryan is the author of *A Mindful Nation: How a Simple Practice Can Help Us Reduce Stress, Improve Performance, and Recapture the American Spirit*. Previously, he served in the Ohio State Senate. Prior to public office, Ryan was President of the Trumbull County Young Democrats and Chairman of the Earning by Learning program. Ryan resides in Howland, Ohio with his wife Andrea and two children.



Forrest Sawyer
Journalist and Former Anchor, Nightline News ABC

has had a diverse career, first as one of America's most respected television journalists and more recently as an entrepreneur in innovative health care. Mr. Sawyer is an advisor and board member of Edison Pharmaceuticals, the world leader in the study of mitochondrial disease. In addition to unique research and development programs, Edison is building an innovative communication platform. As a journalist, Mr. Sawyer has over 30 years of experience reporting from around the world. A recipient of seven Emmy awards, he is a veteran of ABC, CBS, and MSNBC. He has anchored the ABC magazine programs *Day One* and *Turning Point*, as well as *World News Sunday*, and *Good Morning America*. Mr. Sawyer was the primary replacement anchor for ten years on ABC's *Nightline*.



Cynthia Schmidt
Director, Climate Voices

leads the Scientist Citizen Initiative for the University Corporation for Atmospheric Research (UCAR) and the United Nations Foundation. She is building *Climate Voices*, a network of U.S. scientists who are communicating climate science to local audiences and initiating conversations with fellow citizens about climate change and possible solutions. Prior to this activity, Schmidt directed government affairs for UCAR and its consortium of over 100 North American universities. She is the founding board chair of CO-LABS, a non-profit

organization that is advancing Colorado's competitiveness by connecting the state's federally funded laboratories, research universities, and businesses.



Eric Schnell
Founder and Chief Service Officer, MetaBrand,

is also Co-Founder of Steaz. Throughout the 2000s Schnell pioneered the USDA Organic soda, ice tea and energy drink markets in the US. Schnell is the recipient of the Natural Product Industry's 2007 "Socially Responsible Business Award," as well as three time annual winner of the BevNET.com "Best Product of the Year" Award. Prior to Steaz, Schnell served on the Executive Committee of Country Life Vitamins, and was President of Long Life Tea. In 2010, Schnell Co-Founded I AM enlightened nutrition, an all-natural line of liquid dietary supplements and aromatherapy products. At that time he founded today's largest advisory firm of its kind, MetaBrand—a Quadruple Bottom Line company that supports and serves the next generation of CGP brands.



Larry Schweiger
Former President and CEO, National Wildlife Federation,

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.



Joel Serface
Managing Director, Brightman Energy, LLC,

is an investor and entrepreneur and has worked on clean-tech in Massachusetts, California, Texas, and Colorado and has developed a 198 MW wind energy project. Since 2000, he has started or invested in over 20 clean-tech companies. Serface served as Director of the Austin Clean Energy Incubator at the University of Texas, designed to support clean-tech start-ups' renewable energy development, and clean energy growth. Serface is a founding member of Environmental Entrepreneurs, a community of professionals that believe protecting the environment can build economic prosperity. He has an M.B.A. from the MIT Sloan School of Management and received the "Patrick McGovern Award for Entrepreneurial Leadership." Serface received his B.S. in Chemical Engineering with concentrations in Environmental and Biotech Engineering from the University of Texas at Austin.



John R. Seydel
Trustee Elect, Turner Foundation,

is a rising senior studying political science and business at the University of Denver in Colorado. As the eldest of Ted Turner's grandchildren, he is also the oldest of the trustee elects on the Turner Foundation. He intends to follow a path of developing renewable energy projects while receiving his MBA. John R. has a passion for politics and has interned for the Governor

of Colorado, John Hickenlooper and is actively working on Senator Udall's re-election campaign in Colorado as well. John R. participates in baseball at DU, Divest University of Denver, and is a member of Kappa Sigma to which his grandfather also belongs. In 2010 he graduated with an International Baccalaureate degree from Upper Canada College in Toronto, Canada.



John Rutherford Seydel II

Chairman, The Conservation Fund, is a partner in the firm of Davis, Pickren, Seydel & Sneed, LLP. Seydel is chairman of the board of the School of Ecology at the University of Georgia and a board member of the Georgia Conservation Voters. He is an officer and board member of Paul B. and Mildred Seydel Foundation; an officer of United Nations Foundation; and board member of the Turner Foundation, and the Turner Endangered Species; the Better World Fund, Inc., Ted's Montana Grill and Captain Planet Foundation. Seydel is co-founder and chairman of the Upper Chattahoochee Riverkeeper, Inc. A member of the board of directors for the Turner Environmental Law Clinic at Emory University School of Law and on the advisory board of the Andrew Young School of Policy Studies at Georgia State.



Laura Turner Seydel

Chairperson, Captain Planet Foundation, is an international environmental advocate dedicated to creating a healthy and sustainable future for our children. Laura is a director of the Environmental Working Group to limit the toxic chemicals in food, air, water and consumer products. In 2004, she co-founded Mothers and Others for Clean Air and is currently chair of the board. In 1994, she and her husband co-founded Chattahoochee Riverkeeper. Laura serves on the boards of her family's foundations: The Turner Foundation, Jane Smith Turner Foundation, the Turner Endangered Species Fund, and Ted's Montana Grill. She is vice chair of the League of Conservation Voters Education Fund and sits on the national boards of the League of Conservation Voters, Defenders of Wildlife, Waterkeeper Alliance and the Carter Center Board of Councilors.



Bryan Sherbacow

Co-Founder, President and COO, AltAir Fuels, possesses over 15 years of senior leadership in corporate development of industrial process and financial services with expertise in organizational development, financial structuring, mergers and acquisitions, public offerings, government relations and environmental matters. Over the past eight years he has been an active participant in the U.S. renewable energy sector as a principal investor, officer and director. Sherbacow is a frequent contributor to several renewable energy publications as well as a featured guest on CNBC. From 2008 to 2010, Mr. Sherbacow provided corporate finance, restructuring and mergers and acquisition advisory services to owners, buyers, and sellers of alternative energy assets. Engagements included mergers and acquisition representation for several public companies in the biofuels production space and strategic alternatives analysis for distressed ethanol and biodiesel production facilities.



Steve Skadron

Mayor of Aspen, took 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.



Albert J. Slap

Environmental attorney and law professor, was senior counsel to Biscayne Bay Waterkeeper in the first lawsuit in the U.S. to force local government to make public infrastructure climate ready. Slap's cases against the City of Philadelphia and Cincinnati brought billions of dollars of new wastewater infrastructure and thousands of construction jobs to those cities. Mr. Slap was a Board Member of The Nature Conservancy's Pennsylvania Chapter and Director of TNC's Colorado River Program. He currently serves on The Nature Conservancy's Caribbean Advisory Board. In 2012, Federal Court litigation for Friends of the Everglades, Mr. Slap forced a historic \$880 million settlement to expand pollution filter marshes. Mr. Slap was the 2014 recipient of the Marjory Stoneman Douglas "Defender of the Everglades" Award. Mr. Slap resides in Aspen, CO and Key Biscayne, FL.



Rev. M. Kalani Souza

Storyteller, Musician, Priest, and Mediator, taught Conflict Resolution at the University of Hawaii and was on the Committee for Intense Public Conflict of the Association for Conflict Resolution. Currently, Kalani works as a Coastal Community Resilience Trainer at the National Disaster Preparedness Training Center with the University of Hawaii. Kalani serves as the chairman of the Indigenous Knowledge Hui of the Pacific Risk Management Ohana, working to respond to disasters in the greater pacific region. He serves as a cultural competency consultant for NOAA Pacific Services Center of the Dept. of Commerce. He is a mentor with the Hawaii non-killing effort out of the Spark Matsunaga Center for Peace and as a board member for the Ala Kahakai Trail Association. He is the Executive Director of the Olohana Foundation, focusing on community capacity.



Tom Steyer

Investor, Philanthropist and Advanced Energy Advocate, is President of NextGen Climate, an organization that acts politically to avert climate disaster and preserve American prosperity. Before retiring from the private sector, Tom founded and was the Senior Managing Member of Farallon Capital Management. Tom and Kat created the Oakland-based One PacificCoast Bank and Foundation, which provides loans and banking services to underserved small businesses, communities, and individuals. Tom serves on Stanford's Board of Trustees, where he and his wife founded the TomKat Center for Sustainable Energy and the Steyer-Taylor Center for Energy Policy and Finance. Tom also founded Advanced Energy Economy, which works with businesses to make energy secure, clean and affordable, and Next Generation, which addresses energy and children's policy issues. Tom and Kat live in San Francisco and have four children.



Julienne Stroeve, Ph.D.

Research Scientist, University of Colorado's National Snow and Ice Data Center, 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.



Carol Sturman

President, Sturman Industries, Carol's career began in education, transitioned to real estate, and then into energy related business. In 1989 Carol founded Sturman Industries, an R&D company specializing in the application of digital controls to mechanical systems, based on technology invented by Eddie Sturman. Carol assumed the role of President and led the company's corporate business functions, utilizing her business, sales, and negotiation expertise. In 1995, Carol designed and oversaw the construction of Sturman's award-winning corporate headquarters in Colorado. Carol led the Sturman team in creating their nationally recognized culture: RITE ROAD MAKES SENSE. She is the 2007 recipient of the Society of Automotive Engineers prestigious "J. Cordell Breed Award" for leadership in mobility. With Carol's leadership, Sturman Industries continues to address important environmental, economic, and national security challenges.



Eddie Sturman

Founder, Sturman Industries, was described by a corporate manager as being "one of America's greatest natural resources." Eddie is a leader in improving process control and mechanical system design and has been named as inventor in over 90 US patents throughout his 40-year career. Eddie pioneered 'latching' valves, as a result of developing a more efficient valve for the Apollo space program. His goal for Sturman Industries is to create simple, efficient, needed, safe and economical solutions to the world's mobility, environmental and energy-related problems. His opinion and advice is sought after; from diesel mobility industry representatives, and government leaders looking to solve the problems facing our nation and the world. He earned a Masters degree in Mechanical Engineering from the University of Southern California, and a degree in Business.



Robert Swan, OBE

Officer of the Order of the British Empire, Polar Explorer and 2041 Founder, is one of the world's preeminent polar explorers and environmental leaders. By age 33, Swan became the first person to walk to both the North and South Poles. During his expeditions, Swan experienced the effects of climate change, which shaped his goal to preserve Antarctica. Swan leads expeditions to Antarctica for leadership training, environmental clean-up and education initiatives. The "Inspire Antarctic Expedition" teams helped create the world's first Renewable Energy Education Station in Antarctica. Swan is a United Nations Goodwill Ambassador for Youth and Special Envoy to the Director General of UNESCO. He was awarded the high distinction of OBE, Officer of the Order of the British Empire, and the Polar Medal by Her Majesty the Queen.



Taj Mahal

Musician, Composer, Multi-Instrumentalist and Vocalist, 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.



Kaname Takeya, Ph.D.

CTO, Power Japan Plus, has 27 years of research and experience in advanced materials for photo semiconductors, permanent magnets, multi-layer ceramic capacitors, nickel-metal hydride batteries and lithium rechargeable batteries. He previously served as manager of the advanced materials group at Sumitomo Metal Mining, where he developed the nickel cobalt aluminum cathode for lithium rechargeable batteries used in the Toyota Prius and Tesla Model S. Dr. Takeya contributed to the establishment of the Niihama Research Laboratories and led battery development at start-ups including Quallion and EnerDel. He most recently served as a special term appointee at Argonne National Laboratory, and oversaw the establishment of the laboratory's cathode manufacturing pilot line. Dr. Takeya received his Masters in Engineering from Kyushu University and his PH.D in Engineering from Tohoku University in Japan.



Marilyn Tam

Speaker, best selling Author, Business and Humanitarian leader, was formerly the CEO of Aveda Corp. Tam was President of Reebok Apparel and Retail Group; Vice President of Nike Inc. and a successful entrepreneur who has built four companies. Tam is a contributing writer to *Huffington Post*. She has a weekly radio show, *The Happiness Choice*, with 35 million listeners. Brand Channel lists her as one of the four most prominent names in Ethical Business globally. Among her numerous awards is the "Artemis Award" from the Greek Government and Euro-American Women's Council, and the "Reebok Human Rights Award." From 2004 to 2008, she was an informal advisor to the Government of Bhutan on transitioning the country into the 21st century.



Woody Tasch

Founder and Chairman, Slow Money, is regarded as a pioneer of the concepts of patient capital, mission-related investing, and community development venture capital. Slow Money, the Colorado-based nonprofit alliance, took root in 2009 with Tasch's book *Inquiries into the Nature of Slow Money: Investing as if Food, Farms, and Fertility Mattered*. Tasch served 10 years as chairman of Investors' Circle, was founding chairman of the Community Development Venture Capital Alliance, and treasurer of the Jessie Smith Noyes Foundation during the '90s. Tasch is currently writing a sequel to his recently published eBook, *Staring the Pig in the Face*. To date, Slow Money investors around the country have invested more than \$30 million in more than 200 small food businesses including: farms, creameries, grain mills, local processing, distribution, and seed companies.



Christine Thompson

Senior Vice President, Veremonte, specializes in adding value to Veremonte's properties by evaluating and initiating strategic global partnerships. Utilizing her background in international development and technology, she contributes to the Veremonte executive team's business of incorporating clean energy solutions into a robust global platform mobilized towards addressing climate change through accelerated technological innovation. The FIA Formula E Championship, one of Veremonte's companies, has a diverse array of sustainability-minded partnerships as well as an international presence. Therefore, it is currently serving as a fulcrum for a global movement aimed at improving the state of the planet. Prior to working in investment management, Ms. Thompson was named a William Jefferson Clinton Scholar for her work in global interdependence and the interplay of Middle Eastern political spheres.



David Trickett

Founder, President, The Jefferson Circle, Former President of the Iliff School of Theology in Denver. For more than twenty years starting in 1973, Trickett worked in higher education and the worldwide communities of spiritual insight and practice. Trickett formed The Jefferson Circle, a global teaching practice that focused on providing accessible spiritual and ethical insight connected with executable decision-making for daily operational life in corporations, governments, and NGOs. Trickett chaired the Center for World Religions, Diplomacy, and Conflict Resolution at the Institute for Conflict Analysis and Resolution at George Mason University. In 2006, he was elected to serve as the 13th President of the Iliff School of Theology in Denver, Colorado and served as the Henry White Warren Professor of Ethics and Leadership.



Ted Turner

Chairman, Turner Enterprises, Inc., is founder of CNN and one of the most influential philanthropists in the world. Through his numerous foundations, Turner works to address the planet's most pressing issues, including climate change, nuclear disarmament, global health, environmental protection and renewable energy.

With more than two million acres, Turner is the largest private landowner in the United States. He owns 55,000 bison and his restaurants, Ted's Montana Grill, are in 55 locations. He is the recipient of numerous honorary degrees, industry awards and civic honors, including being named *Time* magazine's 1991 "Man of the Year," *Broadcasting and Cable's* "Man of the Century" in 1999 and one of *Time's* "100 World's Most Influential People" in 2009.



Dymphna van der Lans

CEO of the Clinton Climate Initiative (CCI), oversees the Foundation's climate and energy programs. Prior to CCI, Dymphna served as senior director for public policy programs at the German Marshall Fund (GMF). Before GMF, van der Lans was the director of global renewables, infrastructure, and energy efficiency at a specialist investment banking firm in London. She was BP's Alternative Energy director of distributed energy markets and the Department of Energy selected Dymphna as one of its inaugural ambassadors of its Clean Energy Education and Empowerment (C3E) initiative. Van der Lans is a lecturer at Johns Hopkins SAIS, and holds advanced degrees from Leiden University and the University of Beijing. She earned an MBA from Rice and is a graduate of Dialogos, Leadership for Collective Intelligence, and the Kellogg School of Management.



Johnny Weiss

Co-Founder, Solar Energy International, is a solar educator, consultant, certified Industrial Trainer and solar building professional. He has more than 20 years' experience teaching the practical applications of renewable energy (RE) technologies of solar, wind and water power. As an associate professor for 10 years at the Colorado Mountain College, he helped develop and teach a hands-on vocational training program in solar thermal, photovoltaics, energy efficiency and construction skills. Weiss has extensive practical experience as a natural house builder and licensed general contractor. He is knowledgeable in the environmental building technologies of earth and straw bale construction. Weiss regularly works on RE training programs with Native Americans. He works in international sustainable development programs and projects helping transfer RE technologies to the developing world.



Laura Welch

Philanthropist, has been a driving force in philanthropy leadership in Kansas City, Missouri and Aspen, Colorado for more than 25 years. She has served on the board of more than 25 nonprofit organizations. Welch has been instrumental in establishing and leading new programs, building corporate, community and individual support, and raising millions of dollars. She is President of the Welch Family Foundation since 1991. Her passions include mountain climbing; summiting Mt. Kilimanjaro, Mt. Rainier as well as many Colorado 14'ers. She is actively engaged in Laura Welch and Associates, a company that develops audience engagement solutions for business and philanthropic industries.



Daniel Wildcat, Ph.D.

Professor at Haskell Indian Nations University in Lawrence, Kansas, is an accomplished scholar who writes on indigenous knowledge, technology, environment, and education. He is co-director of the Haskell Environmental Research Studies Center, which he co-founded at Kansas State University. A Yuchi member of the Muscogee Nation of Oklahoma, Dr. Wildcat is the coauthor, with Vine Deloria, Jr., of *Power and Place: Indian Education in America*, and coeditor of *Destroying Dogma: Vine Deloria, Jr., and His Influence on American Society*. Known for his commitment to environmental defense and cultural diversity, Dr. Wildcat has been honored by the Kansas City organization The Future Is Now with the "Heart Peace Award." His newest book, *Red Alert! Saving the Planet with Indigenous Knowledge* will be released later this year.



Todd Wilkinson

Journalist, specializes in reporting on the environment. His critically-acclaimed book *Last Stand: Ted Turner's Quest to Save a Troubled Planet* has been praised for examining how eco-capitalism can be harnessed as a tool for addressing the planet's most pressing environmental challenges. Whether it's "re-wilding" the American West with 55,000 bison, wolves, and grizzly bears, investing in renewable energy to combat climate change, bolstering the mission of the UN, or trying to prevent nuclear terrorism, Turner is considered a 21st-century pathfinder who has redefined how businesses should approach ecological and social responsibility. *Last Stand* has been adopted as required reading for business leaders, college students, NGOs and recently was circulated to every member of Congress and ambassador to the UN.



Morgan Williams

Chief Science Officer, The Biochar Company, is a member of The Environmental Systems Dynamics Laboratory at the University of California, Berkeley where he is a Chancellors Fellow pursuing a PhD in Anthropogenesis - human processes that lead to the creation of soils. Williams co-founded Biochar Solutions Inc, where he developed technologies that convert sequestered carbon from the atmosphere into soil products for land restoration. In this role, his team was recognized by Sir Richard Branson as 1 of 11 Finalists in The Virgin Earth Challenge, a \$25 million prize to sustainably remove carbon from the air in the effort to address climate change. Williams has presented his work in six countries, and believes that soils must serve as the foundation to any discussion about environmental sustainability. He is originally from Carbondale, Colorado.



Timothy E. Wirth

Vice Chair, 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 Programme.



Del Worley

CEO, Holy Cross Energy, has 32 years’ experience in the electric utility business. His experience includes information technology, modeling, rate making, 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 20% by 2015. 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. Worley holds a B.S. in Applied Mathematics from Colorado State University.



Christiana Wylie

Executive Director of Food Climate Nexus, Avatar Alliance Foundation, focuses on reducing consumption of animal based foods in order to mitigate climate change. The Avatar Alliance Foundation convenes global leaders to engage in research and communications to amplify this issue. Before leading this initiative, she was an operating partner at Satori Capital. Christiana’s unique perspective landed her on the cover of *Kiplinger’s* and inside *The New York Times*, *C Magazine*, *the Dallas Morning News*, and *The Herald Tribune* among others. In addition to contributing regularly to *The Huffington Post*, Christiana is a frequent lecturer. Among several board positions, she is on the Executive Committee of Global Green, USA. Christiana inspired her family’s concern for environmental issues, which ultimately led them to found a clean-energy company, Green Mountain Energy.



Peter Yarrow

Musician, is a performer and social activist. His life’s work has been framed by his belief that music of conscience can create strong community and spark positive societal change. Yarrow has used his music to help create a more just, peaceful, and compassionate society. Beginning in the early 1960’s, Yarrow, along with Paul and Mary, reached millions with their music that helped inspire activism and a commitment to advancing positive social change. Equal rights, peace, the environment, gender equality, homelessness, hospice care and education are among the many causes that have moved Yarrow. At present, Yarrow’s main work focuses on his non-profit called Operation Respect (OR) that uses highly effective character development curricula in combination with music to create a climate of respect in over 20,000 schools around the world.



Marci Zaroff

President, “ECO-fashion”; Founder, Under the Canopy, coined the term and pioneered the market for “ECO-fashion,” and has been an internationally-recognized ECOLifestyle entrepreneur, educator, and expert for over two decades. Producer of *THREAD|Driving Fashion Forward*, and Co-Founder of *The Institute for Integrative Nutrition* and *I AM Enlightened Creations*, Marci has been instrumental in driving authenticity, environmental leadership, and social justice worldwide. Currently Director/ Advisor on numerous boards: the Organic Trade Association, Textile Exchange, Fair Trade USA, Fashion Revolution Day, Cradle-to-Cradle’s Fashion Positive, and Teens Turning Green, Marci is featured in *Eco Amazons: 20 Women Who are Transforming the World* and has received countless recognitions, including New York Moves “Power Woman Award,” Fashion Group International’s “Rising Star Award” and a prestigious “Henry Crown Fellowship” of The Aspen Institute.

Congratulations to the AREDAY Summit Award Recipients

“Lifetime Achievement Award”

President Jimmy Carter & Rosalynn Carter

“Green Leadership Award”

Larry Schweiger, Former National Wildlife Federation

“Global Leadership Award”

Timothy E. Wirth, UN Foundation

“The Legacy Award”

The Robert E. Turner Family

“Leadership In Technical Innovations And Solutions”

Graciela Chichilnisky, Global Thermostat

“Climate Hero”

Tom Steyer, Nextgen Climate



Sponsors

Colorado Title Sponsor
Turner Enterprises, Inc.

Aspen Title Sponsor
Formula E
North American Power

Sustainable Planet

Adcock Foundation
Aspen Times
Darnauer Group
E. W. Stetson III
LWA
Origin Magazine
Welch Family Foundation

Renewable

Alliance for Sustainable Colorado
Anonymous
Earthjustice
Eric Ringsby
Green Alpha
Holy Cross Energy
OriginOil
RES Americas
Sturman Industries
The City of Aspen
The Goodwin Foundation
The Sopris Foundation

Green

Core
The Founding Family
Seminole Equity Partners, LLC
Wildlife Protection Solutions



Energy Efficient

LCV Education Fund
Mountain Chevy
Red Idea
Nancy Stetson

In-Kind Contribution

ML Lincoln Films
Nokero Solar

Featured Partners

Advanced Energy Economy (AEE)
The City of Aspen
The Hotel Jerome
United Nations Foundation
We Cycle
The Alliance for a Sustainable Colorado

Media Partners

Always Mountain Time
Aspen Public Radio
Choosing Green
CNN International
KDNK
Sustainability News & Entertainment
The Aspen Times
UTNE Reader
Weather Channel

Production Partners

Colorado Audio Visual

Lodging Sponsors

Aspen Square Condominium Hotel
The Inn at Aspen
Mountain Chalet

Lodging Partners

Hearthstone House
Hotel Aspen
Hotel Lenado
Hotel Jerome
Independence Square Hotel
Limelight Hotel
The Little Nell
Molly Gibson Lodge
Mountain House Lodge
Prospector Condominiums
Sky Hotel
St. Moritz Lodge & Condominiums

Program & Printing

Kristen DeMay
Gran Farnum Printing
Lucy Kessler
Ashley Rowan
Abby Stern
Sue Winters

Special Thanks

Lucy Kessler
Book Train
The Hotel Jerome
Jean Owen



Accelerating Solutions for The Great Transition

Volunteers

Sam Bacon
Natalie Cristo
Kelly Gallagher
Matt Greenlund
David Harding
Timothy Haas
Lilly Justice
Taylor Justice
Whitney Justice
Robert Justis
Julie Lampton
Brooke Lederer
Larry Lederer
Chris Lemire
Ronald Lemire
Madeline Lieb
Sharon London
Rusty Low
John Matheson
Macey Morris
Annie Murphy
Jean Owen
DiAnn Papp
Amelia Potvin
Curtis Scheib
Daniele Smith
Steve Stevens
Bainy Suri
Wade Vernon
Robert Wisniewski



Core Team

Chip Comins *Chairman and CEO*
Sally Ranney *President AREI/Co-Founder
AREDAY Summit*
Abby Stern *Program Manager and Special
Assistant to the CEO*
Karin Evans *Program Manager and Special
Assistant to the President*
Jeanette Darnauer *PR and Marketing*
Janice Hall *Strategic Partnerships and
Communications*
Barclay Lottimer *Production Manager*
Sue Winters *Website Manager and
Production Coordinator*
Kristen DeMay *Graphic Designer*
Ashley Rowan *Program and
Housing Coordinator*
Lindsay Sack *Intern*
Brandon Sack *Intern*
Whitney Justice *Volunteer Coordinator*



Board of Directors - AREI

Michael Bowman *25x'25*
Graciela ChichinInisky *Global Thermostat*
General Wesley Clark *Growth Energy*
Chip Comins *AREI*
Dr. Sylvia Earle *Mission Blue*
Robert Gough *Intertribal Council on
Utility Policy (COUP)*
Jan Hartke *Clinton Climate Initiative*
David Orr *Oberlin College*
Andrew Quiaf *Illiff School of Theology*
Sally Ranney *AREI, WECAN*
Eric Ringsby *Real Estate Investor*
Joel Serface *Brightman Energy*
Kenneth Sack *Eagle Springs Organic*



Advisory Board

Tom Boucher *Native Energy*
Jim Calaway *Aspen Institute*
Richard Eidlin *The Apollo Alliance*
Larry Flowers *AWEA*
Kimberly Kupiecki *Edelman*
Brook LeVan *Sustainable Settings*
John McBride *Sopris Foundation*
Mona Newton *CORE*
Phil Overyender *City of Aspen Public Works*
Kim Peterson *NREL*
John Powers *Alliance for a Sustainable
Colorado*
Johnny Weiss *Solar Energy International*

Sponsors for the President Carter Luncheon

Welch Family Foundation



“There is a sufficiency in the world for man’s need but not for man’s greed.” — Mohandas K. Gandhi



AREDAY Notes

AREDAY Notes



Turner Enterprises, Inc. (TEI), a private company, manages the business interests, land holdings and investments of Ted Turner, including the oversight of two million acres in 12 states and in Argentina, and more than 55,000 bison.

TEI also works closely with Turner's philanthropic and charitable interests, including the founding and ongoing operations of the **United Nations Foundation, Nuclear Threat Initiative, Turner Foundation, Captain Planet Foundation**, and the **Turner Endangered Species Fund**. Turner Enterprises is headquartered in the Turner Building in Atlanta, Georgia, also home to the Ted's Montana Grill restaurant chain and Turner Renewable Energy.

Power for change.



When our founders Kerry Breitbart and Carey Turnbull, two of the most seasoned and successful energy executives in the United States, started North American Power they did so with one thing in mind: **Great things happen when you give individuals the power to change the world around them.**

It's a simple idea but it's powerful too. Powerful enough to take us from a few passionate people in a 700 sq. ft. sublet, to a leader in providing individuals with the ability to embrace their financial futures. All by allowing them to tap into a resource that everybody uses every single day. **Energy.** Simply by offering competitive rates to electric and gas customers, we've managed to offer much needed relief to hundreds of thousands of families, saving millions of dollars in a time of economic uncertainty. And, every one of our products helps protect the environment by funding renewable energy and carbon offsets as well as giving to charitable organizations across the globe.



Formula E is a brand new FIA championship featuring Formula cars powered exclusively by electric energy. It represents a vision for the future of the motor industry over the coming decades, serving as a framework for research and development around the electric vehicle, accelerating general interest in these cars and promoting sustainability.

Commencing in September 2014 through to June 2015, the Championship will compete in the heart of 10 of the world's leading cities. Operating as an 'open championship', the series gives car manufacturers and constructors the opportunity to showcase their electrical energy innovations in a racing environment, designing cars to the technical specifications set out by the FIA. The Championship centres around three core values of Energy, Environment and Entertainment and is a fusion of engineering, technology, sport, science, design, music and entertainment - all combining to drive the change towards an electric future.



IN HONOR AND MEMORY of three giants who were not only essential to the beginnings of AREDAY and the subsequent establishment of the American Renewable Energy Institute, but were also tremendous leaders and advocates for a sustainable world based on clean, renewable energy for generations to come.

Pat Spears, 1950-2012

Randy Udall, 1951-2013

Helen Klanderud, 1937-2013

*Thank you for your global vision
and local leadership.*

Thank you to all our sponsors and partners for making AREDAY possible.



COLORADO TITLE

Jerl Turner
TURNER ENTERPRISES, INC.



ASPEN TITLE

Power for change.
North American Power®




SUSTAINABLE PLANET

DARNAUER GROUP
marketing • public relations



E.W. Stetson III

Welch Family Foundation



THE ASPEN TIMES

Adcock Foundation



RENEWABLE

Eric Ringsby



Green Alpha

The Goodwin Foundation



Anonymous



GREEN



Seminole Equity Partners, LLC



ENERGY EFFICIENT



Nancy Stetson



“From Competition to Collaboration”



is carbon neutral with Renewable Energy Credits and Carbon Offsets provided by Native Energy.



Recycled & Recyclable
www.areday.net