

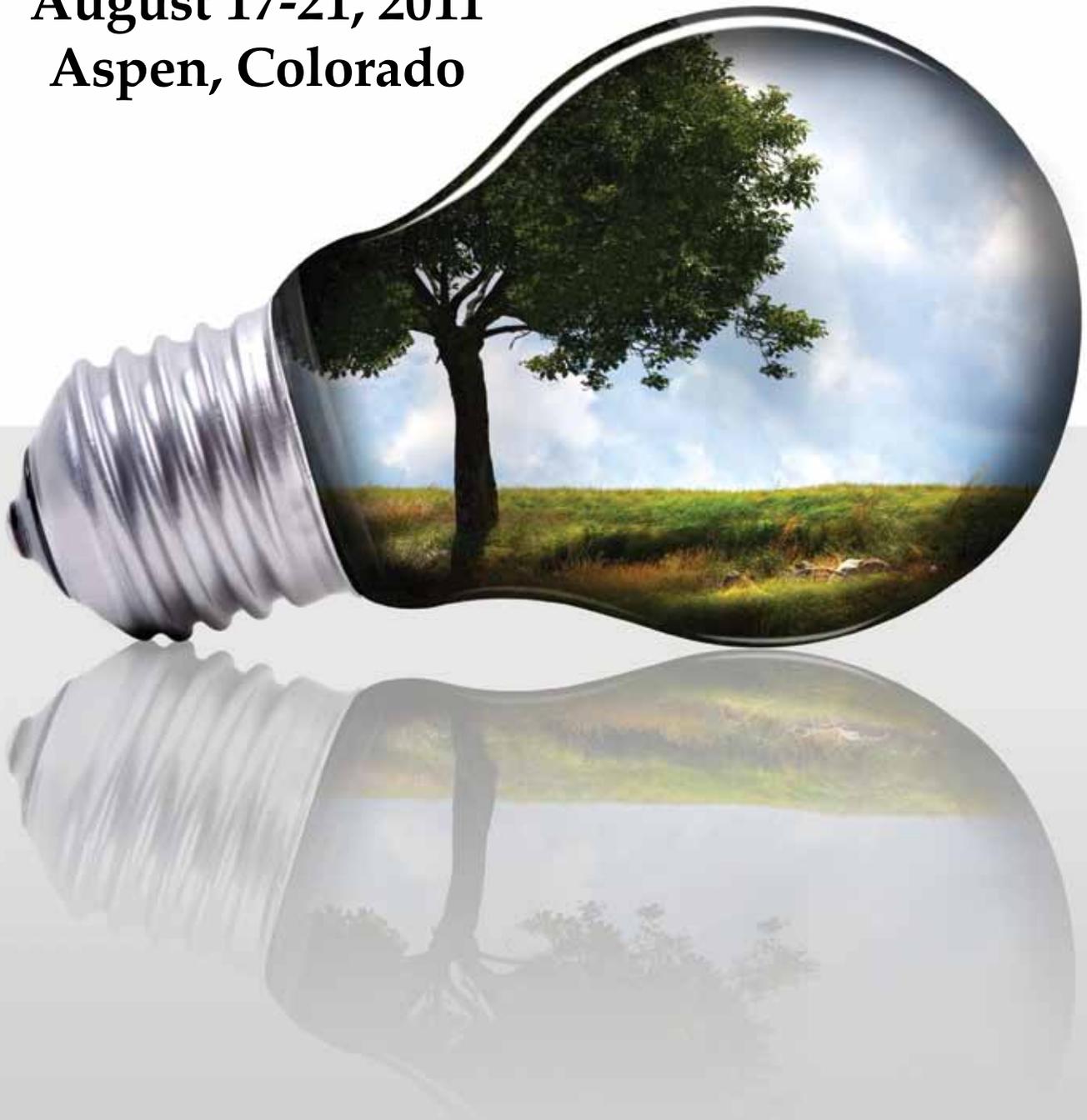
8th Annual

ARE DAY

American Renewable Energy Day™

August 17-21, 2011

Aspen, Colorado



**Putting the Green in Green:
Monetizing Carbon in the Global Economy**

“To truly transform our economy, protect our security, and save our planet from the ravages of climate change, we need to ultimately make clean, renewable energy the profitable kind of energy.”

— Barack Obama

In memory of

Ray Anderson

founder of Interface Inc, a visionary pioneer in sustainable business and an environmental hero.

Charles J. Wyly Jr.

businessman, entrepreneur and philanthropist.



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.

Putting the GREEN in GREEN

Monetizing Carbon in the Global Economy

WELCOME to the 8th annual American Renewable Energy Day Summit and Expo 2011, **"Putting the Green in Green: Monetizing Carbon in the Global Economy."**

The time to act is NOW.

Why? In 2011, we reached an astounding 7 billion people on the planet. The United States is only 4% of the world's population and yet America consumes 30% of the world's natural resources and emits 25% of the world's carbon dioxide. By burning fossil fuels, the United States is a major contributor to global climate change. Congress failed to pass climate legislation and the world was unable to reach an international climate treaty at COP-16 in Mexico. We all have watched the results of climate change unfold before our very eyes: floods, heat waves, blizzards, landslides, hurricanes, and droughts. It is estimated that nearly a quarter million people died worldwide from weather-related events in 2010, more than have been killed from terrorist attacks over the last four decades.

The United States is not the only contributor to climate change. China recently surpassed the U.S. in global emissions. But on the other hand, China is setting goals to reduce carbon emissions within the next twenty years. Brazil is also taking action towards reducing deforestation emissions and Germany is investing in solar energy in response to Japan's Fukushima disaster. With the lack of an international treaty to manage emissions worldwide, the opportunity for innovative technology, renewable energy, and energy efficiency can step up and solve the emissions problem, while simultaneously creating a global clean energy economy.

The theme of the 2011 AREDAY Summit is *Putting the Green in Green: Monetizing Carbon in the Global Economy*. The Summit gathers visionaries, politicians, educators, and business leaders to address solutions to the pressing problems facing humanity. Because climate change is a whole systems problem requiring whole systems solutions, we have designed the Summit to foster cross-sector dialogue and promote advanced thinking and conversations. This year, the AREDAY Summit will feature six tracks of focus including: Climate Investments; Energy Solutions; Governance and Policy; Climate Literacy and Communication; Food, Water and Human Health and Natural Systems in Jeopardy. We have designed the Summit to foster multidisciplinary cross-sector dialogue to promote systemic thinking and conversation through roundtable discussions at the conclusion of each day. These conversations provide a summary of each day's presentations and conclusions and feed directly into the creation of the AREDAY Roadmap. The resulting Roadmap encapsulates the four days of conversations, recommendations, needs and advice, providing a blueprint going forward helping to define and advance global solutions.

Accepting the science of climate change is not a choice. The jury is in. Human-induced carbon output into the atmosphere is the tipping point. Abraham Lincoln formed the National Academy of Sciences to create political policy based on geo-physical reality. To that end, AREDAY was founded to promote leadership and cross-sector collaborations. AREDAY believes the most promising solutions to climate change include: renewable energy, energy efficiency, private sector engagement, political will and public awareness.

We extend our sincere gratitude to our sponsors for your generous support. A special acknowledgement goes to the distinguished speakers and presenters for making the effort to be here in order to share their expertise and perspectives.

Thank you to all AREDAY participants for your commitment to work together for a healthy planet and a sustainable future.



Chip Comins
AREDAY Director



Sally A. Ranney
AREDAY Co-Director





Thursday, August 18

HOTEL JEROME

World on Edge: Where We Stand Today — Host of the Day **Heidi Cullen** *Climate Central*

7:00 AM	Continental Breakfast	2:00 PM	Armchair Conversation: Clean Tech Perspective from Capital Hill US Representative Earl Blumenauer in conversation with Gene Karpinski <i>League of Conservation Voters (LCV)</i>
8:00 AM	Opening Prayer & Blessing Chief Arvol Looking Horse	2:30 PM	Break
8:15 AM	AREDAY 2011 Welcome Chip Comins <i>AREDAY Director</i> Sally Ranney <i>AREDAY Co-Director</i>	2:45 PM	Keynote Remarks: The 3D World of Renewable Energy and Green Living: Your Personal Virtual Earth Community Website Carla Johnson <i>EarthvisionZ</i>
8:30 AM	Keynote Remarks: The New Normal Heidi Cullen <i>Climate Central</i>	3:00 PM	Think Global, Act Local Moderator: Nathan Ratledge <i>Community Office for Resource Efficiency (CORE)</i> Piper Foster <i>Community Office for Resource Efficiency (CORE)</i> Lauren McDonell <i>City of Aspen, Canary Initiative</i> Steve Casey <i>Holy Cross Electric</i> Alice Hubbard Laird <i>CLEER</i>
8:45 AM	Keynote Remarks: A New Vision Lester Brown <i>Earth Policy Institute</i>	3:45 PM	Keynote Remarks: Biochar - A Step Towards Turning Carbon Liabilities into Carbon Solutions Morgan Williams <i>Biochar Solutions, Inc</i>
9:00 AM	Keynote Remarks: The Action Plan Jigar Shah <i>Carbon War Room</i>	4:00 PM	Keynote Remarks: Creating Opportunities for Clean Technology Trip Van Noppen <i>Earthjustice</i>
9:15 AM	The Path to a Low Carbon Future Moderator: Bryan Martel <i>Environmental Capital Group</i> Tisha Conoly Schuller <i>Colorado Oil and Gas Association</i> Larry Flowers <i>American Wind Energy Association (AWEA)</i> Phil Radford <i>Greenpeace</i> Rhone Resch <i>Solar Energy Industries Association (SEIA)</i> Jerry Peterson <i>University of Colorado Physics Dept</i>	4:15 PM	Climate and the Law Trip Van Noppen <i>Earthjustice</i> Mary Wood <i>University of Oregon School of Law</i> Howard Learner <i>Environmental Law and Policy Center</i>
10:15 AM	Break	4:45 PM	Keynote Remarks: Global Warming's Six Americas Anthony Leiserowitz <i>Yale School of Forestry</i>
10:30 AM	Keynote Remarks: Putting Climate in Context Kirk Johnson <i>Denver Museum of Nature and Science</i>	5:00 PM	The Climate Change Mis-Information Campaign Moderator: Kelly Rigg <i>Global Campaign for Climate Action</i> Heidi Cullen <i>Climate Central</i> Anthony Leiserowitz <i>Yale School of Forestry</i> Julienne Stroeve <i>National Snow and Ice Data Center</i> Bryan Martel <i>Environmental Capital Group</i>
10:45 AM	Keynote Remarks: Innovating America's Clean Energy Future: NOAA Science at Work Dr. Jane Lubchenco <i>National Oceanic and Atmospheric Administration (NOAA)</i>	6:00 PM	Cross Sector Roundtable <i>Roundtable participants will be selected from speakers of the day.</i> Facilitator: Heidi Cullen <i>Climate Central</i>
11:15 AM	The Business of Going Green Moderator: Ann Davlin <i>Carbon War Room</i> Jigar Shah <i>Carbon War Room</i> Michael Polsky <i>Invenergy, LLC</i> Hunter Lovins <i>Natural Capitalism Solutions</i>	6:30 PM	Meet and Greet Soiree The Antler Bar - Hotel Jerome Cash Bar and Heavy Hors d'Oeuvres
12:00 PM	Luncheon - Buffet/Box Lunches Available	8:00 PM	Evening Program - Jerome Ballroom Screenings and Conversations with Producers Peter Byck <i>Carbon Nation</i> and Louie Psihoyos <i>Oscar Winning Director of The Cove</i>
12:15 PM	Luncheon Keynote: Saving Civilization - Climate Change Impacts On Humanity Lester Brown <i>Earth Policy Institute</i>		
12:45 PM	Luncheon Concludes		
1:00 PM	State of the World's Natural Systems Moderator: Sally Ranney <i>AREDAY</i> Larry Schweiger <i>National Wildlife Federation</i> Phil Radford <i>Greenpeace</i> Lester Brown <i>Earth Policy Institute</i> Jon Freedman <i>GE Power & Water</i>		
1:45 PM	Keynote Remarks: Saving the World One Community at a Time Earl Blumenauer <i>US Representative</i>		

Putting the GREEN in GREEN

Monetizing Carbon in the Global Economy

Friday, August 19

HOTEL JEROME

The Future of Energy — Host of the Day **Governor Bill Ritter** *Center for the New Energy Economy, CSU*

- 7:00 AM Continental Breakfast**
- 8:00 AM Opening Prayer & Blessing**
Chief Arvol Looking Horse
- 8:10 AM Introductory Remarks: Recap from Thursday**
Chip Comins *AREDAY Director*
Sally Ranney *AREDAY Co-Director*
- 8:30 AM Keynote Remarks: The Colorado Story and Beyond**
Gov. Bill Ritter *Center for the New Energy Economy, CSU*
- 8:45 AM Keynote Remarks: Step by Step, State by State**
Heidi VanGenderen
American Council of Renewable Energy (ACORE)
- 9:00 AM Keynote Remarks: Community by Community**
David Orr *Oberlin College*
- 9:15 AM In the Black with Green - Converting to a Clean and Carbon Currency**
Moderator: Kimberly Kupiecki *Edelman Clean Technology*
Dick Williams *Shell WindEnergy*
Kevin Smith *SolarReserve*
Michael Polsky *Invenergy LLC*
Howard Learner *Environmental Law and Policy Center*
- 10:15 AM Break**
- 10:30 AM Armchair Conversation: Empire State Building - American Efficiency at Work**
Moderator: Chip Comins *AREDAY*
Anthony Malkin *Malkin Securities*
Amory Lovins *Rocky Mountain Institute*
- 11:15 AM Keynote Remarks: Smart Grid - How Energy from Anywhere can Reach Everywhere**
Jim Marston *Environmental Defense Fund*
- 11:30 AM Putting Renewables to Work**
Moderator: Bracken Hendricks *Center for American Progress*
Gov. Bill Ritter *Center for the New Energy Economy, CSU*
Mike Haas *Orion Energy*
Kevin Smith *SolarReserve*
- 12:10 PM Luncheon - Buffet/Box Lunches Available**
- 12:20 PM Luncheon Armchair Conversation: Clean Energy is National Security**
Moderator: Jim Calaway *Aspen Institute*
T. Boone Pickens *BP Capital*
Gen. (Ret) Wesley Clark *Growth Energy*
Vice Admiral Dennis McGinn *American Council on Renewable Energy (ACORE)*
- 1:20 PM Luncheon Concludes**
- 1:30 PM Clean Energy Access**
Moderator: Reid Detchon *UN Foundation*
Allison Archambault *EarthSpark International*
Bob Gough *Intertribal Council on Utility Policy*
Ron Benioff *National Renewable Energy Lab NREL*
- 2:15 PM The Natural Gas Transition**
Moderator: Timothy E. Wirth *UN Foundation*
T. Boone Pickens *BP Capital*
Gov. Bill Ritter *Center for a New Energy Economy*
Fred Julander *Julander Energy*
Tisha Conoly Schuller *Colorado Oil and Gas Association*
Rich Ward *Aspen Science Center*
- 3:15 PM Keynote Remarks: Recharging Colorado**
TJ Deora *Governor's Energy Office*
- 3:30 PM Break**
- 3:45 PM Keynote Remarks: Racing Towards a Sustainable Future**
Leilani Munter *Carbon Free Girl*
- 4:00 PM Biofuels**
Moderator: Mike Bowman *Sustainable Biodiesel Alliance*
Leilani Munter *Carbon Free Girl*
John Casey *Green Fuel Technologies*
Aaron Perry *RecycOil, LLC*
Alex Major *Green Flight Foundation*
**Biofuels panel brought to you by Izod IndyCar and R2EI*
- 4:45 PM Shooting for the Moon with Clean Technology**
Moderator: Chip Comins *AREDAY*
Eddie Sturman *Sturman Industries*
Daryl Hannah *Sustainable Biodiesel Alliance*
Mike Bowman *Sustainable Biodiesel Alliance*
- 5:15 PM Communicating the Message**
Moderator: Kelly Rigg *Global Campaign for Climate Action*
Anthony Leiserowitz *Yale School of Forestry*
Bob Perkowitz *ecoAmerica*
William Buzenburg *Center for Public Integrity*
Bryan Welch *Mother Earth News*
- 6:00 PM Cross Sector Roundtable**
Roundtable participants will be selected from speakers of the day.
Facilitator: Gov. Bill Ritter *Center for a New Energy Economy*
- 8:00 PM Evening Program: Jerome Ballroom**
Presentation of the AREDAY Awards
Armchair Conversation: The Business of Philanthropy - Ted Turner and Tom Steyer in conversation with Sally Ranney



Saturday, August 20

HOTEL JEROME

Putting the Green in Green — Host of the Day Jigar Shah Carbon War Room

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| <p>7:00 AM Continental Breakfast</p> <p>8:00 AM Opening Prayer & Blessing
Chief Arvol Looking Horse</p> <p>8:15 AM Introductory Remarks: Recap from Friday
Chip Comins <i>AREDAY Director</i>
Sally Ranney <i>AREDAY Co-Director</i></p> <p>8:30 AM Keynote Remarks: Can a Leopard Change its Spots? Breaking the Gridlock in Washington
Larry Schweiger <i>National Wildlife Federation</i></p> <p>8:45 AM Keynote Remarks: How to Mobilize in the Absence of Federal Energy Policy and International Climate Treaties
Timothy E. Wirth <i>United Nations Foundation</i></p> <p>9:15 AM Keynote Remarks: Reinventing Fire
Amory Lovins <i>Rocky Mountain Institute</i></p> <p>9:45 AM Armchair Conversation: Lessons from Prop 23
Larry Schweiger <i>National Wildlife Federation</i>
Tom Steyer <i>Farallon Capital Management</i></p> <p>10:30 AM Break</p> <p>10:45 AM Perspectives on Financing Renewable Projects
Moderator: Ann Davlin <i>Carbon War Room</i>
Rod Eckhardt <i>Round Rock Partners</i>
Chris Diaz <i>Seminole Financial Services</i>
Peter Mostow <i>Wilson Sonsini Goodrich & Rosati</i>
Jim Coombes <i>RECSolar</i></p> <p>11:30 AM Carbon Negative Technology
Moderator: Chip Comins <i>AREDAY</i>
Graciela Chichilnisky <i>Global Thermostat</i>
Peter Eisenberger <i>Global Thermostat</i>
John Perry Barlow <i>Algae Systems</i>
Matthew Atwood <i>Algae Systems</i></p> <p>12:15 PM Keynote Remarks: The Next Ten Years of Renewable Energy
Vice Admiral Dennis McGinn <i>American Council on Renewable Energy (ACORE)</i></p> <p>12:30 PM Luncheon - Buffet/Box Lunches Available</p> <p>12:45 PM Luncheon Armchair Conversation: Can Hollywood Bridge the Gap Between Science and Popular Culture?
Moderator: Paul Young <i>Principato-Young Entertainment</i>
Daryl Hannah <i>Actress</i>
Chevy Chase <i>Actor</i></p> <p>1:15 PM Luncheon Concludes</p> | <p>1:30 PM Institutional and Private Investments in a Clean Energy Future
Moderator Sally Ranney <i>AREDAY</i>
Debra Schwartz <i>MacArthur Foundation</i>
Tony Pandjiris <i>Morgan Stanley Smith Barney</i>
Joel Serface <i>Kleiner Perkins Caufied & Byers</i></p> <p>2:00 PM Keynote Remarks: Climate Capitalism
Hunter Lovins <i>Natural Capitalism Solutions</i></p> <p>2:20 PM Feed-in-Tariffs
Moderator: Katie Hoffner <i>Prieto Battery, Inc</i>
Piper Foster <i>Sopris Foundation</i>
Craig Lewis <i>Clean Coalition</i>
Randy Hayes <i>Foundation Earth</i>
Andreas Kraemer <i>Ecologic Institute</i></p> <p>3:05 PM Keynote Remarks: The ACE Assembly - Inspiring Youth to Climate Solutions
Pic Walker <i>Alliance for Climate Education</i></p> <p>3:20 PM Armchair Conversation: Leveraging Women's Leadership for Climate Change Solutions
Osprey Orielle Lake <i>Women's Earth and Climate Caucus</i>
Sally Ranney <i>AREDAY</i>
Kathleen Rogers <i>Earth Day Network and WAGE</i>
Gail Schwartz <i>Colorado State Senator</i></p> <p>3:50 PM Break</p> <p>4:00 PM Keynote Remarks: "Common Sense" From the Next Generation
Alec Loorz <i>iMatter Campaign</i></p> <p>4:10 PM Climate Change Literacy and Education
Moderator: Chip Comins <i>AREDAY</i>
Jayni Chase <i>Green Community Schools</i>
Maria Snyder <i>Eco Boys and Girls</i>
Alec Loorz <i>iMatter Campaign</i></p> <p>4:50 PM Investing in Our Soil, Our Health - Rebuilding Local Food Sheds
Moderator: Brook Le Van <i>Sustainable Settings</i>
Woody Tasch <i>Slow Money</i>
Bryan Welch <i>Mother Earth News</i>
Martin Oswald <i>Pyramid Bistro</i></p> <p>5:30 PM Cross Sector Roundtable
<i>Roundtable participants will be selected from speakers of the day.</i></p> <p>7:30 PM Gala Reception
<i>To benefit AREDAY and OceanElders Space is Limited Registered Gala Ticket Holders Only See page 6</i></p> |
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Putting the GREEN in GREEN

Monetizing Carbon in the Global Economy

Sunday, August 21

HOTEL JEROME

Engaging America's Moral Compass: The Path Forward

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| 8:00 AM | Continental Breakfast | 10:30 AM | Break |
| 9:00 AM | Introductory Remarks: Recap from Saturday
Chip Comins <i>AREDAY Director</i>
Sally Ranney <i>AREDAY Co-Director</i> | 10:45 AM | Cross Sector Roundtable
<i>Roundtable participants will be selected from speakers of the Summit.</i> |
| 9:15 AM | Keynote Remarks: Merchants of Doubt
Naomi Oreskes <i>University of California, San Diego</i> | 12:00 PM | Closing Prayer
Chief Arvol Looking Horse
Closing Remarks
Chip Comins <i>AREDAY Director</i>
Sally Ranney <i>AREDAY Co-Director</i> |
| 9:35 AM | Dominion or Stewardship?
Moderator: Chip Comins <i>AREDAY</i>
Larry Schweiger <i>National Wildlife Federation</i>
Bryan Welch <i>Mother Earth News</i>
David Trickett <i>Iliff School of Theology</i>
Richard Cizik <i>National Association of Evangelicals (NAE)</i> | | |

OF SPECIAL NOTE:

-  **Book Signings in the Foyer during the Breaks**
Thursday *Lester Brown*
Friday *Bryan Welch*
Saturday *Graciela Chichilnisky*
Sunday *Naomi Oreskes*
-  **Aspen Yoga Society**
Join The Aspen Yoga Society and Gina Guarascio Murdock in downtown Aspen at Paepcke Park on **Saturday, August 20th from 9-11am** at the First Annual Yoga in Action Day in partnership with AREDAY (American Renewable Energy Day).
-  **Chair Massage at the Summit provided by:**
Katrina Johnson, Kendra Lane, Susanna Post
Affordable Massage 4 The Under Served Population (AM4TUP) - a non-profit renewing the energy of humans!
-  **AREDAY Awards Include:**
"The AREDAY Stepping Up to the Plate Award"
"The AREDAY New Energy Economy Award"
"The AREDAY Ecosystems Hero Award"
Presented Friday at 8pm.
-  **AREDAY is made 100% Carbon Neutral by Native Energy.**

AREDAY EXPO!

Saturday, August 20, 2011
12pm-6pm

EXPO! is located at Wagner Park and on the Cooper St. Mall

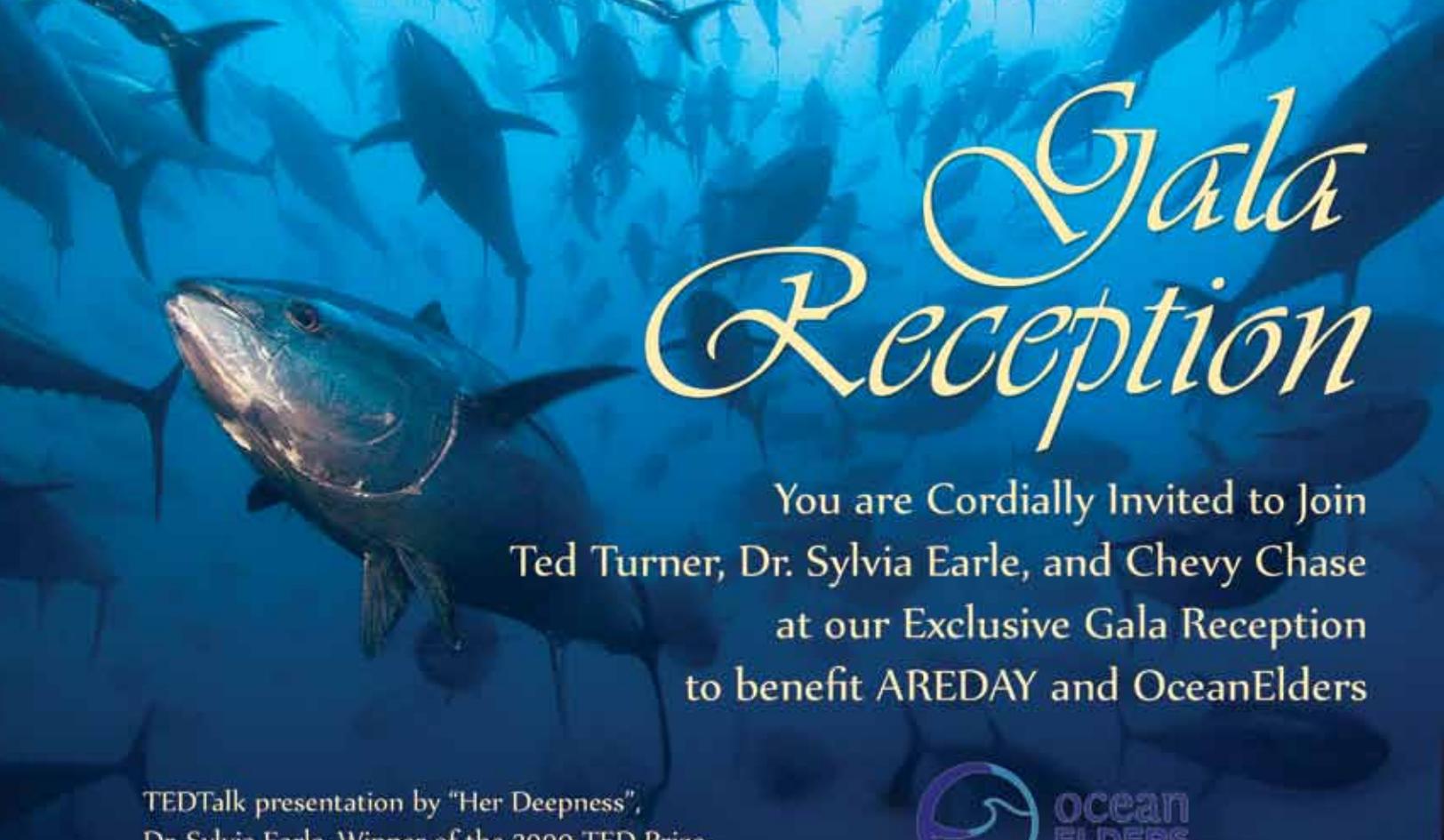
Music by "Salem"

All activities at the AREDAY EXPO are free and open to the public.

Our Exhibitors include local, state and national businesses, utilities, and other organizations who incorporate renewable energy technologies and promote cutting-edge energy efficient and green practices, products and services. Throughout the day there will be interactive displays of these technologies, including alternative fuel vehicles, solar panels, "green domes", hydrogen engines and other "hands on" demonstrations.

Music, entertainment and other events will create a festive atmosphere that can be enjoyed by the whole family.

New this year we have included roundtable discussions regarding the latest in state, regional and local environmental issues, which will focus on how green businesses can prosper in a recessionary economic climate.



Gala Reception

You are Cordially Invited to Join
Ted Turner, Dr. Sylvia Earle, and Chevy Chase
at our Exclusive Gala Reception
to benefit AREDAY and OceanElders

TEDTalk presentation by "Her Deepness",
Dr. Sylvia Earle, Winner of the 2009 TED Prize



Ted Turner and Sylvia Earle
in conversation with Sally Ranney

Preview scenes from Bob Nixon's documentary "Mission Blue"
A Video Address from Sir Richard Branson
Preview scenes from a Louie Psihoyos film
Silent Auction - Chaired by Margot Moselle
Music Entertainment by HONEYHONEY

Please register promptly. Space is limited.
Purchase your ticket(s) online at www.areday.net
\$450 per person/\$750 per couple

Host Committee

Sally Ranney
Chip Comins
Gigi Brisson
Sarah Woodberry
Cynthia Andrews
William F. Orthwein
Glenda and Gerald Greenwald
Gina and Jerry Murdock
Louie Psihoyos
Tricia Quick
Kim Robson
Laura and Lantz Welch
Cheryl and Sam Wyly

Sponsors

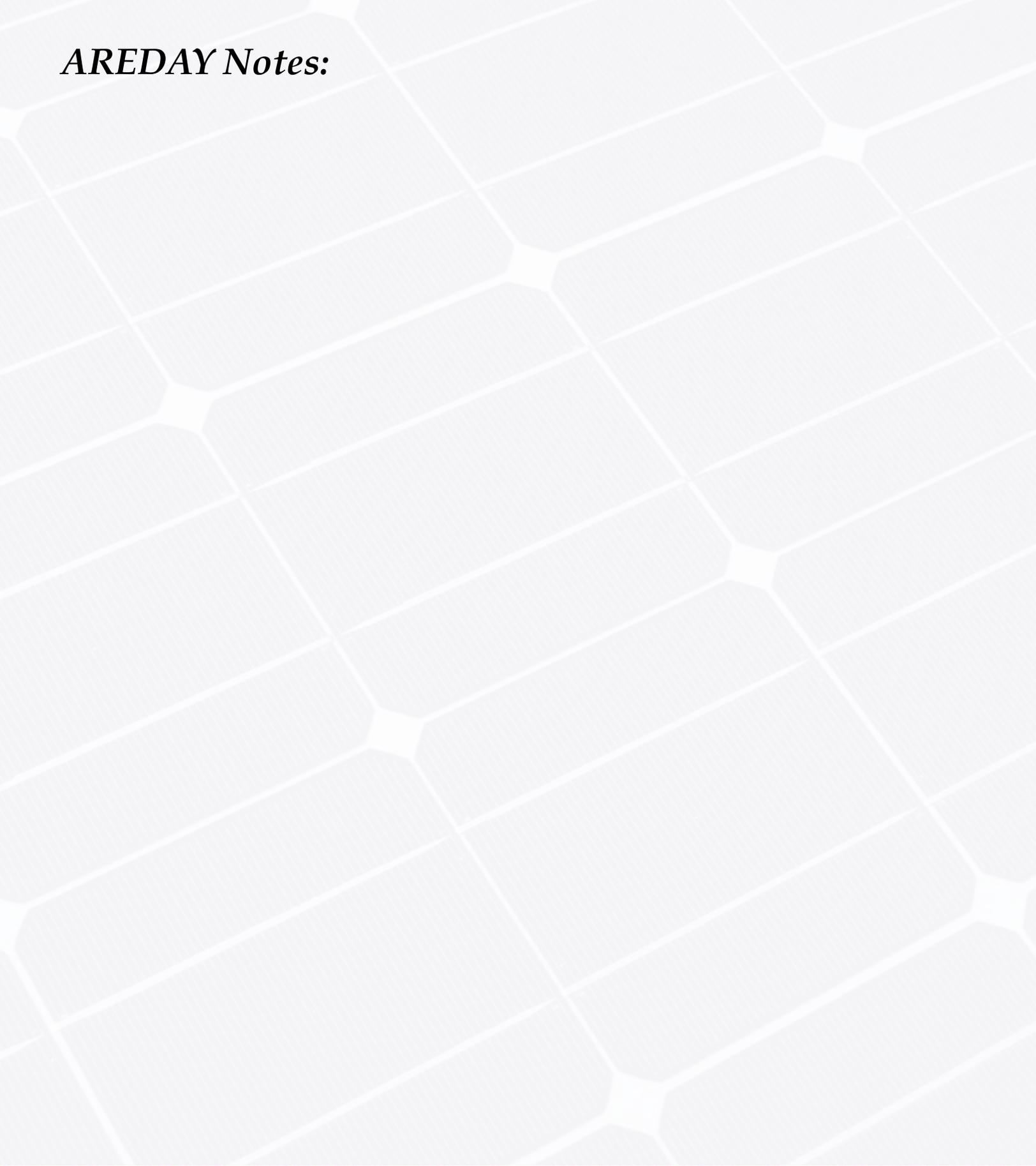
Woodberry ITA Group
the20 wines
Pyramid Bistro
Aspen Peak Magazine
Southern Wine and Spirits
New Belgium Brewing Company
Smiddy Lirno
Edelman
Sustainable Settings





*Putting the GREEN in GREEN
Monetizing Carbon in the Global Economy*

AREDAY Notes:





Allison Archambault

President of 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.



Matthew Atwood

Founder and President, Algae Systems LLC, is an entrepreneur with expertise in biofuel and other sustainable technology development, project engineering, project finance, organizational management, and information technology systems. Before founding Algae Systems,

he conducted an exhaustive global search of various algae cultivation technologies in addition to comprehensive engineering and business development efforts on several large-scale biofuel production and manufacturing facilities. He serves as an advisor and board member to several nonprofit organizations that are involved in such diverse fields as energy policy, hunger relief on Native American reservations, healthcare, and the performing arts.



John Perry Barlow

Managing Partner at Algae Systems, is a retired Wyoming rancher (and native), a former lyricist for the Grateful Dead, and the co-founder of the Electronic Frontier Foundation, a civil liberties organization which has been protecting the free flow of information on the Internet since 1990. He

remains on the board of that organization. He has been writing about society in Cyberspace since 1988 and was first to apply that name to the global social space it presently describes. He was a founding Fellow at Harvard Law School's Berkman Center for Internet and Society and is presently engaged in starting a company, Algae Systems, that aspires to turn sewage into carbon negative jet fuel. He is the father of three daughters and his primary aspiration is to be a good ancestor.



Ron Benioff

Manager, International Programs, National Renewable Energy Laboratory (NREL), directs the laboratory's renewable energy and energy efficiency research and development activities, deployment programs, and energy analysis initiatives with other countries and international institutions. This

includes work on biofuels, buildings, geothermal, solar, vehicles, wind and ocean technologies, assessments, policies, and programs with over fifty countries and various institutions around the world. Benioff is also leading several international climate and clean energy initiatives, including the Clean Energy Solutions Center and the Coordinated Low Emissions Assistance Network (CLEAN). Prior to joining NREL in 1997, he worked for eleven years on climate change and waste management issues at the U.S. Environmental Protection Agency.



Earl Blumenaur

U.S. House of Representatives, has created a unique role as Congress' chief spokesperson for Livable Communities. His dedication to such efforts became evident when, in 1986, he severed his ten-year tenure as the Commissioner of Public Works in Portland, and helped Portland earn an international reputation as one of America's most livable cities. Since his election in 1996 and until 2007, he served on the Transportation and Infrastructure Committee, as a strong advocate for federal policies that address transportation alternatives, provide housing choices, support sustainable economies, and improve the environment. A leading environmental advocate both in Oregon and Congress, Congressman Blumenaur has authored and co-sponsored legislation to preserve and protect public lands, shift the nation's energy policy towards renewable energy and energy efficiency, curb global warming, and clean our nation's water bodies.



Michael Bowman

National Steering Committee Member for "25x'25", is a fifth-generation native of

Colorado and a founding member of the Sustainable Biodiesel Alliance. He has served as a board member of the Colorado Conservation Voters, chaired Colorado's New Energy Future and was co-chair of Governor-elect

Bill Ritter's energy transition team. He served as a steering committee member for Colorado's Climate Action Plan focusing on agriculture and Colorado's rural communities in a low-carbon future. Michael is a graduate of the Colorado Agriculture and Rural Leadership program, was a "Next Generation Fellow" in Columbia University's American Assembly and a 2008 recipient of Gamma Sigma Delta's "Significant Achievement in Agricultural Award" by Colorado State University.



Lester R. Brown

Founder and President, Earth Policy Institute, a non-profit environmental research organization based in Washington, D.C., is described

by the Washington Post as "one of the world's most influential thinkers." During a career that started with tomato farming, Brown has been awarded twenty-five

honorary degrees and has authored or co-authored over fifty books. One of the world's most widely published authors, with books translated into some forty 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."



William Buzenberg

Executive Director, Center for Public Integrity, an investigative news organization

based in Washington, D.C. He served for 27 years in public radio as Vice President of News for National Public Radio as well as NPR's London bureau chief, and was responsible for launching "Talk of the

Nation," the expansion of "All Things Considered," and NPR's 24-hour newscast service. Buzenberg was also Senior Vice President of News at American Public Media, where he launched American RadioWorks and Speaking of Faith. He began the Public Insight Network, which was an innovative use of technology to draw knowledge from the audience. A former Peace Corps volunteer, Buzenberg has had fellowships at the University of Michigan, the Johns Hopkins University School of Advanced International Studies, and the Institute of Politics at Harvard's Kennedy School of Government.



Peter Byck

Director and Producer of *Carbon Nation*, a climate change solutions movie (that doesn't even care if you believe in climate change), 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. Peter 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 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.



Jim Calaway

Chairman of the Board of the Lifetime Trustees at The Aspen Institute, is a philanthropist-businessman who resides in Carbondale, Colorado. He served as the Chair of the Aspen Institute's Society of Fellows before he became a trustee in 1997. In 2000, he was selected as an

Honorary Trustee, and was later appointed to the Council of Honorary Trustees after its creation this year. Mr. Calaway was in the oil and gas exploration business for over 40 years and retired as Chairman of Edge Petroleum in the late 1980s. He now partners with his son in building wind farms in several states to generate renewable energy. In addition, since his retirement, Mr. Calaway has set his sights on philanthropy and fundraising for civic groups and non-profit organizations, having served as a regent of the University of Corpus Christi, a trustee of Antioch College, and a board member of the Colorado Mountain College Foundation.



John Casey

Founder, Green Fuel Technologies LLC & R2Ei LLC, developed an entrepreneurial spirit and knack for construction while working in the family concrete business in Western Colorado. His penchant for creative problem solving led him to develop an array of products with an emphasis

on sustainability, from a solution for thermal integration of biodiesel production to recycled, insulated concrete forms. His innovation, common sense approach to fiscal management, and strong fiduciary responsibility has led to prominent leadership roles within the renewable energy industry. He has consulted for, not-for-profit corporations dedicated to the dissemination of renewable energy technologies and renewable project development in emerging markets. Casey was a technical adviser to the Department of Defense on energy resource management. His leadership, innovation, and commitment have allowed him to develop one of the most successful teams in the industry today. R2Ei.com and Greenfuelsolar.com

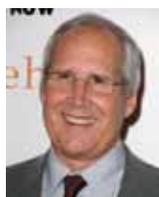


Stephen B. Casey

Manager Member Services, Holy Cross Energy (HCE), a not-for-profit, member-owned electric cooperative utility providing electricity, energy products, and services to more than 55,000 consumer meters located primarily in the western Colorado counties of Eagle, Pitkin, and Garfield. Having

served as the cooperative's first Contract Administrator, Casey changed roles in mid-2005 to begin oversight of the WE CARE (With Efficiency, Conservation And Renewable Energy) program. A variety of exciting opportunities have unfolded for HCE in the past six years, including: 1) Significant increases in on-site/off-site renewable energy generation; 2) Renewable Energy Credits (RECs) transactions; and 3) Development of a new five-year plan for energy efficiency. Casey is pleased to be a panel participant and to share insights about HCE's successes.

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Chevy Chase

Emmy Award-Winning Writer and Performer, first came to national prominence as a writer and performer with the original cast of NBC's *Saturday Night Live*, for which he won two Emmy Awards. He currently stars in the hit NBC comedy, *Community*. Since his feature film debut in the comedy-thriller *Foul Play* with Goldie Hawn, his many memorable films have included *Caddy Shack*; *National Lampoon's Vacation*; *Fletch*; and *The Three Amigos*. In 1992, Harvard's Hasty Pudding Theatricals honored Chase as its "Man of the Year." He has written for Lily Tomlin and the Smothers Brothers, earned a Writers Guild of America Award for "Alan King's Energy Crisis, Rising Prices and Assorted Vices" TV special, and won an Emmy Award for co-writing *The Paul Simon Special*. He resides in New York with his wife, Jayni, and their three daughters.



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 the MGR Foundation, and chairs New York Senator Kirsten Gillibrand's Green Schools Working Group. Chase was awarded an honorary degree from Antioch New England and has received recognition from NRDC, the Environmental Media Association, the Rainforest Alliance, the U.S. Environmental Film Festival, and the National Audubon Society. She is a slide show presenter for Al Gore, participated in the Clinton Global Initiative 2007-2010, received the "Connie Award in Education" this year from the National Wildlife Federation as well as the Children's Nature Institute Earth: Creating Action Award, and 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 in 2005. Originator of the concept of Basic Needs, which the 1993 United Nations Earth Summit voted the cornerstone of Sustainable Development, she also 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 (which received the 2007 Nobel Prize), and as special adviser to several United Nations organizations, heads of State, and the U.S. Congress. Currently also Director of Columbia Consortium for Risk Management, her pioneering work employs innovative market mechanisms to reduce carbon emissions and conserve biodiversity and ecosystem services.

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Richard Cizik

President, New Evangelical Partnership for the Common Good (www.newevangelicalpartnership.org). Since 2002, when he attended the Oxford Conference on Climate Change, Cizik has been a passionate advocate for renewable energy and a sustainable future based upon biblical teachings. The Evangelical Climate Initiative and the Scientist-Evangelical “Call to Action” reflect his views on these topics. In 2008, Cizik was named to the “Time 100” list; from 2009-2010, he was a Fellow of the Open Society Institute.



General Wesley K. Clark

Co-Chair of Growth Energy, is former NATO Supreme Allied Commander and presently serves as Chairman and CEO of Wesley K. Clark & Associates. He is Chairman of Rodman & Renshaw, Chairman of Emergya Wind Technologies Americas, member of the Clinton Global Initiative’s Energy & Climate Change Advisory Board, and is a member of ACORE’s Advisory Board. Author of 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, and others.



Chip Comins

Founder and Chairman of the American Renewable Energy Institute (“AREI”), which 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, and in 2009, Chip served as the National Coordinating Producer of Clean Energy Week in Washington, D.C. and produced Native Wind Powering America PSA that debuted at the Clinton Global Initiative and was broadcast nationally and 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 and is currently producing the 8th Annual AREDAY Summit in Aspen, Colorado – *Putting the Green in Green: Monetizing Carbon in the Global Economy*.



James Coombes

Project Finance & Strategic Planning, REC Solar, an engineering, procurement, and construction (EPC) contractor, develops integrated solar financial solutions for the company’s commercial, residential, utility, municipal, and Federal clients. In designing solutions to optimize solar’s

financial benefits for clients, Coombes coordinates financial and engineering teams and manages relationships with financial sponsors such as power purchase agreement (PPA) sponsors, SREC traders, and investment banks. He also provides financial market analytics to support REC Solar’s business development and strategic planning efforts. The REC Solar clients Mr. Coombes has worked with include Ikea, Costco, Solar Power Partners, Tioga Energy, Enfinity, and SunRun. Prior to joining REC Solar, James worked with investment banks First

Boston and Salomon Brothers and advised media companies such as TCI, Liberty Media, and Discovery Communications. He is a graduate of the University of California at Berkeley.



Heidi Cullen

Director of Communications, Climate Central, and a research scientist and

correspondent for the organization, reports on climate and energy issues for programs like PBS NewsHour. Dr. Cullen was The Weather Channel’s first on-air climate expert and helped create *Forecast Earth*, a weekly television series; served as a research scientist at the National Center for Atmospheric Research in Boulder, Colorado; received the NOAA Climate & Global Change Fellowship; and spent two years at Columbia University’s International Research Institute for Climate and Society where she worked to apply long-range climate forecasts to the water resources sector in Brazil and Paraguay. A member of the American Geophysical Union, the American Meteorological Society, the NOAA Science Advisory Board, and Associate Editor of the journal *Weather, Climate, Society*. Dr. Cullen is the author of *The Weather of the Future* and is a Visiting Lecturer at Princeton University.



Ann Davlin

Senior Advisor and Director of Development, Carbon War Room,

an NGO founded by Sir Richard Branson that harnesses the power of entrepreneurs to address climate change using market-based solutions. Davlin oversees the fundraising operation, a responsibility that encompasses raising capital from individuals, foundations, and corporations, and also liaisons with the Founders Circle and Board of Advisors. Since beginning her career as an environmental researcher and conference organizer for Senator Al Gore, her work has focused on the environmental and energy fields in both the private and public sectors, with experience in capital raising, brownfields development, and government and environmental policy. She holds an MPA in Environmental Policy from Columbia University, School of International and Public Affairs, and has lectured at Yale School of Architecture and New York University Wagner School.



TJ Deora

Executive Director, Governor’s Energy Office (Colorado), led policy advocacy

efforts as Senior Manager in Horizon Wind Energy’s government affairs team. He also led Horizon’s market and transmission development in New England, early stage project development efforts in the Rockies, and helped found and co-chair the Colorado Renewables and Conservation Collaborative, a voluntary industry and NGO working group for developing smart siting practices. TJ has served on the boards of the Interwest Energy Alliance, the Colorado Independent Energy Association, and Renewable Energy New England. He holds a B.S. in mechanical engineering from the University of Texas in Austin and an MBA from Harvard Business School. He also served for two years as a Peace Corps volunteer in Jamaica.

“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



Reid Detchon
Vice President, Energy and Climate,
United Nations Foundation, is also

Executive Director of the Energy Future Coalition, a broad-based non-partisan public policy initiative focused on oil dependence, climate change, and global energy poverty; it currently supports an initiative on state utility regulatory reform to encourage greater investment in energy efficiency. Detchon previously served as Director of Special Projects in Washington for the Turner Foundation; as a principal at Podesta Associates, a Washington government relations and public affairs firm; as the Principal Deputy Assistant Secretary for Conservation and Renewable Energy at the U.S. Department of Energy from 1989 to 1993; as principal speechwriter for Vice President George H. W. Bush; as a staff member and legislative director for U.S. Senator John Danforth of Missouri; and as an award-winning reporter for the Columbia (Mo.) Daily Tribune. He is a graduate of Yale University and lives in Bethesda, Maryland.



Chris Diaz
Senior Vice President, Seminole
Financial Services (SFS), is responsible

for the identification, evaluation, and negotiation of renewable energy finance transactions focusing on wind and solar projects between \$2 million and \$30 million in need of construction / interim financing for a term of twelve months or less. Providing construction/interim financing for Renewable Energy Transactions as well as investment management services to various real estate investment vehicles, SFS currently manages approximately \$330 million in commercial real estate and renewable energy assets nationwide and has budgeted over \$100 million to finance Renewable Energy projects in 2011. Diaz has been involved with tax credits and financial services for over fifteen years previously with Credit Suisse, MMA Financial, and the Midland Companies. He holds a Bachelor's Degree in Social Science with emphasis in urban and regional planning and an MBA from Nova Southeastern University.



Dr. Sylvia A. Earle
Founder of Mission Blue and the
SEAlliance, is an oceanographer, explorer,
author, lecturer, Explorer in Residence of the
National Geographic Society, formerly Chief

Scientist of NOAA, Leader of the NGS Sustainable Seas Expeditions, and Council Chair for the Harte Research Institute. Founder of three companies, she has decades of service on various corporate and non-profit boards. A graduate of St. Petersburg College and Florida State University, she holds an M.A. and PhD from Duke University and 20 honorary doctorates. Named as *Time* magazine's first "Hero for the Planet," "Living Legend" by the Library of Congress, and the "2009 TED Prize winner," she has authored 180 publications, led more than 100 expeditions with 7,000 hours of diving, lectured in more than 70 countries, and has more than 100 national and international awards, including the "2011 Royal Geographical Society's Patrons Medal."



Rod Eckhardt
Managing Partner, Round Rock Partners,

is dedicated to creating opportunities that are economically sustainable, socially beneficial, and environmentally responsible. In furtherance of these objectives, Round Rock was established in 2007 to provide financial and advisory services

to those engaged in renewable energy, community development, and corporate social responsibility. The principals have extensive experience originating, syndicating, structuring, underwriting and asset managing tax incented investments representing more than \$5 billion dollars in both debt and equity. The Round Rock team created one of the first private label renewable energy tax equity investment funds in the country and developed a debt program for qualified participants. Eckhardt previously served as Vice President for Capmark Finance Inc. and as Investment Counsel for a tax incented investment division of GMAC. He earned his B.A. from Colorado State University and his J.D. from Gonzaga School of Law.



Dr. Peter Eisenberger
Co-Founder and Managing Director,
Global Thermostat; Professor of
Earth and Environmental Sciences, Columbia
University, is a leading innovator in addressing the

global challenges that occur at the intersection of science, business, and environment. A renowned scientist, corporate research executive, business entrepreneur, and leading academic, he has a B.A. in Physics from Princeton University and a Ph.D. in Applied Physics from Harvard University. Dr. Eisenberger was a Professor of Physics at Princeton University, is a former Vice-Provost at Columbia University and Director of the Lamont-Doherty Earth Observatory (LDEO), and was Founder and Director of the Columbia Earth Institute. His company, Global Thermostat, captures carbon from air and other sources.



Larry Flowers
Deputy Director, Distributed and
Community Wind, The American Wind
Energy Association (AWEA). He was an industry

leader at the National Renewable Energy Laboratory (NREL) for three decades. Flowers spent the last 10 years of his 30-year career at NREL serving as the National Technical Director for the highly regarded Wind Powering America program and has been at the helm ever since. Through Wind Powering America, he formed a network of 35 state wind working groups, and four regional training and outreach institutes. Flowers also created the innovative *Wind for Schools* program to educate K-12 and university students about wind energy. Flowers has received many career awards including, the AWEA Special Achievement Award in 2002, and most recently, the National Wind Technology Center Leadership Award in 2009.



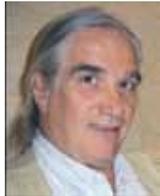
Piper Foster
Pitkin County Energy Smart Campaign
Strategist, charged with implementing

a Department of Energy grant for residential and commercial energy efficiency. In 2010, Foster completed a German Chancellor Fellowship and worked for the Ecologic Institute— named one of the top 10 international environmental think tanks. Her research in Europe focused on renewable energy finance through the feed in tariff, and comparative EU policies for distributed generation. During her five-year tenure as director of the Sopris Foundation, Foster worked on projects including advocacy for tiered rate electricity pricing among Rural Electric Associations in Colorado, developed a pocket-guide for carbon-footprinting, and advocated for reform of the estate tax to protect ranches and timberlands. From 2005 - 2008, Foster directed the educational non-profit, Tomorrow's Voices and prior to this, she worked at the Rocky Mountain Institute under Amory Lovins.



Jon Freedman

Global Government Relations Leader, GE Power & Water, Water & Process Technologies, is responsible for monitoring and helping to shape domestic and international water policies. In addition, Freedman helps form technology collaboratives between GE Power & Water and government entities. Joining GE eight years ago as a business development leader with GE Energy, Freedman led the acquisition of Osmonics, a leading global water treatment company. He then joined GE Power & Water as General Manager, Contractual Services, with responsibility for developing and executing business plans to drive expansion within the global water marketplace. Freedman serves on the Board of Directors of the WaterReuse Association and as Chair of the WaterReuse Association's National Legislative Committee, not only helps to set the association's legislative agenda but also leads visits with members of Congress to advocate for greater water reuse.



Robert Gough

Business Development Advisor at Native Wind, is an attorney and secretary of the Intertribal Council on Utility Policy (COUP). Gough has expertise in sociology and cultural ecology, with 30 years experience in tribal and natural resource law. COUP members are federally recognized Indian Northern Great Plains tribes, providing a forum on rights and resources for utility services on tribal lands, assisting tribes interested in building sustainable homeland economies based upon renewable energy. Gough co-chairs the COUP's national assessment of Native Peoples/Native Homelands and was the first director and now consultant to the Rosebud Sioux Tribal Utility Commission, participating in WAPA negotiations for tribal allocations of federal hydroelectric power.



Michael Haas

Founder, Orion Renewable Energy Group (Orion), Co-Founder of Renewable Development Company (RDC), and the Founder of Alliance for Climate Education (ACE). Orion develops utility scale wind and solar power plants in the U.S. RDC was formed to help achieve commitments set by the United Kingdom for new renewable energy generation. Projects developed by Orion in the U.S. and RDC in the UK now generate enough zero-carbon electricity to meet the annual electricity demand of about 1,000,000 homes. ACE educates high school students on the science behind global warming and inspires them to take action to curb the causes of climate change. Prior to forming Orion, RDC, and ACE, Michael held various positions with KENETECH Corporation and McDonnell Douglas Corporation. He holds a Bachelors Degree in Aerospace Engineering from Missouri University of S & T and a Masters Degree in Aeronautical and Astronautical Engineering from Stanford University.



Daryl Hannah

Actress and environmental activist, has acted in over forty films since age 11 and is an outspoken advocate for living a low-impact lifestyle, harmoniously with the planet. She has produced, hosted and shot environmental awareness/ health TV appearances for CNN International and Good Morning America and has spoken frequently to the unconvinced and conservative pundits. Daryl founded the Sustainable Biodiesel Alliance (SBA) a certification program for sustainably produced, harvested

and distributed biofuels. She serves on the Boards of Directors of the Environmental Media Association (EMA), Sylvia Earle Alliance, Mission Blue, the Sustainable Biodiesel Alliance, the Action Sports Environmental Coalition, Eco America and has received numerous awards for her advocacy and activism. Daryl's speaking engagements include keynotes at the UN Climate Change Summit, UN Global Business Conference on the environment, the National Biodiesel Board Conference, LOHAS and national and international events. www.dhlovelife.com.



Randy Hayes

Founder, Rainforest Action Network, has been described in the Wall Street Journal as "an environmental pit bull." He works from Washington, D.C., at Foundation Earth, a new organization for rethinking a human order that works within the planet's life support systems. Hayes promotes the German-style renewable energy policy for the World Future Council. As a former filmmaker, he is a veteran of many high-visibility corporate accountability campaigns and has advocated for the rights of indigenous peoples. He served for seven years as President of The City of San Francisco Commission on the Environment and as Director of Sustainability in the office of former Oakland Mayor Jerry Brown (now Governor Brown). As a wilderness lover, Hayes has explored a bit in the high Sierras, the Canadian Rockies, and the rainforests of the Amazon, Central America, the Congo, Southeast Asia, and Borneo.



Bracken Hendricks

Senior Fellow at The Center for American Progress, works at the interface of global warming solutions and economic development. A leader in promoting policies that create green jobs, sustainable infrastructure, and investment in cities, Hendricks served as an advisor to the campaign and transition team of President Obama, and was an architect of clean-energy portions of the American Recovery and Reinvestment Act. He served in the Clinton administration as special assistant to the Office of VP Gore, with the Department of Commerce's National Oceanic and Atmospheric Administration, and the President's Council on Sustainable Development. Publications include *Apollo's Fire: Igniting America's Clean Energy Economy*.



Katie M. Hoffner

Vice President, Marketing & Strategic Alliances, Prieto Battery, Inc., a company poised to revolutionize the new electric economy. An international strategist and business development executive, she has over fifteen years experience in developing and refining global brand messaging, assembling worldwide marketing teams, securing high-level investment, and building strategic partnerships. In the last decade, Hoffner has expanded her expertise into the environmental and clean tech sectors. She consults for companies investing in clean energy, has organized over fifteen environmental conferences, and is involved in renewable energy and environmental policy for FortZed, a planned zero energy district in Fort Collins. She graduated magna cum laude from Sweet Briar College, holds an MBA from the American Graduate School of International Management, serves on the Board of Directors for GenGreen Life, and is a member of the Dean's Advisory Board for the School of Engineering at Colorado State University. www.PrietoBattery.com



Carla Johnson

CEO, EarthvisionZ, a 3D virtual earth platform specializing in sports, cities, renewable energy, healthcare, charities, and more. Johnson has over thirty years of experience in groundwater studies, environmental engineering, geospatial software development, and data management. In 1994, she founded Waterstone Inc, an environmental consulting company, known for its work on nationally recognized environmental legal cases and she created a NASA earth software platform (STAR) that is in use at 13 US Air Force bases. EarthvisionZ created SmartEarth.com, a virtual earth website that integrates renewable energy, green products, and social community portals and was the first virtual earth web platform before the release of Google Earth. Awards for EarthvisionZ include the “Most Innovative Company in Colorado” and the “Top 100 Women-Owned Businesses in Colorado”. Johnson has appeared on CNN; in the Economist and in documentary movies as a drinking supply and groundwater expert.



Kirk Johnson

Vice President, Research and Collections, and Chief Curator at the Denver Museum of Nature & Science, has been instrumental in the planning, content creation, and construction of the Museum’s award-winning exhibition, “Prehistoric Journey.” His research on fossil plants is widely accepted as some of the most convincing support for the theory that an asteroid impact caused the extinction of the dinosaurs, and he has published many popular and scientific articles on topics ranging from modern rainforests to the ecology of whales. Currently overseeing the Denver Basin Project, Johnson’s studies of fossil history beneath Denver have included mammoth tusks and the remains of tropical rainforests, leading to a better understanding of Colorado’s ancient landscapes and the formation of the Rocky Mountains. Johnson holds a PhD in geology and paleobotany from Yale University and is co-author of the book, *Prehistoric Journey: A History of Life on Earth*.



Fred C. Julander

President of Julander Energy Company, has 40 years of experience in energy and natural resources as an independent operator. As a leader in the industry, he has pushed for responsible production and recognition that natural gas is a compliment to renewables and efficiency. Fred is a member of the National Petroleum Council (NPC), past President of the Colorado Oil & Gas Association and Founder and 23 year Chairman of COGA’s Natural Gas Strategy Conference. Fred received the Rocky Mountain Association of Geologists’ “Distinguished Public Service Award” in 2007 and selected to IPAMS “Rocky Mountain Oil & Gas Hall of Fame” in 2009. Fred is active in the Partnership to Secure Energy for America, in the NPC’s new research, in the Global Commerce Forum’s “A Sustainable Energy Future for Emerging Economies; Focus Africa” and in the NRDC’s Environmental Entrepreneurs.



Gene Karpinski

President of the League of Conservation Voters (LCV), has served since April 2006 and previously served on the LCV Education Fund Boards of Directors and the LCV Political Committee. Before LCV, Gene worked for 21 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.



R. Andreas Kraemer

Director, Ecologic Institute, in Berlin, has been active in sustainable development, environment policy, climate, and energy policies for over twenty years. In April 2008, he became chairman of the Ecologic Institute in Washington. Since 1993, he has been a Visiting Assistant Professor at Duke University, lecturing on European integration and environmental policy in the “Duke in Berlin” Program. Kraemer is Co-Chairman of the advisory board of OekoWorld, setting criteria for global investment for a group of ethical and ‘green’ investment funds or mutual trusts, and of Oekom Research, a rating agency specializing in corporate and governmental or ‘sovereign’ debtors’ ethics and sustainability. He is a board member of the Bellagio Forum for Sustainable Development, the Solidarité Eau Europe, and the Oekom Verlag, and is a coordinator of the British German Environment Forum.



Kimberly Kupiecki

Senior Vice President, Group Leader, Clean Energy at Edelman, founded clean tech practice and leads the company’s global effort in this key agenda that promotes clean energy, energy efficiency solutions, and innovative sustainable technologies. She spearheaded a research project that revealed public opinion regarding clean tech in eight geographical markets. Kupiecki’s core expertise includes corporate public relations, stakeholder engagement, and business media placement. Her group leads client programs for venture-backed startups such as Genomatica; high growth companies such as SolarReserve; and large global private and public companies such as Dow and Oerlikon Solar. She currently serves on the communications committee for the American Council on Renewable Energy (ACORE) and on the advisory board for American Renewable Energy Institute. She holds two patents at Applied Materials, a B.S. in chemical engineering from the University of California at Berkeley, and an M.B.A. from the Haas School of Business.



Alice Hubbard Laird

Founder & Executive Director, CLEER, directs the projects and programs of its major client, the Garfield New Energy Communities Initiative. Laird served on the Carbondale Board of Trustees during 2004–08 and led the effort to develop the town’s Energy and Climate Action Plan. Prior to forming NCTF, Alice served as the transportation manager for the City of Aspen, as director of the Regional Transportation Authority formation project, and as director of development for the Roaring Fork Transportation Authority. In 1990, she joined the staff of the Rocky Mountain Institute as a senior research associate. At RMI, Alice developed the *Community Energy Workbook: A Guide to Building a Sustainable Economy*, and led workshops around the country on community energy planning. She was a cofounder of the Community Office for Resource Efficiency (CORE), a partnership of utilities and local governments in the Roaring Fork Valley.



Osprey Orielle Lake

Founder and Director, Women's Earth and Climate Caucus, works nationally and internationally with grassroots leaders, policymakers, business people, and scientists to reduce carbon emissions and foster a post-carbon energy future that also addresses societal transformation. She is on the Board of Praxis Peace Institute, an advisor to International Eco-Cities Framework and Standards Initiative, presents at international conferences and universities, and has traveled to five continents studying ancient and modern cultures. She is the Founder/Artist of the International Cheemah Monument Project, a program in which 18-foot bronze sculpture monuments placed worldwide will provide a setting for people to ponder a better future for the earth and humanity. Her book, *Uprisings for the Earth: Reconnecting Culture with Nature* (White Cloud Press), won a prestigious 2011 Nautilus Book Award. www.ospreyoriellelake.com www.worldforum.org/womans-caucus.htm



Brook Le Van

Co-Founder and Director of 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, regionally and nationally, on relocalized sustainable food and energy issues. He is a green development, sustainable agriculture, and native riparian systems consultant, a certified Permaculture designer and consultant and whole systems charrette facilitator. He advises and writes the "Food for Thought" column for *Edible Aspen* magazine. An alumnus of the Kansas City Art Institute and NYSCC, at Alfred University, the Institute for Social Ecology, Le Van taught college and university for six years. Grants and fellowships include 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.



Howard Learner

President and Executive Director of the Environmental Law and Policy Center, is an experienced attorney responsible for the overall strategic policy direction, development, and leadership of this public interest organization. Before founding ELPC, he was the General Counsel of Business and Professional People for the Public Interest, a public interest law center specializing in complex civil litigation and policy development. Mr. Learner is an Adjunct Professor at Northwestern University Law School and teaches an advanced environmental law seminar. J.D., Harvard Law School, 1980; B.A., Political Science, University of Michigan, 1976.



Anthony Leiserowitz

Director of the Yale Project on Climate Change, is a widely recognized expert on American and international public opinion on global warming, including public perception of climate change risks, support and opposition for climate policies, and willingness to make individual behavioral changes. His research investigates the psychological, cultural, political, and geographic factors that drive public environmental perception and behavior. He has conducted survey, experimental, and field research both globally and locally and recently conducted the first empirical assessment of worldwide public values, attitudes, and behaviors

regarding global sustainability, environmental protection, economic growth, and human development. He has served as a consultant for the John F. Kennedy School of Government (Harvard University), the United Nations Development Program, the Gallup World Poll, the Global Roundtable on Climate Change at the Earth Institute (Columbia University), and the World Economic Forum.



Craig Lewis

Founding Principal of the FIT Coalition; Founding Principal of RightCycle, is a leading Smart Energy strategist and advocate, with over 20 years of experience in the renewables, wireless, and semiconductor industries. RightCycle is a consultancy that achieves Smart Energy outcomes via legislation, regulation, and public funding. The FIT Coalition is leading the legislative effort in California to implement a Feed-in-Tariff (FIT) that if implemented, will increase California's renewable energy market tenfold. Mr. Lewis spearheaded energy policy development for Steve Westly's 2006 gubernatorial campaign in California and was VP of Government Relations for GreenVolts, a solar technology company, till 2009. He has held senior government relations, corporate development, and marketing positions at wireless and semiconductor companies, including Qualcomm, Ericsson, and LinCom Wireless. He received his MBA and MSEE from the University of Southern California, and a BSEE from UC Berkeley.



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 has been 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.



Alec Loorz

Founder of the iMatter Campaign and Kids vs. Global Warming, is a leading voice in the United States on the issue of climate change, calling on the "ruling generation" to consider the needs of his and future generations. As a seventeen year old entering his senior year of high school, Alec has been a climate change activist for four years and has addressed over 200,000 people at conferences, schools, and the United Nations. As an advocate for the generations who will be most affected by climate change, he encourages today's youth to inspire change in their families, their schools, and their communities. Kids vs. Global Warming empowers young leaders to influence the transition to a sustainable and just society through programs such as the iMatter Council of Youth and the iMatter March, a worldwide youth march spanning 40 countries and 160 cities. www.iMatterMarch.org

"...the next fortunes are going to be made in renewable energy."

— Ted Turner, Turner Enterprises, Inc.



Amory Lovins

Chairman and Chief Scientist of Rocky Mountain Institute; Chairman Emeritus of Fiberforge Corporation, was named “one of the 100 most influential people in the world,” by *Time* magazine. His innovations in energy, security, and environment have been recognized by the Blue Planet, Volvo, Onassis, Nissan, Shingo, and Mitchell Prizes, MacArthur and Ashoka Fellowships, the Benjamin Franklin and Hapgood Medals, 11 honorary doctorates, honorary membership of the American Institute of Architects, and has won Heinz, Lindbergh, Right Livelihood, National Design, and World Technology Awards. He advises governments and major firms on energy and resource efficiency, has briefed 20 heads of state, and led the technical redesign of more than \$30 billion worth of industrial facilities to achieve energy savings at typically lower capital cost. He has published 29 books and has taught at eight universities, most recently in Stanford University’s School of Engineering.



L. Hunter Lovins

President and Founder, Natural Capitalism Solutions (NCS), educates business, government, and civil society decision makers in sustainability and creates innovative and practical tools and strategies for companies, communities, and countries toward that goal. A sociologist and lawyer, her areas of expertise include Natural Capitalism, sustainable development, globalization, energy and resource policy, economic development, climate change, land management, fire rescue and emergency medicine. She developed the Economic Renewal Project, is Chief Insurgent of the Madrone Project, and is faculty at Bainbridge Graduate Institute. Recipient of the “Right Livelihood Award,” “Lindbergh Award,” and “Leadership in Business,” she was named *Time* magazine “2000 Hero of the Planet”; in 2009, *Newsweek* dubbed her a “Green Business Icon.” Lovins has consulted for many major industries and governments worldwide, including advisor to the Energy Minister of the Government of Afghanistan, and co-authored nine books, including *Natural Capitalism*.



Dr. Jane Lubchenco

Under Secretary of Commerce for Oceans and Atmosphere and NOAA Administrator, is a marine biologist and environmental scientist whose work focuses on the interaction between the environment and human well-being. She is the 9th Administrator of the National Oceanic and Atmospheric Administration (NOAA), the science agency with responsibilities for understanding and predicting changes in the weather, climate, oceans, and coasts, and managing and conserving coastal and ocean resources. With a PhD from Harvard, she taught at Harvard and Oregon State University for over three decades. She co-founded three organizations devoted to communicating scientific information to the public and policy makers: the Leopold Leadership Program, the Communication Partnership for Science and the Sea (COMPASS), and Climate Central. Lubchenco is a former president of the American Association for the Advancement of Science (AAAS), a member of the National Academy of Sciences, and a MacArthur Fellow.



Alex Major

Executive Director, Green Flight Foundation, a nonprofit organization focusing on education, outreach, and demonstration of renewable fuels and green business practices in private and business aviation. A pilot for forty years and an environmental entrepreneur for twenty-five years, Major’s wide range of aviation and business ventures range from CEO of Kings of the Air, an organization planning to fly a Beechcraft King Air around the world using 100% renewable biojet fuel, to the development of tree-free paper in Europe. For the last eight years, he has focused on the production of biofuels for hybrid electric vehicles as well as aircraft and sustainable aviation facilities development. His passion for renewable aviation fuels and clean tech inspired his 2009 presentation at the World Future Energy Summit in Abu Dhabi and, since then, at fifteen more energy, biofuel, and aviation conferences in major cities around the world.



Anthony E. Malkin

President of Malkin Holdings LLC, Malkin Properties, W&H Properties and Vice Chairman of Malkin Securities Corp, Anthony received a B.A. cum laude from Harvard College in 1985. A leader in existing building energy efficiency retrofits, Malkin coordinated the team of Clinton Climate Initiative, Johnson Controls, Jones Lang LaSalle, and Rocky Mountain Institute in a groundbreaking project at the Empire State Building. He is a member of the Urban Land Institute, the Real Estate Roundtable and Chair of its Sustainability Policy Advisory Committee, the Board of Governors of the Real Estate Board of New York, a board member of Greenwood Resources, the sustainable forestry management company, and a member of the Committee Encouraging Corporate Philanthropy, the Advisory Council of the NRDC’s Center for Market Innovation, and the Advisory Council of the Harvard Stem Cell Institute.



James D. Marston

Director, National Energy Program, Environmental Defense Fund (EDF), and Regional Director of EDF’s Austin, Texas office. Among his many successes are the halting of TXU Energy’s plans to build a dozen coal plants in Texas, negotiating a first-of-its-kind deal with private equity buyers involving climate change commitments, designing and advocating highly innovative state legislation leading to almost 10,000 MWs of new wind energy in Texas, and directing EDF’s successes on a wide range of legislation and regulations to reduce the emission of greenhouse gases. Marston’s extensive board member activities include the Pecan Street Project, an organization dedicated to making fundamental changes in the nation’s electricity grid, and the Sustainable Energy Advisory Board of Energy Future Holdings (formerly TXU). He is former chair of a Presidential Advisory Committee. Marston graduated magna cum laude from Texas Christian University and holds a J.D. from New York University.

“AREDAY is fast becoming something of a Davos of renewable energy, a gathering of thought leaders seeking to coalesce around a shared vision of where renewable energy is going and how to get it there.” —Michael Eckhart, Managing Director, Global Head of Environmental Finance, Citigroup, Inc.



Bryan L. Martel

Founder and Managing Director, Environmental Capital Group, was instrumental in helping CalPERS establish their landmark environmental private equity fund. This effort catalyzed the market and has led to about \$9 billion invested in clean energy and technology funds and companies. In 2007, Bryan initiated the formation of the P8 ("Pensions 8"), which is hosted by HRH The Prince of Wales and the University of Cambridge. The P8 brings together executives from the largest global pension funds to address climate change. Previously, Bryan was the Founder and CEO of Mobius Technologies, a material science/clean technology company. At Mobius, Bryan led the development and commercialization of a recycling process, with operations in the United States, Europe, and Asia. Prior to Mobius, Bryan worked at The Dow Chemical Company and Bechtel. Bryan enjoys skiing with his wife and two children.



Lauren McDonell

Environmental Initiatives Program Manager, City of Aspen, manages the Canary Initiative, Aspen's climate change program that addresses climate change through renewable energy and energy-efficiency projects, public outreach, and policy. She also works with the City's ZGreen Program to assist Aspen's businesses, events, and individuals to reduce their environmental impacts. Lauren holds both a Bachelor's degree in Environmental Policy and a Master's degree in Environmental Education from the University of Florida.



Vice Adm. Dennis V. McGinn, USN (ret.) President of the American Council On Renewable Energy (ACORE), a 501(c)(3) membership organization dedicated to bringing renewable energy into the mainstream of the U.S. economy and lifestyle through finance, market and policy research and educational programs. Admiral McGinn is a naval aviator, test pilot and national security strategist. He has served as Director of the Air Warfare Division in the Office of the Chief of Naval Operations; the Commander of the U.S. Third Fleet; and the Deputy Chief of Naval Operations, Warfare Requirements and Programs in the Pentagon. Admiral McGinn brings to ACORE his significant national experience to highlight the close link between energy, climate and national security. He is a strong advocate for innovative government policy, public and private partnerships, and investments that will promote clean energy growth and innovation.



Peter Mostow

Partner, Wilson Sonsini Goodrich & Rosati (Seattle offices), practices law focusing on the representation of emerging and mature companies in renewable energy and clean technology. Peter's background in energy, regulatory, and environmental law allows him to assist his clients with the development and finance of energy-generating plants and manufacturing facilities. His wide range of representation includes solar, wind, geothermal, and biomass project sponsors in site acquisition, permitting, power transmission, and offtake agreements; distributed solar power purchase agreement companies in developing their key commercial and financing agreements; and producers of new technologies from renewable fuels to thin film solar modules in drafting and negotiating key commercial transactions. Peter holds a J.D. from Yale Law School and was a Fulbright Scholar at J.W. Goethe University in Frankfurt, Germany.



Leilani Münter

Race Car Driver and Environmental Activist, named by Discovery's Planet Green as the #1 Eco Athlete in the World, Leilani 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 traveled 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*, and *Sports Illustrated* named her one of the top ten female racecar drivers in the world. Her motto is appropriate: "Never underestimate a vegetarian hippie chick with a race car." <http://carbonfreegirl.com>



Naomi Oreskes

Professor of History and Science Studies, University of California at San Diego. Oreskes is an internationally renowned science historian focused on consensus and dissent in science. Her essay, "The Scientific Consensus on Climate Change" has been cited in media worldwide, including the Royal Society's publication, "A Guide to Facts and Fictions about Climate Change," the Academy-award winning film, *An Inconvenient Truth*, and in Ian McEwan's novel, *Solar*. Oreskes's opinion pieces have appeared in the *New York Times*, the *Washington Post*, and many other prominent publications. Her latest work, *Merchants of Doubt, How a Handful of Scientists Obscured the Truth on Issues from Tobacco to Global Warming*, co-authored with Erik M. Conway, was shortlisted for the 2010 Los Angeles Time Book Prize.



David Orr PhD

Paul Sears Distinguished Professor of Environmental Studies and Politics at Oberlin College, is Senior Adviser to the president at Oberlin and a James Marsh, Professor at large at the University of Vermont. He is presently the director for "The Oberlin Project," a joint city-college effort to build a sustainable post-fossil fuel economy. He helped launch the President's Climate Action Plan (2008) and was a pioneer in ecological design including the "Adam Joseph Lewis Center" at Oberlin. He has written seven books, most recently *Hope is an Imperative: the Essential David Orr* and published 170 articles. He was named an "Environmental Hero for 2004" by *Interiors & Sources Magazine*. He holds six honorary degrees and a distinguished scholar in residence.



Martin Oswald

Executive Chef at Pyramid Bistro, a restaurant in downtown Aspen serving organic, locally-sourced, "nutrient-rich" meals. Originally from Styria, Austria, Oswald started his career at fifteen as an apprentice at the Wilfinger Bio Hotel. At twenty, he organized a Day of Health, featuring cooking demonstrations and health products in the city of Hartberg. Since then, he has worked at Postrio, Wolfgang Puck's celebrated San Francisco eatery and, in 1995, became the Executive Chef of Aspen's Syzygy restaurant. He opened the casual Riverside Grill in Basalt and became the executive chef at the Ute City Restaurant. Oswald is as committed to healthy food as he has been to the pleasurable indulgences of the dining experience.



Tony Pandjiris
Vice President, Investment Banking Division at Morgan Stanley, focuses on

clean technology companies. Previously, Tony worked at UBS Investment Bank on a variety of financing and strategic advisory assignments, including transactions for CaliSolar, Dell, GT Solar, ReneSola, Suntech, Symantec, and TTM Technologies. Prior to UBS, Tony was an Associate at Comdisco Ventures where he managed part of a \$1.5 billion venture capital portfolio, structuring debt and equity investments across a range of technology sectors. Tony managed distressed company situations after the 2001 technology downturn, restructuring debt obligations and directing M&A activity. Tony has also spent time working at Intel Capital, GM's OnStar division, and SG Cowen's Private Equity Group. He received his MBA from the University of Michigan, and graduated cum laude with a BA in Economics from Vanderbilt University.



Bob Perkowitz
Founder and Chairman of ecoAmerica, a

non-profit that uses consumer research and partnerships to create engagement programs that build awareness, understanding and action for climate and environmental solutions among mainstream America. Over the past twenty-five years, Bob has been President of direct marketing and manufacturing organizations such as Cornerstone Brands, Smith+Noble, and Joanna Western Mills, with revenues of up to \$600 million. He also is a Director of SRAM, Inc., a partner in Firebrand Partners, LLC, Arqua Equity Partners, LLC, and on the board of the Environmental Defense Fund, Environmental Defense Fund of North Carolina, and the Queens University Learning Society. A Trustee of the Sierra Club Foundation from 2001-2007, he currently serves on the Sierra Club's National Advisory Council. Bob received a B.S. in Social Thought from Lake Forest College and an M.B.A. from Lake Forest Graduate School of Management.



Aaron Perry
CEO & Co-Founder, recycOil LLC, a

Boulder-based clean tech firm that recycles waste cooking oil for more than 1,700 restaurants and commercial facilities in Colorado and Southern Wyoming. RecycOil supplies some of the nation's largest commercial biodiesel producers with biodiesel feedstock and provides high-quality, cost competitive biofuels to consumers in the Rocky Mountain region. The company's proprietary information technologies form the foundation of a new suite of software services being launched for regional food market optimization, increased efficiencies in the recycling sectors, and improved supply chain management and cost reduction to the biorefining industry. Mr. Perry studied as a Gallatin Scholar at New York University and has undergraduate and graduate degrees from the University of Colorado at Boulder. Prior to co-founding recycOil, he provided accounting and consulting services to a variety of businesses in the renewable energy and sustainable development industries.



Jerry Peterson
Professor of Physics, University of Colorado; taught at Princeton University,

was on Yale University's research faculty and served as the Jefferson Science Fellow for the U.S. Department of State. His nuclear research includes nuclear physics and astrophysics, nuclear reactions, nuclear fission, and applications of nuclear reactions to computer memory elements. As an analyst in the Office of Economic Analysis

of the Bureau of Intelligence and Research, his work on energy and the environment, with an emphasis on coal and nuclear energy, and his creation of an informal seminar group for State officials concerned with nuclear matters, increased the collaboration of ideas with an understanding of and sophistication in addressing energy matters throughout the Office. A visiting professor at several foreign universities, Peterson is a Foreign Fellow of the Pakistan Academy of Sciences, a Fellow of the American Physical Society, and a UCB Program in International Affairs faculty member.



T. Boone Pickens
Founder of BP Capital; Principal of 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 in response to energy and environmental needs. Pickens has also devoted a great deal of money and energy into developing businesses focussed on clean energy alternatives to fossil fuels, including Clean Energy Corp. In August 2007, a coalition of Texas landowners, led by Pickens, began developing the world's largest wind farm. A less ambitious version of this project should be completed in late 2011. In 1989 *Financial World* named Pickens "CEO of the Decade," and later the publication *Oil and Gas Investor* listed him as one of the "100 Most Influential People of the Petroleum Century."



Michael Polsky
Founder, President, and CEO of Invenergy, LLC, has nearly 30 years of

experience in the energy industry. Invenergy LLC, founded in 2001, develops, owns, and operates large-scale electricity generation assets in North American and European markets. Before Invenergy LLC, Mr. Polsky founded SkyGen Energy LLC in 1991. In fewer than ten years, he led SkyGen to develop a 12,000 MW portfolio, and SkyGen was bought by Calpine Corporation. Mr. Polsky was appointed to Calpine's Board of Directors and became a senior executive at Calpine. Prior to forming SkyGen, Mr. Polsky cofounded 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.



Louie Psihoyos
Director of The Cove; Executive Director of Oceanic Preservation Society (OPS),

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



Phil Radford

Executive Director, Greenpeace, one of the nation's largest and most influential environmental groups. At the helm of five hundred environmental leaders working on national and international campaigns, and with roots in local organizing and fundraising, Radford's special expertise is in mobilizing people to raise their voices for the planet. For six years he served as Grassroots Director for Greenpeace and built a thriving and strategic grassroots program. Prior to Greenpeace, Radford founded and was Executive Director of Power Shift, a non-profit organization dedicated to creating clean energy market breakthroughs, such as working with cities to secure solar energy efficiency investments for municipal buildings. Radford won a commitment from Citigroup to offer and market energy efficient mortgages to make solar and wind power affordable for American home owners. He holds a degree from Washington University in St. Louis and a certificate in Non-profit Management from Georgetown University.



Sally Ranney

Co-Director, AREDAY and board member of AREI, Sally has been instrumental in developing the AREDAY Summit from 2007-2011. She is CEO of Stillwater Preservation, LLC, a wetlands mitigation banking company, founder/President of Rising Wolf Int'l, a consulting group, co-founder/Anchor of *A Matter of Degree*, a program for TV that examines climate change and business, and spoke at 2011 TEDx Denver. With 30 years experience in the public/private sectors biodiversity, energy, water, wildlife and public land policy, Sally developed 'Corridors of Life', the first GIS satellite land mapping program undertaken by an NGO in the U.S. She founded American Wildlands, was appointed by President Reagan to the Commission on American Outdoors, is on the BOD of of the Gallmann African Conservancy (US/Kenya) and chairs the Earth Restoration Alliance. She is on the Patron Committee, IUCN, the Steering Committee, iMatter Campaign, the Global Advisory Committee, Women & the Green Economy (WAGE) and a managing partner of A.R.E. Equity Partners. Sally served on the BOD of the Natural Resource & Agricultural Policy Advisory Board, CSU, and The Natural Step.



Nathan Ratledge

Executive Director of Community Office for Resource Efficiency (CORE), is primarily responsible for REMP projects and grant management, fundraising and general organizational oversight. Prior to joining CORE in 2008, Nathan worked for the Aspen Center for Environmental Studies, Conservation International and the Smithsonian. He has also participated in overseeing a number of overseas projects including initiatives with the La Selva Biological Station in Costa Rica, the Wildlife Conservation Society in Laos, and the Makwalo White Lion Project in South Africa and has worked as an English teacher in Kathmandu, Nepal. Nathan attended the University of Georgia and holds a B.A. in Ecological Anthropology and minors in English and Environmental Ethics.



Rhone Resch

President & CEO, Solar Energy Industries Association (SEIA), the national trade association representing more than 1,000 solar energy manufacturers, distributors, contractors, installers, architects, consultants and financiers. Established in 1974, SEIA works to make solar energy

a mainstream and significant energy source by expanding markets, strengthening the industry, and educating the public on the benefits of solar energy. Resch lives with his family in a solar powered home in Washington, D.C.



Kelly Rigg

Executive Director, GCCA, a global alliance of 250 organizations that cooperate under the banner of the tckctck campaign. Rigg has been leading international campaigns for thirty years on climate, energy, oceans, Antarctica, and other issues. With Greenpeace, she served as a senior campaign director for twenty years both in the United States and internationally. In 2003, she founded the Varda Group Consultancy which provides campaign, communications and strategic advice to a wide range of NGOs. From 2004-2009, she led the Deep Sea Conservation Coalition's campaign to protect the high seas from destructive bottom fishing. After joining the GCCA in early 2009 as an advisor, she became its Executive Director in 2010.



Bill Ritter Jr.

Founding Director of the Center for the New Energy Economy (CNEE) at Colorado State University. The Center started February 1, 2011 and employs an Assistant Director, two Senior Policy Advisors, and an Executive Assistant. Ritter was elected as Colorado's 41st governor in 2006. During his 4 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; 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. Ritter is married to Jeannie, and before serving as District Attorney, he and Jeannie operated a food distribution and nutrition center in Zambia.



Kathleen Rogers

President, Earth Day Network, has been an environmental attorney and advocate for over twenty years. As National Audubon Society's Chief Wildlife Counsel, she directed programs such as Audubon's international trade, migratory species, and biodiversity policy initiatives, and was Environmental Representative on the United States Delegation-Free Trade Area of the Americas (FTAA). Responsible for bringing the first citizen complaint before the Commission for Environmental Cooperation, Kathleen has held senior positions with the Environmental Law Institute; Piedmont Environmental Council; two U.S. Olympic Organizing Committees; and the United Nations Conference on Women. Honored as one of "2010's Top Working Mothers" by *Working Mother* magazine, she has been featured as "Power Player of the Week" on Fox News Sunday with Chris Wallace and, most recently, given the "Luminary" award, which honors women who are inspirations in their field, by Womensphere and the Urban Zen Foundation.

"There is a sufficiency in the world for man's need but not for man's greed."

— Mohandas K. Gandhi



Tisha Conoly Schuller

President & Chief Executive Officer, Colorado Oil & Gas Association, is

responsible for leading the industry in Colorado legislative, regulatory, and public relations matters. Previously, Ms. Schuller served as a Principal and Vice President with Tetra Tech, a national environmental consulting and engineering firm. In addition to running business operations, Ms. Schuller has spent the last 15 years conducting environmental permitting for oil and natural gas projects across the country. She has a B.S. in Earth Systems, with an emphasis in Geology, from Stanford University. Tisha is married to Brian and they have two young boys. They live in rural Boulder County in a log cabin built in 1873.



Debra D. Schwartz

Director of Program Related Investment at the John D. and Catherine T. MacArthur Foundation, oversees a \$300-million

portfolio of Program-related Investments (“PRIs”), below-market loans and investments made for charitable purposes. Currently, MacArthur’s PRI program focuses on preserving affordable rental housing and fostering financial innovation that advances the development of low-income communities across the US. Before joining MacArthur in 1995, Schwartz was chief financial officer for a nonprofit child welfare agency and a public finance investment banker at John Nuveen & Co. Schwartz is a past presidential appointee to the US Treasury Department Community Development Advisory Board. She is a Social Enterprise Fellow at the Yale School of Management and an Adjunct Professor at the University of Chicago. She graduated from Yale University summa cum laude and has a Masters in Finance from Northwestern University’s Kellogg School of Management.



Gail Schwartz

Colorado State Senator (D), is a leading education proponent and rural economic development advocate. Her district extends over 11 counties. Schwartz’s State Senate committee responsibilities include a second term as Vice-Chair of the Agriculture, Natural Resources and Energy Committee and the Local Government Committee. She also serves on the Senate Business, Labor and Technology Committee. Senator Schwartz’s other appointments include the Colorado Heritage Tourism Committee, serving as liaison to the Colorado Commission on Higher Education, and the Senate Select Committee on Renewable Energy. She was awarded “Legislator of the Year” from the Independent Bankers of America (2006).



Larry Schweiger

President and Chief Executive Officer of the National Wildlife Federation, oversees America’s largest conservation organization, with 46 affiliates and more than four million members and supporters. Previously, Larry served for eight years as President and CEO of the Western Pennsylvania Conservancy, where he pioneered watershed restoration and promoted ecological research, land conservation and community outreach. Larry is an active community leader, having served on more than 40 governing boards, commissions and committees. He currently serves on the Boards of Directors of the Alliance for Climate Protection; the H. John Heinz III Center for Science, Economics and the Environment;

and National Wildlife Federation Action Fund. Larry’s recent book *Last Chance: Preserving Life on Earth* focuses on global warming, wildlife, and our need to transition to a clean energy economy.



Joel Serface

Entrepreneur-in-Residence at NREL; Kleiner, Perkins, Caufield & Byers, is

an investor and entrepreneur, and has worked on cleantech in Massachusetts, California, Texas, and Colorado. Since 2000, he has started or invested in over 20 cleantech companies. Joel served as Director of the Austin Clean Energy Incubator at the University of Texas designed to support cleantech start-ups renewable energy development, and clean energy growth in Texas. Joel 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. Joel received his B.S. in Chemical Engineering with concentrations in Environmental and Biotech Engineering from the University of Texas at Austin.



Jigar Shah

CEO, Carbon War Room, is a renowned visionary committed to renewable energy and sustainable solutions that enable prosperity beyond the carbon economy. He is an expert at identifying “business as usual” practices and replacing them with low-carbon solutions. His founding of SunEdison in 2003 revolutionized the solar industry with the introduction of a business model to sell solar as a service; solar power service agreements were responsible for transforming solar into a multi-billion dollar industry. As an expert on energy project finance, changing energy policy, working with entrenched stakeholders, and convincing individuals to embrace energy technology, he works closely with entrepreneurs, policymakers, and investors around the world to develop, incubate, and implement sustainable solutions. Shah holds a B.S. in Mechanical Engineering from the University of Illinois, an MBA from the University of Maryland, and sits on the boards of SB NOW and Greenpeace USA.

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Kevin Smith

Chief Executive Officer, SolarReserve, a company whose technology includes integrated energy storage capable of delivering clean, renewable electricity on demand. Smith’s twenty-five years of energy industry experience includes senior executive positions in the development of solar, wind energy, natural gas, and biomass-fueled electricity facilities. He has led the successful development, acquisition, financing, and construction of energy projects totaling more than 5,000 megawatts and long-term electricity sales contracts approaching \$50 billion in the U.S. and internationally. As Senior Vice President at Invenergy LLC, he led Invenergy Wind from startup to one of the largest, privately owned renewable energy businesses in the world, with over \$2.0 billion projects in operation. Prior to Invenergy, Smith was President of Insight Energy and CEO of London-based Rolls-Royce Power Ventures. He holds an MBA in Finance from the University of Chicago and Mechanical Engineering degree from Purdue University.

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Maria Snyder

Top model, trailblazing designer, eco-fashion pioneer, and activist, Maria

recently launched several brands devoted to eco-awareness and inter-connectedness, including Eco Boys and Girls™, an educational tool for children to learn, engage and participate with simple and direct messages of love, peace and environmental awareness. Maria studied at the American University in Paris and received a Master's Degree in 20th Century Art History. She was discovered by Yves Saint Laurent, leading to an international modeling career and work with the world's top legendary designers and photographers. After meeting Diane von Furstenberg, Maria rose to international fame as a top fashion designer. She was "one of the first designers to introduce an exclusive eco-collection created from recycled materials." EcoBrands™, an authority website about eco-fashion and PeaceART™, works of art for foundations, institutions and hospitals around the world.



Thomas F. Steyer

Senior Managing Member, Farallon Capital Management L.L.C., an investment

fund with offices on three continents. In 2010, he served as co-Chair, with former Secretary of State George Shultz, of the successful campaign to oppose Proposition 23 in California, an initiative that would have undercut California's commitment to clean energy. "No" on Proposition 23 garnered more votes than any campaign in the country in 2010 and won in every demographic, ethnicity, gender, and political affiliation. He is a Managing Director of Hellman & Friedman, a San Francisco-based private equity investment firm, and also serves on the Board of Trustees of Stanford University, where he has established two renewable energy research institutions to forward his passion for energy reform: the TomKat Center for Sustainable Energy and the Steyer-Taylor Center for Energy Policy and Finance.



Julienne Stroeve

Research Scientist at the 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. J. 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. J. Stroeve has been lead author on more than 20 papers and co-author on more than 30 papers. J. Stroeve's work has been featured in several Discovery Science and History Channel documentaries.



Eddie Sturman

Founder of Sturman Industries, has

been described as "one of America's greatest natural resources." Eddie is a leader in improving process control and mechanical system design. Known for his simple and innovative solutions for mechanical system challenges, he generates numerous inventions annually. Eddie pioneered 'latching' valves, as a result of developing a more efficient valve for the Apollo space program. Eddie's 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 those in the diesel mobility industry, and government leaders looking for better ways to solve the problems facing our nation and the world. Safe, energy-efficient products that help preserve the Earth's natural resources continue to be his aim.



Woody Tasch

Founder and Chairman of Slow Money,

formed the non-profit in 2008 to catalyze the flow of investment capital to small food enterprises and to promote new principles of fiduciary responsibility that support sustainable agriculture and a restorative economy. Tasch is Chairman Emeritus of Investors' Circle, a nonprofit network of investors that has facilitated the flow of \$130 million to 200 sustainability minded companies and venture funds. During the 1990's, Woody was treasurer of the Jessie Smith Noyes Foundation, where he pioneered mission related investing. He is an experienced venture-capital investor and entrepreneur, he has served on numerous for-profit and non-profit boards, and was founding chairman of the Community Development Venture Capital Alliance, which supports venture investing in economically disadvantaged regions. His book *Inquiries into the Nature of Slow Money* is available from Chelsea Green Publishing.



David G. Trickett

President, Iliff School of Theology and Henry White Warren Professor of Ethics and Leadership, earned his Ph.D from

Southern Methodist University. Trickett's doctoral work, which mirrored the difficulty in respecting boundaries between constructive theology and ethics embodied by his subject, theologian Reinhold Niebuhr, led to educational ventures that also included guest teaching. As head of the Washington, D.C. Theological Consortium, Trickett addressed leadership needs among those educated in theology, which ultimately led him to form The Jefferson Circle in 1993, a global teaching practice that provided theology for daily life in corporations and governments on several continents. Niebuhr's notion of "responsible self" and Wesley's sense of "social holiness" have been central to that work. In 2004, Trickett chaired the Center for World Religions, Diplomacy, and Conflict Resolution within the Institute for Conflict Analysis and Resolution at George Mason University.



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 dedicates his time and resources to making the world a better and safer place by addressing the planet's most pressing issues, which include climate change, nuclear disarmament, global health, environmental protection and renewable energy. Turner recently partnered with the Southern Company to develop renewable energy projects, including a 30 megawatt thin film solar project located in New Mexico. 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 (TMG), 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.



Heidi VanGnderen
Director, National and Regional Outreach for the American Council on Renewable Energy (ACORE), a membership-based, non-profit organization that educates and facilitates action on the technologies, finance, and policies supporting expansion of renewable energy. She organizes at the state, regional, and federal level through ACORE's membership and through strategic partnerships. Throughout the whole of her career, VanGnderen has worked on energy and sustainability issues. A Colorado native, she previously served as Colorado's first gubernatorial climate advisor where she oversaw creation of the state's first Climate Action Plan. Prior to that, she served as a senior staff to the Wirth Chair in Environmental and Community Development Policy at the Graduate School of Public Affairs at the University of Colorado. During that time, Heidi helped instigate and pass Amendment 37, Colorado's citizen initiated renewable energy standard.



Trip Van Noppen
President, Earthjustice, leads the organization's staff, board, and supporters to advance its mission of using the courts to protect the environment and people's health. With degrees from Yale and the University of North Carolina, Trip clerked for a Federal district judge and practiced law in Raleigh, North Carolina, in a litigation practice emphasizing civil rights, employment, environmental, and toxic tort cases. In 1998, he joined the Southern Environmental Law Center and became director of its Carolinas Office. Both in private practice and at the SELC, Trip handled a wide variety of environmental cases and cases involving access to the courts. From 2005-2007, he was Earthjustice's Vice President for Litigation. Trip is married to Rivka Gordon and they have two children.



Pic Walker
Executive Director of Alliance for Climate Education (ACE), has over a decade of experience in the environmental sector. He has worked in the private sector with Blu Skye, a consulting firm that assists Fortune 500 clients in developing sustainability and environmental programs. Prior to joining Blu Skye, Pic worked at the Gordon and Betty Moore Foundation leading research and development efforts for the Environment team. He co-developed the Wild Salmon Ecosystem Initiative, a \$190 million effort to have a substantial and measurable impact on the long-term sustainability of wild Pacific Salmon. He is a certified NOLS instructor and has worked with several conservation organizations including Conservation International, CI-Guatemala and Rainforest Action Network. Pic holds a B.A. from Middlebury College and an M.B.A. in sustainable enterprise from the University of North Carolina, Chapel Hill.



Richard Ward
Vice President and Director of Energy Initiatives, Aspen Science Center, currently leads multilateral programs that combine the interests of NGOs, industry, government, and regulators toward the optimization of cleaner energy potentials for natural gas in North America. These programs, which are driving new alliances, results-based initiatives, and strategies to further optimize energy policy, include organizations such as the Department of Energy; BLM; Worldwatch Institute; the Sierra Club; Chesapeake Energy; Southwestern Energy; the NRDC; Calpine; and Shell Oil Company. At Shell Oil, Ward was responsible for

strategy and planning for environmental and safety functions and earlier led Shell's "Factor 4" efficiency effort and managed CO2 accounting, assurance, and reporting. Prior to that, Ward gained broad experience as a Senior Environmental Manager in Saudi Arabia and as a geologist and hydro geologist in the U.S. He received his B.S. in Geology and his M.S. in Applied Earth Sciences from Stanford University.



Bryan Welch
Publisher and Editorial Director of Mother Earth News, defies environmental stereotypes as a business leader, farmer, thought leader, and environmentalist. In addition to *Mother Earth News*, he is the publisher of *Natural Home and Garden*, *Grit*, and more. From the barnyard to the boardroom, Welch empowers individuals and organizations to create a beautiful and abundant world. His work, a green business success story, demonstrates that being green can generate green without destroying natural or human resources. In his new book, *Beautiful and Abundant*, Welch cuts through the pessimism and denial that pervade today's environmental discussions and invites readers to visualize a verdant and prosperous future. A graduate of the University of Denver with a master's degree from Harvard University, Welch and his wife raise grass-fed cattle, sheep, goats, and free range chickens at their farm, Rancho Cappuccino.



Dick Williams
President, Shell WindEnergy, joined Shell in 1980 after receiving his Electrical Engineering degree from Penn State. After working as an engineer in a variety of Shell's regions, he returned to Houston in 1993 and joined the Joint Ventures group, where he was responsible for the negotiation and operation of several large projects in the Gulf of Mexico. In 2000, he led the Commercial Development of a major restructuring effort; he then served as Operations Support Manager for Shell's Pipelines and Distribution Terminals for three years; then as Commercial Manager for Shell Distribution North America for three years. In 2008, Dick was appointed President of Shell WindEnergy; the company's activities range from developing new projects in North America to the operation of eleven windfarms - eight in North America and three in Europe - with a capacity of 1100 MW.



Morgan Williams
President, Biochar Solutions, Inc. has been active in bioenergy and biochar research and development since 2006. At the foundation, Morgan has developed, managed, and secured funding for interdisciplinary research teams composed of university, government, and private sector scientists. He has presented at numerous conferences around North America and internationally on low-input bioenergy production for semi-arid environments, biochar for land reclamation, and renewable energy for rural agricultural development. Morgan holds a B.S. in Biology with honors from Warren Wilson College, is a published author, and has developed a provisional patent related to biochar for mine reclamation. He serves on various boards and working groups related to his field for the USDA-ARS, Colorado State University, and several non-profit consortiums.



Timothy E. Wirth

President of the United Nations Foundation and the Better World Fund,

which were founded through financial commitment from Ted Turner to strengthen the work of the United Nations. Wirth began his career as a White House Fellow under President Lyndon Johnson and as Deputy Assistant Secretary for Education in the Nixon Administration. He then returned to Colorado and successfully ran for the U.S. House of Representatives in 1974; he served from 1975-1987. Wirth was also elected to the U.S. Senate in 1986, where he 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.



Mary Christina Wood

Faculty Director, Environmental & Natural Resources Law Program University of Oregon, School of Law,

Wood is a Philip H. Knight Professor of Law and a 2007-2008 Luvaas Faculty Fellow at the University of Oregon School of Law. Wood teaches property, natural resources, public trust, federal Indian, public lands, wildlife, and hazardous waste law. She is the Founding Director of the school’s Environmental and Natural

Resources Law Program and is Faculty Leader of the Program’s Conservation Trust Project, Sustainable Land Use Project, and Native Environmental Sovereignty Project. Recipient of two distinguished teaching awards, she has published extensively on climate crisis, natural resources, and native law issues. She is currently working on a book entitled, *Nature’s Trust: Environmental Law for a New Ecological Age*. A frequent speaker on global warming issues, she has received national and international attention for her sovereign trust approach to global climate policy. Wood earned her J.D. at Stanford Law School.



Paul Young

Founding Partner, Principato-Young Entertainment (PYE), one of the most

influential management production companies in Hollywood. Established in 2000, PYE currently employs a staff of fifty-four and represents actors such as Ed Helms (“The Hangover”); Kevin Connolly (“Entourage”); John Cho; Justin Long; and Will Arnett. PYE also represents the writers and directors of films such as “Thor,” “X-Men: First Class,” “Role Models,” “Never Say Never,” and “The Last Exorcism.” As a producer and manager, Young has been responsible for cultural touchstones ranging from “Reno 911” to “Night at the Museum.” He began his career in 1994 as a reporter for Variety; he then served as Director of Creative Affairs for Paramount Pictures. In 2003, he was named to The Hollywood Reporter’s list of the 35 Most Powerful People Under 35. Young graduated from Swarthmore College with honors in 1992.

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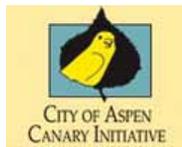
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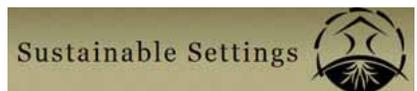


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