



ENERGY AFRICA

11th ANNUAL CONFERENCE

**INVESTING IN AFRICA'S
ENERGY FUTURE**

www.energyafricainconference.com

NOVEMBER 27TH & 28TH 2018
Sheraton Denver Downtown Hotel • Denver, Colorado
www.energyafricainconference.com

WELCOME TO COLORADO AND THE 2018 ENERGY AFRICA CONFERENCE

This year marks the 11th anniversary of the Energy Africa Conference. We are excited to reach this milestone and look forward to many more. The conference is held in Denver, Colorado because Colorado is one of the leading states in the nation in developing and disseminating clean energy policies and practices. We hope to share this experience with the conference participants and use it as a springboard for solutions and connecting United States and firms across the globe to the business opportunities in the African power sector.

This year's Energy Africa Conference, under the theme "Investing in Africa's Energy Future", will focus on identifying the barriers to energy access and how these barriers could be overcome. The undeveloped renewable energy sources promise a cost effective, environmentally friendly and sustainable approach for Africa to meet its energy needs.

The Energy Africa Conference brings together business executives and thought leaders from the public, non-government organizations and research institutions to discuss, share best practices, form partnerships and invest in the work needed for Africa to increase energy access.

We hope this conference inspires you to think bigger and more broadly about energy related opportunities, to expand your horizons, to grow your businesses, and be part of the solution in making the world a better place.

We want to express our appreciation to the many people that have helped us grow over the years, some of whom are going to be honored during this year's conference. We would also like to thank our sponsors for their generous support without which this conference would not be possible.

Energy Africa Conference Committee

ORDER OF EVENTS

DAY ONE: TUESDAY, NOVEMBER 27TH

ALL DAY REGISTRATION

7:30-8:00 AM **Networking Breakfast**

8:00-8:30 AM **Opening and Welcoming Remarks**

Luka Powanga, Founder, Energy Africa Conference and Professor, Anderson College of Business, Regis University

Timothy Keane, Dean, Anderson College of Business, Regis University

8:30-9:00 AM **Welcome Remarks**

Jerry Tinianow, Chief Sustainability Officer, Department of Public Health and Environment, City and County of Denver

9:00-9:30 AM **Why are we here?**

Description: Lays out the case for Energy Development in Africa

Key Note: Lawrence Jones, Vice President, Edison Electric Institute Inc.

9:30-10:00 AM **Setting the Stage—What are we trying to do?**

Description: Presents the questions we need to ask and answer in the coming days.

Deirdre White, CEO, PYXERA Global

10:00-10:30 AM **Networking Break**

10:30-11:30 AM **Panel 1: Getting Started—How do we make this work (feasibility)**

Description: A major problem of energy projects in Africa is most of them are not bankable. This panel discusses how to finance feasibility studies to make these projects viable and attract funders.

Moderator: Lamine Savadogo, President at Marison Energy Systems Corporation

Panelists:

- Michael Farina, Director, Market Development, Global Gas to Power, GE
- Suresh Sharma, co-founder and Managing Partner, Open Range Capital Partners (ORCP),
- Cameron Brooks, Founder, Tolerable Planet Enterprises
- Megan Kerins, Senior Associate, Islands and Electricity Practices at Rocky Mountain Institute

11:30-12:30 PM Panel 2: Getting Started 2—How do we pay for this? (finance)

Description: Different financing mechanisms will be discussed across banks, currencies, bonds, credits and auctions that can increase power generation. The role of foundations and other development partners will be discussed.

Moderator: David K. Owens, former Executive Vice President of Business Operations Group and Regulatory Affairs at Edison Electric Institute Inc.

Panelists:

- Taolo Modisi, Investor and the founder of Alpha Reign, a capital markets advisory and investment firm in South Africa
- Robert Quist, Chief Investment Officer, Catholic Energies and Faith Energies
- Terry Williams, Managing Partner, JCE Capital Management

12:30-1:00 PM Lunch

1:00-1:30 PM Luncheon Speaker and Service Award Presentation

Key Note: Robert Stoner, Deputy Director, MIT Energy Initiative and Conference Chairman

1:30-2:30 PM Panel 3: Staying Safe—How might we mitigate risk?

Description: Leveraging supportive US agencies (SBA, EIB, OPIC, MCC etc) could help mitigate risk as could partnerships with those on the ground working with governments and communities.

Moderator: Lana Lennberg, Senior International Trade Specialist, U.S. Export Assistance Center, Denver, U.S. Department of Commerce.

Panelists:

- Paul Bergman, Director, US Export Assistance Center, US Department of Commerce
- Bryson Patterson, Regional Trade Finance Specialist, Small Business Administration (SBA)
- Karen Gerwitz, CEO and President, World Trade Center, Denver

2:30-3:30 PM Panel 4: Doing the Work—How might we make this easier? (implementing)

Description: Reviewing the challenges of implementing energy projects in developing and emerging regions of Africa—the impact of policies, institutions, human capital, security and other issues that companies face—as well as the opportunities that develop.

Moderator: Michael Ashford, Director of the Water, Energy and Sustainable Cities (WESC) Practice at Chemonics International, Inc.

Panelists:

- Melusile Ndlovu, Capacity Building Specialist, USAID-funded South Africa Low Emissions Development Program (SA-LED).
- Sarah Dimson, Deputy Director, Partnerships Office, Power Africa
- Sam Booth, Senior Project Leader, National Renewable Energy Laboratories (NREL)

3:30-3:40 PM Networking Break

3:40-4:00 PM Microgrid topologies and Energy Access

Key Note: Andy Walker, Senior Research Fellow, National Renewable Energy Laboratories

4:00-5:00 PM Panel 5: Moving Forward—What is yet to come

Description: A look at microgrids, off grid, and on grid power generation to electrify mining, manufacturing facilities and rural growth communities.

Moderator: Ravi Vola, former Advisor – International Programs, Renewable Energy Grid Integration

Panelists:

- Daniel Zimmerle, Senior Research Associate in the Energy Institute, Colorado State University
- David Renné, President of the International Solar Energy Society
- Brandy Lellou, Owner of Last Mile Solutions and partner in DreamAfrica Consulting
- Steve Katsaros, Founder and CEO, NOKERO Solar

5:00-7:30 PM Networking Reception

DAY TWO: WEDNESDAY, NOVEMBER 28TH

ALL DAY REGISTRATION

8:00-9:00 PM Networking Breakfast

9:00-10:00 AM Panel 6: Welcome Back—What if we did things differently? (Collaboration)

Description: How might we end energy poverty by enhancing energy access in low income and displaced communities? Building on two days of collaborative work at the PYXERA Global Engagement Forum in October, a cross sectoral panel discusses the outcomes of that event, reviews the barriers that exist to solving energy poverty and looks to the solutions that are now being discussed. Panelists from across sectors include designers, the technology industry, implementing NGOs, advocates, SMEs and MNCs.

Moderator: John Holm, Vice President, Pyxera Global

Panelists: Harry Pastuszek, Vice President of Client Engagement
Mark Correnti, Managing Director, Investments at Shine Campaign
Madie Sturgess, Project Manager, Earth Spark International

10:00-11:00 AM: Panel 7: TED Talks on Innovation and Energy Access

Description: How innovations and technologies such as blockchain, Big Data, Natural Gas capture, and modern weather forecasting models to predict weather patterns could accelerate energy access: TED Talks from the experts.

Moderator: Jason Nagy, Founder of Mainspring Innovation, LLC in Denver, Colorado

Panelists:

- John Carpenter, co-founder of the Global Blockchain Summit
- Ngueti Armand Gaetan, founder, Ngueti IT Solutions, Cameroon
- Greg Poulos, CEO & Principal Atmospheric Scientist, ArcVera Renewables
- Wiley Rhodes, CEO Newpoint Companies

11:00-11:30 AM Networking Break

11:30-12:30 PM Panel 8: Expansion into Africa—The Role of China in powering Africa

Description: China has long been engaged in the development of Africa's power sector—this panel will discuss some of the projects developed to date and the impact they are making on the continents power generation, distribution, transmission capacity and financing.

Moderator: Luka Powanga, Professor, Anderson College of Business and Founder Energy Africa Conference

Panelists:

- Colonel Chris Wyatt, Director of African Studies at the United States Army War College
- Chip Comins, Chairman and Chief Executive Officer, American Renewable Energy Institute (AREI, Inc)
- Robert Mulverhill, Executive Chairman, Board of Directors of Standard Alcohol Company of America, Inc.

12:30-1:00 PM Lunch

1:00-1:30 PM Key Note Speaker

Description: Government relations to Energy Policy and the Environment-the Case of Wyoming and the lessons for Africa

Rep. James Byrd, the State Representative from Wyoming

1:30-2:30 PM Panel 9: Working Together—how might we develop local capacity? (Human Capacity)

Description: What training and education is needed for local populations to ensure successful energy projects, provide ongoing support and reap the benefits for local communities. The role of universities and education will be discussed.

Moderator: Jason Nagy, Founder, Mainspring Innovation, LLC

Panelists:

- Sarah Dimson, Deputy Director, Partnerships Office, Power Africa
- Carol Carter, CEO, GlobalMindED\
- Lewis Ncube, Founder and CEO, Synergy Ventures International Limited

2:30-3:00 PM Doing better—How might we expand opportunities? (Doing Business with Africa, the case for Liberia)

Description: Many opportunities for doing business in Africa. This session will ask how to do business with Africa focusing on Liberia.

Key Note: Jackson K George Jr, Honorary Consul General of Liberia

3:00-4:00 PM Panel 10: Moving Forward—what will you do next?

Description: Opportunity for participants, speakers and organizers to commit to a way forward, provide additional thoughts on what resonated and make plans for progress for Energy in Africa.

Moderator: David K. Owens, former Executive Vice President of Business Operations Group and Regulatory Affairs at Edison Electric Institute Inc.

4:00-4:10 PM Wrap up

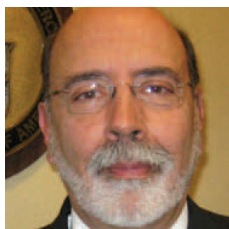
SPEAKERS



MICHAEL ASHFORD

Director, Water, Energy and Sustainable Cities Practice, Chemonics

Mike Ashford is Director of the Water, Energy and Sustainable Cities (WESC) Practice at Chemonics International, Inc. In that role, he manages company-wide the technical and professional resources for Chemonics' international service delivery regarding power, water and municipal services. Mike has 20 years' experience in clean energy with a focus on project development and reducing development risk through innovative financing. Before joining Chemonics, Mike helped launch a clean manufacturing technology company, leading the business planning and venture capital raise during its start-up phase. Mike's work has taken him to more than 15 countries as a technical expert for USAID, the World Bank, and the International Finance Corporation, as well as numerous private and non-profit organizations.



PAUL BERGMAN

Director, U.S. Export Assistance Center, Denver

Paul is the Director of the U. S. Export Assistance Center in Denver. He has worked for the U.S. Departments of State and Commerce for more than 43 years. Paul served as the first U.S. Foreign Commercial Service Officer of the U. S. Department of Commerce in Bucharest, and returned to Romania during the summer of 2001 in the role of Acting Senior Commercial Officer. Paul has worked in and visited over thirty-five countries, including acting as the Senior Commercial Officer in Tel Aviv, Israel in the summer of 2006 and a recent tour as the Acting Commercial Counselor in Lagos, Nigeria.

Paul currently serves on the World Trade Center Denver Board and its Executive Committee, has served two terms on the Advisory Board for the State of Colorado on International Trade, and has completed three terms as President of the International Trade Association of Colorado. Consequently, Paul has received an award for "Outstanding Service to the Community" from the International Trade Association of Colorado and was given a lifetime membership to the Association. He also has served on the Board of Advisors for the Denver Foreign Trade Zone and on the Governor of Colorado's Task Force on Latin America.

A 1971 graduate of Regis College in Denver, Paul received a Master's Degree in International Management from Thunderbird Graduate School of International Management in Phoenix, Arizona in 1973, and has completed post graduate doctorate studies at the University of Denver. Paul's interest in education led him to serve as an adjunct professor at several Colorado universities and his love of basketball has resulted in coaching positions at local high schools.



SAM BOOTH

Senior Project Leader, National Renewable Energy Laboratory (NREL)

Sam Booth is a Senior Project Leader at the National Renewable Energy Laboratory (NREL). He has over ten years of experience in the clean energy industry working on renewable energy, microgrids, and finance. He is currently leading work to support the Power Africa Beyond the Grid Program with developer technical assistance, knowledge products, and country policy support. He has worked on numerous other international projects such as off grid feasibility studies in Indonesia, renewable energy development in Haiti, and island energy planning in Brazil. He is also currently helping Marine Corps installation Miramar to build the most advanced installation scale microgrid in the DoD and recently helped the installation commission and test a 100% renewable building level microgrid. Prior to joining NREL Sam worked in energy and aerospace research and development engineering. He has B.S. degrees from the University of Colorado in Chemical Engineering and Environmental Engineering plus a Masters of Business Administration (MBA) from Boston University.



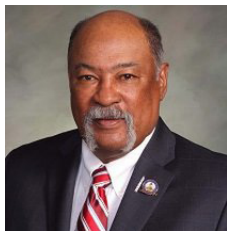
CAMERON BROOKS

CEO and President, World Trade Center Denver

Tolerable Planet Enterprises is led by Cameron Brooks, who has spent over two decades at the cutting edge of energy markets and environmental advocacy. A seasoned executive, Cameron has served in senior positions in smart grid, renewable energy, and energy efficiency firms. As an advisor, he balances long-term vision with near-term objectives to design strategic campaigns and achieve business objectives. Cameron has deep experience with public policy, capital markets and electricity regulation that give him a unique ability to craft and lead innovative solutions for the environmental challenges of today.

Most recently, Cameron was Vice President of Policy for Tendril, a leading consumer smart grid technology company. In this role, Cameron was responsible for all utility commission interactions, government relations and stakeholder engagement. Previously, he was Vice President of Resource Development at Renewable Choice Energy, a full-service provider of renewable energy credits and carbon offsets. Cameron led investment outreach programs for the Clean Energy States Alliance (CESA) and Clean Energy Group (CEG), a coalition of state-level public benefit funds with over \$4B of committed capital for clean energy commercialization. In this capacity, Cameron focused on outreach to venture and institutional investors, including forming a network of investment officers from 30 public pensions, endowments and institutional investors with over \$1 trillion in assets to develop clean energy strategies for their portfolios.

From earlier in his career, Cameron has experience that spans a wide range of environmental, green building and media roles. In Telluride, Colorado, he founded an energy efficiency and green building consulting group, Telluride Negawatt; served as Assistant Director of Mountainfilm, the premier mountaineering, adventure and environmental film festival; and was the first Executive Director of Sheep Mountain Alliance, a regional environmental advocacy organization.



JAMES BYRD

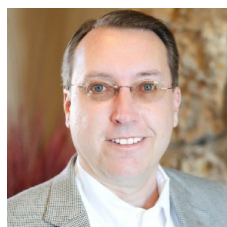
Wyoming State House of Representatives

Rep. James Byrd is a member of the Wyoming State House of Representatives, since 2008. A former minority Whip, he has been a member of various committees including Corporations, Elections and Political Subdivisions, Management Council, Minerals, Business and Economic Development, Select Committee on

Capital Financing & Investments, and Select Committee on Legislative Facilities, Technology and Process. He also served as Minority Caucus Chair, from 2015-2016.

Rep Byrd worked an exploration geophysicist technician for Compagnie Générale de Géophysique and British Petroleum Amoco. Later he served as a network systems Analyst for various companies including computer network Services LLC and Computer Shop. He now serves as a Senior Network/System Analyst of Byrd Companies, LLC, DBA Computer Shop-BiT, a company he founded in 2006.

Rep. James Byrd attended Laramie County Community College and got degrees in Geology, Geophysics, Computer Science and Psychology from the University of Wyoming.

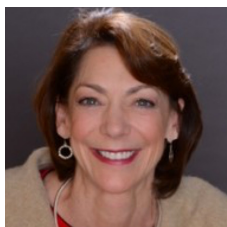


JOHN CARPENTER

Co-founder, Global Blockchain Summit

John is the co-founder of the Global Blockchain Summit. The Summit is focused exclusively on Blockchain technologies that support fin-tech, smart contracts, energy, healthcare, IoT, real estate, and supply chain solutions, and presented by visionary speakers that have developed Blockchain solutions using

leading edge technologies like Ethereum, and Hyperledger. John is the President of the Denver Chapter of the Government Blockchain Association (GBA), a Blockchain Trainer, National Speaker and Consultant and he leads the Hyperledger Meetup in Colorado. John is also an active contributor to the Accord Project smart contract platform and earned a Juris Doctorate degree and MBA from the University of Denver.



CAROL CARTER

Founder and CEO GlobalMindED

Carol Carter is a national and international student success author, speaker, corporate veteran, entrepreneur, and community leader. At the college level, her Keys to Success series has been read by more than 1,000,000 students and has been translated

into Chinese, Spanish, Arabic, and Canadian editions. She began her career in corporate America and became an executive at age 26 and a V.P. at Pearson Education at age 30. After 17 years in corporate America, Carol founded LifeBound, a student success company that publishes books and conducts trainings in academic coaching skills in the United States and internationally. Through LifeBound, Carol has published twelve books to improve the pipeline from 5th-12th grade for our students, especially those who are low-income.

In 2014, Carol founded GlobalMindED, a 501©3 organization that holds an annual conference convening leaders in education, government, business, and social enterprise committed to making a world of difference through creating a capable, diverse talent pipeline. In addition to the annual conference, there are six GlobalMindED Collaborative pilot programs in place at various universities. GlobalMindED's bold goal is to have 25,000,000 First Generation students, graduates, and those who work with them connected and resourcing each other with educational, job, and promotion opportunities by 2025. Carol's business experience and her international work provide a unique perspective on how we can prepare students to thrive as learners, professionals, and global citizens.

An innovator in student leadership and world-class skills, Carol has been the guest in over 50 countries and has worked with schools and associations as a keynote speaker in many of these locations. She has given workshops and keynote speeches for international education organizations in Asia, Australia, Africa, New Zealand, and the Tri Association Conference serving Mexico, the Caribbean and northern South America. Carol promotes a global perspective emphasizing leadership, critical and creative thinking and successful intelligence.



CHIP COMINS

Chairman and CEO, American Renewable Energy Institute

Chip Comins is the Chairman and CEO of the American Renewable Energy Institute, (AREI, Inc), Founder of the AREDAY Summit, Expo and Film Festival, Managing Director of American Spirit Productions, President and CEO of WEnergy, Inc. and Co-founder of the Green Girl Minute. He has produced and directed

both long and short form documentary films for educational and broadcast television markets, including The National Renewable Energy Laboratory, DOE Wind Powering America, PBS, Link TV and BET. A long-time advocate of developing and implementing renewable energy resources to abate greenhouse gases and climate change, Comins advocates a business approach to solving both the economic and environmental crisis. In 2009, he produced 13 official side events at the UNFCCC COP 15 in Copenhagen and is now producing the 13th Anniversary AREDAY Summit featuring President Jimmy Carter "Accelerating Solutions for the Great Transition" August 10-13, 2014.



MARK CORRENTI

Managing Director, Investments, Shine Campaign

With a professional background that includes leadership positions in the investment management, nonprofit and social enterprise sectors, Mark has performed fieldwork within Sub-Saharan Africa since 2000. He has over 20 years of experience in the investment management industry, including Managing

Partner responsibilities within Nicholas-Applegate Capital Management (NACM), a global investment management firm with \$60B in assets under management. Most recently, Mark was Director of Impact Investing at Miller Center for Social Entrepreneurship (Santa Clara

University), working with investors and prominent Africa-based enterprises (for-profits, nonprofits and hybrids) to help them scale. Mark began his career with IBM. He performed graduate studies at Johns Hopkins Bloomberg School of Internal Public Health, earned a Juris Doctorate (J.D.) from Loyola Law School, and B.S. and B.A. degrees from Loyola Marymount University.



SARAH DIMSON

Deputy Director, Partnership Office, Power Africa

Sarah Dimson spearheads Power Africa's effort to facilitate cleaner power transactions to financial close throughout sub-Saharan Africa. She identifies and develops solutions for private sector companies interested in doing business in Sub-Saharan Africa's dynamic electricity sector with a focus on grid-connected

transactions. Ms. Dimson works across a broad array of stakeholders to track and analyze existing deal flow and advance new business development opportunities. In addition to working directly with several of Power Africa's private sector partners, Ms. Dimson also serves as Power Africa's Africa's technical manager for programs with the International Finance Corporation and leads strategic work to scale up new solar PV generation.

Ms. Dimson joined the Power Africa Coordinator's Office in 2014, bringing over ten years of management and consulting experience in the energy sector. She has consulted for the World Bank Group's Africa Energy Division, managed the development of energy efficient and climate responsible real-estate projects in the U.S. and South Asia, and analyzed operational strategies for private sector companies through a career in management consulting.

Ms. Dimson holds a master's degree in City Planning-International Development from the Massachusetts Institute of Technology, and a Bachelor of Arts in Science, Technology and Society from Stanford University.



MICHAEL FARINA

Director, Market Development, Global Gas to Power, GE

Michael Farina has extensive global energy industry expertise centered around gas and power markets with consulting expertise across natural gas value chains in North America and around the world. More recently he has been active in gas to power project development in Africa, Southeast Asia, and Latin America. Prior to his current position, Michael was one GE's senior analysts on the global fuels market landscape. He was Leader of GE's Fuels Center of Excellence (COE) and part of GE's Corporate Strategy and Analytics team. His work helped senior leadership understand how fuels markets impact GE's long-term business strategy and technology investments. Michael has been in the energy industry for almost two decades, primarily focusing on natural gas and power markets economics, technology, and policy. Prior to joining GE, he was Director, North America Natural Gas, at Cambridge Energy Research Associates (CERA). Mr. Farina holds a BA degree in Economics from Colorado State University and a Master's degree in Economics from the University of Colorado.



STEPHEN M. FRANK

Senior Systems Engineer, National Renewable Energy Laboratory

Dr. Stephen M. Frank is a senior systems engineer at the National Renewable Energy Laboratory. Stephen's expertise is at the intersection between buildings, renewable generation, and the electric grid. He currently leads a multi-laboratory project that is developing energy models for AC and DC distribution systems in commercial and residential buildings for use in next-generation DC distribution system and DC microgrid design. Prior to joining NREL, Stephen completed a Ph.D. at Colorado School of Mines under a National Science Foundation Graduate Research Fellowship. His dissertation research developed analysis and optimization techniques for maximizing the energy efficiency of electrical distribution systems in commercial buildings using a mixture of AC and DC distribution. Before attending graduate school, Stephen worked with the Collaboratory for Strategic Partnerships and Applied Research at Messiah College to design, implement, and maintain solar photovoltaic microgrids for a clinic and rehabilitation center in Burkina Faso, West Africa.



JACKSON K. GEORGE JR.

Honorary Consul General-Liberia

Hon. Jackson K. George, Jr. is an entrepreneur, a community leader and a servant of his people. Hon. George was appointed by Her Excellence President Ellen-Johnson Sirleaf as Honorary Consul of the Republic of Liberia on December 15, 2017 and commissioned by the Minister of Foreign Affairs H.E. Marjon V. Makara on December 19, 2017 at the Foreign Ministry in Monrovia, Liberia. Hon. George is the first Liberian Honorary Consul in the state of Minnesota representing the Republic of Liberia. He was born in Grand Bassa County, Liberia to the union of Mr. Jackson K. George, Sr. and Odessa Holder George.

He is the Chief Executive Officer of Comfortable Living, Inc., President of the Liberian Business Association in the Diaspora and member of the Brooklyn Park Business Forward Advisory Board. Hon. George pride himself for his signature training, "Diversity in the Workplace as it relates to African immigrants".

He is a Christian and has four kids. He is a graduate of Concordia University with emphasis in Organizational Management and Leadership. Prior to being Honorary Consul, he served as Vice President and a member of the Board of Directors of the Organizations of Liberians in Minnesota, member of the Board of Directors of ARC Minnesota, Advisory Committee of the Hennepin County Multi-Cultural Diversity Committee, and member of the Brooklyn Park Human Rights Commission.



NGUETI ARMAND GAETYANO

Owner, Ngueti IT Solutions

Ngueti Armand Gaetan is the owner of Ngueti IT Solutions, an IT training and education company based in Cameroon. It operates at 12 universities and training centers in 6 countries in Africa.

The company's suite of services includes blockchain, distributed ledger technologies advisory services for US based companies ready to expand to Africa, IoT, Big Data, IoS, Data Science, Business Intelligence and Cloud computing.

Prior to forming his own company, Ngueti, a global IT specialist and digital strategist, held various positions such as teacher, Systems Engineer, Content developer, IT Manager, Consultant, Mentor, Policy Designer and IT Trainer. His qualifications in the IT space include CCNA, MCSAx2, CCNP, MCSEx2, MS, MCP, MLSS, MCITP, MCTS, MCT, MCE, and Microsoft Authorized Education Partner.

He has worked on many Education projects with the government of Cameroon and the UNESCO central Africa office. He is also, the Chairman of the International Association of Microsoft Certified Trainers IAMCT in Africa.

Ngueti Armand Gaetan was recently appointed as the first African Lead at Government Blockchain Association (GBA). He believes Blockchain, distributed ledger technology (DLT) and cryptocurrencies will fundamentally transform how the Africa's governments interact with its constituents.



KAREN GERWITZ

CEO and President, World Trade Center Denver

Karen Gerwitz joined the World Trade Center Denver in August 2010. She brings 25 years' experience in international business and communications to the organization. Ms. Gerwitz recently served as Director of Communications for the Colorado Department of Regulatory Agencies and Director of Board

Relations for the State Board of Education. She was also Manager of Communications for Raytheon in Aurora. Her international experience includes Chief of Protocol for the Colorado International Trade Office, where she planned the official visits of the Emperor and Empress of Japan, the G8 Summit, the Western Hemisphere Ministerial Summit, and hundreds of other delegations. Other international experience includes: Information Office for a science institute in Vienna, Austria; Operations Manager for a sawmill in Ghana, West Africa; Business Development Director for Attache International Marketing; and International Marketing Specialist for UNISYS. She earned her Bachelor of Science Degree in International Business and her Masters of Public Administration from the University of Colorado. She lives in North City Park with her husband, Elie, and serves on several community boards.



JOHN HOLM

Vice President of Strategic Initiatives, PYXERA Global

John Holm is the Vice President of Strategic Initiatives at PYXERA Global. Leveraging an entrepreneurial approach in both the private and social sectors, John led the successful market entry and expansion of the Subway Chain in Hungary while also advising Starbucks and IKEA on their respective market entries into Central & Eastern Europe and the Balkans (Serbia, Croatia, and Slovenia). Additionally, John led and managed the Diaspora Investment Alliance – Bangladesh Gives program, a multilateral partnership between USAID, Chevron, and CAF America, focusing on engaging Bangladeshi diaspora and private sector actors while also developing CAF America's multilateral partnership with the SDG Philanthropy Platform, in concert with Rockefeller Philanthropic Advisors, Ford Foundation, Hilton Foundation, MasterCard Foundation, Foundation Center and the UNDP. In his current role, John advises private sector partners on CSR competitiveness, monitoring & evaluation, and shared value implementation, while developing multi-sector partnerships to make significant progress in reducing energy poverty.

John received an MBA with Distinction from Central European University in Budapest and is also a certified Shared Value consultant.



LAWRENCE JONES

Vice President, Edison Electric Institute Inc.

Dr. Lawrence E. Jones is a thought leader and practitioner with over twenty-five years of experience in the energy industry. He joined Edison Electric Institute (EEI) in September 2015 as Vice President, International Programs. Under his leadership, EEI's International Programs has more than 65-member companies with operations in over 90 countries, and has launched several new strategic initiatives including the annual Global Electricity Forum, the Africa Utility Power Sector Exchange, and the Thomas Edison International Utility Executive Fellowship Program. Prior to joining EEI, Dr. Jones was North America Vice President for Utility Innovation & Infrastructure Resilience at Alstom Grid Inc., where he assisted utilities worldwide with formulating strategies for deploying new technology innovated business solutions. While at Alstom, Dr. Jones also served as Vice President, Policy, Regulatory Affairs & Industry Relations for the international full-service electric generation and transmission firm.

In June 2014, he was appointed to serve on the U.S. Department of Commerce's Renewable Energy and Energy Efficiency Advisory Committee, and in 2010 he was appointed by the United States Department of Commerce's National Institute of Standards and Technology Smart Grid Advisory Committee. Dr. Jones serves on the Advisory Boards of several industry associations and academic institutions. He is the Chair of the 21st Century Power Partnerships Public-Private Leadership Forum which is an initiative of the Clean Energy Ministerial. Dr. Jones is also Honorary Industry Fellow at Monash Energy Materials and Systems Institute, Monash University in Australia.

He is frequently invited to speak at industry conferences and academic symposia for diverse audiences across the globe. He has published and been cited in scholarly journals, trade magazines and newspapers, and has also appeared on TV & Radio around the world.

Dr. Jones is the editor of the first and second editions of “Renewable Energy Integration: Practical Management of Variability, Uncertainty and Flexibility in Power Grids.” The book was recently published in Chinese. He has received numerous awards for leadership and contribution in the field of renewable energy technology and renewable energy integration in electricity grids and markets including: 2017 Global Excellence Award in Renewable Energy from the Energy and Environment Foundation of India; the Renewable Energy World Network 2012 Excellence in Renewable Award for Leadership in Technology, and the Utility Variable Generation Integration Group 2012 Achievement Award. In 2000, while at the Royal Institute of Technology, he co-founded the International Workshop on Large-Scale Integration of Wind Power and Transmission Networks for Off Shore Wind Farms. He holds several patents for technologies for enhancing situational awareness of operators in control centers.

Born in Monrovia, Liberia, Dr. Jones received his MSc, Licentiate and Ph.D. degrees in Electrical Engineering from the Royal Institute of Technology in Stockholm, Sweden. He is a Senior Member of the IEEE.



STEVE KATSAROS

CEO and Founder, NOKERO Solar

Steve Katsaros's life has been filled with innovation from a young age. Steve began his career in his late teens with the invention of several commercial products for the ski industry. His first brush with “impact inventing” came in 2002 with RevoPower, a motorized wheel for bicycles. In early 2010, he came up with another bright idea – a simple, portable solar light bulb with the potential to revolutionize life for the 1.4 billion people in the world who live without access to electricity. Five months after his first sketch, Steve launched Nokero and has been on a solar lighting mission ever since.

Steve has a BS in Mechanical Engineering (BSME) from Purdue University, is a patent agent registered with the US Patent and Trademark Office, and was a non-degree seeking student at the Bard Center of Entrepreneurship at the University of Colorado from 1998-1999. He received the B.F. Goodrich Collegiate Inventors Award in 1995 and was awarded the 2012 Outstanding Mechanical Engineer Award from Purdue University.



TIMOTHY P. KEANE

Dean, Anderson College of Business Regis University

Dr. Keane's career has included leadership positions with a Global Fortune 500 firm, as a technology entrepreneur and within academe at three universities. During his 20 years in marketing and sales at Anheuser-Busch, Dr. Keane created innovative target marketing campaigns for high volume markets and created the company's first business analytics department focused on portfolio optimization. He left the company to launch a sales force automation software venture. As a Microsoft Joint Development Partner, the firm created customized supply chain solutions for consumer-packaged goods companies. When the company was bought in 2003, Dr. Keane entered academe full-time. His many accomplishments in higher ed have included being named a Ewing Marion Kauffman Entrepreneurial Scholar and launching seven new research/teaching centers, each focused on solving issues at the nexus of business and society. In June of 2015 Dr. Keane was selected from a national search to become the founding dean of Regis University's new College of Business and Economics. Dr. Keane led the cultivation for the largest gift in Regis University's history for naming rights to the College, relaunching it in April 2018 as the Anderson College of Business.



MEGAN KERINS

Senior Associate, Islands and Electricity Practices, Rocky Mountain Institute

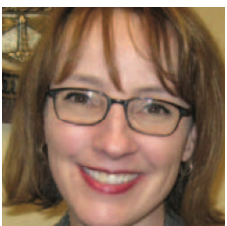
Megan is a Senior Associate, Islands and Electricity Practices at Rocky Mountain Institute. She has worked in an engineering and program management capacity for various Bay Area solar companies, including overseeing a national solar quality assurance program with Sunrun. She has also actively participated in the funding, design, and installation of solar and micro hydropower projects in Thailand, Burma, and Ethiopia. In 2015, Megan started Solar Stewards, LLC, serving as a technical advisor to commercial-scale projects in the US and in Haiti.



BRANDY LELLOU

Owner, Last Mile Solutions

Growing up on a small farm in Colorado, Brandy has an affinity for wide open spaces and natural solutions. As a Civil Engineer, writer and artist, she believes that cross sectoral partnerships are key to developing innovative sustainable solutions to seeming unsurmountable problems. Based in Washington, D.D., Brandy is a Certified Energy Manager, owner of Last Mile Solutions and a partner in DreamAfrica Consulting. She lived and worked in West Africa for seven years as a Peace Corps Volunteer, contractor for the US Embassy, and business owner. Throughout her career she has focused on developing tri-sector leadership; connecting business solutions to public problems with education and awareness implemented through nonprofit and community outreach efforts. Her engineering work focuses on implementation of sustainable technologies that harness the power of nature to provide economic opportunities for rural off-grid areas in Africa. Brandy has spoken extensively on water/energy nexus issues and authored articles on water resource management and a book on sustainable agriculture.



LANNA LENNBERG

Senior International Trade Specialist, US Department of Commerce

Lana Lennberg is a Senior International Trade Specialist with the US Department of Commerce/US Commercial Service (USCS) and has been assigned to the US Export Assistance Center (EAC) in Denver, Colorado since 1998. The EAC combines the efforts of the US Department of Commerce, the Small Business Administration, Export-Import Bank, and other partner organizations to assist exporters in marketing and financing their products and services internationally. The industry sectors Lana covers include oil/gas/energy, environmental technologies, architecture, construction/building products, engineering, services exports, electronics, education and franchise services. She also served as the global Environmental Technologies Team Leader in 2004.

Prior to this appointment, Lana served on active duty in the US Army during Desert Storm and was stationed at Fort Lewis, Washington and Seoul, Korea.

Lana worked in both profit and non-profit organizations and completed an internship through the Colorado International Trade Office under the Office of Governor Roy Romer just before beginning work with the EAC. Ms. Lennberg also has worked in the commercial sections of the US Embassies in both Brussels, Belgium and Lima, Peru.

Lana is originally from Salt Lake City, Utah and has lived and worked in Denver since 1995. She holds a B.S. in Business Management from Metropolitan State College of Denver and an M.S. in International Business from the University of Colorado at Denver.



TAOLO MODISI

Investor/Founder, Alpha Reign

Taolo Modisi is an Investor and the founder of Alpha Reign, a capital markets advisory and investment firm. Prior to founding Alpha Reign, Taolo headed up Debt Capital Markets for Southern & Central Africa in Standard Bank South Africa, which included eleven different countries across Sub-Saharan Africa. Taolo also worked for Investec Bank South Africa as a Senior Consultant in the Africa Finance team covering Sub-Saharan Africa. Taolo has significant experience in Debt Capital Markets, Lending and Investment Banking. She has placed USD billions of issues and advised various Sovereigns, Multinationals, State Owned Entities, Banks, and Corporates. Her transactions have received awards from the likes of EMEA Finance Magazine, The Credit Magazine and The Banker.

Taolo has originated several firsts in various countries in Sub-Saharan Africa. She originated the first commodity-linked note in Africa (ex South Africa), the first issues for government, corporate and commercial paper in several countries across Sub-Saharan Africa.

Taolo's successes in Investment Banking Africa reign from her passion in developing the Capital Markets across the continent.



ROBERT MULVERHILL

Executive Chairman-Board of Directors, Standard Alcohol Company of America

Robert Mulverhill, Executive Chairman Board of Directors of Standard Alcohol Co. of America, Inc. a global leader in alternate, clean energy Gas-to-Liquids (GTL) technologies. He was named Chairman in 2012 bringing more than 30 years of technology, energy industry leadership and executive management experience to his role with the Company. He oversees corporate direction and strategy implementation while advising and supporting the company's CEO and senior leadership on business and policy matters. He serves as President and CEO of Delta Geophysical, LLC and is the Managing Director of Castle Partners, LLC.

In early 2009, Mr. Mulverhill was named President and CEO of International Seismic Co., Inc. Prior to that, he had served as founding President and CEO of Ascend Geo, Inc. was President and CEO of Encynova International, Inc., was President and CEO of TVX, International Inc. and was Managing Director of SATL, Ltd. in Bangkok, Thailand and Beijing, China. He has held a variety of management positions in Business Development, Operations, Marketing/Sales, Program Management, Contracts and Subcontract Management with Honeywell Corporation and the Cobham Group plc, London, England. He is recognized for his diverse knowledge, experience and expertise in international affairs primarily in China and the EU. He is called upon to speak, advise and consult with various corporate and governmental agencies on enterprise structure, market/business strategies, energy development and technology advancement.

Mr. Mulverhill received his Bachelor of Science in Business/Economics from Millikin University with graduate studies at Arizona State University and the American University, Washington DC.



JASON NAGY

Founder, Mainspring Innovation, LLC

Jason Nagy founded Mainspring Innovation, LLC (Member, Posner Center for International Development) in Colorado as an international business and economic development enterprise providing consulting services and innovative programs to

advance infrastructure development, technology transfer, skills development, job creation, economic/social justice, environmental stewardship and sustainability. Jason is also Director, Public Sector Engagement for Africa Finance and Advisory Partners, LLC, a company established to revolutionize how American businesses engage the African Continent. AFAP's approach blends the best from the public and private sectors, which is important given the available monies and strategic partners having both developmental and profit-seeking motives.

Jason led USTDA's Africa office (2008-2014) and served on Ex-Im Bank's sub-Saharan Africa business development, policy and program team. He identified and crafted over \$70mn of USTDA program funding primarily in clean energy, transport and ICT projects. In 2013, he launched the US-Africa Clean Energy Development and Finance Center and supported the launch of President Obama's Power Africa Initiative. He has an MA International Affairs from American University with concentration in international economic policy and international business, and a BA in Journalism and Political Science from Indiana University. Jason is a passionate promoter for innovation, education and collaboration!



LEWIS NCUBE

Founder and CEO, Synergy Ventures International Limited

Lewis earned a Bachelor of Science Degree in Chemical Engineering from the University of Manchester in the United Kingdom and received postgraduate qualifications in the petroleum and energy sectors from IAFE ENI Castel Gandolfo in Rome, Italy and the College of Petroleum and Energy Studies in London, United Kingdom.

After graduating as a Chemical Engineer, Lewis started his working life as a Process Engineer in the Zambia Consolidated Copper Mines Limited; the leading copper mining company in Zambia at the time, then jointly owned by the Zambian Government and Anglo-American Corporation.

Rising to head the Solvent Extraction Unit of the major division of company's operations, he was instrumental in making chess development one of the priority areas of the firm's Corporate Social Responsibility areas under the Community Services Department.

Lewis later joined Agip Zambia Limited, the Zambian subsidiary of the international oil marketing company Agip Petroli; the Refining and Marketing Division of the Italian energy conglomerate, ENI.

Rising from the position of Lubricants Engineer to heading the Marketing and Distribution Department of the Company, Lewis eventually ended up as a Consultant at the company's Head Office.

Lewis has over 25 years' experience in technical, commercial and administrative competence in the petroleum and energy sectors at senior executive level.

After serving out his second four-year term as Vice President of the World Chess Federation (FIDE), Lewis was elected as President of the African Chess Confederation in 2014 at elections held during the General Assembly of the World Chess Federation convened on the sidelines of the 41st World Chess Olympiad hosted in the Norwegian town of Tromsø.

On October 4, 2018 Lewis was re-elected for his second term as President of the African Chess Confederation during the 89th Congress of the World Chess Federation held in Batumi, Georgia.

Lewis currently combines his chess organizing responsibilities with running his own energy consulting firm and is Team Leader of the renewable energy start-up company, Synergy Ventures International Limited.



MELUSILE NDLOVU

Capacity Building Specialist, USAID-funded South Africa Low Emissions Development Program (SALED)

Melusile Ndlovu is a Capacity Building Specialist on the USAID-funded South Africa Low Emissions Development Program (SALED), implemented by Chemonics International. SA-LED

provides Technical Assistance to South African municipalities on climate mitigation project development, and implementation including clean energy projects. Working with Southern African municipalities he is gaining experience in supporting municipalities with sustainable energy transition planning, capacity building and project implementation. He is currently leading the transaction advisory team supporting eThekweni Metro Municipality (Durban) on the development of a PPP conduit hydropower project, solar and energy efficiency projects.

He recently earned his MBA from the Jack Welch Management Institute, at Strayer University in Maryland, USA. He holds an M.Phil. in Environmental Management from the University of Stellenbosch, Stellenbosch, South Africa. He is passionate about clean energy adoption for sustainable development.



DAVID K. OWENS

Retired Executive Vice President, Edison Electric Institute,
President of Da'Vas LLC

David K. Owens is an accomplished executive with extensive experience in public policies surrounding utility operations, strategic planning, technology development, rate making and regulation.

He is recognized as one of the foremost authorities on electric utility issues, industry restructuring and transformation. His experience in the electricity sector includes leading the Edison Electric Institute's (EEI's) efforts over a broad set of issues that affect the future structure of the electric industry, and new rules in evolving competitive markets.

He was responsible over the strategic areas of energy supply and finance, environment, energy delivery, energy services, state regulatory issues, and international affairs. He also spearheaded efforts to enhance the public policy climate for investments in America's electric infrastructure with emphasis on the role of new electrification technologies to address climate change, and to enhance energy efficiency through smart buildings, smart appliances, smart meters, and smart electric grids.

Mr. Owens retired from EEI in June 2017 with four decades of utility experience. He remains an advisor to EEI and serves on the Board of Xcel Energy. He also chairs the Transformation Advisory Council providing insights in the new design of the Puerto Rico electric systems.



HARRY PASTUSZEK

Vice President, Client Engagement, PYXERA Global

Harry Pastuszek is Vice President of Client Engagement for PYXERA Global. He brings 20 years of experience in aiding the private sector to achieve sustainable development objectives.

Mr. Pastuszek managed the global sustainable development department of Bechtel's Mining and Minerals business unit. Prior

to his time at Bechtel, Mr. Pastuszek was a founding member of the International Finance Corporation's Corporate Citizenship Facility, a donor-funded, grant-making arm of IFC that sought to enhance innovation in economic impact through IFC's borrowers. This background is now capped with 6 years of experience as a PYXERA Global executive, developing, designing, implementing, and managing a diverse portfolio of programs to support extractive industry client needs in local content and community development programming.

Mr. Pastuszek has advised international oil companies across Africa in meeting commitments to national content and local economic development – including BakerHughes GE and Tullow in Ghana, CNOOC in Uganda, and Anadarko in Mozambique. He has also led broader, country-wide analysis of energy sector opportunities in Sierra Leone, Equatorial Guinea, Cote d'Ivoire, Guinea, Ghana, and Kenya. He has published extensively on topics related to energy solutions, value chain integration, and economic diversification—with a focus on energy in Africa. Mr. Pastuszek received his Bachelor of Arts in Economics from Wake Forest University and his Juris Doctorate from the George Mason University School of Law.



BRYSON PATTERSON

Regional Trade Finance Specialist, U.S. Small Business Administration

Mr. Gosaye Mengistie Abayneh is the Chief Executive Officer of the Ethiopian Electric Utility. Prior to his current position, he served as a board member of the then Ethiopian Electric Power Corporation, since 2006, and the Ethiopian Electric Power, Ethiopian Electric Utility until August, 2015.



ROCÍO ALICIA PÉREZ

President and CEO, Inventiva

Executive with 20 years of experience in the private and public sectors, Rocío Pérez is the Principal of Inventiva Consulting, LLC. Ms. Pérez is an expert with more than 20 years in developing talent and energizing teams, designing and executing business & marketing strategies. Ms. Pérez helps companies design a strategic and profitable future by saving them time, energy and money while increasing their productivity and profits. She is the former President and CEO, Definitive Marketing, LLC, a multicultural marketing consulting firm.

Ms. Pérez's core competency and experience includes:

- Guiding leaders through change management process
- Coaching leaders and individuals with their professional development needs
- Assessing organizational needs and implementing innovative solutions
- Creating strategic and congruent marketing strategies

Ms. Pérez holds the following degrees: a B.S. in International Business (University of Colorado), a Dual MBA in International Business and Marketing (Regis University), and a Certificate in International Entrepreneurship (University of Colorado).



GREG POULOS

Chief Executive Officer and Principal Atmospheric, ARCVera Renewables

Dr. Poulos is a co-founder of ArcVera Renewables. He joined V-Bar in 2009, became an owner in 2011 and eventually led its global solar and wind energy consulting practice. Previously, he led Clipper Windpower's first wind resource assessment group where he oversaw wind resource analysis for 10,000 MW under development. From 1993 to 2007 he was an entrepreneurial company founder; scientific researcher at Los Alamos National Laboratory; atmospheric modeler, field experimentalist and leader and the National Center for Atmospheric Research. Throughout his career, Dr. Poulos has focused on winds and atmospheric conditions near the surface of the earth and in complex terrain; high-resolution mesoscale modeling; large-eddy simulations; weather forecasting; and atmospheric observations using meteorological towers, sonic anemometers, sodar, 3-D lidar and profiling atmospheric radar. He holds a B.S. in Atmospheric Science from Cornell University, and an M.S. and a Ph.D. in Atmospheric Science from Colorado State University.



LUKA POWANGA

Professor, Regis University

Dr. Luka Powanga is a professor of Economics in the College of Business and Economics at Regis University and the Executive Director of the Global Commerce Forum. He is also the founder of the Energy Africa Conference and former Managing Editor of the Journal of Global Commerce Research, the Journal of Current

Research in Global Business and US correspondent for CargoNews Asia a trade magazine based in Hong Kong.

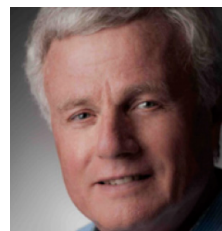
He holds a BSC degree in Metallurgy and Mineral Processing from the University of Zambia, Masters and PhD degrees in Mineral Economics from Colorado School of Mines with a minor in Finance from the Graduate School at Denver University. He also holds a Masters degree in Computer Information Technology and Graduate Level Certificate in Object Oriented Programming from Regis University. His industry and academic experience spans over thirty years at middle and senior management levels. He consults in mining and energy, international business management and healthcare. He worked in the mining and telecommunications industry at middle and senior management level within and outside the United States. He taught at Colorado School of Mines before transitioning to Regis University.



ROBERT QUIST

Chief Investment Officer, Catholic Energies and Faith Energies

Robert has been developing renewable and energy efficiency business for more than a decade, with an emphasis on project finance. He has worked in business development for finance organizations as well as EPCs during his career. He is currently heading up financial modeling and investor outreach for Catholic Energies and Faith Energies, two related organizations with the common mission of boosting sustainability at religious affiliated facilities across the United States. Prior to joining the renewables and efficiency industry, Robert worked internationally as a financial analyst for Chase and JPMorgan's fixed income operations in Hong Kong and Singapore, and as the owner and CEO of a publishing company in Central America. Robert holds a master's degree in Journalism from the University of California at Berkeley and a BA from the University of Southern Colorado. Robert lives in Colorado with his wife, Pallas, and two children, Leo and Morrigan.



DAVID RENNE

President, International Solar Energy Society

Since 1991, Renné developed and managed programs on renewable energy resource assessment and analysis, and the integration of resource data into GIS at the National Renewable Energy Laboratory (NREL). He retired from NREL in 2012 and now holds an Emeritus position there. His consulting firm, Dave

Renne Renewables, provides support to both the public and private sector in planning and developing domestic and international renewable energy programs.

Renne has been President of the International Solar Energy Society since 2010. He continues to serve as an Associate Editor of the Solar Energy Journal in the field of solar resource assessment.

Renné's other current professional activities include a Senior Consultant to Clean Power Research, a small U.S. Company that develops resource assessment and analytical software tools to support large-scale grid connected solar energy systems, and a Consultant to the World Bank's Energy Sector Management Assistance Program's (ESMAP)'s Resource Mapping Project.



WILEY RHODES

Chief Executive Officer, Newpoint Companies

Wiley Rhodes, Founder of One Step In Foundation, a non-profit whose focus is to promote common ground between environmental and energy innovators. Wiley is proficient in project development, market strategy and sales with a strong interest in preserving our environment for future generations and conserving our natural resources. Wiley is also the CEO of Newpoint Companies, founded in 1999. Newpoint designs and manufactures a full range of modular gas processing and treating units. Wiley has insured the success of Newpoint with an emphasis on Standard Module Engineering and new process innovations. He has a wide range of international experience as well as over 30 years of experience in the oil and gas industry.



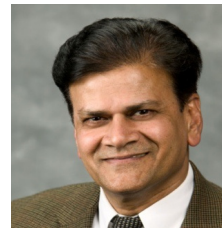
LAMINE SAVADOGO

President, Marison Energy Services

Mr. Lamine Savadogo has dedicated his entire professional career to developing ties between Africa, his continent of origin, and the United States his adopted home. Mr. Lamine Savadogo glides seamlessly between the cultures of his dual world, drawing on skills, knowledge and experience garnered throughout a career that encompasses positions in government, academia and business. He is the President and Founder of Marison Energy Systems Corporation, a Massachusetts-based international business development firm specialized in US-Africa trade and investment. Since its inception, the firm has established an impressive record of achievements and has a roster of past and current clients ranging from small firms to Fortune 100 companies, as well as Federal Government Agencies, Multilateral institutions and African Government entities.

Prior to founding Marison International, he worked for the Massachusetts Port Authority as Manager of International Trade Promotion Services for Europe of Africa. In that capacity, he assisted hundreds of New England companies in developing international markets for their products and services. In recognition of his effectiveness, the Governor of the Commonwealth of Massachusetts awarded him a citation for "Outstanding Performance" in 1990. With a keen interest in issues related to cross cultural interactions and the conduct of business transactions across national boundaries, he has taught African Languages at both Boston and Harvard Universities. He is a regular speaker at international business seminars and authored articles published in several magazines. In 1993, World Trade Magazine inducted him in the World Trade Hall of Fame as "One of 11 Americans changing the way the World does business".

Mr. Savadogo has served on the boards of several institutions, including three terms as a member of the Sub Saharan Advisory Committee of the Export Import Bank, a body mandated by the US Congress to provide guidance to the bank in developing its lending activities in Africa. In 2001, Mr. Savadogo was elevated to the rank of Chevalier de l'Ordre National du Mali, by the President of the Republic of his native Mali (Knighthood). Mr. Savadogo is also a Global Ambassador for the Edison Electric Institute. He is a native of Mali and a graduate of the University of Massachusetts. He is fluent in Bambara, French, English, and Portuguese, with a working knowledge of German.



SURESH SHARMA

Entrepreneur-In-Residence, Center for Distributed Energy, Georgia Tech, Atlanta

Mr. Suresh Sharma recently co-founded Open Range Capital Partners (ORCP) and is its Managing Partner. ORCP is in the business of "industrializing innovation". We not only invest into pre-vetted digital startups but also into selected accelerators (i.e., into facilities and platforms that pre-vet and de-risk the startups for accelerated growth). It is like farming innovation.

A former GE executive, Suresh exemplifies a combination of business leadership, technology insights, and innovative entrepreneurial experiences. He did four startups himself—an executive-turned-entrepreneur. Earlier, since 2015, he is also a partner in a PE & M&A financial advisory firm (Arcis Capital).

Suresh is a published author. He is well-known for two business books: the latest being—"The 3rd American Dream" (2014)—focused on innovation and entrepreneurship, and an earlier "Global Outsourcing" (2005). Currently, he is co-authoring "Industrializing Innovation—The Next Revolution"—a business book by 'Springer Nature' to come out in early 2019.

Further, among other things, Suresh actively helps transform existing US university & smart city ecosystems into futuristic innovation hubs. He is an expert resource on state-of-the-art 'innovation ecosystems' and has been advising organizations in this regard globally. Suresh holds a few graduate-level degrees in engineering and business management from India, UK and USA. He currently lives in Atlanta GA, USA.



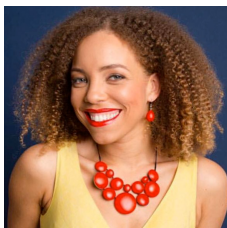
ROBERT STONER

Deputy Director of the MIT Energy Initiative/Executive Director of the MIT-Tsinghua-Cambridge Low Carbon Energy University Alliance, Massachusetts Institute of Technology, Cambridge MA

After earning his Ph.D. in condensed matter physics at Brown University in 1992, Dr. Stoner joined the Microprocessor Development Group at Intel Corporation. In 1995, he formed

Cooper Mountain Corporation, which developed the first commercial instruments to incorporate ultrafast pulsed lasers. These instruments, based on the picosecond ultrasonic method which he co-invented, are now extensively used to characterize computer chips during production. He subsequently founded Vinestone Corporation, a UK-based peer-to-peer database and workflow software developer. Dr. Stoner later held a number of senior executive positions and served as Chairman of the Technical Advisory Board at Zygo Corporation, a developer of precision optical systems and instruments for the global consumer electronics, aerospace and semiconductor industries.

Dr. Stoner received a Bachelor of Science degree in Engineering Physics from Queen's University, Canada. He was a National Science and Engineering Research Council of Canada Scholar, and holds US patents in the fields of semiconductor devices, optical measurement and imaging systems, optical devices, network computing, and acoustics. His current technical interests include high resolution imaging techniques, distributed computing, and energy distribution and storage technology and policy for developing countries.

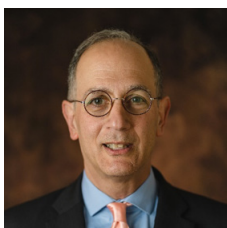


MADIE STURGES

Project Manager, Earth Spark International

Sadie first joined the EarthSpark team in Les Anglais, as Communications Associate. She has since become EarthSpark's Project Manager, coordinating operations while building tools, template, and best practices for microgrid development. She has

a B.A. in History and International Relations from the University of Queensland, where she nurtured her passion for sustainable and enterprising development in Haiti. After graduating, she moved on to build a team from the ground up as State Manager for a media startup in Australia. Madie is based in Washington DC.



JERRY TINIANOW

Chief Sustainability Officer, City and County of Denver

As Denver's first Chief Sustainability Officer Jerry Tinianow works to ensure that critical natural and human resources are available and affordable to everyone in Denver, now and tomorrow. His office coordinates achievement of the City's ambitious 2020

Sustainability Goals. He is also one of two Americans on the 21-member Global Executive Committee of the international organization ICLEI Local Governments for Sustainability.

Jerry previously served as a national officer of both the Sierra Club and the National Audubon Society, and directed the Center for Energy and Environment at the Mid-Ohio Regional Planning Commission. The Sierra Club designated him a national "Environmental Hero" during its centennial celebration. Prior to his sustainability career Jerry was a partner and commercial trial attorney with two of Ohio's largest law firms.

Jerry received his undergraduate and law degrees from George Washington University. At GW he was elected to Phi Beta Kappa, represented the university as a state finalist in the Rhodes Scholarship competition, and served on the law review. He was recently named as the 2018 winner of the Wirth Chair Sustainability Award given by the University of Colorado.



RAVI VORA

Advisor-International Programs, Renewable Energy Grid, National Renewable Energy Laboratory-NREL

Ravi R. Vora is an experienced international energy executive with focus on clean energy. He has a successful track record in renewable energy (Solar, Wind, and Biomass), power generation, international electric utility, oil/gas industries (upstream,

mid-stream, LNG, refining, petrochemicals) and commercialization of disruptive clean technologies including energy storage. His career in the international energy spans from first of a kind global commercialization of synthetic lubricants for a major oil company to marketing, trading of clean fuels, natural gas liquids, natural gas as well as electricity covering both the physical and financial transactions.

He has comprehensive knowledge and relationships related to clean energy economy in North America (including Mexico), Southern Africa, South Asia and Middle East. He has led successful business models in clean energy both in private sector (Creation of a multi-billion dollar Suzlon-global leader in wind energy) to public sector (Advising Eskom on RE when South Africa's RE IPP attracted over \$17 Billion investment in less than five years and on creating a clean fuels /natural gas strategies and regulations). Leads and facilitates international energy conferences in workshops in USA, South Africa and India. He possesses in-depth experience and a proven track record in all phases of development, organization, financing and monetization (A to Z) of full life cycle based clean energy business ventures. He has a strong network of relationships with key stakeholders in the global clean energy markets especially in emerging economies. He has BS and MS in Chemical Engineering and Masters in International Management from USA and lives in Arvada Colorado.

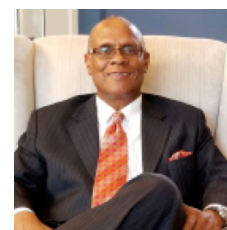


ANDY WALKER

Senior Research Fellow, National Renewable Energy Laboratories

Andy Walker is a Senior Research Fellow at the National Renewable Energy Laboratory, where he conducts engineering and economic analysis of energy efficiency and renewable energy projects for Federal agencies such as national parks and

military bases and also for commercial and industrial clients. He has lead photovoltaics training and certification efforts in Ghana and Tanzania and has experience with off-grid PV/battery/generator installations for applications such as cell phone sites. His patent on the Renewable Energy Optimization (REO) method of planning renewable energy projects across a portfolio of properties based on economic value was awarded the Thomas A. Edison Patent Award in 2015 based on innovation and impact. He has taught at the University of Colorado at Boulder, Colorado School of Mines, and at Metropolitan State University of Denver. He has led the Solar Energy Division of the American Society of Mechanical Engineers and is an ASME Fellow. Dr. Walker is the author of over 28 book chapters, journal articles, and conference papers including "Solar Energy: Technologies and Project Delivery for Buildings," a reference book published by John Wiley and Sons; and "Sustainable Energy Technologies," by CRC Press. Dr. Walker's credentials include a B.S., M.S., and Ph.D. in Mechanical Engineering from Colorado State University, and he is a registered Professional Engineer in the State of Colorado.



TERRY WILLIAMS

Managing Partner, JCE Capital Management

CE Capital Management, L.P. operates globally as a privately held hedge fund and advisory company. Their investment firm has specialized knowledge in Blockchain Technology, Cryptocurrencies, Machine Learning and Artificial Intelligence.

The company offers alternative asset advisory services, capital market investments through its access to global capital market exchanges in the USA, Asia/Pacific, Europe and the Middle East.

JCE Capital Management, LP clients include qualified investors, hedge funds, family offices, sovereign wealth Funds, and institutional investors. JCE Capital Management, L.P. serves accredited investors worldwide.

As a Social Sector Leader, Mr Williams has extensive executive level experience in 1) Investment Management 2) Information Technologies 3) Global Trade and Development, and 4) Structured Finance Transactions. His current responsibilities as the Managing Partner, include registering the global hedge fund in the United States Latin America, Cayman Islands, Europe, Switzerland, Asia, Pacific, Hong Kong, Middle East, Africa and Dubai.



DEIRDRE WHITE

Chief Executive Officer, PYXERA Global

Deirdre White is a globally recognized leader in building tri-sector partnerships to address the world's most pressing challenges. As CEO of PYXERA Global, she has led the transformation of the organization to one that maximizes impact through strong and strategic partnerships. Deirdre's expertise spans private, public and social sector experiences. Prior to joining PYXERA Global in 2002, Deirdre was a Senior Manager in the Public Sector Practice at Arthur D. Little, Inc., leading projects focused on strategy and organization for the US Agency for International Development, the US Trade and Development Agency, and the European Bank for Reconstruction and Development, along with a number of government agencies across Eurasia. She also served as an organizational development advisor to several of the Eurasian oil and gas sector's largest firms.

Widely cited for her thought leadership, Deirdre has been quoted in The Wall Street Journal, Bloomberg, Forbes, Fast Company, The Huffington Post, and The New York Times; she has contributed to MarketWatch, the Council on Foreign Relations Development Channel, and Stanford Social Innovation Review. Deirdre is a member of the MIT Ideas Global Challenge Advisory Board and the Bretton Woods Committee, and is an alumna of the Aspen Institute's Socrates Program. She continues to be recognized for her impact in the field and CR Magazine lauded her as a CR Superstar in 2014.

Deirdre drives the discussion of new strategies for global engagement and has been a featured speaker at the Shared Value Leadership Summit, Wharton Africa Business Forum, Wall Street Journal's CFO Network, and US Department of Commerce's Discover Global Markets. She has served for multiple years as regional judge for the HULT Prize, a competition dedicated to launching the world's next wave of social entrepreneurs. Previously, Deirdre was co-facilitator of the Clinton Global Initiative's Employee Engagement Action Network. She also participated in Rockefeller Foundation's renowned Bellagio Initiative and the Johnson Foundation at Wingspread's Leadership Forum for Global Citizen Diplomacy.



COLONEL CHRIS WYATT

Director of African Studies, United States Army War College

Colonel Chris Wyatt is Director of African Studies at the United States Army War College. He received his commission as a Military Intelligence Officer from Ohio University in 1989. He is a graduate of the Military Intelligence Officer Basic and Advanced Courses, the Counterintelligence course, the Signals Intelligence course, Combined Arms Services and Staff School, Air Assault School, Command and General Staff College, and the United States Army War College.

Prior to his arrival at Carlisle Barracks, he was assigned to the U.S. Mission to the African Union in Addis Ababa, Ethiopia, where he was the Senior Military Advisor to the mission and the U.S. Africa Command Liaison Officer to the African Union. Previous assignments include service as Assistant S2 and Battalion S2 3rd Battalion, 8th Cavalry, Gelnhausen, Germany; Brigade S2, 4th Brigade, 1st Armored Division, Hanau, Germany; Assistant Professor of Military Science, Iowa State University, Ames, Iowa; Counterintelligence Coordinating Authority, Task Force Eagle, Tuzla, Bosnia-Herzegovina; Commander, Vicenza Military Intelligence Detachment, Vicenza, Italy; Foreign Area Officer U.S. Defense Attaché Office in Tunis, Tunisia; Cryptologic Liaison Officer, National Security Agency; Executive Officer for the CMM Strategic Partners Initiative, NSA; Chief-of-Staff for Cryptologic Mission Management (CMM), NSA; Senior Africa Analyst, Defense Intelligence Agency; Southern and Central Africa Branch Chief, Africa Division, DIA; Deputy Chief, Africa Division, DIA; Chief, U.S. Office of Security Cooperation, Monrovia, Liberia; Chief, U.S. Office of Security Cooperation, Gaborone, Botswana; Deputy Division Chief and Branch Chief South / International Military Engagement Division, J-5, US Africa Command, Stuttgart, Germany; Chief, Office of Security Cooperation Niger, Niamey, Niger; Chief, Office of Security Cooperation Mauritania, Nouakchott, Mauritania; Senior Africa Foreign Area Officer, J-5, US Africa Command and Chief, Office of Security Cooperation Uganda, Kampala, Uganda.

Colonel Wyatt holds a Master of Science in International Relations from Troy University and a Master of Strategic Studies from the U.S. Army War College. His awards and decorations include the Defense Meritorious Service Medal (5OLC), Meritorious Service Medal (1OLC), Joint Service Commendation Medal, Army Commendation Medal (7 OLC), Joint Service Achievement Medal, Army Achievement Medal (3OLC), Good Conduct Medal, National Defense Service Medal (2), Armed Forces Expeditionary Medal, Southwest Asia Service Medal (3 stars), Kosovo Campaign Medal, Global War on Terrorism Expeditionary Medal, Global War on Terrorism Service Medal, Armed Forces Service Medal, Army Service Medal, Overseas Ribbon (10), NATO Medal (Bosnia), Saudi Arabian Kuwait Liberation Medal and Kuwaiti Liberation Medal and the Air Assault Badge; Joint Meritorious Unit Award (3 - NSA, DIA, AFRICOM), Valorous Unit Award.

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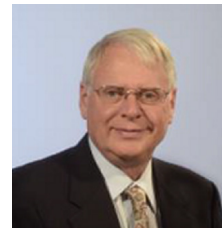
Served as co-vice conference chairman, Conference Chairman and program committee member from 2011-Present



RAVI MALHOTRA

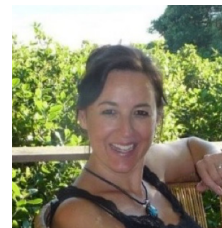
Founder and President, ICAST (International Center for Appropriate and Sustainable Technology)

Served on the Organizing Committee from 2011 to 2016



MICHAEL ALLENDER

Served on the organizing and Logistics Committee from 2011 to present.



CAROL TAPPENDEN

Business Development and Fundraising Consultant

Oversaw the conference web site from 2012-2017 and served on the marketing committee over the same period.

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