

PROGRAM 2016

.....
OCTOBER 25TH-27TH, 2016
.....

10-YEAR ANNIVERSARY
.....



Meeting
of the
Minds

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#motm2016



ONLINE AGENDA AND SCHEDULE:

Cityminded.org/agenda



**PLEASE FILL OUT OUR ONLINE SURVEY FOR THIS
YEAR'S SUMMIT:**

Cityminded.org/motm2016-survey

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WELCOME TO MEETING OF THE MINDS 2016!

Dear Meeting of the Minds 2016
Participants—

Cities are among humanity's greatest creations. Since Meeting of the Minds first launched its annual summit 10 years ago, more than 1 billion people have moved to cities, making our work more important now than ever before.

Re-thinking cities is a tall order. New frames for our discussions will help clarify some of the really big choices we face.

Reframing means putting aside the neat, old categories that tend to divide us. Over the next two days, we will focus on how we approach redesigning and remaking cities. We care deeply about the “what” and most importantly, the “how”—and you'll see this reflected in the program you hold in your hands.

We invited you because you're the kind of leader who is ready to meet someone outside of your specialized domain of concern. You're the kind of leader who is ready to connect with executives who see the web of urban interdependencies: transport, energy, water, food systems, citizen engagement, emerging technology, open city data, resilient infrastructure, etc.

At Meeting of the Minds, none of us are confined by our sector or any single specific discipline. We have purposely gathered 400 leaders from 20+ countries and 160+ cities to provide you with the opportunity to sit next to someone working to reframe problems and rethink solutions. We are interested in creating the perfect environment for spontaneous interconnections that lead to something great. We've seen it happen here many times over the past decade.

This is a time to challenge our own assumptions, break through barriers, identify real solutions and bring home new tools. The past 10 years have been extraordinarily informative. Let's make the next 10 years about effective action, visionary partnership, and long-term collaboration.

Best,

JESSIE F. HAHN

Executive Director

GORDON FELLER

Co-Founder and Board Co-President

DAVE HAHN

Communications Director



ABOUT MEETING OF THE MINDS



Meeting of the Minds brings together urban sustainability and technology leaders to share knowledge and build lasting alliances. We foster person-to-person and city-to-city learning by spotlighting projects and practitioners working on urban solutions in these 8 focus areas:

- **Environment**
- **Infrastructure**
- **Mobility**
- **Technology**
- **Resources**
- **Society**
- **Economy**
- **Governance**

We connect people and ideas through digital and in-person events and resources throughout the year, including:

- **Our annual summit**
- **Roundtable discussions**
- **Meet-ups**
- **Print magazine**
- **Our blog—CityMinded.org**
- **Webinars**
- **Online courses**
- **Event archives**

HOTEL, VENUE & TRANSPORTATION

HOTEL

HOTEL SHATTUCK PLAZA

2086 Allston Way
Berkeley, CA 94704
www.HotelShattuckPlaza.com

CONFERENCE VENUE

CRANEWAY PAVILION

1414 Harbor Way South
Richmond, CA 94804
www.Craneway.com

TRANSPORTATION

BAY AREA RAPID TRANSIT (BART) TRAIN:

We encourage delegates to take our regional rail system, BART (www.BART.gov), whenever possible. BART services both the San Francisco International Airport and Oakland Airports.

BART TO HOTEL SHATTUCK PLAZA:

Hotel Shattuck Plaza is less than half a block from the BART station. Exit at the Downtown Berkeley BART station. The cross street is Shattuck Avenue. Find BART schedules at www.BART.gov.

BART TO THE CONFERENCE VENUE:

The name of your destination is "Richmond" where you will disembark. Richmond BART station is 2.2 miles from the Craneway Pavilion so you will need to order a Lyft or Uber once you arrive at the BART station.

FREE SHUTTLES TO AND FROM THE HOTEL AND CONFERENCE VENUE

Meeting of the Minds provides a complimentary shuttle service between Hotel Shattuck Plaza and the Craneway Pavilion during these times only:

October 26th: 7:00AM–9:00AM & 5:00PM–7:30PM

October 27th: 7:00AM–9:00AM & 5:00PM–7:30PM

Shuttles are serviced by Chariot (look for their logo on the side of the vans) and will pull up to the white curb at the front of the hotel entrance on Allston Way.

DRIVING TO THE CRANEWAY PAVILION:

Hotel Shattuck Plaza and the Craneway Pavilion are approximately a 25-minute drive apart depending on traffic. Be aware that traffic is normally heavy during rush hour between Berkeley and Richmond.

PARKING AT THE CRANEWAY PAVILION

Meeting of the Minds guests will be directed to park in one of two lots at the Craneway Pavilion. The first lot is the West Lot, which is closest to the main entrance. Once the West Lot is full, parking will overflow to the North Lot, which is the first lot on Harbor Way South as you approach the Craneway Pavilion. Look for event signage as well as parking attendants who will direct you. There is plenty of parking for those who want to drive.

AC TRANSIT BUS

AC Transit Bus #74 pulls up right in front of the Craneway Pavilion. Schedules and maps are available: www.actransit.org.

MAP



AGENDA

OCTOBER 25TH

5:30 PM–7:30 PM

MEETING OF THE MINDS 2016 OPENING RECEPTION

Location: FIVE Restaurant & Bar, Hotel Shattuck Plaza, Berkeley, CA

Join us for drinks and bar bites at FIVE Restaurant and Bar in Downtown Berkeley as we kick off Meeting of the Minds 2016.

- *Sponsored by Noll + Tam*
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OCTOBER 26TH

7:30 AM–8:30 AM

NETWORKING BREAKFAST

The Craneway Pavilion

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8:30 AM

WELCOME

- **Gordon Feller**, *Co-founder*, Meeting of the Minds & *Consultant*, Cisco Systems HQ
-

8:40 AM

CIVIC INNOVATION AND TECH FOR URBAN FISCAL HEALTH, TRANSPARENCY AND ACCOUNTABILITY

New software and smart design can be altogether transformational for archaic policy systems and the day-to-day experience of interacting with government. This session will dive into how new, agile software development is enabling the way government does procurement, improves the user (citizen and non-citizen) experience, and increases transparency, efficiency, and accountability. This session will touch on technology innovations at the federal and local level regarding immigration services, healthcare, voting and the fiscal health of cities—all core functions that make cities equitable, sustainable and livable.

Moderator: *Adam Hecktman*, *Director of Technology and Civic Innovation*, Microsoft (Chicago)

- **Lourdes German**, *Director, International & Institute-wide Initiatives*, Lincoln Institute of Land Policy & *Director*, The Civic Innovation Project

- **Dana Chisnell**, *Co-founder*, Center for Civic Design & *Consultant*, United States Digital Service, The White House
-

9:10 AM

CITIES, INTERACTIVE DESIGN AND PUBLIC SPACE

Future Cities Lab is focused on designing, building and crafting artistic and immersive experiences in cities that respond to the data flows, sounds and visceral sense of the city. Their projects look at the digital craft—a new form of craftsmanship that still requires a human to be at its helm. Nataly's work lights up rail underpasses, connects neighborhoods, and challenges the notion and definitions of parks and engaging public spaces. What can we learn from this approach as we think about rebuilding and revitalizing urban spaces of all kinds?

- **Nataly Gattegno**, *Co-founder and Managing Design Partner*, Future Cities Lab
-

9:30 AM

PARKS AS THE ACCELERATORS OF CITY REVIVAL

Urban parks are an affordable way to revitalize cities while providing proven positive health and economic benefits to residents. In the last two decades, urban parks have gone through a renaissance. Philanthropy, creative financing sources, public demand, community action and adaptive reuse projects have brought about a new era of urban parks. What challenges still exist? How do we ensure every urban resident

has a park within a ten minute walk? How do we enable underserved communities to design, build and maintain parks?

Moderator: Melanie Nutter, *Principal*, Nutter Consulting LLC

- **Will Rogers**, *President and CEO*, The Trust for Public Land
- **Sabina Saragoussi**, *Director, Partnerships For Parks*, City Parks Foundation
- **Keith A. Anderson**, *Director*, DC Department of Parks and Recreation

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10:00 AM

COFFEE BREAK

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10:30 AM

V-TO-X: LINKING VEHICLES TO INFRASTRUCTURE AND LEVERAGING SMART CITY DATA

Connected devices and cloud-based software solutions are rapidly disrupting and changing the landscape of transportation. New V-to-V, V-to-X, and V-to-D capabilities are altering how we can match supply to dynamic demand, combine multiple service models and make moving around the region smarter, more convenient, and altogether a different experience. What is in store for us as we move towards a more seamless, less congested and altogether altered transportation future? Hear from some of the foremost global innovators in this space.

Moderator: Boris Karsch, *Vice President, Strategy*, Cubic Transportation Systems

- **Satoshi Nakajima**, *Founder & Chief Scientist*, UIEvolution Inc.
- **Aarjav Trivedi**, *Founder & CEO*, RideCell

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11:00 AM

THE BIG SHIFT: RETHINKING CITIES IN AN AGE OF INTELLIGENT MACHINES

As Toyota Research Institute's CTO looks around corners, Dr. Kuffner and his \$1B+ organization are busy building intelligent machines of the future. What does the world's largest automaker

see in the road ahead? How fast and how far are we now traveling? What's the urban mobility future? As ridesharing evolves, and emerging tech creates new space for innovation, can we speed up the transition to a more sustainable city? Considering the massive allocations of scarce urban land to parking, when and where can cities make their move into the new world of safer and cleaner mobility?

- **Dr. James Kuffner**, *Chief Technology Officer*, Toyota Research Institute

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11:25 AM

EMPOWERING COMMUNITIES TO ACT: LESSONS FROM CALIFORNIA'S LEADERSHIP ON CLIMATE, ENERGY, ENVIRONMENT

This election is a critical moment for climate change and environmental justice. The change in the White House will be a dramatic shift, but voters in their local communities have space to take action. Voter registration is one step on the road, and this talk will describe how big the stakes are for citizens and for leaders, how leaders can show the way, whether elected or appointed, and how they partner with both private companies and the independent sector to make positive things happen.

- **Tom Steyer**, *Founder and President*, NextGen Climate

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11:45 AM

URBAN SUSTAINABLE FOOD SYSTEMS, YOUTH AND EMPLOYMENT

Urban youth employment and sustainable food systems—can we unite these sectors to make cities more equitable, livable and sustainable? The Town Kitchen has developed a hybrid for-profit/non-profit model to tackle this head on. Discover more about the meals you're eating at Meeting of the Minds and how you're supporting a local, sustainable economy in the process.

- **Sabrina Mutukisna**, *Founder & CEO*, The Town Kitchen

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12:00 PM

NETWORKING LUNCH (WITH THEMED TABLES)

• *Sponsored by Kaiser Permanente*

Choose a theme that resonates with you and meet a small group of like-minded leaders focused on the same issue area. Choose from 30 themes, one at each table.

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1:00 PM – 5:00 PM

WORKSHOPS & WORKSHOP TOURS

There are two options for afternoon workshops. Delegates must choose one.

- **Option 1:** Workshop Tours depart the Craneway by bus or by foot from 1-5pm. They all end at the Craneway Pavilion.
- **Option 2:** Onsite workshops at the Craneway Pavilion, broken into two sessions from 1-2:45pm and 3:15-5pm.

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WORKSHOP TOURS

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WORKSHOP TOUR #1

Point Molate - Envisioning a New Sustainable Waterfront Community

The Point Molate Peninsula in Richmond consists of 425+ undeveloped acres on the waterfront. It is the last remaining uninhabited shoreline property of this size on the San Francisco Bay. A portion of the site is the former historic location of the capital of the wine industry and at one time housed more than 400 employees of Winehaven Institute. The historic brick buildings and employee housing still remain. The site has numerous challenges: road access, remaining contamination, industrial and crumbling infrastructure, etc. The site has incredible views, historic buildings, natural features, open space, parks, and more. Richmond’s Mayor’s Office and Planning Department have developed a vision for the area. The future of the site is up in the air: the City is asking for international expertise from Meeting of the Minds leaders to think through next steps. Those who join this workshop will tour the site for 1.5 hours with the

Mayor and Planning Director and then sit down for a workshop to think through a redevelopment strategy and design for what could be an outstanding sustainable waterfront community.

Workshop Tour Leaders:

- **Tom Butt**, Mayor, City of Richmond
- **Richard H. Mitchell**, Director of Planning and Building, City of Richmond
- **Gordon Feller**, Co-founder, Meeting of the Minds & Consultant, Cisco Systems HQ

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WORKSHOP TOUR #2

Healthy Communities - Blazing New Paths in Urban Parks, Greenways and Trails (Walking Tour)

The City of Richmond has a long industrial history, making access to nature difficult. The National Park Service and several neighborhood and community organizations, including Urban Tilth, are building a network of urban parks, new access points to nature, and greenways in the city of Richmond. The Richmond Wellness Trail is a new interactive, nature trail which has the potential to connect nearby amenities such as the Kaiser Medical Facility, Richmond BART/AMTRAK Station, Center for Performing Arts and Downtown Richmond to the Richmond Greenway, several schools, the Rosie the Riveter/World War II Home Front National Historical Park, and ultimately the San Francisco Bay Trail and future Richmond Ferry service. Since last year’s Meeting of the Minds workshop tour visited the Richmond Greenway, new progress has been made on this 3 mile path being rebuilt and redesigned for and by the community. Lastly, new green spaces and projects are connecting to the Greenway, providing nature and community linkages that are unprecedented. This workshop tour will take delegates along the Wellness Trail to the Greenway and hear from the innovators on how these projects are coming being planned, designed, funded, and implemented. Please be prepared to walk a total of 5 miles. Bring your comfortable walking shoes, hat, sunscreen and a small backpack to carry water.

Workshop Tour Leaders:

- **Doria Robinson**, *Executive Director*, Urban Tilth
- **Kieron Slaughter**, *Urban Fellow*, National Park Service
- **Alejandra Chiesa**, *Bay Area Program Director*, The Trust for Public Land

WORKSHOP TOUR #3

Breaking the Cycle of Blight and Creating Opportunities for Home Ownership

Current laws and policies inhibit the ability for cities to take quick action on abandoned and blighted properties. As it stands, properties need to be tax delinquent for five years before they can be acquired with clear title through a tax sale. Many properties need to be probated in order to be acquired and the process is challenging with few incentives for cities to turn around their housing stock. Moreover, current policies promote rental housing instead of low to moderate income home ownership. But new tools allow us to know immediately where these properties are located. The City of Richmond and the Richmond Community Foundation are radically altering these archaic laws and structures by passing and selling a social impact bond to finance the acquisition and rehab of these properties. Together, they have developed nationally recognized new strategies which include working with the County Tax Collector, Probate Judge, Home Depot, and philanthropy. The City of Richmond and the Richmond Community Foundation have successfully rehabilitated a handful of properties and created low to moderate income home ownership opportunities in Richmond. Join us as we visit blighted properties and rehabilitated homes to discuss how this new approach can be scaled, replicated and transferred across the country.

Workshop Tour Leaders:

- **Jim Becker**, *President & CEO*, Richmond Community Foundation
- **Tim Higare**s, *Director of Infrastructure, Maintenance & Operations*, City of Richmond
- **John Knox**, *Partner*, Orrick, Herrington, & Sutcliffe LLP

- **Russell V. Watts**, *Treasurer & Tax Collector*, Contra Costa County

WORKSHOPS

WORKSHOP #1

The Smart City - Nexus of Water, Energy and Technology

Location: Main Pavilion plenary area

The recent water crisis in Flint reminds us that state-of-the-art energy and water management are fundamental for city sustainability, resilience and basic human rights. More and more, upgrading old infrastructure and revamping historic assets through smart city investments, smart meters, microgrids, building energy management systems, intelligent water networks, and information and communication technologies that improve drought and flood resilience are feasible. Some utilities have years of experience gathering, managing and acting upon data to improve resilience and conservation goals, while advancing the state of the art in smart technology and customer engagement. If city leaders leverage the experience of first-mover utilities, and act as the convergence point between utility and other city systems, then smart, resilient and sustainable city programs can work. This workshop will focus on identifying the challenges for three stakeholders in the urban ecosystem: user/customer, utility, and city agency. Water and energy will be discussed through the lens of these stakeholder groups. What challenges still exist? What new policies, strategies and technologies are enabling those barriers to be broken down?

Workshop Leader: Steph Stoppenhagen, *Business Development Manager for Smart Cities, Smart Integrated Infrastructure*, Black & Veatch

Lightning Talks by:

- **Scott Stallard**, *Vice President, Smart Integrated Infrastructure*, Black & Veatch
- **Russ Vanos**, *Vice President, Sales and Marketing, Global Software, Services and Smart Cities*, Itron

WORKSHOP #2

Leveraging a Global Network to Sustain Impact: Meeting of the Minds Over the Next 10 Years

Location: Annex

Over the last 10 years, Meeting of the Minds has grown into a 22,000-person network across 50+ countries. As we head into our second decade, how could we engage our network if we thought more like a social movement? What roles do individuals and organizations play in the network? Movements often seem magical and spontaneous, but underneath, they have core elements that make them successful. Please join this workshop for a unique opportunity to explore the pillars of building movements and how that could drive engagement across our 22,000-person network. This workshop will be led by Context Partners, a community centered design firm with offices in Portland, DC, and Europe.

Workshop Leader: Garrett Brennan, Director of Network Cultivation, Context Partners

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WORKSHOP #3

Expanding Financing Strategies for Healthy Communities

Location: Annex

The workshop will serve as a deep-dive brainstorm and discussion focused on how healthy communities—sustainable mixed-use projects including urban parks and green spaces—are being financed and what untapped creative financing mechanisms are available to fund, build, design, and maintain them. The workshop will focus on how urban leaders—particularly real estate developers, community development organizations, designers, and urban parks practitioners—can develop mutually beneficial financing strategies and collaboration models.

Workshop Leader: Sharon Z. Roerty, Senior Program Officer, Robert Wood Johnson Foundation

Lightning Talks by:

- **Ed Foster-Simeon, President & CEO, U.S. Soccer Foundation**

- **Stephen Burrington, Executive Director, Groundwork USA**

- **Mary Creasman, CA Director of Government Affairs, The Trust for Public Land**
-

WORKSHOP #4

Getting Ahead of Autonomous Vehicles: Carbon, Congestion, Energy and Policy

Location: Annex

Autonomous vehicles are coming yet there are vastly different projections regarding the energy and carbon impacts. Some projections show 90% energy savings while others project 200% increase in energy consumption. It all depends on the policy frameworks set up now. Should all autonomous vehicles be electric? How will autonomous vehicles interact with the grid and how will they change the scaling of renewables? Should they be shared? Should we implement AV speed limits? These are just some of the questions that have yet to be answered. Join us as we dive into a lively discussion and workshop to start to build a policy framework across sectors.

Workshop Leader: Amanda Eaken, Director of Transportation and Climate, Urban Solutions Program, Natural Resources Defense Council

Lightning Talks by:

- **Spencer Reeder, Senior Program Officer, Climate & Energy, Vulcan**
 - **Laura Schewel, CEO, Streetlight Data**
-

WORKSHOP #5

Public-Private Partnerships Delivering Affordable, Ubiquitous Broadband for All

Location: Annex

City administrations on all continents are grappling with a common problem: how best to work with the owners of networks (wired and wireless) to deliver affordable, ubiquitous broadband for all their residents—not just for the elite. High-speed connectivity is a key driver and enabler for equitable urban economic development, education and health. Complex relationships with utilities, telecoms and other private investors have made it hard to achieve

equal-access-for-all goals and the question of ROI is always top of mind. This workshop will focus on several cities which developed successful public-private partnership models to overcome barriers to implementing high-speed broadband.

Workshop Leader: **Britt Harter**, *Director, Sustainability and Cities of the Future*, PwC

Lightning Talks by:

- **Joshua Breitbart**, *Special Advisor for Broadband*, Office of the Mayor, New York City
- **Shireen Santosham**, *Chief Innovation Officer*, Officer of Mayor Sam Liccardo, City of San Jose

WORKSHOP #6

Open Data Platform Strategies for Smart City Data

Location: Annex

What lies ahead for open data platforms in the next ten years? This workshop will explore how the next generation of open data platforms can provide urban practitioners, designers, architects, engineers, and policy makers with the tools to integrate new decisions into the built environment and urban services. How can the next generation of platforms provide new insights and analysis which enable cities to more quickly achieve their budgetary and carbon reduction goals? Where is the smart city data space headed? And how do we get there faster?

Workshop Leader: **Michael Jansen**, *Chairman & CEO*, Cityzenith

Lightning Talks by:

- **Alvaro Casalins**, *Director*, Deloitte Consulting (Buenos Aires Practice)
- **Gianluca Barletta**, *Head of Smart Consultancy*, WSP Parsons Brinckerhoff
- **Jason Lally**, *Open Data Program Manager*, City of San Francisco

WORKSHOP #7

The Future of Work - The Rise of Innovation in Legacy Cities

Location: Annex

Shifting economic and demographic forces have rearranged both city neighborhoods and how we work. Across the country, young, talented workers prefer to live and work in dense urban neighborhoods which has spurred a development boom in downtowns and their surrounding areas. Despite these changes, many poor neighborhoods continue to struggle with underinvestment in their physical assets as well as human capital, especially in legacy cities. Furthermore, most of this development has focused on live (multi-family) and play (dining) with little to no innovation in the rapidly changing area of work. This workshop seeks to answer: How do we design sustainable spaces for the future of work, which are inclusive to a range of users, including those new to the innovation economy? This workshop will address both physical and programmatic design, using the following design tools: user profiles, conceptual mapping, and paper prototyping, among others.

Workshop Leader: **Joan Chase**, *Director of Place*, DigitalC

Lightning Talks by:

- **Pamela Lewis**, *Director*, New Economy Initiative
- **Robinson Hernandez**, *Executive Director*, The Hub at Grand Central Tech
- **Deborah Hoover**, *President & CEO*, Burton D. Morgan Foundation

5:00 PM - 7:00 PM

NETWORKING RECEPTION & SMART CITY START-UP DEMOS

- Reception sponsored by Cisco Systems and The Internet of Things Talent Consortium with drinks provided by Half Moon Bay Brewing Co. and Shannon Wines

SMART CITY START-UPS



NUMINA
BY CTY



OCTOBER 27TH

7:30 AM–8:30 AM

NETWORKING BREAKFAST

Location: The Craneway Pavilion

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8:30 AM

WELCOME TO DAY 2

- **Gordon Feller**, *Co-Founder*, Meeting of the Minds & *Consultant*, Cisco Systems HQ
-

8:35 AM

DRIVING INCLUSIVE INNOVATION IN AMERICA'S CITIES

Learn from urban innovators from Detroit and New Orleans who are driving efforts to accelerate minority-owned entrepreneurial activity and connectivity in their respective cities. This interactive session will include specific strategies these cities are using to build a pipeline of minority enterprises in underdeveloped economic corridors, connect them to city-wide resources, measure their economic impact, use policy levers to sustain these efforts, and change the local and national narrative about this movement.

Moderator: Pamela Lewis, *Director*, New Economy Initiative

- **Shireen Santosham**, *Chief Innovation Officer*, Office of Mayor Sam Liccardo, City of San Jose
 - **Deborah Hoover**, *President & CEO*, Burton D. Morgan Foundation
 - **Andrea Chen**, *Co-Founder & Executive Director*, Propeller
-

9:05 AM

NEW URBAN TECH TALENT PIPELINES

The global tech economy fueling our cities is reliant on an ever adaptable and retrainable workforce. How do we build inclusive training programs that attract and retain and truly prepare women, minorities, and tech workers

across the spectrum? How is the private sector changing and partnering with a growing ecosystem of providers, training programs, and non-profits? Are there funding opportunities for these entrepreneurs? How do we increase the pie?

Moderator: Jessie F. Hahn, *Executive Director*, Meeting of the Minds

- **Brandon Nicholson**, *Founding Executive Director*, The Hidden Genius Project
 - **Crystal Martin**, *CoderGirl Program Manager*, LaunchCode
-

9:35 AM

DE-RISKING CITIES: NEW APPROACHES TO DEVELOPMENT AND OPERATIONS IN THE ERA OF URBAN GROWTH, CLIMATE CHANGE, AND CYBER SECURITY

Cities around the world are confronting profound opportunities and challenges represented by urbanization, globalization, climate change, and cyber risks. To be better prepared and respond to these opportunities and challenges, cities are adopting new alliances, partnerships, and citizen-inclusive approaches to planning, governance, operations, budget, climate change, and security. The overarching lens that unifies these issue areas is “risk” management, and in particular how city leaders, partners, and citizens, in increasingly integrated and technology reliant ecosystems, can “de-risk” urban environments, leading to more livable, resilient, and competitive places.

Moderator: Jim O’Gara, *Managing Director*, Deloitte Advisory

- **Armond Budish**, *Chief Executive*, Cuyahoga County, Ohio
 - **Paul Silvern**, *Vice President*, HR&A Advisors
-

10:00 AM

COFFEE BREAK

10:45 AM

UNIVERSAL BASIC INCOME & THE AUTOMATION OF JOBS

Universal Basic Income (the UBI) is gaining traction on the left and the right as a solution to growing inequality, the disappearance of the middle class and the ensuing disappearance of jobs through automation and redundancy. Several states and countries have experimented with or in the process of beginning experiments with UBI including Manitoba, Alaska, Finland, New Jersey, and most recently in Oakland (CA). UBI is now being debated among leaders in Silicon Valley, social service organizations, shared mobility start-ups, and beyond. The social compact needs an update. Is this the answer?

- **Sandhya Anantharaman**, *Co-Director*, Universal Income Project

11:00 AM

HOUSING FIRST

Salt Lake City has been heralded for its groundbreaking systems change approach to breaking the cycle of homelessness. What about housing first policy works? Is this model replicable in other cities where housing prices are at all all-time high and institutional support, particularly from the Church, is less robust? What creative financing mechanisms can other cities use to ensure that their residents are housed and stay housed? Hear from some of the national leaders who are building new models for inclusive cities.

Moderator: Kevin Fagan, *Reporter*, San Francisco Chronicle

- **Jennifer Loving**, *Executive Director*, Destination: Home
- **Lloyd S. Pendleton**, *Former Director*, Homeless Task Force, State of Utah

11:30 AM

BUILDING GREAT CITIES, PUBLIC LIFE, AND CREATIVE CITIZENSHIP

Great cities are art cities, made up of communities that are fueled by the collective imagination, aspirations, and actions of the people. We can't make change in our cities if people do not feel empowered or inspired. It is still the privileged few who believe in their own empowerment. Great arts institutions are citizen institutions that do not equate participation with the ability to pay, but rather their ability to ignite public imagination. These are institutions that throw open their doors and offer their vast cultural resources to the civic and public life of the communities around them. What role do cultural centers play in instigating public life and creative citizenship in their communities? With a focus on an unprecedented partnership with the San Francisco Planning Department, Yerba Buena Center for the Arts' Market Street Prototyping Festival is one example of an arts center building cultural movement and leading change.

- **Deborah Cullinan**, *CEO*, Yerba Buena Center for the Arts

11:50 AM

PLANNING FOR NEW ENERGY FUTURES AND DISRUPTIONS

Distributed generation, renewables, the onboarding of EVs/autonomous vehicles, and changing customer expectations—these are increasingly disrupting the energy industry and the grid. In the process, historical relationships are also changing, especially between customer, utility, and energy innovators. The point of convergence between utility and other urban systems can accelerate resilient and sustainable cities. Some city leaders are ready to act and are looking to leverage the experience of their utilities. How are utilities who are currently investing in smart city technologies in energy and water adapting and planning for new energy futures? What new policies are needed for cities to scale new technologies and solutions? What

choices are customers making as their choices widen? Which emerging energy innovations and technologies can make new realities possible?

Moderator: H. Christine Richards, *Research Director, Zpryme*

- **Scott Stallard**, *Vice President, Smart Integrated Infrastructure, Black & Veatch*
- **Russ Vanos**, *Vice President, Sales and Marketing, Global Software, Services and Smart Cities, Itron*
- **Rich Barone**, *Manager, Demand Response, Hawaiian Electric*

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12:30 PM

NETWORKING LUNCH (WITH THEMED TABLES)

Choose a theme that resonates with you and meet a small group of like-minded leaders focused on the same issue area. Choose from 30 themes, one at each table.

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1:30 PM

UNPACKING URBAN MOBILITY SERVICES AND TRANSPORTATION

In the pursuit of new mobility solutions, a new mobility ecosystem is emerging between public transport agencies, private industry, NGOs and entrepreneurs. Which cities are making real strides by shifting investment priorities and accelerating technology adoption? Some cities subsidize ridesharing and call it a public transit investment. Are these changes saving cities precious dollars, lowering carbon impacts, and providing equitable transportation options? Embracing the app-revolution is just the beginning. What more can and should be done now to get us where we want to be in 2050? This session will discuss how cities, with a particular focus on Boston, are tackling urban congestion and raising the bar on their own performance standards for moving people better, smarter, on-time and on-budget.

Moderator: Mary Skelton Roberts, *Senior Program Officer, Climate, The Barr Foundation*

- **Kent Larson**, *Director, Changing Places Research Group & City Science Initiative, MIT Media Lab*
- **Chris Osgood**, *Chief of Streets, Transportation & Sanitation, City of Boston*
- **Matt Caywood**, *CEO & Co-Founder, TransitScreen*

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1:45 PM

DEADLINE FOR YOUR IDEAS ON THE 'IDEAS WALL'

Write something that interests you on our ideas wall facing the water. Please pose your ideas as provocative statements or questions. These ideas will become sessions for our delegate-led breakouts at 2:15pm. Optional: list your name on your sticky note if you are willing to moderate this informal session.

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2:00 PM

CONNECTING A FRAGMENTED ECOSYSTEM OF PROVIDERS: TACKLING HUNGER IN CITIES

Hunger is not a problem about food scarcity. It's a problem of access, waste, and partnerships. Until now, major anchor institutions—such as hospitals and universities—and local human service organizations have been disconnected and without a way to efficiently connect large amounts of unused food to those who are going hungry. It seems like a simple idea but the complexity is enormous. Copia set out to change that through a new technology platform and most importantly, teaching us all how to think differently about creatively tackling a complex challenge like hunger.

- **Komal Ahmad**, *Founder & CEO, Copia*

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2:15 PM

DELEGATE-LED BREAKOUTS

We hear time and time again that Meeting of the Minds leaders are hungry to tackle topics in smaller, interactive groups. This is your opportunity to dive into a topic with fellow thought leaders who are particularly focused in this area. 15 ideas from the 'Ideas Wall' have been chosen and placed around the room on tables. Join a small group for a lively discussion on an important focus area of your choosing.

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3:00 PM

COFFEE BREAK

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3:30 PM

CITY RESILIENCY IN OUR LIFETIME

Resiliency requires more than a good disaster preparedness strategy, and it involves a host of less-than-visible risks that cities have often ignored to their peril. It has a financial, environmental, energy and human dimension that shows up in myriad ways in our urban communities: in the structure of city debt; in the state of our utilities and infrastructure; in the (dis)connectedness between citizens and their government. This session will look beyond and behind the resiliency slogans, to get at a deeper understanding of how and where the pioneers are making it possible for genuine resiliency to emerge now in our cities, and not only in the next century.

Moderator: Stephanie Rico, *Business Initiatives Manager, Environmental Affairs, Wells Fargo*

- **Laura Bloch**, *Sustainability Advisor, U.S. Environmental Protection Agency*
- **Kate Meis**, *Executive Director, Local Government Commission*
- **Larry Goldzband**, *Executive Director, San Francisco Bay Conservation and Development Commission*

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4:00 PM

LEADING CYBER-THREATS FOR SMARTER URBAN COMMUNITIES

What lessons about cyber-vulnerabilities can we extract from the experience of a dozen smart-city experiments? How do cities and citizens prepare as the Internet of Things proliferates? This session will be a tour d'horizon as we assess whether our cyber-problems have gotten worse as technologies are deployed and what we can do about it.

- **Ali Al Shidhani**, *Director of Information and Communication Technology Research, The Research Council of Oman*

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4:15 PM

US DEPARTMENT OF TRANSPORTATION SMART CITY CHALLENGE—NEXT STEPS

The U.S. DOT pledged up to \$40 million to one city to help define what it means to be a "Smart City" and become the first city to fully integrate innovative technologies—self-driving cars, connected vehicles, and smart sensors—into their transportation network. Columbus, Ohio was announced as the winner. What will Columbus' transportation network look like in 2020? What policy responses have these cities developed in their proposals? Which of these cities will move forward with policies and programs despite not being picked?

Moderator: Amanda Eaken, *Director of Transportation and Climate, Urban Solutions Program, Natural Resources Defense Council*

- **Spencer Reeder**, *Senior Program Officer, Climate & Energy, Vulcan*
- **Sophie Shulman**, *Senior Policy Advisor, US Department of Transportation*
- **Aparna Diah**, *Project Manager, City of Columbus*

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4:45 PM**LOOKING BACKWARDS & FORWARD
TOWARDS THE NEXT TEN YEARS**

Meeting of the Minds 2016 marks the 10-year anniversary of the summit. As we look back, where were we blind? What trends did we not see coming? And how does that inform the way we see the next 10 years? We will also announce the results of our Meeting of the Minds Network Survey.

Moderator: Gordon Feller, *Co-Founder*, Meeting of the Minds & *Consultant*, Cisco Systems HQ

- **Jonathan H. Coleman**, *Sustainability & Advanced Technology Manager*, Ford Motor Company
 - **Rahul Chopra**, *Senior Advisor*, Lawrence Berkeley National Laboratory
-

5:00 PM-7:00 PM**CLOSING NETWORKING RECEPTION**

- Performance by RYSE Youth Center
- Reception sponsored by PwC and Half Moon Bay Brewing Co.

SPEAKERS



AARJAV TRIVEDI

Founder & CEO

Ridecell

@aarjav

Aarjav Trivedi is the founder and CEO of RideCell. RideCell customers include VTA in Silicon Valley, Southwest Transit in Minnesota, Google and other campus transit systems across the country, as well as international mobility services such as BMW ReachNow. Aarjav's work at RideCell is focused on helping these organization integrate ridesharing, carsharing and dynamic fixed-route along with traditional public and private mobility services into a fully integrated mobility as a service offering so that each service is cheaper to operate as a result and grows faster. Prior to starting RideCell in 2008, Aarjav held R&D roles at McAfee. He has a Masters in Computer Science from Georgia Tech, while earning which he failed his driving test 5 times and realized the true value of good public transit.



ADAM J. HECKTMAN

*Director of Technology and Civic Innovation
(Chicago)*

Microsoft Corporation

@AdamHecktman

Adam J. Hecktman is Microsoft's Director of Technology & Civic Innovation for Chicago. Adam helps civic leaders—and the communities they serve—apply technology to the city's key issues and opportunities facing Chicago today and in the future. Adam was previously the Director of the Microsoft Technology Center—Chicago and has been with Microsoft in Chicago since 1991. Adam received a Bachelor of Science in commerce and business administration from the University of Illinois at Urbana-Champaign and is pursuing his Masters of Data Science at the Illinois Institute of Technology.



ALEJANDRA CHIESA

Bay Area Program Director
The Trust for Public Land
@tpl_org

As Bay Area Program Director, Alejandra sets the strategy for the program and leads a team of project managers that partner with communities across the Bay Area on urban greening and park projects in underserved communities. Alejandra has worked with The Trust for Public Land for over five years and has led many multi-benefit public projects with deep community engagement, through planning, design and construction. Alejandra is a licensed landscape architect with more than 14 years of experience and has a dual Master's degree in Biology and Landscape Architecture from the University of Michigan.



ALI AL SHIDHANI

*Director of Information and Communication
Technology Research*
The Research Council of Oman
@alialshidhani

Dr. Ali Al Shidhani is Director of Information and Communication Technology Research at The Research Council of Oman. A Visiting Professor at the Department of Electrical and Computer Engineering at Sultan Qaboos University, he was also a visiting researcher at City University London. His research interest is in wireless security and he has published 20 papers, a book chapter and has supervised numerous undergraduate and postgraduate projects. He received B.Eng in Electrical and Computer Engineering from Sultan Qaboos University, a Masters of IT in Data Communications from Queensland University of Technology, Australia, and a Ph.D. in Electrical and Computer Engineering from the University of British Columbia.



ALVARO CASALINS

Director

Deloitte Consulting

@amczal

Alvaro Casalins is a director in the Deloitte Consulting Buenos Aires Practice. He is focused on and passionate about SMART cities, big data, and corporate entrepreneurship. For the past seven years, Alvaro has overseen and led Deloitte's work in digital solutions for the City of Buenos Aires, specifically leading Deloitte's Responsive City platform engagement, and is now expanding this digital footprint to the Federal and State governments in Argentina and the Latin America region. He has 10 years of experience in the IT industry with deep proved expertise in full lifecycle ERP, CRM, MADP (Mobile), In-Memory Computing (SAP HANA), and Business Intelligence implementations.



AMANDA EAKEN

Director of Transportation and Climate, Urban Solutions Program

Natural Resources Defense Council

@aeaken

Amanda's current work is focused on a series of groundbreaking studies documenting the environmental impact of shared mobility services. In 2015, she conceptualized and launched the Live.Ride.Share conference to examine the new mobility movement transforming the national conversation on transportation. The San Francisco Business Times named her one of the Bay Area's top 40 under 40 Emerging Leaders of 2013 and she was awarded the inaugural President's Award for Sustainability Leadership by the Southern California Association of Governments. A founding member and Steering Committee member of ClimatePlan, she holds a Master's in City Planning from U.C. Berkeley's College of Environmental Design, and a B.A. in Environmental and Evolutionary Biology from Dartmouth College.



ANDREA CHEN

Co-Founder & Executive Director
Propeller
@msandreachen

Andrea is the Co-Founder and Executive Director of Propeller: A Force for Social Innovation, a social innovation incubator in New Orleans focused on systemic change in sectors such as food access, water, public health, and education. Propeller has accelerated over 90 new ventures that have generated over \$60mm in revenues and financing in the last five years. Propeller's 10,000 s.f. Propeller Incubator facility is now home to over 150 socially-minded companies. Andrea was named "40 Under 40" by *Gambit* Magazine, 2014 Aspen Institute Scholar, 2014 BALLE Fellow, 2014 Norman C. Francis Institute Fellow, and 2010 *CityBusiness* Women of the Year. She completed her B.A. at Stanford University and M.Ed. at UNO and Harvard Graduate School of Education.



ARMOND BUDISH

County Executive
Cuyahoga County, Ohio
@ArmondBudish

Armond Budish took office as the County Executive in January of 2015. Mr. Budish has outlined a forward looking and innovative agenda to improve the lives of County residents and is committed to taking a "head and heart" approach to governing, creating economic growth and opportunity, and effective and efficient management, while also caring for those in need. Prior to arriving in his current post, Budish served four terms in the Ohio House of Representatives, including a term as the Speaker of the House and two terms as the Minority Leader. Mr. Budish is also known by many County residents for his private sector career as a nationally known consumer and elder law attorney, author, newspaper columnist, and television show host.



BORIS KARSCH

Vice President, Strategy

Cubic Transportation Systems

@karsch_boris

Boris Karsch is the vice president, strategy for Cubic Transportation Systems. He leads the execution of Cubic's NextCity vision for the integration of payment and information systems with direct responsibility for strategy development, partnerships and acquisitions.

Previously the capability development director for Cubic's worldwide organization, Boris was responsible for Cubic's research and development programs including Cubic's Urban Insights data analytics capability. Boris brings over 15 years of experience in leading product strategy and development in electronic payments and transaction systems.

Boris has a bachelor's degree in electrical engineering with Honours Class 1 from the University of New South Wales, Australia, and an MBA from the Australian Graduate School of Management.



BRANDON NICHOLSON

Founding Executive Director

The Hidden Genius Project

@BNicholson83

Brandon Nicholson is founding Executive Director of The Hidden Genius Project. Previously, as a senior evaluator and consultant, Brandon conducted research, evaluation, and consulted on a range of projects related to intersections of education policy and workforce and economic development. Brandon has conducted substantial research in the areas of education and youth development, with a particular focus on issues of equity and access in K-12 education for underserved populations. Brandon serves on the Board of Trustees/Directors of: Marin Academy; the San Francisco 49ers Academy; Great Oakland Public Schools; the Lorenzo Alexander ACES Foundation; the GreenLight Fund, and Aim High.



BRITT HARTER

Director, Sustainability and Cities of the Future
PwC
@britt_harter

Britt is a Director at PwC and the leader of its Cities of the Future initiative—addressing issues at the interface of environmental, social and economic sustainability for state and local clients. He has helped a broad range of U.S. cities including Detroit to address economic development issues. With more than 10 years of consulting experience and a number of academic publications, Britt focuses on data-driven strategies that are customized for individual regions. He specializes in a broad view of economic development from creating the enabling conditions for growth, to organizational design, to innovative forms of impact measurement.



CHRIS OSGOOD

Chief of the Streets, Transportation, and Sanitation
City of Boston
@cityofboston

Chris Osgood serves as Mayor Walsh's Chief of the Streets, Transportation & Sanitation. He works with the Public Works and Transportation Departments to deliver exceptional City services, build great streets, and implement a transportation plan that works for everyone. In 2010, Chris co-founded the Mayor's Office of New Urban Mechanics, a nationally replicated civic innovation group that experiments with new ways of using data, design and technology to improve the constituent experience. Osgood joined the City in 2006, serving as a Mayoral Policy Advisor. Chris is a graduate of City Year, Haverford College and the Harvard Business School.



CRYSTAL MARTIN

CoderGirl Program Director
LaunchCode
@Crysteria

Crystal is the CoderGirl Program Director at LaunchCode and the Co-organizer of Strange Loop Conference. LaunchCode is a nonprofit organization dedicated to creating economic opportunity for aspiring developers through job placement and training in technology. As a Detroit Public Schools graduate, Crystal is passionate about equal access to education at all levels. She came to St. Louis as a 2010 Teach For America Corps Member and taught middle school math in St. Louis Public Schools for four years. After her time in the classroom, she wanted to explore a career that would allow her to bring together her love for creativity, science, and community. She holds a B.S. in Nutritional Sciences from Michigan State University and an M.Ed. in Secondary Education from the University of Missouri-St. Louis.



DANA CHISNELL

Co-Director, Center for Civic Design;
Consultant,
U.S. Digital Service at the White House
@danachis

Dana Chisnell is an elections geek and UX research nerd (her words) who has trained thousands of people, including government workers, to test their designs. But what she really loves is giving design literacy to the world. She's the managing editor of the Field Guides To Ensuring Voter Intent, small booklets of design guidelines for election officials. The Field Guides are a key ingredient in the applied research portfolio of the Center for Civic Design, which she directs with Whitney Quesenbery. She's what you might call a "seasoned professional" who, with Jeff Rubin, wrote Handbook of Usability Testing, Second Edition.



DEBORAH CULLINAN

CEO

Yerba Buena Center for the Arts
@deborahcullinan

Deborah Cullinan joined Yerba Buena Center for the Arts as CEO in September 2013. With her stewardship, YBCA has sharpened its mission and vision; regrounding the organization in its origins as a citizen institution and San Francisco's premiere art center built by the community, for the community. Fostering a "culture of invitation"; Cullinan brings together creative citizens of all kinds to spur social change. Prior to joining YBCA, Deborah served as the Executive Director of San Francisco's Intersection for the Arts for 17 years. She is a co-founder of ArtsForum SF, and a member of the Board of California Arts Advocates, Californians for the Arts, MissionHub, and the Community Arts Stabilization Trust.



DEBORAH D. HOOVER

President & CEO

Burton D. Morgan Foundation
@DeborahHoover

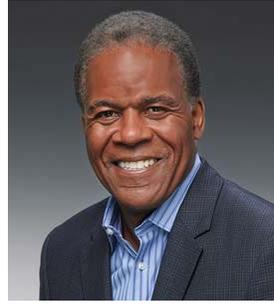
Since 2007, Deborah Hoover has served as President and CEO of Burton D. Morgan Foundation. She established the Foundation's Northeast Ohio Collegiate Entrepreneurship Program, a Kauffman CampusesSM Initiative; and NEOLaunchNET, formerly the Blackstone LaunchPad Program. She received the Northeast Ohio EY Entrepreneur of the Year Award in 2014 in the Educational Services & Nonprofit category. She served from 2013-2015 as Chair of the Fund for Our Economic Future. She is Chair of the Advisory Council for the Foundation Center, Midwest and serves on the national Board of The Foundation Center. Ms. Hoover earned her B. A. from Williams College and her J.D. from George Washington University.



DORIA ROBINSON

Executive Director
Urban Tilth
@UrbanTilth

Doria Robinson is Executive Director of Urban Tilth, a community based organization dedicated to cultivating a more sustainable, healthy, and just food system. Doria has worked on organic farms in Western Massachusetts, at Veritable Vegetable, a women owned organic produce distribution company, and at Real Food Company and Mixed Nuts Food Co-op. She is passionate about exploring how physical, social and economic health is dependent upon ecological health and how the restoration of one depends on the restoration of the other. Recognized as Environmental Advocate of the Year and as Woman of the Year for Contra Costa County in 2010, she received a Community Resiliency Leadership Award from Bay Localize in 2011.



ED FOSTER-SIMEON

President & CEO
U.S. Soccer Foundation
@Ed_FosterSimeon

Ed Foster-Simeon is a champion of sport as a vehicle for youth development and social change. Previously he was deputy managing editor at *USA Today*. Under his leadership, the U.S. Soccer Foundation has become a national leader in sports-based youth development, with emphasis on improving health and social outcomes among children in underserved communities. He received a Community Leadership Award from the President's Council on Fitness, Sports and Nutrition, serves on the Campaign to End Obesity Board of Directors and is a NAACP Trustee. A U.S. Navy veteran, Foster-Simeon holds a B.S. in journalism from the University of Maryland University College.



GARETT BRENNAN

Director of Network Cultivation

Context Partners

@contextpartners

Garrett has spent his career building organizations and programs that span a variety of issues, including the youth climate movement, talent pipelines for the renewable energy and sustainable fishing sectors, and organic food sourcing for hospitals. He has worked with groups including NASA, Nike, Rockefeller Brothers Fund, Packard Foundation, U.S. Department of Energy and others. He was previously executive director at Focus the Nation, a US-based climate organization that built a national network of millennials working to solve the climate crisis through careers as technicians, politicians, storytellers and innovators. In addition to his community-centered design work, he is an avid songwriter, musician, skier and cyclist.



GIANLUCA BARLETTA

Head of Smart Consulting

WSP Parsons Brinckerhoff UK

@WSP_PB_UK

Gianluca Barletta is the Head of Smart Consulting for WSP Parsons Brinckerhoff UK and the lead for the company's Global Smart Consulting and Technology initiative. His team advises on, identifies and deploys intelligent solutions to help clients face today's problems as well as prepare for what the future holds. Fluent in Italian, English and Spanish, Gianluca holds a Masters of Science in Transportation and Business Management and a Ph.D. in Transportation Economics from Imperial College London. Prior to that, he was awarded a Bachelor in Industrial Engineering and a Masters in Business Management from University of Bari.



GORDON FELLER

Consultant, Cisco

Co-founder, Meeting of the Minds

@GordonFeller

Gordon leads projects where tech meets the city. Gordon serves as a Consultant at Cisco headquarters in Silicon Valley where he was also the Director of Urban Innovations for many years. Gordon is Board Co-President of Meeting of the Minds, which he co-founded prior to joining Cisco. Gordon also serves on multiple boards, including as a member of the U.S. Federal Government's Electricity Advisory Committee. Gordon creates programs that accelerate the economic and technology transitions, and to do so, he partners with leaders of multinational companies, cities, NGOs/ foundations, and national governments. Gordon's aim is to harness the power of advanced solutions to solve complex urban problems, with a special focus at the intersection of economics, technology, and sustainability. He's published hundreds of articles with such publications as *CFO Magazine*, *Urban Land Magazine*, *TIME Magazine*, and *The Financial Times*. Columbia University awarded him undergraduate and graduate degrees, cum laude. While at Columbia he served as a Lehman Fellow, a Wallach Fellow and a Dean's Fellow.



H. CHRISTINE RICHARDS

Research Director

Zpryme

@hc_richards

H. Christine Richards is a researcher whose expertise includes the use of advanced technologies in the energy, water and transportation. Christine is currently the research director for Zpryme, based in Austin, Texas, and adjunct faculty with the University of Denver. Prior to these roles Christine worked at Energy Central as research director for the Utility Analytics Institute, and editor-in-chief of *Intelligent Utility Magazine*. She also served as the lead analyst for the intelligent grid practice at IDC Energy Insights. Ms. Richards received her master's degree from Cornell University and a bachelor of science from Colorado State University.



JAMES KUFFNER

Chief Technology Officer
Toyota Research Institute
@toyota

James Kuffner is CTO and area lead for cloud intelligence at the Toyota Research Institute and an adjunct associate professor at the Robotics Institute, Carnegie Mellon University. James also serves as Area Lead for Cloud Intelligence. Best known as co-inventor of the Rapidly-exploring Random Tree algorithm, Kuffner has published over 125 technical papers, holds more than 40 patents, and received the Okawa Foundation Award for Young Researchers in 2007. In 2009, James joined Google as part of the initial engineering team building Google's self-driving car and is known for introducing the term "Cloud Robotics". He holds a Ph.D. from the Stanford University Dept. of Computer Science Robotics.



JASON LALLY

Open Data Program Manager
City of San Francisco
@synchronouscity

Jason Lally is the Open Data Program Manager, working with the City's Chief Data Officer, Joy Bonaguro, to help operationalize the City's data strategy. Before the City, he worked at the intersection of technology and urban planning as Director of the Decision Lab at PlaceMatters in Denver, CO. He came to open government and open data through his work in cities and regions across the country on data-informed, community planning processes. Recognizing a need for more robust information services and platforms to support strong community engagement, Jason is pleased to contribute to making data more accessible and useful at the City. Jason earned his Masters in City and Regional Planning from the University of Pennsylvania.



JENNIFER LOVING

Executive Director

Destination: Home

@jenloving23

Jennifer has spent her career spearheading efforts that better serve the needs of homeless youth, families and adults in Silicon Valley. Working in a variety of shelter, street and permanent housing programs, Jennifer has developed and collaborated on numerous innovative models including the County's first Housing First program for homeless families in 2001. Most recently, she has facilitated the production of Home Not Found, the most comprehensive cost of homelessness study completed in the United States and The Silicon Valley Triage Tool, a predictive forecasting tool for ending chronic homelessness.



JESSIE F. HAHN

Executive Director

Meeting of the Minds

@jessiefeller

For the past six years, Jessie has built and overseen the development of Meeting of the Minds into an international leadership platform for city-to-city learning. Jessie's focus is identifying global urban sustainability, innovation, and technology best practices; developing platforms for city leaders to share lessons learned; spotlighting innovators; and building alliances and partnerships between the private sector, public sector, non-profit and philanthropic sectors. Prior to Meeting of the Minds, Jessie launched the Regional Energy Policy Program at Regional Plan Association and held positions at Economic Competitiveness Group, the Portland Development Commission, and SMWM (now Perkins + Will). Jessie received a BA from Vassar College in Urban Studies and Hispanic Studies (Phi Beta Kappa) and a Masters in Environment and Development Studies (honors) from the London School of Economics and Political Science. She is fluent in Spanish and a conversational Portuguese speaker.



JIM BECKER

President & CEO
Richmond Community Foundation
@RichmondCF

Jim Becker has been President & CEO of the Richmond Community Foundation since 2014. He previously held executive positions at the Oakley YMCA, Delta 2000, Center for Human Development, and Housing California. He serves on the Berkeley Global Campus Community Working Group, co-chairs the Ensuring Opportunity Campaign, and serves on the Advisory Council for John F. Kennedy University's Sanford Institute on Philanthropy. He was recognized in 2013 as a Contra Costa County Man of Merit, and in 2015 he received the United Way of the Bay Area's Dream Award for his work to end poverty in the community.



JIM O'GARA

Managing Director
Deloitte Advisory
@deloitte

Jim O'Gara is a Managing Director at Deloitte Advisory. Over the past 30 years he has worked for private and public sector organizations concerned with location-based economic development initiatives. He has provided development policy advice at the highest levels to Multilateral Financial Institutions, national and local governments, often followed by leading the implementation of these economic development plans in more than 20 countries. Prior to joining Deloitte Jim worked for AECOM, a fortune 500 professional services company, as Senior Vice President for International Government Services. He also was a senior executive in Shannon Development, an Irish economic development agency.



JOAN CHASE

Director of Place
DigitalC
@JoanChase

Joan Chase is Director of Place and leads DigitalC's practice focused on placemaking, inclusion, and innovation. Joan has worked in a range of economic development roles including finance, research, business expansion and retention, real estate development, and construction management. She has a degrees in economics and urban studies and has served on non-profit boards dedicated to women's entrepreneurship, permanent supportive housing, and grassroots grant making. Joan is renovating her historic home in Cleveland's Ohio City with her witty husband and ill-behaved dog.



JOHN H. KNOX

Partner
Orrick, Herrington & Sutcliffe LLP
@orrick

John H. Knox, is a member of the firm's Public Finance Department, where he co-chairs the Special Tax and Assessment Financing Group and the 501c-3 Revenue Bond Group. His practice focuses on local governmental infrastructure financing, including special assessment and other land-secured financings, various statewide financing programs, municipal lease financing, redevelopment financing, transportation and utility revenue financing. Mr. Knox is also one of the leading attorneys in the country in the area of municipal restructuring and bankruptcy, having represented the cities of Stockton and Vallejo in their Chapter 9 cases, as well as several other local government agencies in connection with non-bankruptcy workouts and restructurings.



JONATHAN H. COLEMAN, PHD

Sustainability & Advanced Technology Manager
Ford Motor Company
@Ford

Jon works with Ford's fleet customers to develop sustainable solutions for their specific needs through the use of technology, fleet optimization and understanding driver behavior. Jon has been involved with sustainability at Ford for more than 15 years and his passion is evident in his research focusing on how large organizations engage in sustainable behavior and how that decision making process can be embedded in an organization's day-to-day operations. Jon's view of sustainability goes far beyond "green" to include human rights, urban mobility and societal well-being, embracing the ideal that true sustainability involves "doing more good, not doing less bad."



JOSHUA BREITBART

Senior Advisor for Broadband
Office of the Mayor, New York City
@joshdotfm

Joshua Breitbart is the Senior Advisor for Broadband in the Office of the Mayor of New York City. He plays a key role in all of the City's initiatives to achieve the Mayor's goal of universal, affordable, high speed internet service for all New Yorkers by 2025. He was formerly the Director of Field Operations for New America's Open Technology Institute, where he established an action-oriented division within the think tank that implemented broadband adoption programs and built wireless networks in partnership with community-based organizations around the world. He attended Deep Springs College and Columbia University and is a fourth-generation resident of Brooklyn, New York.



KATE MEIS

Executive Director

Local Government Commission
@katemeis

Kate Meis is Executive Director of the Local Government Commission, a nationally recognized leader for livable communities focused on connecting local leaders, implementing innovative solutions and advancing smart-growth policies. Meis was recently recognized by the Chronicle of Philanthropy for her work on climate change as one of the “40 under 40 Young Leaders Who Are Solving the Problems of Today – and Tomorrow.”



KEITH A. ANDERSON

Director

DC Department Parks & Recreation
@Kaa_dc

Keith A. Anderson is the Director for the DC Department of Parks and Recreation (DPR). Prior to DPR, Mr. Anderson was the Director for the District’s Department of the Environment (DDOE). As DDOE’s Director, Mr. Anderson established the world’s first Stormwater Retention Credit (SRC) trading program; lead the effort to make Washington, DC the third most sustainable city in the United States; orchestrated the District’s Municipal Aggregation Program, saving the District of Columbia taxpayers \$30 million in electric costs; pioneered the effort to write the District of Columbia’s Sustainability Plan. Mr. Anderson continues to promote urban sustainability in current platforms.



KENT LARSON

Director, *Changing Places* Research Group &
City Science Initiative
MIT Media Lab
@Larson_MIT

Kent Larson's research at the MIT Media Lab is focused on developing urban interventions that enable more entrepreneurial, livable, high-performance districts in cities. Projects include advanced simulation and augmented reality for urban design, transformable micro-housing for millennials, mobility-on-demand systems that create alternatives to private automobiles, and living lab deployments in Hamburg, Andorra, Taipei, Lisbon, and Boston. Larson practiced architecture for 15 years in New York City, with design work published in *Architectural Record*, *Progressive Architecture*, and the *New York Times* among others. His book, *Louis I. Kahn: Unbuilt Masterworks* was selected as one of the Ten Best Books in Architecture of the year by the *New York Times* Review of Books.



KEVIN FAGAN

Reporter
San Francisco Chronicle
@kevinchron

Kevin Fagan is a veteran reporter at the *San Francisco Chronicle*, and has worked at several organizations including BBC Radio in London and the Oakland Tribune. He specializes in homelessness and poverty, enterprise news-feature writing, social welfare issues and breaking news. From 2003-06, he was the only beat reporter in the United States covering homelessness full time. Over the past decade-plus, Fagan has produced more than 500 high-impact dailies and packages that helped drive city and national policy, comparing housing and counseling programs in the Bay Area and throughout the nation. Fagan has won more than 80 national and regional awards and been nominated several times for the Pulitzer Prize.



KIERON SLAUGHTER

Urban Fellow
National Park Service
@kjslaughter

Kieron Slaughter is one of 10 Urban Fellows selected by the National Park Service to implement the Urban Agenda. He's an urban planner previously employed at the City of Richmond, CA where he managed numerous projects including Richmond's Parks Master Plan, Bicycle Master Plan and Pedestrian Plan. Kieron earned his master's degree in Geography/Urban Planning at California State University East Bay and his Bachelor's degree in Geography from Humboldt State University. He also completed internships at Urban Habitat, TransForm and was a board member of the Hayward Area Planning Association. Kieron also taught Physical Geography with an emphasis on the built environment at Contra Costa College.



KOMAL AHMAD

Founder & CEO
Copia
@komal_ahmad

Komal was a student at the University of California, Berkeley and training to become a Naval Officer, when she was first exposed to poverty, homelessness, and hunger. Determined to make food more equitably accessible, she founded Copia, an on-demand platform that uses technology to eliminate both hunger and food waste. The company has recovered over 820,000 pounds of food, feeding over 700,000 people, and saving businesses over \$4.6M. It was named among the top 3 hottest startups run by women in the U.S. and recently recognized as part of the eight best startups at Y Combinator this year. Komal was recently chosen by Toyota as Toyota's Mother of Invention for her efforts in solving what she believes to be the world's dumbest problem: hunger.



LARRY GOLDZBLAND

Executive Director

San Francisco Bay Conservation and
Development Commission

Larry Goldzband joined BCDC as Executive Director in August 2012. Prior to this, Larry worked for members of both the U.S. House of Representatives and the U.S. Senate, was Chief Deputy Cabinet Secretary for former Governor Pete Wilson, and was Director of the California Department of Conservation. He managed PG&E's charitable contributions program for over ten years and was Executive Director of the PG&E Corporation Foundation. Larry was also Policy Director for Efficiency First California and twice served as a BCDC Commissioner. Larry received his undergraduate degree from Pomona College and his MBA from the Kellogg Graduate School of Management at Northwestern University.



LAURA BLOCH

Sustainability Advisor

U.S. Environmental Protection Agency
@LMBlochTweet

Laura Bloch has worked in the environmental field for more than 20 years on projects and programs with all levels of government, NGOs, and industry. She led the Environmental Protection Agency (EPA) Region 9 Office in the design and implementation of its ISO 14001 certified Environmental Management System and championed visionary initiatives that minimize the environmental impacts of internal operations and programs. As the Sustainability Advisor, she is working on national policies and initiatives to enhance sustainability and resiliency. Laura received a BS in Biology, MS in Environmental Health Sciences, and Doctorate in Environmental Science and Engineering from the University of California, Los Angeles.



LAURA SCHEWEL

Founder & CEO
StreetLight Data
@StreetLightData

Laura Schewel is founder and Chief Executive Officer of StreetLight Data. She is an advocate and researcher in advanced transportation, with particular expertise in transportation systems, sustainability and safety, and vehicle/system modeling and analysis. After completing degrees in engineering and comparative literature at Yale University, she worked at the Rocky Mountain Institute (RMI) and Federal Energy Regulatory Commission (FERC) to develop strategy for electric vehicles. She has been a National Science Foundation Fellow, authored several publications about sustainable transportation, was named as *MIT Technology Review's* 35 Innovators Under 35, and won the International Transport Forum's Young Researcher of the Year Award.



LLOYD S. PENDLETON

Former Director
Homeless Task Force, State of Utah

For more than nine years, Lloyd has been an advocate for the homeless. In 2004, as a loaned executive, he took the lead in writing and implementing the State of Utah's Ten-Year Plan for ending chronic homelessness. In 2006, Lloyd went to work for the state of Utah as Director of the Homeless Task Force to continue implementation of the plan to end chronic homelessness and reduce overall homelessness by 2015. Prior to this, Lloyd worked for Ford Motor Company for 14 years and then for the Church of Jesus Christ of Latter-day Saints in the Welfare Department for 26 years, where he was instrumental in assisting with the development and implementation of a worldwide humanitarian program for the LDS Church.



LOURDES GERMAN

Director, International & Institute-wide Initiatives
Lincoln Institute of Land Policy
Director
The Civic Innovation Project
@CivInnovation, @landpolicy

Lourdes advances the Institute's global municipal fiscal health campaign and its work as a co-lead organization for the municipal finance policy unit of the United Nations Habitat III effort. Lourdes began her career as a public finance attorney representing government entities. She co-created the national municipal finance business division at Fidelity Investments, as Vice President of Municipal Finance, and opened and managed Fidelity's first New York office for public finance. Lourdes is also founder and director of the Civic Innovation Project, an online thought leadership platform awarded the 2015 State of Boston Innovation Award for its impact using technology to advance city-to-city learning with respect to the most challenging issues facing governments.



MARY CREASMAN

California Director of Government Affairs
The Trust for Public Land
@maryecreasman

As California Director of Government Affairs for The Trust for Public Land, Mary Creasman oversees the organization's statewide policy and advocacy, local Climate-Smart Cities partnerships, public grants program, and local and statewide ballot measures. Mary has a long and successful track record of leading campaigns and initiatives at regional, statewide and national levels as the Chief Strategy Officer of Green For All, the Associate Director of the Partnership for Children & Youth, and the Political and Organizing Director of the South Bay AFL-CIO Labor Council. Mary is a Bay Area native and has supported nonprofits across the region as an organizational development and effectiveness consultant.



MARY SKELTON ROBERTS

Senior Program Officer, Climate
Barr Foundation
@Marytweets2

Mary Skelton Roberts is a Senior Program Officer for Climate at the Barr Foundation, where she focuses on transportation and land use. Mary's grant making aims to maintain and modernize our transit systems and to help communities transform themselves into more walkable, connected places. Prior to joining the Barr Foundation in 2009, Mary was a consultant specializing in problem solving and dispute resolution of complex corporate, environmental, and public policy issues. Mary has a Master's in City Planning with concentrations in consensus building and environmental policy and planning from MIT. She also holds mediation and facilitation accreditations from the Program on Negotiation at Harvard Law School, and from the Center for Dispute Resolution in London, England, where she served as lead faculty.



MATT CAYWOOD

CEO & Co-Founder
TransitScreen
@mattcaywood

Matt Caywood is CEO and Co-founder of Washington, DC-based TransitScreen. Matt has a PhD in neuroscience from the University of California, San Francisco, and degrees in neuroscience and computer science from Cambridge and Harvard. He founded TransitScreen to make cities easier for people to use—with real time information and directions available at a glance—ultimately enhancing the sustainability of cities themselves. Matt is a frequent speaker on open data, sustainability, transportation and neuroscience, including at Harvard, MIT, Northwestern University, the World Bank, Dubai RTA, Consumer Electronics Show (CES), and Transportation Research Board (TRB).



MELANIE NUTTER

Principal

Nutter Consulting

Melanie Nutter is a consultant who provides urban sustainability and smart cities strategy for cities, foundations, and companies. During her tenure as Director of San Francisco's Department of the Environment from 2010-2014, San Francisco achieved an 80% waste diversion rate, reduced its carbon emissions to 14.5% below 1990 levels, and was named the Greenest City in North America. From 2005-2010, Nutter served as the Deputy District Director for House Speaker Nancy Pelosi and prior to that she worked as a grassroots environmental organizer for Greenbelt Alliance, the Sierra Club and the PIRGs. Nutter founded and is Chair Emeritus for the Energy and Environment Circle for Full Circle Fund. She currently serves as a Board Member for Ecodistricts and the Urban Age Institute. Nutter holds a Bachelor's of Science degree from Northwestern University in Communications and Environmental Studies.



MICHAEL JANSEN

Chairman & CEO

Cityzenith

@Cityzenith5D

An impassioned architect, urbanist, and entrepreneur, Michael Jansen is a Smart City industry leader with numerous awards and accolades to his credit, and has been featured on CNN, CNBC, and myriads of business, technology, and government innovation publications worldwide. In 2014, Michael was honored as a World Cities Summit Young Leader at the World Cities Summit in Singapore, in recognition of his contribution to the field of urban livability and sustainability. He was also recently appointed to the ANSI Smart and Sustainable Cities Network as well as the INCITS JTC 1 ISO Committee for Smart Cities, and is collaborating with leading city standards institutions in the United States to advise ISO as it develops standards for Smart Cities. Michael was educated as an architect at Yale and Cambridge and earned a Fulbright scholarship.



NATALY GATTEGNO

Co-Founder & Managing Design Partner
 Future Cities Lab
 @futurecitieslab

Nataly Gattegno is a founding design partner of Future Cities Lab, an experimental design studio, workshop and architectural think tank that has developed a range of award-winning projects exploring the intersections of design with advanced fabrication technologies, responsive building systems and urban space. Future Cities Lab is at the forefront of exploring how advanced technologies, social media and the internet of things will profoundly affect how we live, work, communicate and play in the future. Their approach to design and making, which has been described as “high performance craft”, is also deeply experiential, interactive and materially rich.



PAMELA LEWIS

Director
 New Economy Initiative
 @PamintheDLewis

The New Economy Initiative (NEI) is one of the nation’s largest philanthropic partnerships, funded by 12 national and regional foundations and managed by the Community Foundation for Southeast Michigan. A highly talented economic development expert, Lewis brings vision and process to guide the NEI team in strategic grantmaking and program development. Recently named as one of the top 25 women in technology in Michigan and one of the 100 most influential Michigan women by Crain’s Detroit, Lewis spent 15 years in various roles at DTE Energy and managed entrepreneurial programs focused on accelerating clean energy startups at NextEnergy.



PAUL J. SILVERN

Vice President

HR&A Advisors

Paul J. Silvern is the Vice President in charge of the HR&A Advisors Los Angeles office. He specializes in real estate advisory, economic development and public policy analysis services for a wide range of public and private clients. In his 30 years with the firm he has directed analysis of major regional airport expansion plans, military base conversions, television and film studio expansions, hotels, office buildings, industrial developments, shopping centers, hospital complexes, university campus expansions, residential developments, mixed-use developments, and a wide range of planning initiatives. Paul previously served as Planning Director for the City of Santa Monica, CA. He holds a Master of Architecture and Urban Planning from UCLA and a Bachelor of Science in Architectural Studies, with honors, from the University of Illinois.



RAHUL CHOPRA

Senior Advisor

Lawrence Berkeley National Laboratory
@rahulchop

Rahul Chopra is a serial entrepreneur and a partner at Ventus Partners and advises leading Venture Capital Funds, technology incubators, and new startups in the fields of energy and telecom infrastructure, healthcare IT, and technology related business models and markets. At Lawrence Berkeley, Rahul is responsible for Corporate Development for Energy Efficient Technologies Division where he focuses on business development, new business ideas and models, and strategic alliances across the area. In addition to serving on the Boards of multiple technology start-ups, Rahul works closely with the leading venture and PE firms as an advisor on the west coast in diverse industries that span energy, wireless, and healthcare infrastructures creation and optimization. Rahul is a Graduate of Columbia University and the University of California Berkeley.



RICH BARONE

Manager, Demand Response
Hawaiian Electric
@HwnElectric

At Hawaiian Electric, Rich provides leadership and direction in DR strategy, business cases, technologies and program portfolio development. Rich works across process areas and the three Hawaiian Electric utilities to optimize DR and Distributed Energy Resources to foster customer choice and system reliability while supporting the state's clean energy goals. Rich joined Hawaiian Electric with over 15 years of strategic planning, early-stage technology assessment, software development and system integration expertise. Most recently he was Associate Director in Emerging Technologies at Navigant Consulting and prior to this he was VP, Smart Grid Services at Pacific Controls, Inc.



RICHARD H. MITCHELL

Director of Planning & Building
City of Richmond, California
@ca_richmond

Richard joined the Richmond Redevelopment Agency in 1998 and was appointed to the position of Director of Planning and Building in 2005. He began his career in management with Johnson & Johnson and then at Procter and Gamble. Richard has overseen the update of the City of Richmond's General Plan, approval of a \$1 Billion Chevron modernization project, and the entitlement of over 2,000,000 square feet of light industrial space, and nearly 3,000 new residential units. He and his staff are working on a variety of plans and standards that will contribute to Richmond's re-invention as a healthy, sustainable community. Richard recently completed 15 years as a Planning Commissioner in the City of Hercules.



ROBINSON HERNANDEZ

Executive Director

The Hub at Grand Central Tech
@gctech

Robinson Hernandez is the Executive Director of the Hub at Grand Central Tech, a new space for the urban tech community in New York City. The Hub will provide growth stage companies working on urban tech challenges with access to key decision makers from the City and the corporate world. Most recently, Robinson served as Deputy Commissioner of Small Business Services for New York City and also held the position of Special Advisor to the Commissioner of the Department of Buildings where he oversaw special projects, including urbanSHED, a design competition to select an improved sidewalk shed design for NYC. A frequent conference speaker, Robinson also worked at the Mayor's Office of Industrial and Manufacturing Businesses.



RUSSELL E. VANOS

Vice President, Sales and Marketing

Global Software, Services and Smart Cities
Itron
@itron

Russ Vanos is Vice President for Sales and Marketing, Global Software and Services for Itron. Vanos is a utility industry and connected city visionary who played a major role in driving early smart grid technology adoption in North America. He is also integral to the Internet of Things and smart cities initiatives for the company. Vanos is on the Boards of the Washington State University Energy Innovation Center and Envision Charlotte, is a member of Edison Electric Institute (EEI), sits on the Cisco Internet of Things Steering Committee, and is a founding member of the Smart Cities Council.



RUSSELL WATTS

Treasurer & Tax Collector
 Contra Costa County
 @CCCCounty

First elected in June 2010 as Treasurer and Tax Collector of Contra Costa County, Watts is responsible for the collection, safeguarding and investment of over \$3.5 billion in public funds. He has nearly 25 years of experience in treasury operations, and holds a Master's in Public Administration from University of North Carolina—Chapel Hill ('93). He is a member and past-president of the California Association of County Treasurers and Tax Collectors, and currently serves as a trustee for CalTRUST, a California JPA offering investment alternatives for local agencies, and for the Contra Costa County Employees Retirement Association.



SABINA SARAGOUSI

Director, Partnerships for Parks
 City Parks Foundation
 @CPFNYC

For over a decade, Sabina has devoted her career to creating a more livable and equitable New York City. Since 2013, she has served as Director of Partnerships for Parks (PfP), an innovative public-private program dedicated to increasing the capacity of people and organizations to transform neighborhood green spaces into dynamic community assets. Additionally, she identifies opportunities for the integration of cutting edge engagement models into park planning, design and programming. Sabina previously served as an Outreach Coordinator and Director of Outreach for PfP. Prior to her time at Partnerships, Sabina trained and organized young voters to run clean energy campaigns throughout the Northwest.



SABRINA MUTUKISNA

Founder & CEO
The Town Kitchen
@sabrina_mutu

Sabrina Mutukisna is the Founder & CEO of The Town Kitchen—a community-driven food company that employs and empowers urban youth. Since its 2015 launch, The Town Kitchen has served over 25,000 lunches to corporate clients that include UC Berkeley, Microsoft and Super Bowl 50. Prior to launching The Town Kitchen, Sabrina worked to create sustainable workforce pathways that bridged stakeholders across public and private sectors. She provided technical leadership to six California community colleges and worked with NASA to embed hand-on science programming in 46 after-school programs. She's currently a board member for New Leaders Council Oakland and mentors young entrepreneurs in Youth Impact HUB.



SANDHYA ANANTHARAMAN

Co-Director
Universal Income Project
@heysandhya

Sandhya Anantharaman is a Co-Director of the Universal Income Project. She is an Obama for America alum, has a background in grassroots organizing in the South, and holds a degree in biomedical engineering from Georgia Tech. She currently works as a Data Scientist at ShareProgress.



SATOSHI NAKAJIMA

Founder & Chief Scientist
UIEvolution, Inc.
@snakajima

Satoshi worked for Microsoft in the 90s as a software architect in Windows 95 and Internet Explorer 3.0/4.0 projects. After this, he founded UIEvolution Inc. in 2000 with the vision that "all devices around us will be connected to the Internet," before the word IoT existed. In college, Satoshi created the first CAD software for PC—Candy and his first iPhone application, PhotoShare, was the most popular photo sharing application from 2008-09, until Instagram took the title away in 2010. As a software engineer, Satoshi has published several open source projects, including neuronode (Node.js-compatible server on iOS), VideoShader (real-time video processing technology) and Swipe (a media-rich document format for touch-enabled devices).



SCOTT STALLARD

Vice President, Smart Integrated Infrastructure
Black & Veatch
@Black_Veatch

Mr. Stallard serves as Vice President in charge of the development and commercialization of Black & Veatch's Asset360™ analytics platform, which helps manage and optimize increasingly complex, distributed and diverse utility systems—from production, transmission and distribution to end-use devices. Mr. Stallard also leads Asset Management Services within Black & Veatch Energy. In this role, he is responsible for management of the business and solutions associated with a wide range of operational issues including fuels, plant performance, operations and maintenance (O&M), and plant/portfolio optimization.



SHARON Z. ROERTY

Senior Program Officer

Robert Wood Johnson Foundation

@sharonroerty

At the Robert Wood Johnson Foundation, Sharon serves on both the Catalyzing Demand for Healthy People Healthy Practices Portfolio and the Childhood Obesity Team. Roerty has worked extensively on transportation, environmental and urban policy. At RWJF she focuses on the built environment, policy, engagement and implementation. Roerty was previously executive director of the National Center for Bicycling & Walking and also managed the multibillion-dollar capital improvement program for the North Jersey Transportation Planning Authority and developed and directed New Jersey's Pedestrian and Bicycle Resource Center at the Voorhees Transportation Center at Rutgers University. Roerty is currently serving on a select committee to guide the long-term vision, the Fourth Regional Plan, for the Tri-State Area.



SHIREEN SANTOSHAM

Chief Innovation Officer

Office of Mayor Sam Liccardo

City of San Jose

@ssantosham

Shireen Santosham is Chief Innovation Officer for Mayor Liccardo where she leads efforts to build the "smart city" vision and strategy for San Jose. Previously, she worked at the GSMA where she was a Director in the Mobile for Development group that aims to close the digital divide for base of the pyramid populations in the developing world through mobile technology and the internet. She has extensive experience working on innovative initiatives across sectors, including working at McKinsey & Company, with international NGOs, and as an impact investor at Vulcan Capital. Shireen holds a M.B.A. from Harvard Business School and an M.P.A in International Development from Harvard Kennedy School and is a term member at the Council on Foreign Relations.



SOPHIE SHULMAN

Senior Policy Advisor

U.S. Department of Transportation

Sophie Shulman is a Senior Policy Advisor at the U.S. Department of Transportation. Her work focuses on energy, environment, and innovative transportation technologies, including the \$40 million Smart City Challenge grant. Prior to this role, Sophie served as the Deputy Chief of Staff for the White House Domestic Policy Council and worked at the Office of Management and Budget and the U.S. Department of Energy. She received her B.A. and M.A. from Johns Hopkins University.



W. SPENCER REEDER

Senior Program Officer, Climate & Energy

Vulcan

@VulcanInc

Spencer Reeder leads Vulcan's climate and energy work within its philanthropy group. Spencer's career spans over two decades of academic, government, and private-sector work in domestic and international science, technology, and related policy, including leading USAID's climate work in Vietnam under the agency's Climate Change Resilience Development program. Spencer served as a climate policy strategist within Washington State Governor Christine Gregoire's administration and prior to that conducted geophysical field research in Central Asia, South America, and Antarctica. Spencer is a lead author for the Pacific Northwest Chapter of the 2014 National Climate Assessment and earned an M.S. in Aerospace Engineering Sciences from the University of Colorado at Boulder and a B.S. in Chemical Engineering from the University of Washington. He was twice selected as a finalist for NASA's astronaut program.



STEPH STOPPENHAGEN

*Business Development Manager for Smart Cities
Smart Integrated Infrastructure, Black &
Veatch*
@sstoppen

Steph Stoppenhagen is the Smart Cities Business Development Manager for Black & Veatch. She is recognized as a technology solutions expert, strategizing with clients to deliver value from smart infrastructure, networks and data. Her success includes creating consortiums to deliver complex, integrated smart city programs and products. She is an executive adviser on the Smart Grid Northwest Board 2013-present. Stoppenhagen was responsible for the development of the technical mapping team of solar experts that have defined a patented methodology called SAFE™ Method (Solar Automated Feature Extraction) which automates the process of examining the Photovoltaic (PV) potential of rooftops/ reduces the time to analyze this potential by 75 percent.



STEPHANIE RICO

*Business Initiatives Manager,
Environmental Affairs
Wells Fargo & Company*
@steph_rico

Stephanie Rico leads efforts to help Wells Fargo foster more resilient communities as well as manages Wells Fargo's response to CDP and co-leads and manages its Corporate Social Responsibility approach. A 10-year Wells Fargo veteran, she has been a member of the Environmental Affairs team since its inception in 2005. Her work supports the company's integration of environmental goals, policies and processes into its operations. Under her leadership, Wells Fargo has been recognized by the CDP as a leader on carbon disclosure. Prior to joining Wells Fargo, she managed charitable giving initiatives for Mitsubishi Motors N.A., media relations for Harris Bank, and several local political campaigns. Rico is on the leadership committees of e-Stewards®; Business Council on Climate Change; and Ten Strands.



STEPHEN BURRINGTON

Executive Director
Groundwork USA
@GroundworkUSA

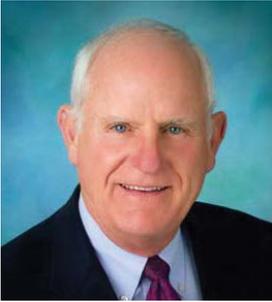
Stephen Burrington is the executive director of Groundwork USA, the national network of local organizations working to build healthy, resilient neighborhoods in marginalized communities. He previously served as commissioner of the Massachusetts Department of Conservation and Recreation and as undersecretary in the Massachusetts Office for Commonwealth Development, a “smart growth” cabinet secretariat that oversaw state environmental, transportation and housing agencies. Before entering state government, Steve was vice president and general counsel of the Conservation Law Foundation, New England’s leading environmental protection organization. He is a co-founder of Renew Energy Partners LLC, an energy efficiency project development and finance firm.



TIM HIGARES

Director of Infrastructure Maintenance and Operations
City of Richmond
@ca_richmond

Tim Higare is the Director of Infrastructure Maintenance and Operations (DIMO) for the City of Richmond, California. He has over 30 years of public service experience and has worked for the cities of Hayward, Union City, and Alameda. Mr. Higare started his career as a laborer with the City of Hayward Public Works Department and transitioned into the field of Code Enforcement. His contributions to the Code Enforcement profession are well known and most recently he was a part of the team that created the City of Richmond’s Social Impact Bonds/Housing Rehabilitation Program, a new paradigm for the financing of social programs and housing rehabilitation. As the Director of Infrastructure Maintenance and Operations and in partnership with Richmond’s diverse community, he proudly leads a solid team that maintains and improves the City of Richmond’s infrastructure through responsiveness, innovation and professionalism.



TOM BUTT

Mayor

City of Richmond

@mayortombutt

As Mayor, he is aggressively seeking to enhance Richmond's business environment, strengthen and support neighborhoods and improve services and the city's infrastructure. As a progressive leader in Richmond, Tom has successfully fought for major sustainability and historic preservation initiatives including bringing Richmond in to Marin Clean Energy, and establishing the Rosie the Riveter WWII Home Front National Park. He has owned and operated an architecture and engineering firm in Richmond for more than 40 years and continues to serve as Principal-in-Charge of the firm's projects.



TOM STEYER

Founder & President

NextGen Climate

@TomSteyer

Tom Steyer is a business leader and philanthropist who believes we have a moral responsibility to give back and help ensure that every family shares the benefits of economic opportunity, education, and a healthy climate. In 2007, Tom and his wife, Kat Taylor, founded Beneficial State Bank, an Oakland-based nonprofit bank that invests any profits back into the community. Tom also serves as President of NextGen Climate. Tom and Kat have pledged to give most of their wealth to charitable causes. They have four children and live in San Francisco.

**WILL ROGERS**

President & CEO

The Trust for Public Land

@tpl_org

Will Rogers is the president and CEO of The Trust for Public Land. Over the last two decades, The Trust for Public Land has significantly expanded its parks and conservation programs. In addition to traditional land protection activities, the organization is a leader in conservation planning/GIS mapping; securing voter-approved parks and conservation funding, and creating parks in cities. He is a graduate of Stanford University and received his MBA from Harvard University. Will lives with his family in Kensington, California. In addition to tending to the chickens, beehives, and vegetables in his backyard, he enjoys hiking, backcountry skiing, and bicycle touring.

SPONSORS

PRESENTING SPONSOR



As the world's largest automaker, Toyota operates under a global earth charter that promotes environmental responsibility throughout the entire company, and recognizes the need for comprehensive approaches to the effective use of resources and to the reduction of pollution and global warming.

For more than a decade, Toyota has pursued development of an "ultimate eco-car" that satisfies the needs of a mobile society and is friendly to both people and the earth. Toyota is the recognized leader in hybrid technology, having pioneered the world's first mass-produced gas/electric hybrid car, the Prius, which launched in Japan in 1997 a full two years before any other manufacturer. While hybrids remain at the forefront of Toyota's "ultimate eco-car" development, the company is researching and developing many alternative fuel and vehicle powertrains, such as fuel cell hybrid and plug-in hybrid vehicles. Beyond the vehicles themselves, Toyota's environmental commitment extends to every stage of producing and selling vehicles. For example, many of Toyota's manufacturing plants have achieved zero landfill, their Sales and Marketing headquarters campus in California has one of the largest commercial Gold LEED certified buildings, and their Vehicle Distribution Center in Oregon is not only Gold LEED certified, but has also received a "Salmon Safe" certification.

WWW.TOYOTA.COM

GLOBAL SPONSOR



The Barr Foundation is one of the largest family foundations in New England. It is guided by a vision for a vibrant, just, and sustainable world with hopeful futures for children. Barr's domestic work is centered on programs in education, climate, and arts and culture. Its goal in education is to close the opportunity gaps in Boston so that public school achievement is no longer predicted by demographics or address. Barr's environmental work is focused on mitigating climate change, helping Boston and Massachusetts become national models for reducing greenhouse gas emissions. In arts and culture, the foundation works to enhance the cultural vitality of Boston by strengthening mid-sized organizations and youth arts. Since 2010, the foundation has been exploring opportunities for global investments, and it has built a portfolio of projects, predominantly in rural areas in sub-Saharan Africa, Haiti, and India, that seek to improve the lives of children and families in poverty.

WWW.BARRFOUNDATION.ORG

GOLD LEVEL SPONSORS



The mission of The JPB Foundation is to enhance the quality of life in the United States through transformational initiatives that promote the health of our communities by creating opportunities for those in poverty, promoting pioneering medical research, and enriching and sustaining our environment.

WWW.JPBFUNDATION.ORG



Itron is a global technology company. We build solutions that help utilities measure, manage and analyze energy and water. Our broad product portfolio includes electricity, gas, water and thermal energy measurement and control technology; communications systems; software; and professional services. With thousands of employees supporting nearly 8,000 utilities in more than 100 countries, Itron empowers utilities to responsibly and efficiently manage energy and water resources.

WWW.ITRON.COM



From strategy to delivery, Deloitte combines cutting-edge creativity with trusted business, industry and technology acumen to deliver real business value through end-to-end solutions. Our alliance with Cisco can help create business value for clients through game changing smart city-based solutions. Deloitte's business domain expertise, business strategy, analytics and managed services, as well as full solution integration and delivery combined with Cisco's market leading technologies, IoT products and solutions, network analytics and deep technical relationships offers proven technology capabilities. Together, Deloitte and Cisco bring an integrated, fully aligned approach to infrastructure investment that never loses sight of broader business goals and plans.

WWW.DELOITTE.COM

SILVER LEVEL SPONSORS



The Technology & Civic Engagement team brings Microsoft's best assets to bear to help civic leaders—and the communities they serve—use technology and cutting edge ideas to solve their biggest challenges. With deep technical and policy expertise, the team is committed to building long-term partnerships in local communities and leveraging technology to make an impact on critical civic issues, such as computer science and STEM education, developing tools for greater citizen engagement, the effective use of big data, and privacy.

WWW.MICROSOFT.COM



The Annie E. Casey Foundation is one of the largest private foundations in the nation, with total assets (fair market value) at the end of 2010 at more than \$2.7 billion. The Foundation provides about \$122 million in grants each year and is ranked among the top philanthropies for charitable giving.

The Foundation's primary mission is to foster public policies, human services, and community supports that more effectively meet the needs of vulnerable children and families. Headquartered in Baltimore, Maryland, the Annie E. Casey Foundation has been working to promote the well-being of our nation's most vulnerable children for more than 60 years. Established in 1948 by UPS co-founder Jim Casey and his siblings in honor of their mother, the Foundation's first grants supported a camp for disadvantaged children near the Casey family home in Seattle.

Later, Jim Casey steered the Foundation's efforts toward finding more stable, permanent homes for children—reflecting his belief that the future chances of kids depend largely on what their parents and families are able to provide emotionally and financially. In pursuit of that goal, Jim Casey established programs throughout New England that later became Casey Family Services. Operating today as the Foundation's direct services agency, Casey Family Services works directly with families and child welfare professionals to ensure that every child has a safe, nurturing, and permanent family.

The agency has divisions in Connecticut, Maine, Maryland, Massachusetts, New Hampshire, Rhode Island, and Vermont. The Casey Foundation supports a diverse range of efforts designed to build better futures for millions of children at risk of poor educational, economic, social, and health outcomes.

These investment areas include:

- Designing and delivering services to secure and sustain lifelong family connections for children and youth
- Advocating for reforms in public human service systems to ensure that they operate effectively and efficiently to strengthen families

- Expanding social and economic security for families in poor communities
- Gathering and promoting the use of data as a tool for change

The Annie E. Casey Foundation makes grants that help states, cities, and neighborhoods create more innovative, cost-effective responses to these needs. Grant making is limited to initiatives in the United States that have significant potential to demonstrate innovative policy, service delivery, and community supports—especially investments that encourage long-term strategies and partnerships to strengthen families and communities.

WWW.AECF.ORG



With more than 100 years of service, Black & Veatch has helped clients improve the lives of people in more than 100 countries through consulting, engineering, construction, operations and program management.

Black & Veatch's Smart Integrated Infrastructure business supports the innovations of utilities and cities by establishing the foundation of all smart functions—we bring together physical infrastructure, communication networks and data analytics to infuse intelligence into systems. As a global leader in Critical Human Infrastructure, our technologies boost sustainability, resiliency, efficiency, economic health and cultivate new system-wide intelligence at utilities and along roadways, in cities and beyond.

WWW.BV.COM



Cubic Transportation Systems is a leading integrator of payment and information technology and services for urban transport networks. Every year, more than 24 billion transportation payment transactions are processed using Cubic systems worldwide. Cubic has delivered over 20 regional back office operations which together integrate over 450 transport operators and serve over 38 million people every day in major markets around the world, including London; Sydney and Brisbane, Australia; New York; Washington, DC; Los Angeles; San Diego; San Francisco; Chicago; Atlanta; Miami; Vancouver; Germany, and Scandinavia.

WWW.CUBIC.COM/TRANSPORTATION



As part of Wells Fargo's overall environmental commitment strategy, to accelerate the transition to a greener economy, we are supporting clean technology and renewable energy sources through lending and investment, within our operations and through our strategic philanthropy programs.

Part of our commitment includes a goal to give \$100 million to support environmental grants by 2020 that includes in 2014 the launch of an enterprise wide, new strategic philanthropy pilot program, the Wells Fargo Innovation Incubator—IN2. This program strings together our environmental commitment by leveraging our vast footprint, utilizing our environmental finance expertise, and deepening our relationship with key community partners to foster the development of emerging clean technologies that are critical components in building a more sustainable future.

WWW.WELLSFARGO.COM

THE KRESGE FOUNDATION

The Kresge Foundation is a \$3.5 billion private, national foundation that works to expand opportunities in America's cities through grantmaking and investing in arts and culture, education, environment, health, human services, and community development in Detroit.

In 2014, the Board of Trustees approved 408 awards totaling \$242.5 million. That included a \$100 million award to the Foundation for Detroit's Future, a fund created to soften the impact of the city's bankruptcy on pensioners and safeguard cultural assets at the Detroit Institute of Arts. A total \$138.1 million was paid out to grantees over the course of the year. In addition, our Social Investment Practice made commitments totaling \$20.4 million in 2014.

WWW.KRESGE.ORG



Robert Wood Johnson Foundation

For more than 40 years the Robert Wood Johnson Foundation has worked to improve health and health care. We are working with others to build a national Culture of Health enabling everyone in America to live longer, healthier lives.

WWW.RWJF.ORG



VREF, Volvo Research and Educational Foundation, is the collective name under which four foundations collaborate to invest in research and education. Since the turn of the Century, VREF has focused its investment in the Future Urban Transport Program (FUT) with currently ten Centers of Excellence in different parts of the world. The VREF investments have the purpose of contributing to new ideas and solutions within the complex structure that lies behind the design of mobility management and sustainable transportation systems in big cities. The challenge is to find urban transport systems that will provide accessibility for the masses while at the same time radically reducing transportation's negative local and global environmental impacts. A cornerstone of VREF policy is that the research that is financed shall aim to influence the development of transportation systems that are sustainable and accessible for all. Therefore, the connections to education, communication and stakeholders in each local environment are important aspects of planned research programs.

WWW.VREF.SE

BRONZE LEVEL SPONSORS



Cisco (NASDAQ: CSCO) is the worldwide leader in IT that helps companies seize the opportunities of tomorrow by proving that amazing things can happen when you connect the previously unconnected.

The concept of solutions being driven to address specific customer challenges has been with Cisco since its inception. Husband and wife Len Bosack and Sandy Lerner, both working for Stanford University, wanted to email each other from their respective offices located in different buildings but were unable to due to technological shortcomings. A technology had to be invented to deal with disparate local area protocols; and as a result of solving their challenge—the multi-protocol router was born.

Since then Cisco has shaped the future of the Internet by creating unprecedented value and opportunity for our customers, employees, investors and ecosystem partners and has become the worldwide leader in networking—transforming how people connect, communicate and collaborate.

WWW.CISCO.COM



The Internet of Things Talent Consortium is a coalition of powerhouse organizations that seek to disrupt the way we cultivate talent in a digital world.

Our mission is to accelerate the potential of IoT by shaking up educational models and reimagining the system for acquiring and developing talent through the workforce's needs and learners' career lifecycle. Our specific goals are to:

- Establish the standards for the next generation of IoT talent
- Be the go-to reference for IoT training and career development
- Accelerate a trained pool of individuals by growing an IoT talent development ecosystem
- Enable the matching of trained talent to job opportunities in the development ecosystem

WWW.IOTTALENT.ORG



AT&T helps millions around the globe connect with leading entertainment, mobile, high speed Internet and voice services. AT&T has invested in California's communications networks, people and local communities for 137 years. This investment drives innovation and opens up new possibilities for consumers and entrepreneurs. In California and across the nation, AT&T is empowering community connections that build a better tomorrow.

WWW.ATT.COM



Kaiser Permanente is committed to helping shape the future of health care. We are recognized as one of America's leading health care providers and not-for-profit health plans. Founded in 1945, Kaiser Permanente has a mission to provide high-quality, affordable health care services and to improve the health of our members and the communities we serve. We are trusted partners in total health, collaborating with people to help them thrive and creating communities that are among the healthiest in the nation.

WWW.KP.ORG/SHARE



PwC's global network of 180,000 audit and assurance, tax and consulting professionals help our clients resolve complex issues and identify business opportunities. Our reputation lies in building lasting relationships and delivering value in all we do.

PwC's professionals work with private and public sector organizations around the world to improve performance and profitability, build resilience, and enhance relationships with stakeholders from customers to investors to employees to citizens. During a time of increasing demand and diminishing resources, we are proud of our work helping State and Local governments to frame strategy and policy, to connect with citizens, plan and drive investments, and increase efficiency to promote long

term economic, environmental, social, and cultural prosperity. With a goal of achieving lasting results, our work supporting federal agencies includes helping to solve complex business issues and solutions to improve performance in areas including financial management; program management; human capital; enterprise effectiveness; governance, risk and compliance; and technology.

WWW.PWC.COM

ORACLE
**CONSTRUCTION AND
 ENGINEERING**

Oracle's Primavera is the leading global provider of cloud and on-premise Enterprise Project Portfolio Management (EPPM) solutions. EPPM leaders and executive stakeholders across all industries rely on Oracle's Primavera solutions to improve strategy execution, operations, and financial performance.

WWW.ORACLE.COM

noll&tam
 architects and planners

Noll & Tam Architects is a Berkeley-based architecture and planning firm that designs distinct spaces and buildings that support strong communities and workplaces. The firm has more than 30 staff creatively engaged in environmentally responsive design. Noll & Tam's goal is to make significant contributions to our community through our work.

Noll & Tam Architects' work reflects a dedication to the particular people and places that make our projects unique. Christopher Noll and Janet Tam founded the firm in 1992 to establish a talented studio of architects that pursued the ideal of active community involvement and environmentally responsive design. Today, we have more than 30 creative and energetic staff members, including 16 LEED Accredited Professionals.

Noll & Tam's acclaimed work in the planning and design of libraries, universities and community college facilities, civic buildings, and office environments illustrates our commitment to the people and buildings that make for strong communities. Our clients find their vision realized and expanded by the firm's careful attention to the integration of client objectives, end-user needs, and a creative exploration of the possibilities.

WWW.NOLLANDTAM.COM



Marin Clean Energy (MCE) was California's first Community Choice Aggregation program and started service in 2010. MCE, a local, not-for-profit, community based organization, partners with PG&E to provide electric service to the residents and businesses of Marin County, Unincorporated Napa County and the Cities of Benicia, El Cerrito, Richmond and San Pablo. PG&E continues to handle electric delivery, maintain power lines, read meters and send the monthly bill as they always have. MCE creates choice, where there was none before, by offering three new options for energy service: Light Green 50% renewable energy, Deep Green 100% renewable energy and Local Sol 100% local solar energy. Those who choose Light Green 50% renewable energy service save money on their monthly PG&E bill. In 2014, MCE customers saved approximately \$5.9 million through MCE. MCE also supports new local renewable development projects and new local programs, while also addressing climate change by reducing energy related greenhouse gas emissions and securing energy supply, price stability, energy efficiency and local economic and workforce benefits.

WWW.MCECLEANENERGY.ORG



The Lincoln Institute of Land Policy is the leading resource for key issues concerning the use, regulation, and taxation of land. Providing high-quality education and research, the Institute strives to improve public dialogue and decisions about land policy.

As a private operating foundation whose origins date to 1946, the Institute seeks to inform decision making through education, research, policy evaluation, demonstration projects, and the dissemination of information, policy analysis, and data through our publications, Web site, and other media. By bringing together scholars, practitioners, public officials, policy makers, journalists, and involved citizens, the Lincoln Institute integrates theory and practice and provides a nonpartisan forum for multidisciplinary perspectives on public policy concerning land, both in the U.S. and internationally.

WWW.LINCOLNINST.EDU



The California Endowment, a private, statewide health foundation, was established in 1996 to expand access to, quality health care for underserved individuals and communities, and to promote fundamental affordable improvements in the health status of all Californians. Headquartered in downtown Los Angeles, The Endowment has regional offices in Sacramento, Oakland, Fresno and San Diego, with program staff working throughout the state. The Endowment challenges the conventional wisdom that medical settings and individual choices are solely responsible for people's health. Through its 'Health Happens Here' campaign and ten-year initiative Building Healthy Communities, The Endowment is creating places where children are healthy, safe and ready to learn. At its core, The Endowment believes that health happens in neighborhoods, schools, and with prevention.

WWW.CALENDOW.ORG



The California Wellness Foundation is a private independent foundation created in 1992. The Foundation's Advancing Wellness grants program is designed to promote health equity through advocacy and access. Since its founding, Cal Wellness has awarded 8,265 grants totaling more than \$950 million.

WWW.CALWELLNESS.ORG



The Panta Rhea Foundation is guided by our vision for a just, equitable, democratic and sustainable society.

We envision a world where nature is valued and where creativity and the arts are integral to education and community life. We believe that lasting, authentic change must come from the grassroots; from the organized efforts of people and organizations to enliven the social imagination and envision a better future, to experiment with new ideas, and to hold elected leaders and corporations accountable to the communities they serve.

Our grantmaking programs support professional development for teachers, arts initiatives linked to civic engagement and work to build more just food systems.

WWW.PANTARHEA.ORG



In July 2000, several Half Moon Bay families, spearheaded by Lenny and Christine Mendonca, envisioned a family-friendly restaurant and brewery with drop-dead ocean views, great food, live music and dancing, and of course fresh onsite award winning beer. Since its inception, the Brewing Company has served the region's finest California Coastal Cuisine and award-winning hand crafted beers to more than one million hungry locals and tourists. We are a business that is dedicated to giving back to the community, supporting education and maintaining a pro-active environmentally-friendly stance. Since our inception, The Brewing Company has donated food, event sponsorships, gift certificates, products, and provides \$10,000 scholarships each year to students at Half Moon Bay High School.

WWW.HMBBREWINGCO.COM



SHANNON RIDGE

Family-owned and operated since 2001, we at Shannon Ridge are dedicated to creating a family of wines that consumers love at top-quality and affordable prices. Our fruit is grown in our Certified California Sustainable Vineyards in Lake County, California. We are passionate about preserving our land, not only for great vineyard sites, but for the wild creatures which share our property. Our sustainability practices integrate a flock of sheep that clean the vineyards, remove the excess canopy, and reduce the need for chemicals, while providing natural fertilizer. We currently produce Cabernet Sauvignon, Zinfandel, Petite Sirah, Barbera, Malbec, Tempranillo, Sauvignon Blanc, Chardonnay and Rose'.

WWW.SHANNONRIDGE.COM/OVISCYCLE

PARTNERS





SMART CITY START-UPS

SMART CITY START-UPS



Cityzenith's 5D Smart City™ platform maps and visualizes the torrent of data produced by modern cities to an intuitive real-time 3D simulation that anyone from the mayor to the engineer in the field can easily use. 5D Smart City™, enables users to manage and understand any data from a city or corporate campus via an intuitive, browser-based, and geospatially accurate 3D model. The platform sits on top of any IoT or Smart City technology stack as the user interface and top-layer management/analysis tool. The platform aggregates all solutions, systems, and data into a single common platform, providing insight into operational issues and service delivery through data analysis and management, presented in a way anyone can immediately understand. Smart Modules are applications running within the platform which deliver additional functionality to address particular industry and city government issues. They are provided as a paid subscription service on top of the core 5D Smart City™ platform.

WWW.CITYZENITH.COM



NUMINA
BY CTY

CTY makes Numina, a sensor system that collects real-time insights from streets. Numina harnesses computer vision on a deploy-anywhere device that mounts to light poles and can measure anything you can see—not just what, but also where, when, and behaviors. Numina does all processing on the device itself to provide intelligence without surveillance. In partnership with cities, Numina provides critical mobility data to urban planners and market insights to the private sector.

WWW.CTY.IO



At EcoReco, we would like to preserve the environment in a cool and fun way. We believe that rather than inheriting the planet from our ancestors, our generation is just temporarily borrowing it from future generations. Therefore, we promote acts of "green"-ness not due to the pursuing of self-importance but because it is the right and responsible thing to do. Our mission at EcoReco is to provide eco-friendly alternatives to today's energy-depleting, environment-threatening norms. We don't want to accomplish the mission relying on charities or government subsidies. We wish to build a self-sustainable business such that future entrepreneurs can be inspired and not afraid of joining the cause. We put our efforts to innovate, to develop, and to source the brightest ideas from around the world, and we also try to build the right business models to bring them directly to the end users. We work hard to make sure our products are both practical and affordable.

WWW.ECORECOSCOOTER.COM



Industrial/Organic is a waste management startup that builds a network of distributed, centralized recycling facilities to handle organic waste without odor and methane emissions in urban areas. In less than a week, we convert organic waste into pelleted biomass with applications in agriculture and other industries. Our model enables us to process waste closer to where it's generated, and on the backend have a high-value product that's reduced in weight and volume by 75% from the original waste material.

WWW.INDUSTRIALORGANIC.CO



Owlized produces tools for engaging public audiences on-location with virtual experiences that are relevant, powerful, and meaningful. We are the first company to focus on public-access virtual reality, and the first to have created the technology platform, sales channels, and logistics to enable this business focus. Our mission is to help humanity discover its past while working together to imagine and build a better future.

WWW.OWLIZED.COM



Raxar is a global thought leader and provider of the next generation of integrated, real-time mobile solutions based on context and sensor technologies. Clients are able to collect, manage and deliver detailed information associated with their assets in real time while utilizing a highly configurable solution. Raxar's proven solutions easily integrate and complement existing implementations further providing meaningful, standardized data that reduces costs, improves decision-making, and streamlines operational processes. We are driving the current paradigm to shift away from the relative homogeneity of the desk-bound personal computer. Mobile devices provide the means for collecting valuable information in real time while delivering the what, where, when, and how to whoever needs it. Our solutions are cloud based, secure, mobile, easy to use, highly configurable and offer real-time, context aware and sensor-driven intelligence.

WWW.RAXAR.COM



Savari, Inc. seeks to make the world's roadways smarter and safer by deploying advanced wireless sensor technologies and software for V2X environments to support a growing portfolio of intelligent transportation services. With more than 150 man-years of V2X learning and development and 15 million-plus miles per year of public testing, Savari is a leader in V2X technology. Savari is headquartered in Santa Clara, Calif., and has offices in Detroit, Mich., Munich, Germany, Seoul, Korea and Bangalore, India. The company is comprised of a core team of industry veterans from the automotive, semiconductor, software and telecommunications industries. Savari is partnering with automotive OEMs, system integrators, chipset vendors and industry groups like the U.S. Department of Transportation.

WWW.SAVARI.NET



SkyCool Systems is advancing a revolutionary technology that improves the efficiency of air conditioning and refrigeration systems. 15% of global electricity use is for cooling systems, with a rapid increase in demand expected by 2050, especially in cities around the developing world. Building on years of research breakthroughs at Stanford University, our product is a rooftop-mounted passive cooling panel that harnesses the cold of outer space. The panels are a simple add-on to existing air conditioning and refrigeration systems, and can reduce their electricity use as much as 40%. We are actively targeting markets with large cooling loads such as supermarkets and data centers. We are also excited by opportunities to enable zero net energy buildings. Come see our prototype in operation at our booth!

WWW.SKYCOOLSYSTEMS.COM

SMARTERBETTERCITIES



SmarterBetterCities is a fast growing 3D web startup based in California and Zurich, Switzerland and was founded in December 2012. They offer business-to-business solutions for municipalities, local governments, urban planners and architects. SmarterBetterCities is the creator of CloudCities an industry leading online platform for hosting, sharing and visualizing smart 3D city models.

WWW.SMARTERBETTERCITIES.CH



Swim.it Software empowers always-on streaming data cloud applications. Our mission is to enable realtime Smart IoT, M2M and Streaming Enterprise applications that need to consume vast and varied amounts of information from sensors and other data sources to be easily built, economically deployed and significantly more resource efficient. Our Swim software provides a runtime and programming platform for building stateful applications based on global actor model and a bi-directional streaming API. Swim.it is deployed today in a variety of applications including smart city, advanced transportation, conversational commerce and privacy awareness applications.

WWW.SWIM.IT

TRANSIT SCREEN

TransitScreen is a live transportation display—all transit types made instantly available. We help people make informed, sustainable decisions to improve quality of life in cities, with helpful information designed specifically for a location. Information about your transportation choices is displayed at a glance, live and in real-time. Compare train times to bus arrivals on your way to work in the morning. Know when your employee shuttle arrives so you aren't caught waiting in the cold. Grab another cup at the coffee shop while you wait for your streetcar. Catch a Lyft or an Uber instead of bikeshare when it's raining. The Company turns precious time into resources and opportunity. Our service is active in every major city in the U.S. and Canada, and European cities in 10 languages. TransitScreen is providing a live screen at the conference venue, showing real-time departure information for a variety of urban transportation choices including AC Transit, BART, ridesharing services, and conference transportation shuttles. In addition to getting information as you walk past the screen, you can also access it from anywhere using your computer or mobile device at

TRANSITSCREEN.IO/GO/MOTM



Wattz makes it easy for IoT companies to incorporate energy harvesting into their products. As the number of battery-powered IoT nodes continues to explode, sensor reliability and the cost of battery replacement is becoming an increasingly significant pain point for users. Harvesting small amounts of ambient light, thermal or vibrational energy to trickle-charge batteries in low-power sensors is now a viable solution, providing extra life or functionality in these devices. We are developing a range of energy harvesting hardware and battery-monitoring software solutions to reduce the pain of battery replacement in smart city and smart building applications.

WWW.WATTZ.IO

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