“I was thrilled to be at this Smart Cities gathering. I was able to connect with not only city officials, but vendors and thought leaders in this new space. It was truly a learning and sharing experience.”

Data Innovation Director,
City of New Orleans
OVERVIEW

By 2030, it is estimated that 66% of the world population will live in urban areas, this represents a massive challenge in how we build and manage cities but also provides a significant opportunity to improve the lives of billions of people. During the Smart Cities 2019 event, organizations and governments will learn how data analytics, new technologies and cyber and physical security systems will improve such things as city transportation, parking, water and waste management, energy usage and a variety of other infrastructure issues that result in the operation of cities and the overall lifestyle of urban citizens. We will specifically look at such things as:

- The collaboration of government and utilities
- How smarter healthcare can help create smarter cities
- Gathering, aggregating and analyzing data
- Developing connected intersections and smarter transit
- Improving public safety through emergency telehealth and navigation
- Growth in connected vehicle capabilities
- Greater real-time citizen interaction
- Linking autonomous vehicles with government sensors and networks
- Securing smart cities

LEARNING OUTCOMES

- Discuss what the next generation smart city will look like
- Assess the Smart City 3.0 philosophy
- Define stakeholder communities
- Discuss how to reach and collect information and data from stakeholders in all communities
- Determine ways to quantify user needs into measurable functional requirements
- Define the critical role of the utility and how it intersects with all aspects of everyday life
- Best practices and lessons learned by community/city leaders
- Examine the future of advanced modes of transportation, including autonomous vehicles, dockless bikes and scooters
- Determine how the next-generation of wireless technology will be deployed
- Define smart urbanization and integrate intelligent transport and infrastructure
- What constitutional challenges are created by the FCC Orders; how are local utilities affected and how should municipalities respond?
- Examine “smart parking” initiatives for cities
- Discuss ways in which utilities and smart cities can collaborate together

“Great event offering quality content leading to excellent knowledge and personal development.”

CEO, Amnick

“This conference was an effective use of time to learn more about smart cities.”

Vice President Operations,
Nashville Electric Service
WHO SHOULD ATTEND

- Government Policy Makers & Managers
- Mayors and Municipal Leaders
- Urban Planning Professionals
- Telecommunication Companies
- Electric, Water and Gas Utilities
- Developers and Construction Companies
- Electric Vehicle and Transportation Companies
- Vehicle Manufacturers
- Public Transportation Organizations
- Financial and Investment Professionals
- Smart Grid Executives
- Communication Technology Providers
- Big Data & Analytics Companies
- IT and Technology Companies
- Standards and Regulatory Organizations
- Industry Associations

Job Titles by Industry

From Cities, Counties, State, Country Governments:
- Chief Information Officers
- Chief Technology Officers
- Chief Planning Officers
- Chief Innovation Officers
- Chief Sustainability Officers
- Government Leaders (Mayors, Governors, City Officials, Council Presidents)

VPs/Directors & Heads of:
- Planning
- Economic Development
- Partnership Development
- Smart Technology
- Technology
- IT
- Area Development
- Engineering
- Smart Cities
- Sustainability
- Department of Public Works

From Utilities (Electric, Water, Gas):
- VPs/Directors & Heads of:
  - Smart Grids
  - Smart Metering
  - Smart Street Lighting
  - Energy Acquisition, Engineering & Planning
  - Grid Reliability
  - Reliability & Resiliency
  - Renewable Energy
  - Generation Systems
  - Data & Analytics / Big Data
  - Sustainability
  - IoT

From Communication Providers:
- VPs/Directors & Heads of:
  - Strategy
  - Partnerships
  - Data & Analytics
  - Business Intelligence
  - Partnerships
  - Marketing
  - Corporate Development
  - IoT

From Enterprise Organizations – SUCH AS: Hospitals & Health Services, Education (K12 and Higher Ed), Waste Management, Transportation, Manufacturing, Public Admin:
- VPs/Directors & Heads of:
  - Technology
  - Cloud Computing
  - IoT
  - Data & Analytics Engineering
  - Planning
  - Innovation
  - Smart City Development
  - Site Selection
  - Engineering
  - IT
  - Big Data

From Service & Solutions Providers:
- VPs/Directors & Heads of:
  - Marketing
  - Business Development
  - Planning
  - Innovation
  - Smart City Development
  - Engineering
  - Consulting
  - Strategy

SPONSORSHIP OPPORTUNITIES

Do you want to drive new business through this event’s powerful audience? Becoming a sponsor or exhibitor is an excellent opportunity to raise your profile before a manageably sized group of executives who make the key purchasing decisions for their businesses. There is a wide range of sponsorship opportunities available that can be customized to fit your budget and marketing objectives, including: Platinum, gold, or VIP sponsor, Reception host, Networking break host, Tabletop exhibit, Workshop sponsor, Lanyard sponsor, Luncheon host and Breakfast host.

If you’d like to sponsor the Smart Cities 2019 Conference, please contact Amanda Jorgensen at ajorgensen@euci.com or 561-372-4033 for more information.
THURSDAY, AUGUST 15, 2019

12:00 - 12:30 pm  Conference Registration

12:30 - 12:45 pm  Chairperson’s Opening Remarks

12:45 - 1:30 pm  Smart City 3.0: The Next Generation Smart City
While Smart City 1.0 is driven by technology and Smart City 2.0 is government led; in Smart City 3.0 the public becomes the most important stakeholder with the government acting as a facilitator. The most successful Smart Cities in the future will come from developing a better understanding of people’s changing lifestyles; puts people at the beginning of the design process and allows smart technology to support the proposed changes. A well applied Smart City 3.0 effort typically will not only satisfy the three pillars of sustainability: protect the natural environment, enhance human quality of life while maintaining fiscal prudence; but also, be scalable and repeatable. In this session, we will discuss how the next generation of Smart City 3.0 should be applied using a stakeholder-based model in order to drive social change, eliminate objections, minimize design errors while ensuring technology is properly applied to the development of the city. We will look at such things as:

- What the next generation smart city will look like
- The Smart City 3.0 philosophy
- Define stakeholder communities
- Learn how to reach and collect information and data from stakeholders in all communities
- Determine ways to quantify user needs into measurable functional requirements
- Create a test plan and build a project lifecycle plan
- Maintain compliance with the three pillars of sustainability

Dominic Papa | Executive Director | Institute for Digital Progress

1:30 - 2:15 pm  Understanding the Role of Utilities in a Smart City
Once we understand the fabric of what makes a city smart, we must then define the critical role of the utility and how it intersects with all aspects of everyday life so we can fully appreciate the responsibility power companies have to smart city initiatives. In this session we will examine:

- The challenges of grid transformation, from resource planning to ongoing maintenance and support
- Determining what other technologies utilities should consider in laying out a roadmap for a smarter energy future and smart cities
- Understanding the responsibility to the community and customer benefits in your decision-making process
- Creating collaborative partnerships with local/regional governments, telecommunication companies and other organizations
- Embracing technologies and applications that will disrupt the current environment
- Grabbing the opportunities smart cities will provide to utilities through such things as electric vehicles, LED/Smart Streetlighting, solar host programs and energy storage, etc.

Carrie Kelly | Smart Services Implementation Manager | Georgia Power Company

2:15 - 3:00 pm  Won’t You Be My Neighbor – Sharing and Collaborating with Other Cities to Bring the Best to Yours
Many governments have rules that state they are unable to work with a vendor if they’ve allowed them to run a pilot program in their city; because of that, many cities are hesitant to be the “guinea pig” while they are in the process of changing these rules as they develop their smart cities projects. One of the best ways for all cities to benefit is to share and collaborate with one another so that not only can Smart City 3.0 be a reality, but so can Smart Country 3.0. This interactive discussion-based session will share best practices and lessons learned by community/city leaders.

Scott Turnbull | Director of Technology | US Ignite
AGENDA

THURSDAY, AUGUST 15, 2019 (CONTINUED)

3:00 - 3:15 pm  Afternoon Break

3:15 - 4:15 pm  Smart Mobility of the Future: Advancing Modes of Transportation
• Examining the future of advanced modes of transportation, including autonomous vehicles, dockless bikes and scooters
• Determining the role of shared mobility companies in future cities
• Identifying new high-speed, cheap travel
• Understanding the need to ease traffic congestion while providing people with the means to get from point A to point B

Jay Kim | Assistant General Manager | Los Angeles Department of Transportation
Dominic Papa | Executive Director | Institute for Digital Progress
Karina Ricks | Director | City of Pittsburgh Department of Mobility and Infrastructure

4:15 - 5:00 pm  5G: The Next Level of Connectivity for Cities
5G is coming! It promises to be faster, cheaper and better than its predecessors as it unites wireless, wireline and satellite services under a common structure. This session will look at:
• What cities of the future will look like when buildings, cars, people and other items like devices, appliances, etc. can communicate with each other?
• How augmented and virtual reality applications can be used in the development of smart cities
• Determining how the next-generation of wireless technology will be deployed
• What 5G deployment means for communities and cities of today and tomorrow

Michael Peques | Chief Information Officer | City of Aurora Illinois

5:00 - 5:45 pm  Smart Santa Clara: Improving the Quality of Life and Community Through Technology and Innovation

Guarav Garg | CIO | City of Santa Clara

5:45 - 6:00 pm  Chairperson’s Day One Closing Remarks

6:00 pm  Main Conference Day One Adjourns

FRIDAY, AUGUST 16, 2019

7:30 - 8:00 am  Continental Breakfast

8:00 - 8:15 am  Chairperson’s Opening Remarks

8:15 - 8:45 am  Effectively Utilizing Data & Analytics to Improve Your Communities
Building the culture of data sharing and analysis from the inside out – from City staff to the community – is the next step in the New Orleans digital equity process. We have been doing this through a number of channels: open data, user-friendly and platform agnostic apps, interactive visualizations and in-person training.

Whitney Soenksen | Data Innovation Manager | City of New Orleans
FRIDAY, AUGUST 16, 2019 (CONTINUED)

8:45 - 9:15 am  **Transportation Design for the Future: Intelligent, Digitalized, Disruptive and Smart Transportation Business Models**
- Outlining what transport and infrastructure systems will need to cope with rising demand
- Driving economic growth with advanced transportation infrastructure
- Harnessing disruptive mobility through policy and regulation
- Defining smart urbanization and integrating intelligent transport and infrastructure
- Providing economic growth and effective, efficient public services through digital technologies
- Distributing smart projects and capitalizing on technology
- Examining electric vehicle expansion, advancing automation, and human and machine interaction
- Enabling microtransit strategies
- Complementing urban livability, sustainability and connectivity with smart mobility and the digitization of networks
- Pioneering smart strategies to disrupt and enhance mobility and the entire transportation industry

*Jerry Tinianow | Former Chief Sustainability Officer | City and County of Denver*

9:15 - 9:45 am  **Examples of Digital Inclusion Within Smart City Strategies**
The cost of broadband service and a lack of digital skills keeps our most disadvantaged community members from engaging in smart city initiatives. Despite best intentions, digital divides can exacerbate existing equity gaps - economic, civic, health and education. Local government and community leaders are tackling this challenge head on. They will share their strategies, lessons learned and greatest challenges.

*Angela Siefer | Executive Director | National Digital Inclusion Alliance*

9:45 - 10:30 am  **New Federal Cell Tower Rules for Municipalities**
Smart Cities require significant bandwidth support. Recent FCC Orders, several of which conflict with state laws, have significantly reduced local control to regulate small cell distributed antenna systems and public rights-of-ways that will eventually support 5G deployment. What Constitutional challenges are created by the FCC Orders; how are local utilities affected and how should municipalities respond?

*Devin Mackinder | Director of Technology Services | City of Portage, MI*

10:30 - 10:45 am  **Morning Break**

10:45 - 11:30 am  **Smart Parking: The Changing Face of Parking in Tomorrow’s Smart City**
Many cities and communities have been pushing residents and commuters away from using personal vehicles through the increase use of shared rides and other modes of transportation. In many cities and communities, it is feasible to live life without a car, so much so, that parking minimums and mandates are changing in many places. This session will discuss ideas for new uses of individual parking spaces and unveil potential opportunities for existing inventory of parking lots, buildings and garages. We will also examine “smart parking” initiatives for cities that do not or cannot create the infrastructure to eliminate personal cars for their citizens.

*Karina Ricks | Director | City of Pittsburgh Department of Mobility and Infrastructure*
FRIDAY, AUGUST 16, 2019 (CONTINUED)

11:30 am - 12:15 pm  Advancing Clean Air and Climate Change Goals Today Through Sustainable Transport
- Understanding how emissions from mobile sources affect urban environment and global climate
- Recognizing public health impact from heavy-duty transit and freight movement
- Detailing affordable, immediate, and commercially-available opportunities to address positive change
- Evaluating what cities across the globe are doing to make advances today
- Examining benefits of natural gas vehicles and renewable natural gas (biomethane) fuel as part of the solution
  
  Daniel Gage | President | NGVAmerica

12:15 - 1:15 pm  Group Luncheon

1:15 - 2:00 pm  The Genesis of a Smart City
As a pioneer municipally-owned fiber community, Lafayette, Louisiana has always led the charge for innovation. Working with the University of Louisiana at Lafayette, the second largest university in Louisiana and among the nation’s leaders in computer science, Lafayette is also a US Ignite city. By leveraging fiber with on-the-job workforce development in the tech industry, Lafayette’s leaders have put in motion Smart City initiatives that engage and connect citizens through innovative public-private partnerships. Cities of any size can learn from this example of smart, efficient resource management and implementation of cross-domain solutions.
  
  Joel Robideaux | Mayor-President | Lafayette Consolidated Government

2:00 - 2:45 pm  Smart Cities Keep the Power on Through Collaboration
As utilities grow their roles in smart city initiatives, they first need to focus on the build-out of core assets and capabilities, emphasizing their advantage as incumbent network owners and operators, to find opportunities to get more out of the utility energy network. In this session, we will discuss ways in which utilities and smart cities can collaborate together in a stronger, more effective and resilient manner, and will discuss issues such as:
- Getting more out of the utility energy network
- Adding automation and controllability to water heaters and street lights
- Reducing costs and minimizing risk while improving services in smart city initiatives
- Leveraging utility assets (such as data and ICT resources) to enable non-energy initiatives
- Expanding into new areas such as transportation and customer/citizen engagement
  
  Ryan Trujillo | Innovation & Sustainability Manager | City of Colorado Springs

2:45 - 3:30 pm  Building a More Responsive City
Relying on its residents to report issues have caused governments to react slowly or not at all due to under/non-reporting. The move towards a smart city changes this dynamic between governments and residents as we utilize new sensing technologies to more effectively and equitably deliver services. In this session, we will discuss the deployment of connected IoT technologies, data sharing and the use of analytics and machine learning. We will also examine what and how governments will better understand the performance of its infrastructure and the health and safety of its neighborhoods.
  
  Travis Cutright | Chief Information Officer | City of Mesa

3:30 - 3:45 pm  Afternoon Break
### AGENDA

**FRIDAY, AUGUST 16, 2019 (CONTINUED)**

<table>
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<tr>
<th>Time</th>
<th>Session Description</th>
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| 3:45 - 4:30 pm| **Improving Real-Time Mobility Information for Efficient Commuting**
As autonomous vehicles develop and shared models continue to grow in significance, transport planners are challenged to keep up with that momentum. They face greater integration of service, information and payment methods, while citizens look for the fastest and cheapest ways to get from place to place. In this session, we will look at:
- How can public transit organizations seize opportunities provided by new models?
- How can mobility experiences be improved?
- Is it possible to foster innovation and entrepreneurship for greater efficiency?
- Who takes the lead?  
  *Jay Kim | Assistant General Manager | Los Angeles Department of Transportation*

| 4:30 - 5:00 pm| **Smart Sourcing – Get Your Technology Procured!**
City leaders continue to create ambitious roadmaps and plans to utilize technology to make cities safer, more livable and more efficient. Often one of the stumbling blocks is procurement. Most public procurement was designed for commodities and construction projects and does fit innovation and technology. But there are ways to effectively, and quickly, evaluate choices and stay within the goals of transparency and fairness in public procurement. This session will cover
- Different procurement options for technology- cooperative, piggybacking etc.
- Outcome driven procurements
- The shift from capital to operating expense
- Different processes and methods to speed up or avoid the RFI/RFP process.
  *Andrew Watkins | President & COO | Marketplace.city*

| 5:00 - 5:15 pm| **Chairperson's Closing Remarks**

| 5:15 pm      | **Main Conference Adjourns**

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“After my first session, I got on the phone and initiated two new ideas because of what I learned.”

Economic Development Director, City of Bend
PRE-CONFERENCE WORKSHOP

Smart Buildings, Smart Infrastructure and Smart Cities = The Trinity of the IoT Ecosystem

THURSDAY, AUGUST 15, 2019

7:30 – 8:30 am  Workshop Registration & Continental Breakfast
8:30 – 11:30 am  Workshop Timing

OVERVIEW

This interactive workshop will be divided into two parts to examine what it really takes to become a smart city and how smart buildings play a role. We will look at what governments need to start doing and how smart buildings in a smart city will also affect utilities.

AGENDA

Part I: Journey Towards a Smarter City
The goal of becoming a Smart City is a journey that requires fundamental and transformational approach. The presentation will cover a platform strategy approach along with reviewing multiple Smart City applications for an end-to-end seamless integration of ICT towards a City infrastructure. The output of the presentation is to provide the audience information on driving discussion on developing a Smart City vision and specific short- and long-term needs for the City and its citizens.

*KJ Chugh | Head of Smart City Sales | Atos North America*

Part II: Smart Buildings – Not just a Property, but a Place
You cannot have a smart city without smart buildings. Buildings are the core of cities yet are often left out of many conversations about what a smart city looks like or how we get to them. During this workshop, we will contemplate buildings as more than just Properties but as entities that can become destination Places. These Places are built through data from core building information, live building systems, sensors and “people-generated” information like work requests and comments, with artificial intelligence and machine learning technologies to help make buildings truly “smart.” These smart buildings are comfortable, efficient and so much that this workshop will unveil through discussion of data sources, vendors, partnerships and more.

*Cleve Adams | CEO | Site 1001*
INSTRUCTIONAL METHODS
The conference will include case studies, PowerPoint, and classroom exercises.

REQUIREMENTS FOR SUCCESSFUL COMPLETION
Participants must sign in/out each day and be in attendance for the entirety of the conference to be eligible for continuing education credit.

IACET CREDITS
EUCI has been accredited as an Authorized Provider by the International Association for Continuing Education and Training (IACET). In obtaining this accreditation, EUCI has demonstrated that it complies with the ANSI/IACET Standard which is recognized internationally as a standard of good practice. As a result of their Authorized Provider status, EUCI is authorized to offer IACET CEUs for its programs that qualify under the ANSI/IACET Standard.

EUCI is authorized by IACET to offer 1.3 CEUs for the conference, 0.3 CEUs for the workshop

EVENT LOCATION
A room block has been reserved at the Hyatt Regency DTC, 7800 East Tufts Avenue Denver, CO 80237, for the nights of August 14-15, 2019. Room rates are US $159 plus applicable tax. Call 1-303-779-1234 or visit this link for reservations and mention the EUCI event to get the group rate. The cutoff date to receive the group rate is July 24, 2019 but as there are a limited number of rooms available at this rate, the room block may close sooner. Please make your reservations.

REGISTER 3, SEND THE 4TH FREE
Any organization wishing to send multiple attendees to this conference may send 1 FREE for every 3 delegates registered. Please note that all registrations must be made at the same time to qualify.
REGISTRATION INFO

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WWW.EUCI.COM
p: 303-770-8800
f: 303-741-0849

PLEASE SELECT

- **BUNDLE PRICE: SMART CITIES 2019 CONFERENCE AND PRE-CONFERENCE WORKSHOP:** AUGUST 15-16, 2019: US $1795
  - Early bird on or before July 26, 2019: US $1595

- **SMART CITIES 2019 CONFERENCE ONLY**
  - AUGUST 15-16, 2019: US $1395
  - Early bird on or before July 26, 2019: US $1195

- **PRE-CONFERENCE WORKSHOP ONLY: UTILIZING BLOCKCHAIN IN SMART CITIES**
  - THURSDAY, AUGUST 15, 2019: US $595
  - Early bird on or before July 26, 2019: US $495

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EVENT LOCATION

A room block has been reserved at the Hyatt Regency DTC, 7800 East Tufts Avenue Denver, CO 80237, for the nights of August 14-15, 2019. Room rates are US $159 plus applicable tax. Call 1-303-779-1234 or visit this link for reservations and mention the EUCI event to get the group rate. The cutoff date to receive the group rate is July 24, 2019 but as there are a limited number of rooms available at this rate, the room block may close sooner. Please make your reservations.

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ENERGIZE WEEKLY

Energize Weekly is EUCI’s free weekly newsletter, delivered to your inbox every Wednesday. We provide you with the latest industry news as well as in-depth analysis from our own team of experts. Subscribers also receive free downloadable presentations from our past events.

Sign me up for Energize Weekly

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Substitutions & Cancellations
Your registration may be transferred to a member of your organization up to 24 hours in advance of the event. Cancellations must be received on or before July 12, 2019 in order to be refunded and will be subject to a US $195.00 processing fee per registrant. No refunds will be made after this date. Cancellations received after this date will create a credit of the tuition (less processing fee) good toward any other EUCI event. This credit will be good for six months from the cancellation date. In the event of non-attendance, all registration fees will be forfeited. In case of conference cancellation, EUCI’s liability is limited to refund of the event registration fee only. For more information regarding administrative policies, such as complaints and refunds, please contact our offices at 303-770-8800.

EUCI reserves the right to alter this program without prior notice.

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How did you hear about this event? (direct e-mail, colleague, speaker(s), etc.)

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Job Title

Company

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