



CONNECT ATL

A SUMMIT ON THE FUTURE OF MOBILITY

TAKEAWAYS



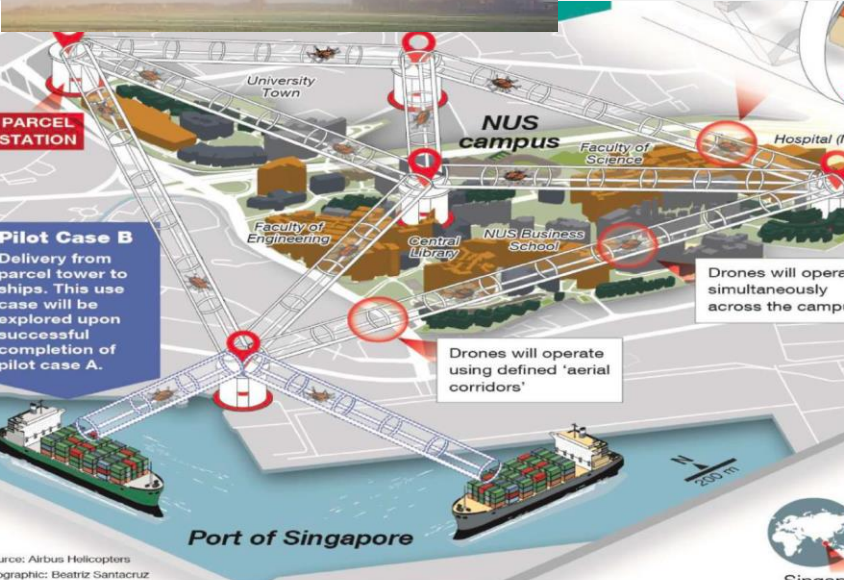
Leslie S Caceda

Lcaceda@atlantearegional.org

THE FUTURE IS HERE



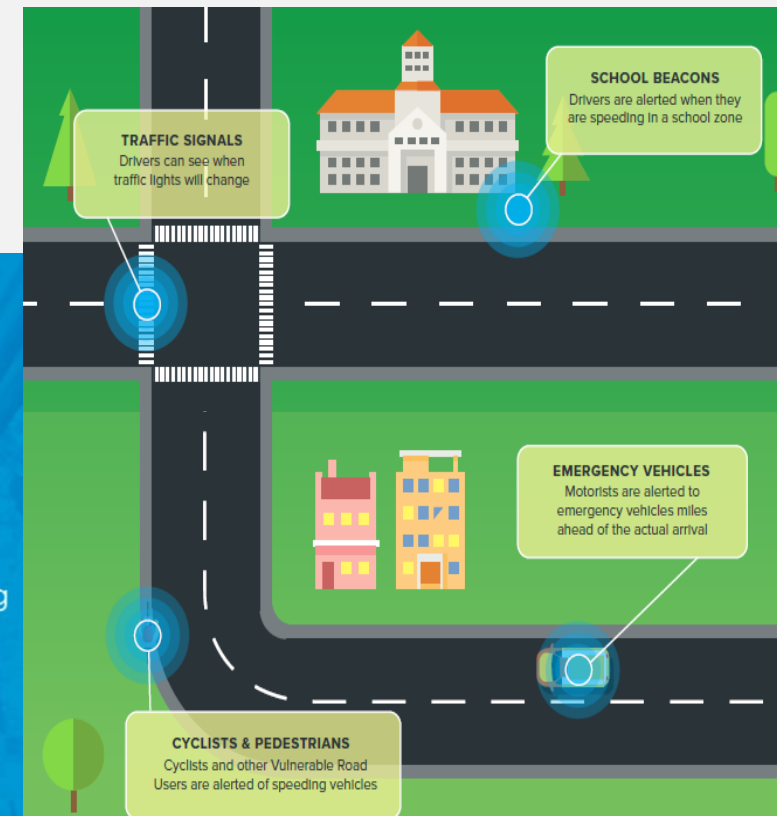
**OUR CITY AS LIVING
LABORATORY.
TEST, LEARN, ITERATE.**



**“Because age
shouldn’t slow
anyone down.”**

– Foundation for Senior Living

LetsTalkSelfDriving.com



PURPOSE

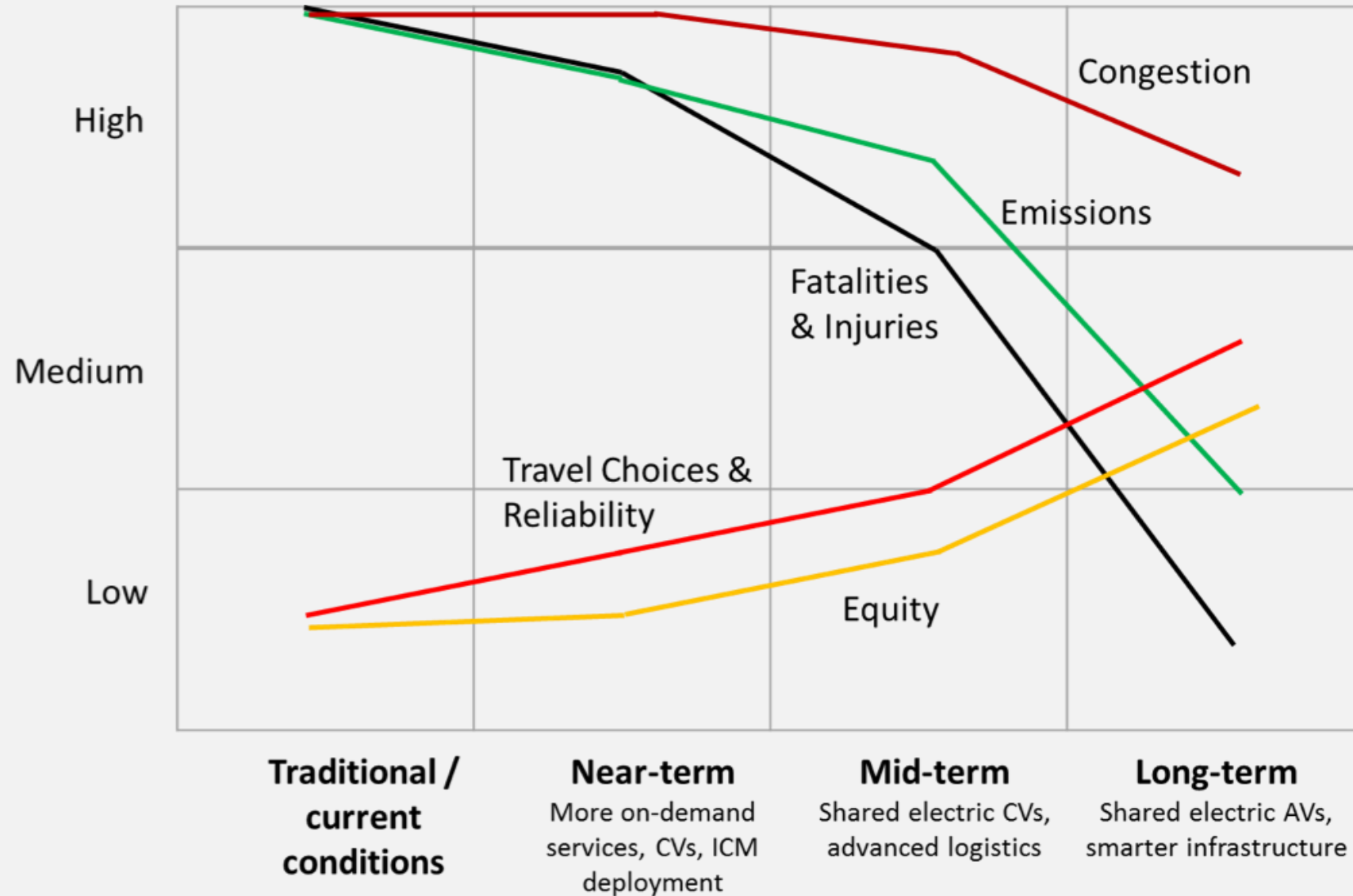
“The advent of autonomous cars is one of the most exciting developments ever to happen to cities—and if mayors collaborate with one another, and with partners in the private sector, they can improve people’s lives in ways we can only imagine today.”

Michael Bloomberg
Philanthropis and
Three-term New York City Mayor

PURPOSE

1. Who owns the data?
2. Who will be driving?
3. How will transit be impacted?
4. How will deliveries be made?
5. How equitable will the system be?
6. How many more trips will be taken?
7. What will our communities look like?
8. How will the natural environment be impacted?
9. What will the role of DOT's, Public Works Depts., MPO's, etc. be?
10. How will the relationship between public and private sector evolve?

PURPOSE



WHO



Over 300 People

10 Exhibitors

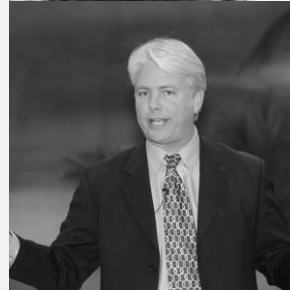
11 Sponsor Agencies

25 Volunteers

36 Speakers

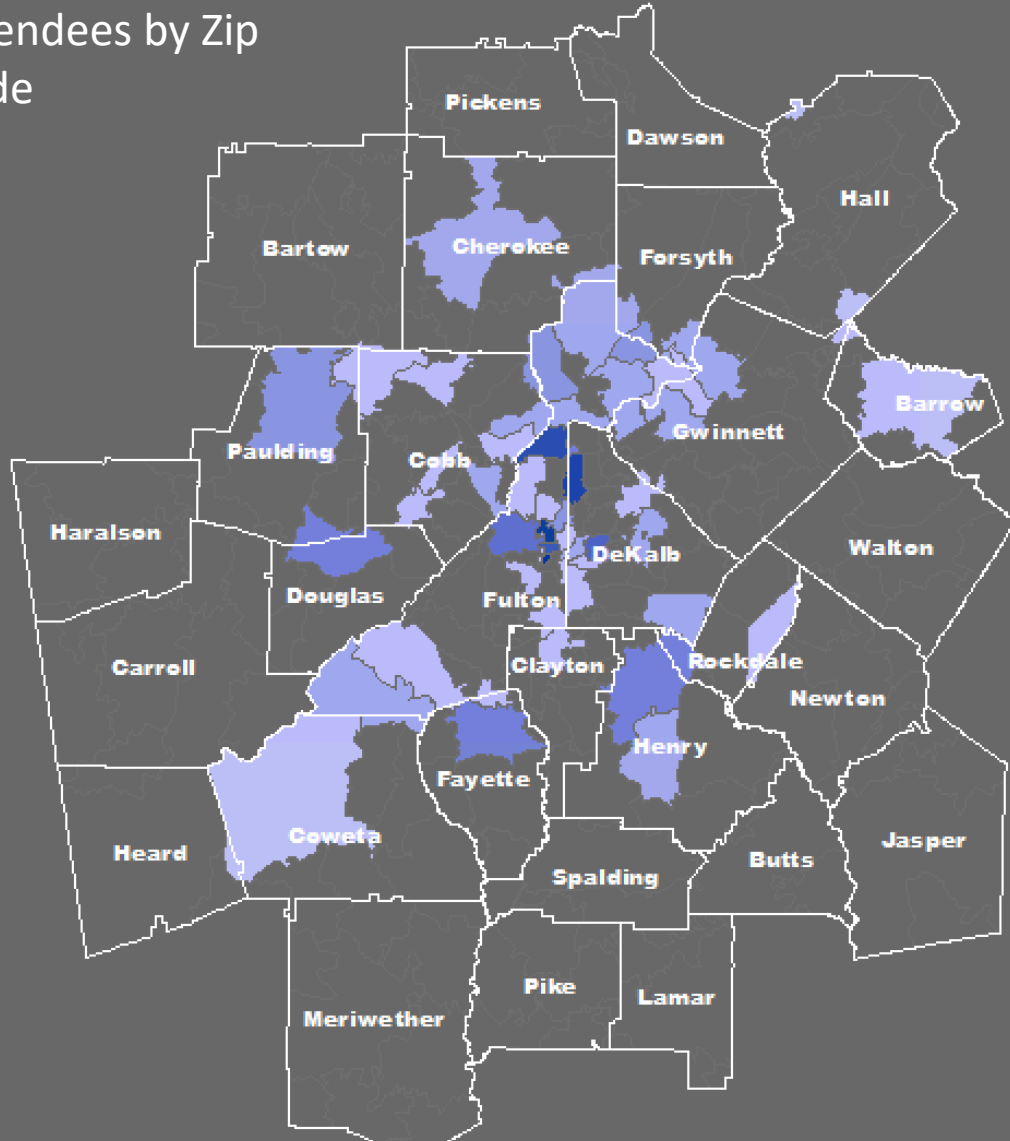
118 Industry Leaders

152 Local Gov't/Transit Agency/Non-Profit Org.

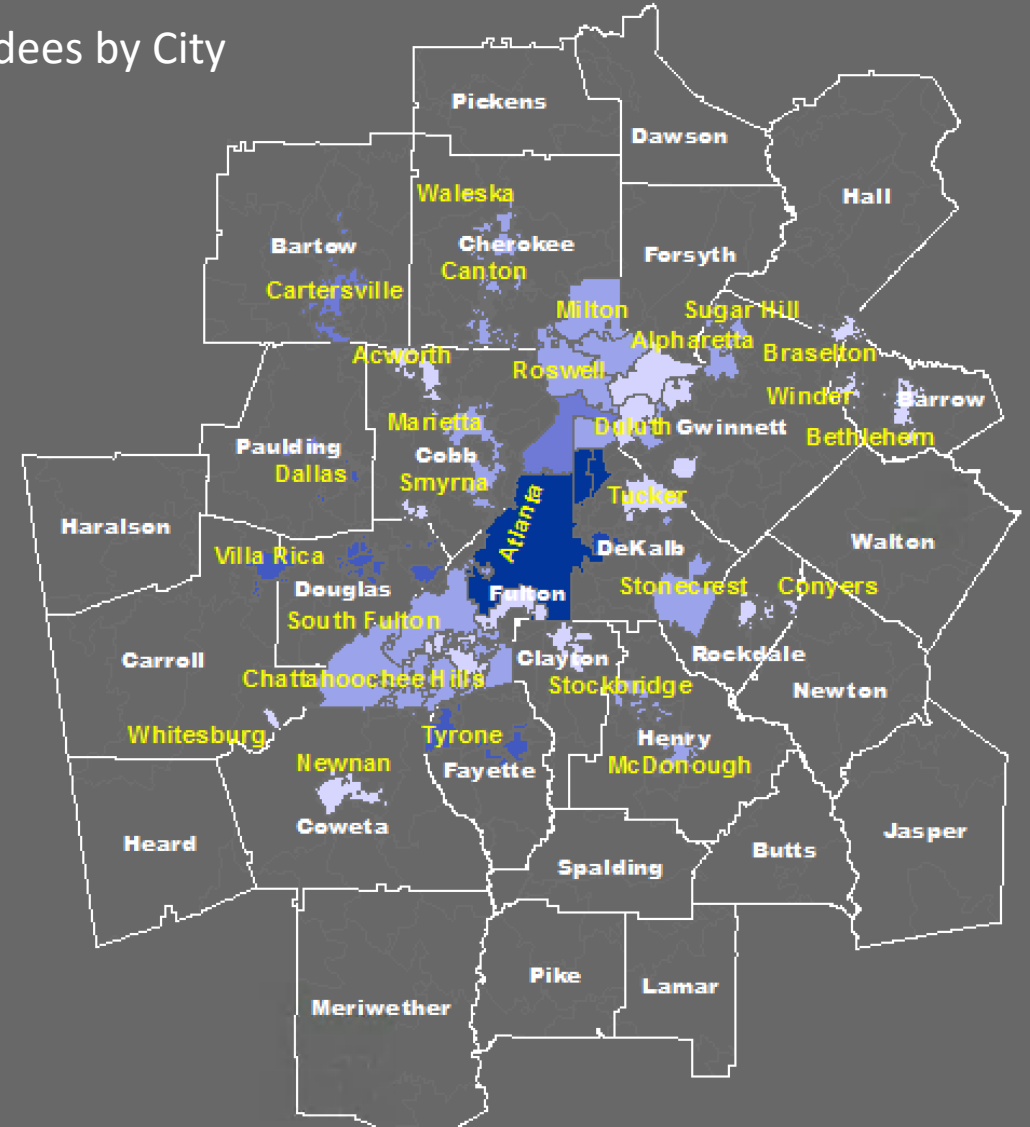


WHO

Attendees by Zip
Code



Attendees by City



WHO

Sponsors



ATKINS

Member of the SNC-Lavalin Group

ACEC Georgia
AMERICAN COUNCIL OF ENGINEERING COMPANIES OF GEORGIA
THE BUSINESS OF ENGINEERING


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AIRBUS
AERIAL

 **TAG**
Technology Association
of Georgia

 **GEORGIA
MUNICIPAL
ASSOCIATION**

 **ARCADIS** | Design & Consultancy
for natural and
built assets


CAMBRIDGE
SYSTEMATICS

SIEMENS
Ingenuity for life

Cox
AUTOMOTIVE™

Exhibitors

DU PONT®

DOW®


FUTURUS

Participatory
Publics
Lab

PTV **GROUP**
the mind of movement

THE

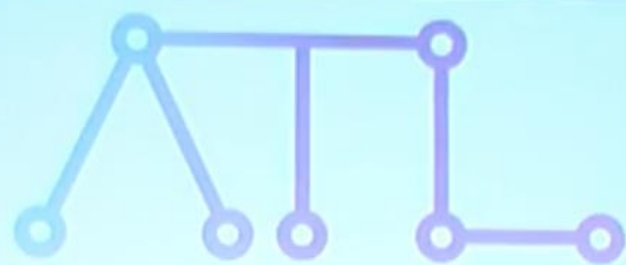
Let's drive the future.

GRIDSMART®
TRAFFIC CONTROL FREAKS


Cloud Parc

miovision
rethink traffic

Georgia Tech **Center for
Urban Innovation**
Ivan Allen College of Liberal Arts



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ABB

ATKINS



Trends

1. IT'S NOT JUST CARS
2. FREIGHT MAY BE FIRST TO AUTOMATE
3. IN THE AUTONOMOUS FUTURE, TRANSIT REMAINS KEY
4. EQUITY CONSIDERATIONS SHOULD BE PART OF THE PLANNING PROCESS
5. USE THE TECHNOLOGY...OR RISK LETTING IT USE YOU
6. GET READY TO MOVE BEYOND THE ONE-PERSON, ONE-CAR MODEL
7. SMART TECHNOLOGY CAN HELP EVEN THE PLAYING FIELD
8. IN THIS NEW WORLD, DATA SECURITY IS PARAMOUNT

Keynote + Visionary Panel

- Equitable Community
- Vision
- Innovation
- Sustainability is key
- Curb Space will become valuable

KEYNOTE SPEAKER



MAYOR ANDREW GINTHER

City of Columbus

Mayor Andrew J. Ginther was elected the 53rd mayor of the City of Columbus on Nov. 3, 2015.

In his first year in office, the City was awarded the U.S. Department of Transportation's Smart City Challenge Grant, making Columbus America's "smart city." Mayor Ginther believes that transportation is the great equalizer and by providing reliable, consistent transportation options, all residents have access to ladders of opportunities for jobs, education and healthcare.

Mayor Ginther earned a Bachelor of Arts Degree in political science from Earlham College, and served in consecutive internships at the Carter Presidential Center in Atlanta.

VISIONARY PANEL



WENDY WISE *moderator*

Technical Director of Emerging Technologies at CNN

Turner Broadcasting System (TBS)



FAYE DIMASSIMO

Renew Atlanta General Manager
City of Atlanta



PAUL BRUBAKER

President & CEO
Alliance for Transportation Innovation



JOE GEORGE

Senior Vice President,
Manheim Vehicle Advantage
Cox Automotive



JOHN HIBBARD

Operations Division Director
Georgia Department of Transportation



TOM PAVLAK

Founding Partner
Autonomous Vehicle Alliance / POCO Labs

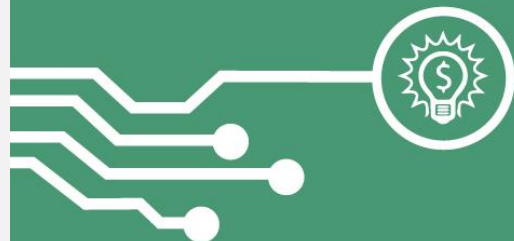
Breakouts

COMPETITIVE ECONOMY

Transportation tech economy and what it means to local government

From original equipment manufacturers (O.E.M.s) to startups, Atlanta's automotive and tech economy is growing. Join in a dialogue to learn about the shifting transportation technology landscape and the opportunities for public private collaboration.

1. Are there tech companies in Atlanta working on connected vehicle solutions?
2. Are OEMs in Atlanta working with local transportation tech start-ups?
3. What can local governments do to entice tech companies into your jurisdiction?
4. How can companies and local governments best partner to test technologies?
5. What is the employment landscape in metro Atlanta by the numbers?
6. How can we make the best out of public-private partnerships?



- Tech Literacy
- Anonymized Data
- Applications of drone technology
- Machine Learning



PAM NEUMAN *moderator*

Senior Sales Executive

ABB's Enterprise Software Product Group



KIRK TALBOTT

Executive Director

Smart City ATL



TOM CUNNINGHAM

Chief Economist

Metro Atlanta Chamber



NICK WAYNE

Director, Business Development

Airbus Aerial



NICK JULIANO

Public Affairs Manager, Southeast

Uber

Breakouts

- V2X Deployment
 - PP3 can be for Transit too
 - Autonomous Vehicles
- don't address all
- transportation issues
- Connected Vehicle Tech
- can address transportation
- Issues

WORLD CLASS INFRASTRUCTURE

Investing in smart infrastructure

It can be tough to find funding to keep existing infrastructure in a state of good repair. What strategies can our communities use to procure and maintain new smart infrastructure?

1. What opportunities do up-and-coming technologies present for better managing mobility in our communities?
2. How can policies shape future funding opportunities?
3. How can public-private partnerships help move the needle faster?
4. What do I do about data?



DENISE QUARLES *moderator*
Chief City Executive
Siemens



CHRIS ARMSTRONG
CityNOW Director of Smart Mobility
Panasonic



BRANDON BEACH
Georgia State Senator
District 21



ANDREW HEATH
State Traffic Engineer
Georgia Department of Transportation

Breakouts

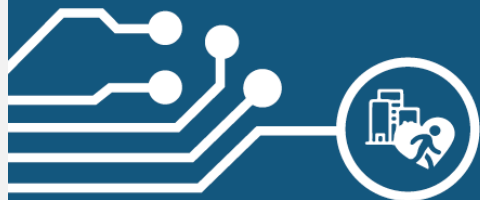
- Ensuring all voices are in the room
- Community Organizing can help
- HST is prime for disruption

HEALTHY LIVABLE COMMUNITIES

Can smart cities create equitable communities?

Emerging technologies like car sharing and autonomous vehicles offer immense opportunities to improve the connectedness of our region. However, the pace of change could impact the region's more marginalized communities. Learn how to leverage smart city technology to build equitable communities.

1. How do we measure success in smart mobility?
2. How can tech companies help move the needle in providing access to those most in need?
3. What are the barriers and opportunities that come with mobility as a service?
4. How might Mobility as a Service (MaaS) help improve mobility choices?



JUDY ADLER *moderator*

President

Turner Foundation



DEBRA LAM

Managing Director for Smart Cities and Inclusive Innovation

Georgia Institute of Technology



MARY BLUMBERG

SimplyGetThere.org Manager in Aging and Independence Services

Atlanta Regional Commission



AURASH KHAWARZAD

Director of Policy and Strategy

Center for Social Inclusion

Breakouts

COMPETITIVE ECONOMY

Mobility workforce of the future

Through increasing automation, tech advancements are changing the region's workforce needs. Participate in a dialogue about the state of current employment in Metro Atlanta, where employment trends are headed, and what can be done to improve employment opportunities for residents in our communities.

1. What jobs in our region are most vulnerable to automation?
2. How can we better prepare our youth and current workforce for jobs of the future?
3. What are some examples of new mobility workforce needs in our region?



JENNIFER CLARK *moderator*
Director of the Center for Urban Innovation,
Associate Professor of Public Policy
Georgia Institute of Technology



JOEY WOMACK
Founder
Amplify 4 Good and Goodie Nation



MIKE CARNATHAN
Research and Analytics Manager
Atlanta Regional Commission



NOELLE LONDON
Manager of Innovation & Entrepreneurship
Invest Atlanta



GLENN CARVER
Vice President of Sales
Green4U Technologies
Board Member
TAG Transportation Technology

Breakouts

- Gamifying Cities
- New opportunities in applying machine learning to parking
- Shift in Mobility Options
- Customer experience in transit

WORLD CLASS INFRASTRUCTURE

What do the automotive and tech achievements look like in Atlanta?

Join in a dialogue of what the landscape of transportation tech companies from original equipment manufacturer's (O.E.M's) to virtual reality to what startups look like in Atlanta.

1. What are the current breakthroughs in transportation in your field?
2. What could first-mile and last-mile connectivity look like in the next 5 years?
3. How can improvements in first-mile and last-mile connectivity impact mobility options in urban, suburban, and rural areas?



JIM HANSON *moderator*
Director, Intelligent Mobility
ATKINS



JOSH MCCLUNG
Director of New Ventures
Cox Automotive



ANNIE EATON
Co-founder & CEO
Futurus



JIGNESH PATEL
Founder
Lumenor Consulting Group
CIO
Georgia State Road & Tollway Authority



MIKE CRITELLI
CEO
CloudParc

Breakouts

HEALTHY LIVABLE COMMUNITIES

Impact of transportation technology on the physical form of our communities

Changes in mobility like autonomous vehicles will force us to alter our physical form. Join a conversation about our communities' responses to emerging transportation technologies in the built form.

1. What might parking of the future look like?
2. What are the impacts to sprawl?
3. How can we build more resilient cities?
4. How can transportation technology advancements improve air quality?
5. What have we learned about community design needs?



RYAN GRAVEL *moderator*
Founder
Sixpitch



CRAIG LEWIS
Principal
Stantec's Urban Places



AMANDA RHEIN
Senior Director of Transit Oriented
Development and Real Estate
Metropolitan Atlanta Rapid Transit Authority
(MARTA)



ELLEN DUNHAM-JONES
Director, MS Urban Design
Professor of Architecture
Georgia Institute of Technology

QUESTIONS?

THANK YOU!

Leslie S Caceda

Lcaceda@atlantearegional.org