GEORGIA SMART
COMMUNITIES CHALLENGE

CREATING THE NEXT®

GEORGIA SMART

Achieving Smart Community Development in Georgia

Spring Community Growth Workshop

29 March 2019

Georgia Tech

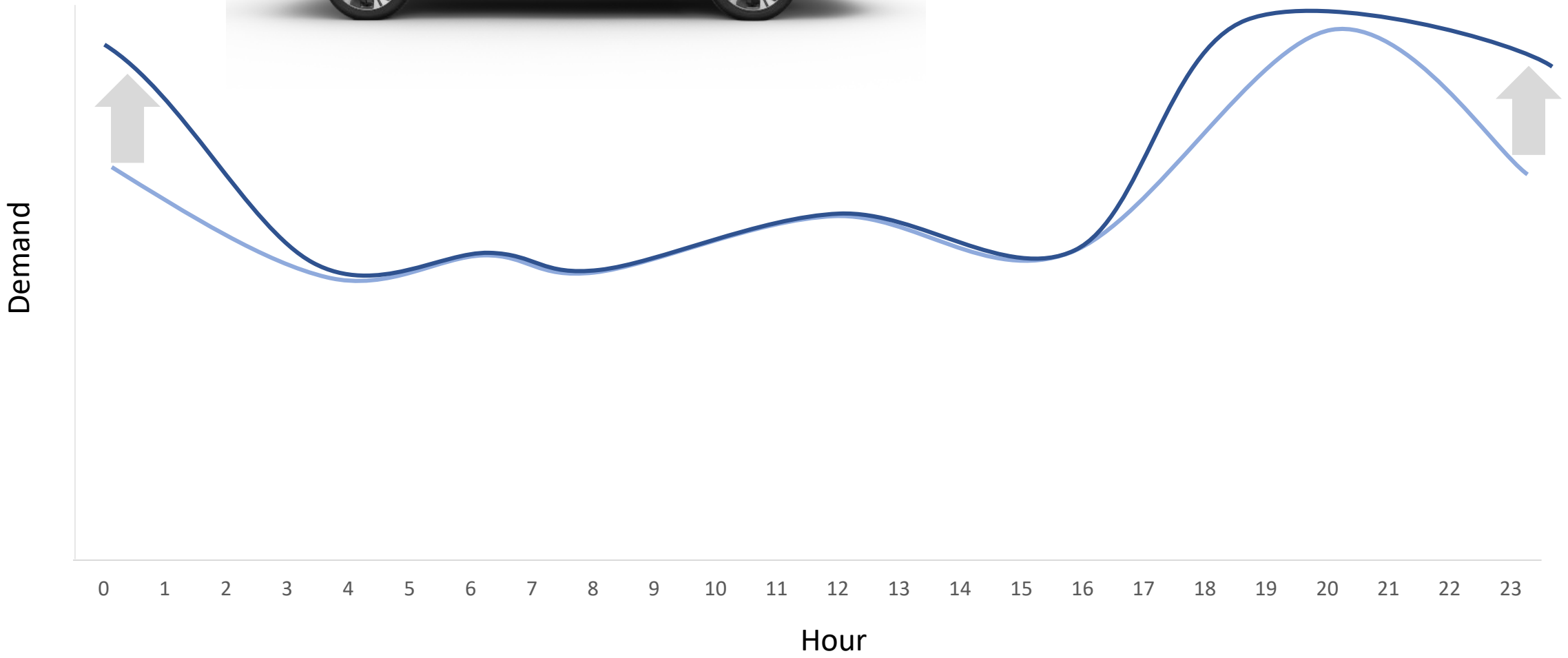
Welcome

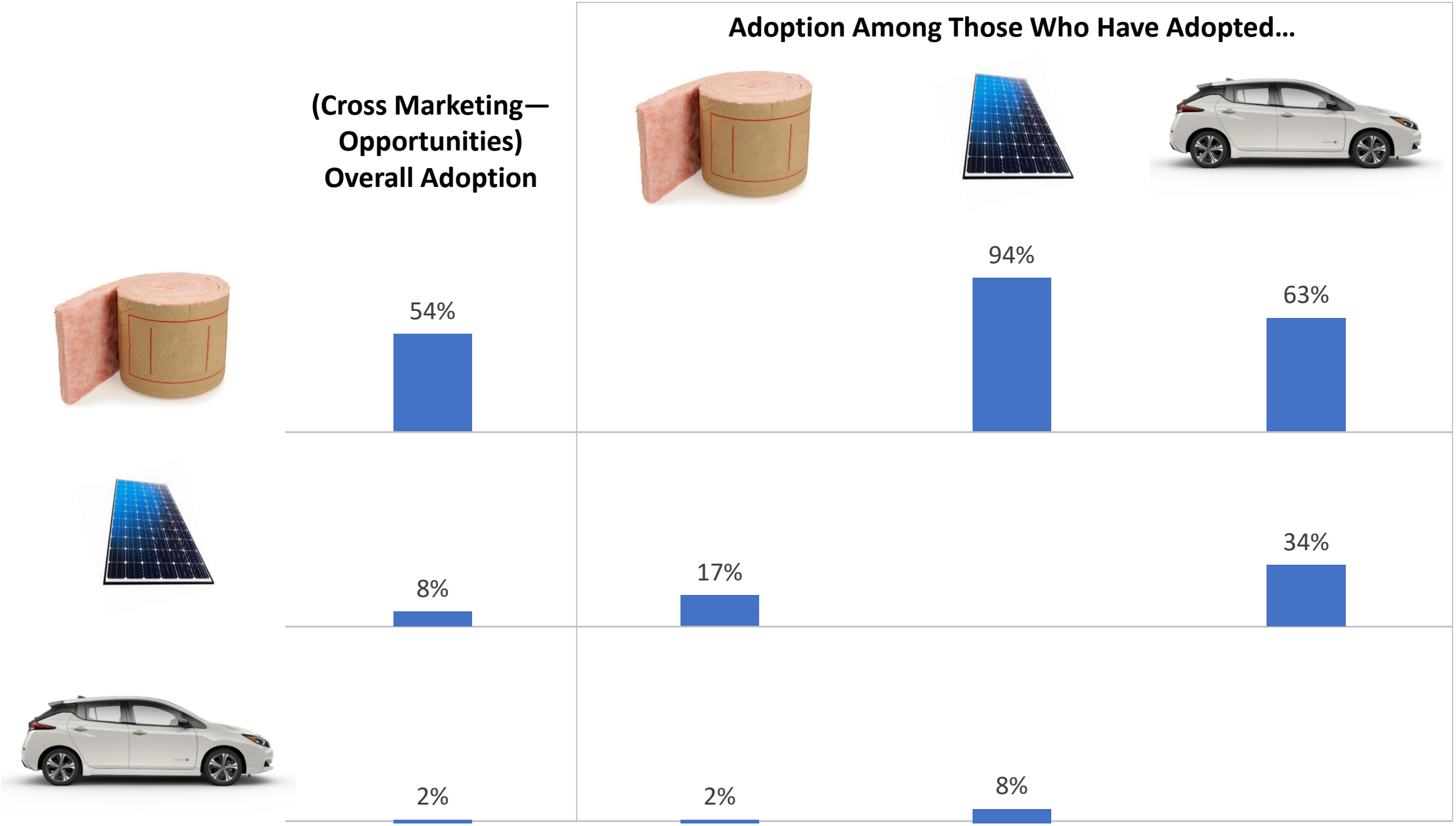
Pat Wilson - Commissioner, Georgia Department of Economic Development

Tim Echols - Commissioner, Georgia Public Service Commission

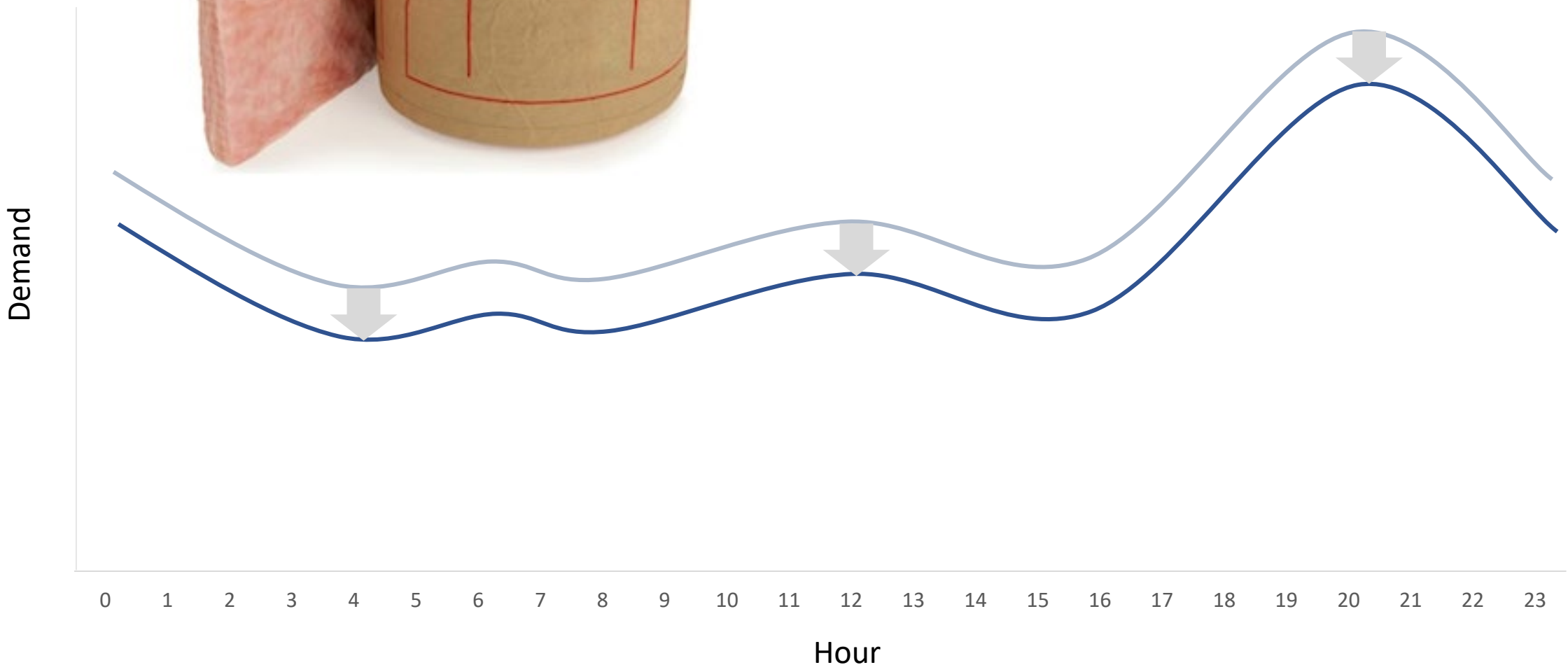
Chaouki Abdallah - Executive Vice President for Research, Georgia Tech

Smart is Relative


Demand
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
Hour



Source: Cogent Reports by Market Strategies International


Demand
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
Hour

QUACK!

Demand

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

Hour

Solar and EV/PHEV adopters share similar mindsets

Early adopter

I am usually one of the first to adopt a new product

Owning the latest product design or technology is important

Socially-conscious

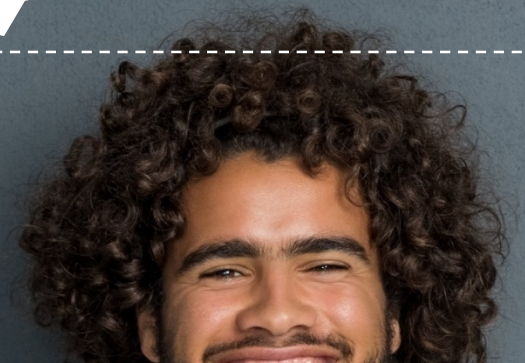
I prefer vendors who give back to the community

I consider the environmental impact of my purchases

Brand-conscious

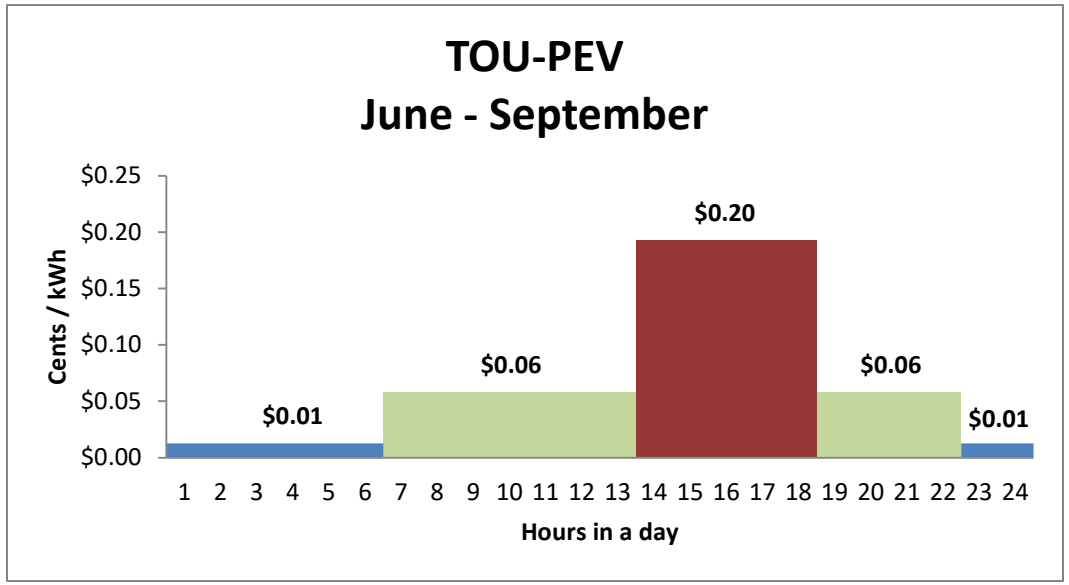
Products offered by well-known brands are most desirable

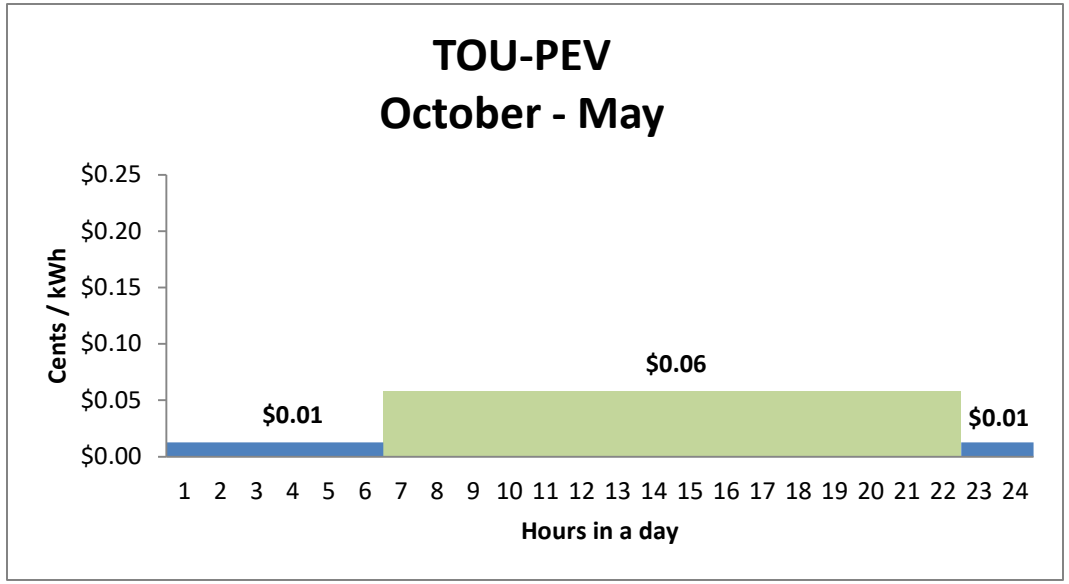
Third-party recommendations are important



Source: Cogent Reports by Market Strategies International

Time of Use – Plug-in Electric Vehicle

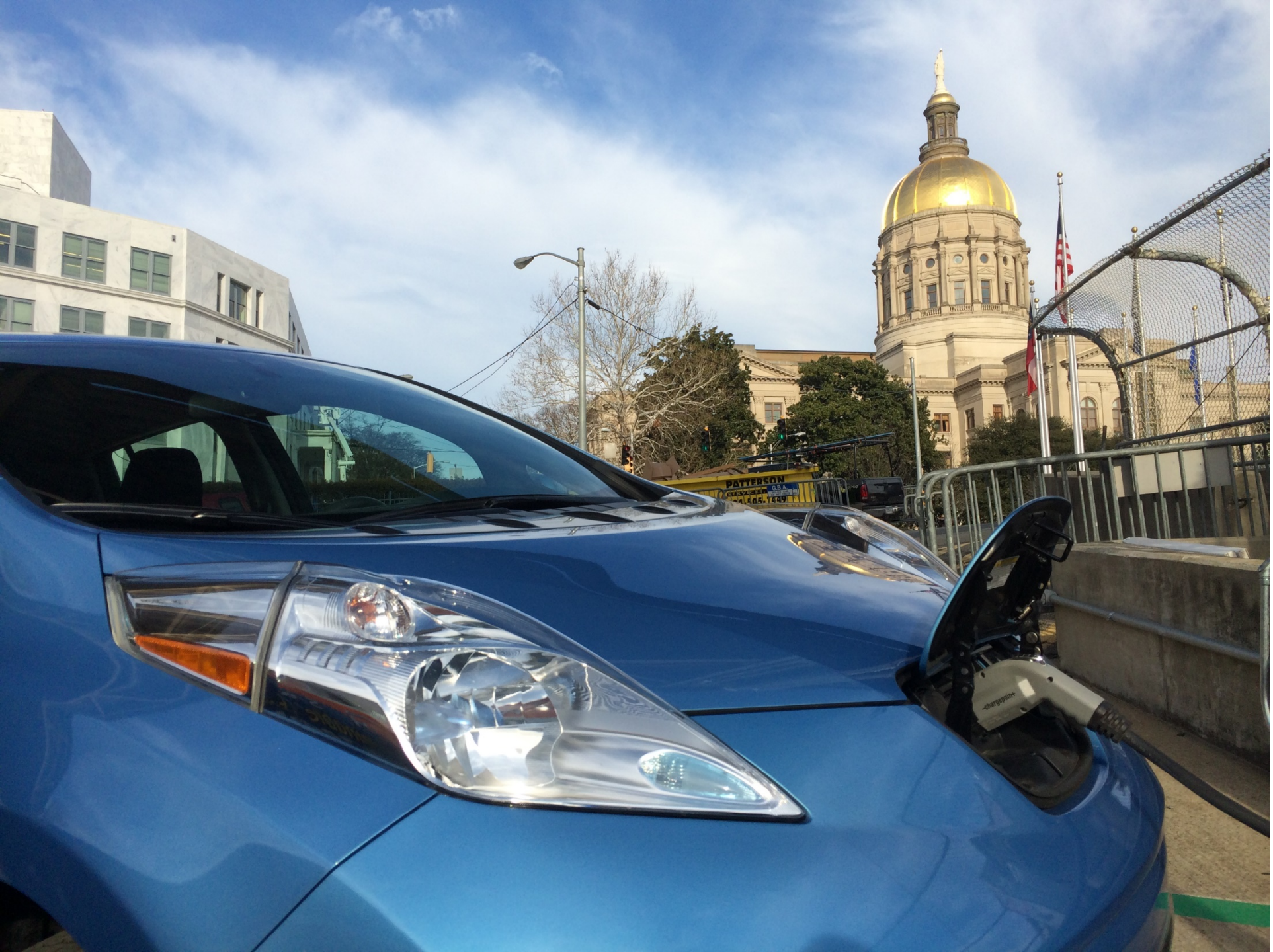




* Prices are rounded energy only and do not include fuel, ECCR,NCCR, DSM and taxes

- 1000 customers studied.
- Their annual electric bills decreased by $180 AFTER getting an electric car.
- Whole house rate
- Uses electricity at the cheapest time.

* Current Fuel Prices Rounded



Putting Lawmakers, Mayors and Commissioners in EV Seats—by any means possible

Welcome

Pat Wilson - Commissioner, Georgia Department of Economic Development

Tim Echols - Commissioner, Georgia Public Service Commission

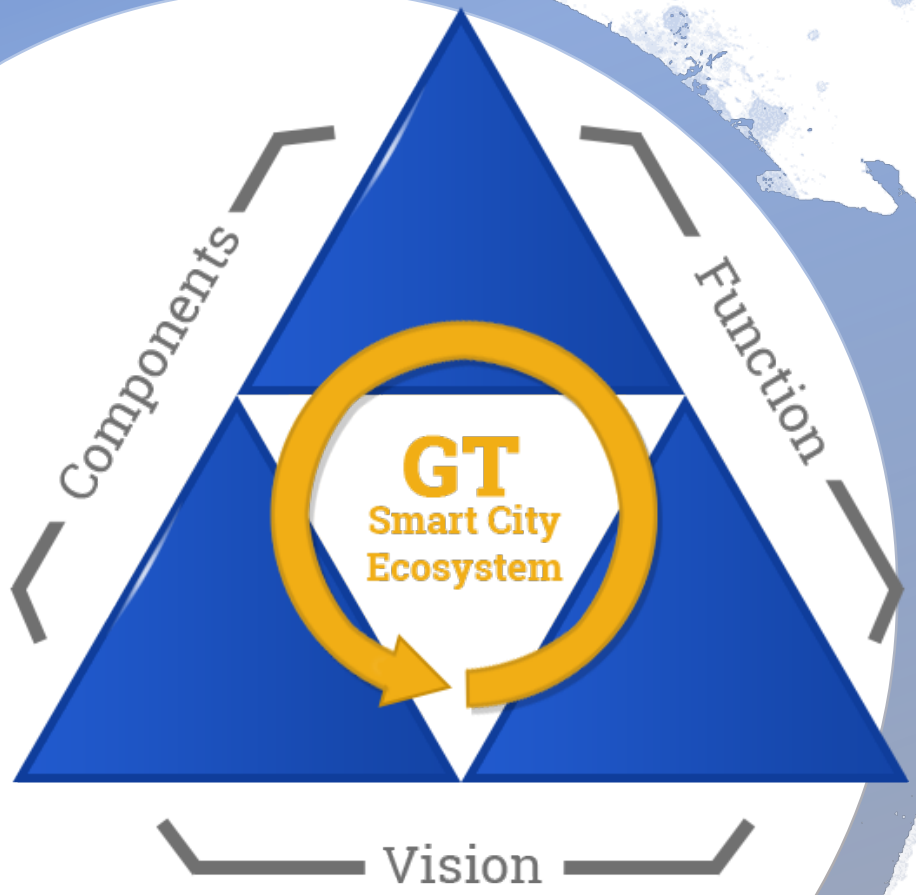
Chaouki Abdallah - Executive Vice President for Research, Georgia Tech

Workshop Agenda

8:30 – 8:50am	Welcome
8:50 – 9:10	GA Smart Introduction
9:15 – 10:25	Panel - How smart cities foster community growth?
10:25 – 10:35	Break
10:35 – 11:35	2018 GA Smart Community Presentations
11:35 – 12:20pm	Panel - 2018 GA Smart Community Leaders
12:20 – 12:30	Morning Wrap-Up

Lunch & Afternoon Session in Conference Room 119A/B (Nextdoor)

12:30 – 1:15	Lunch
1:15 – 4:00	2019 GA Smart Proposal Development



GT Smart Cities and Inclusive Innovation Framework

The ***Georgia Smart Communities Challenge*** is a first-of-its-kind grand challenge for communities of any size in the state of Georgia to receive funding and support to empower their smart future.

- To spur smart community development throughout GA
- To position GA as a smart community leader

Partners

Georgia Power

ARC
Atlanta Regional Commission

ACCG
Advancing Georgia's Counties.

Georgia® USA

GEORGIACHAMBER

Georgia® Department of Community Affairs

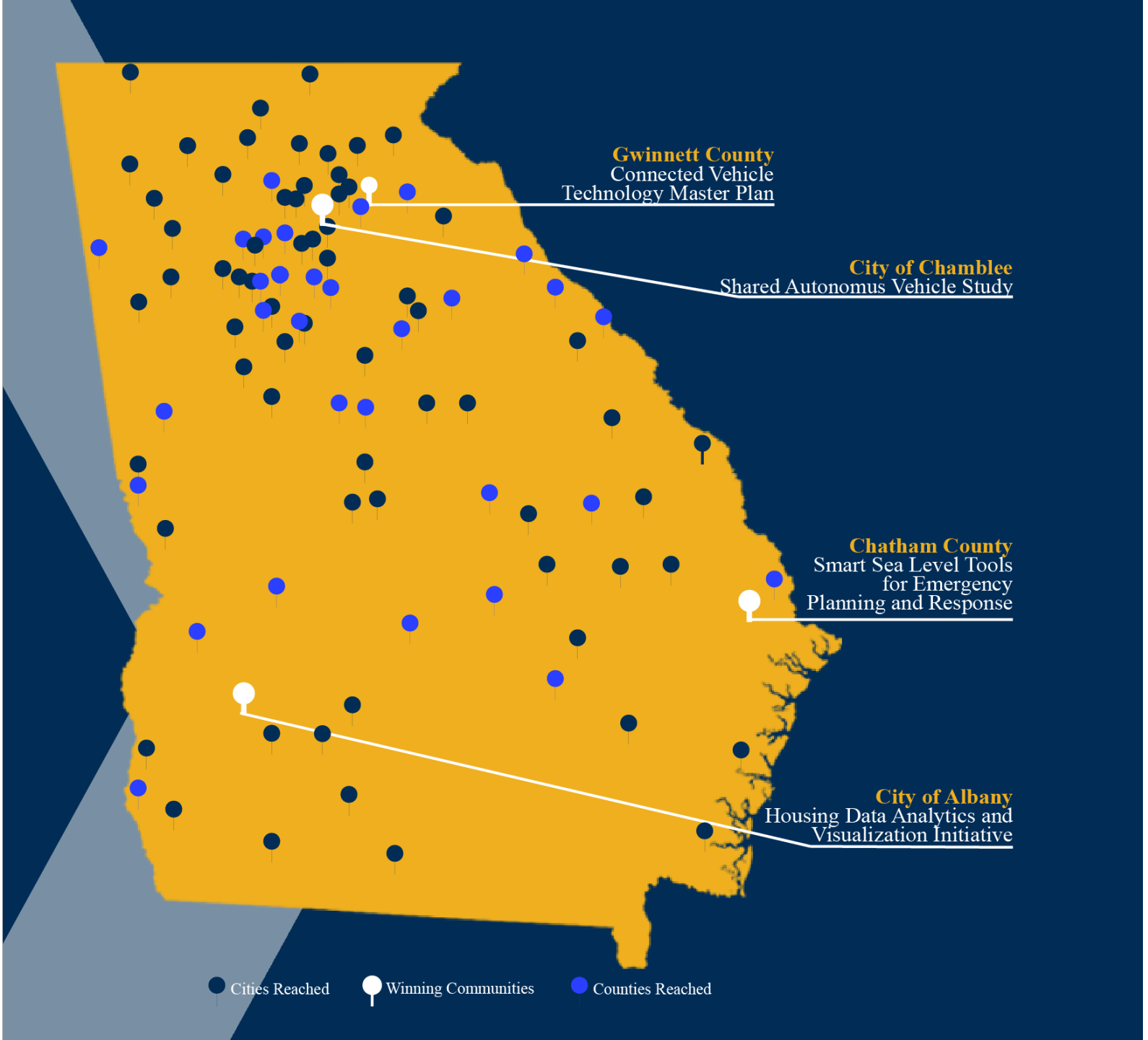
GEORGIA MUNICIPAL ASSOCIATION

METRO ATLANTA CHAMBER

TAG
Technology Association of Georgia

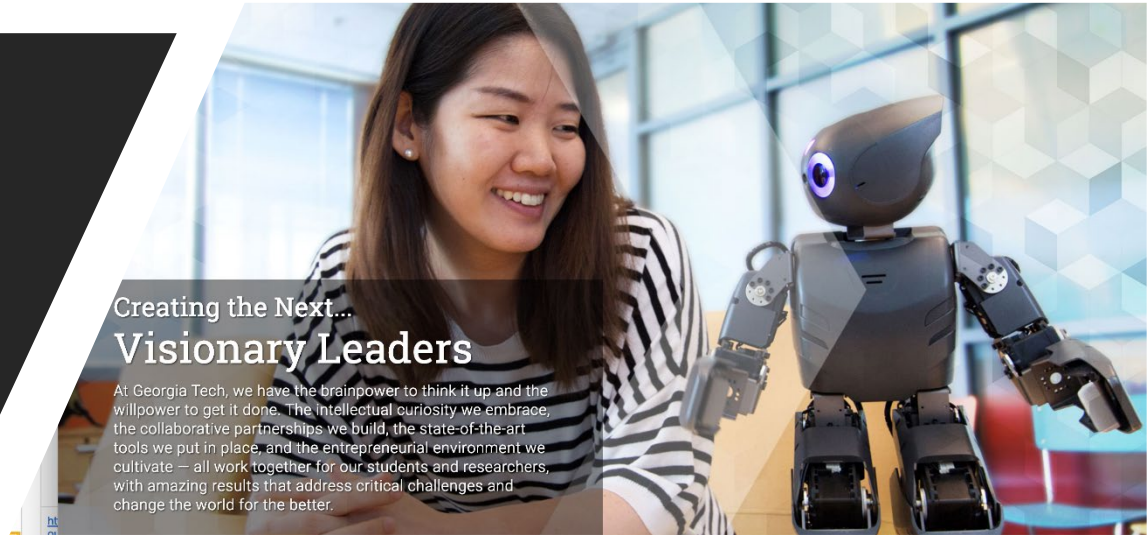
GLOBAL CITY TEAMS CHALLENGE

APA GA
American Planning Association
Georgia Chapter



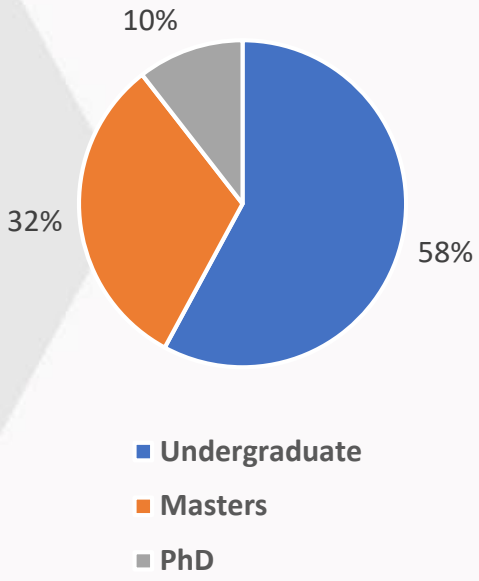
Over 2/3 of the GA population

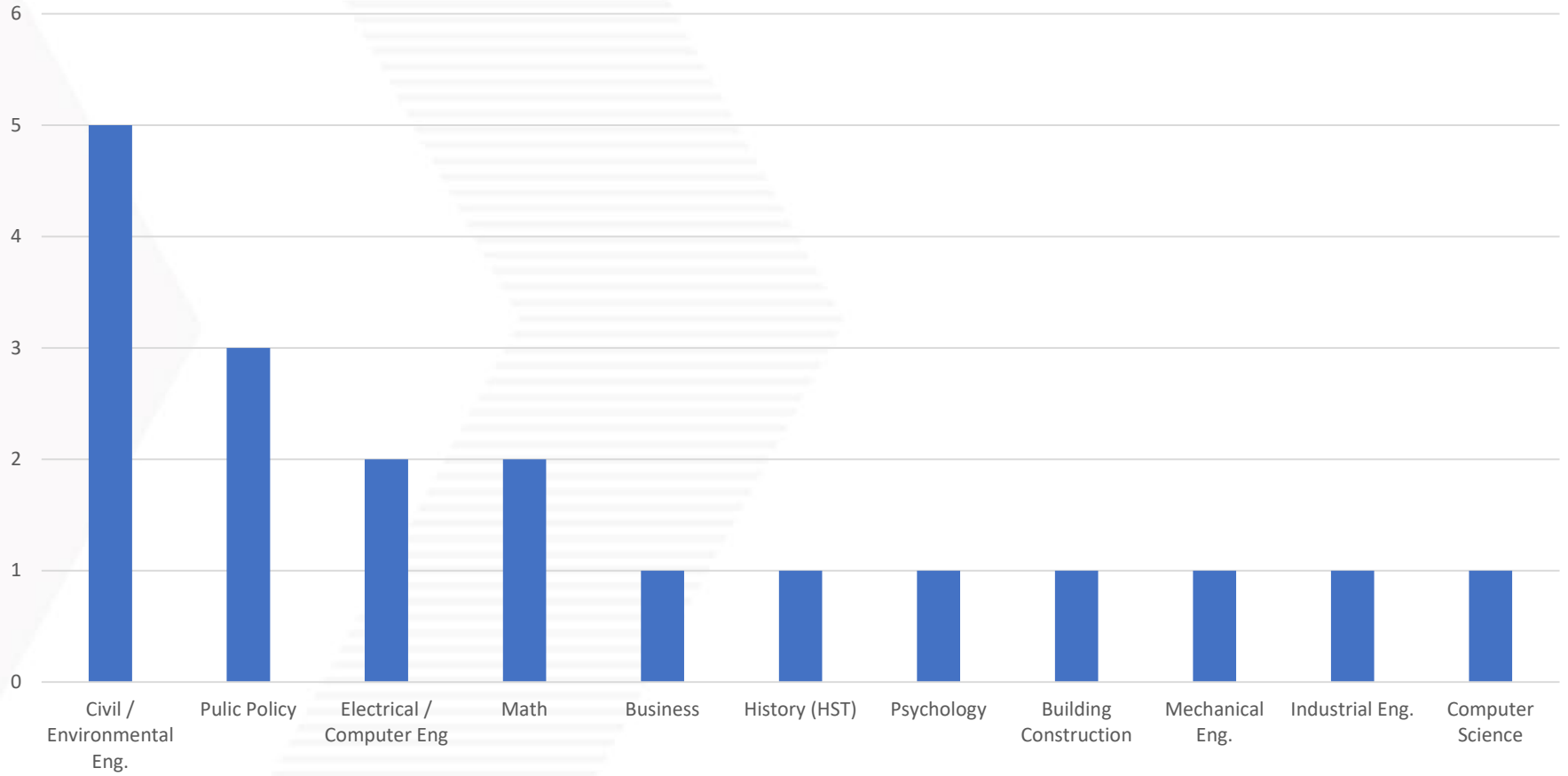
- Enabling students to tackle grand challenges
- Enhancing education beyond the classroom
- Empowering the next generation of leaders



- Strategic Energy Institute- EPI Center
- Center for Serve-Learn-Sustain
- Center for Career Discovery & Development
- Student Government Association

Applicant Profile



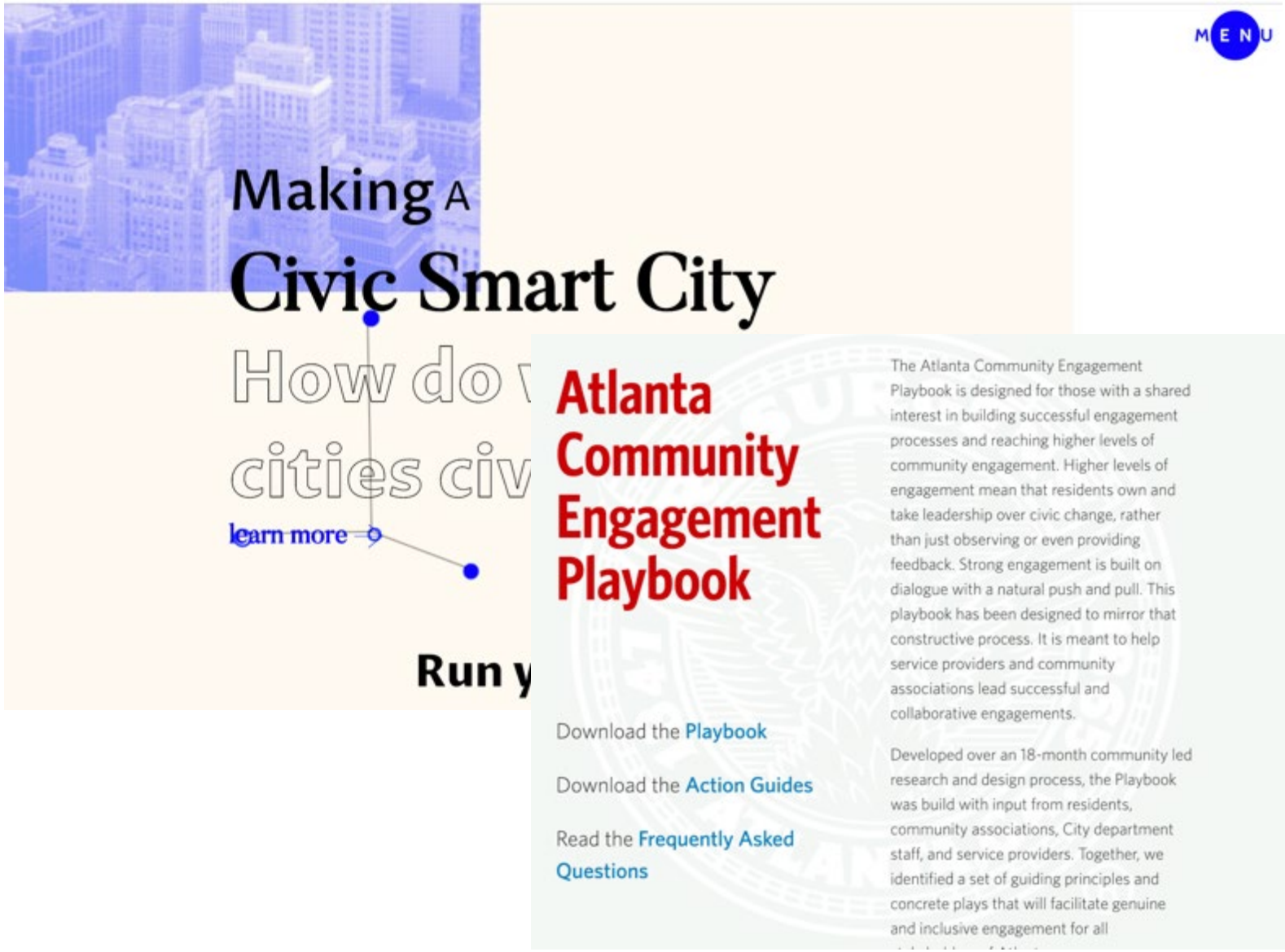


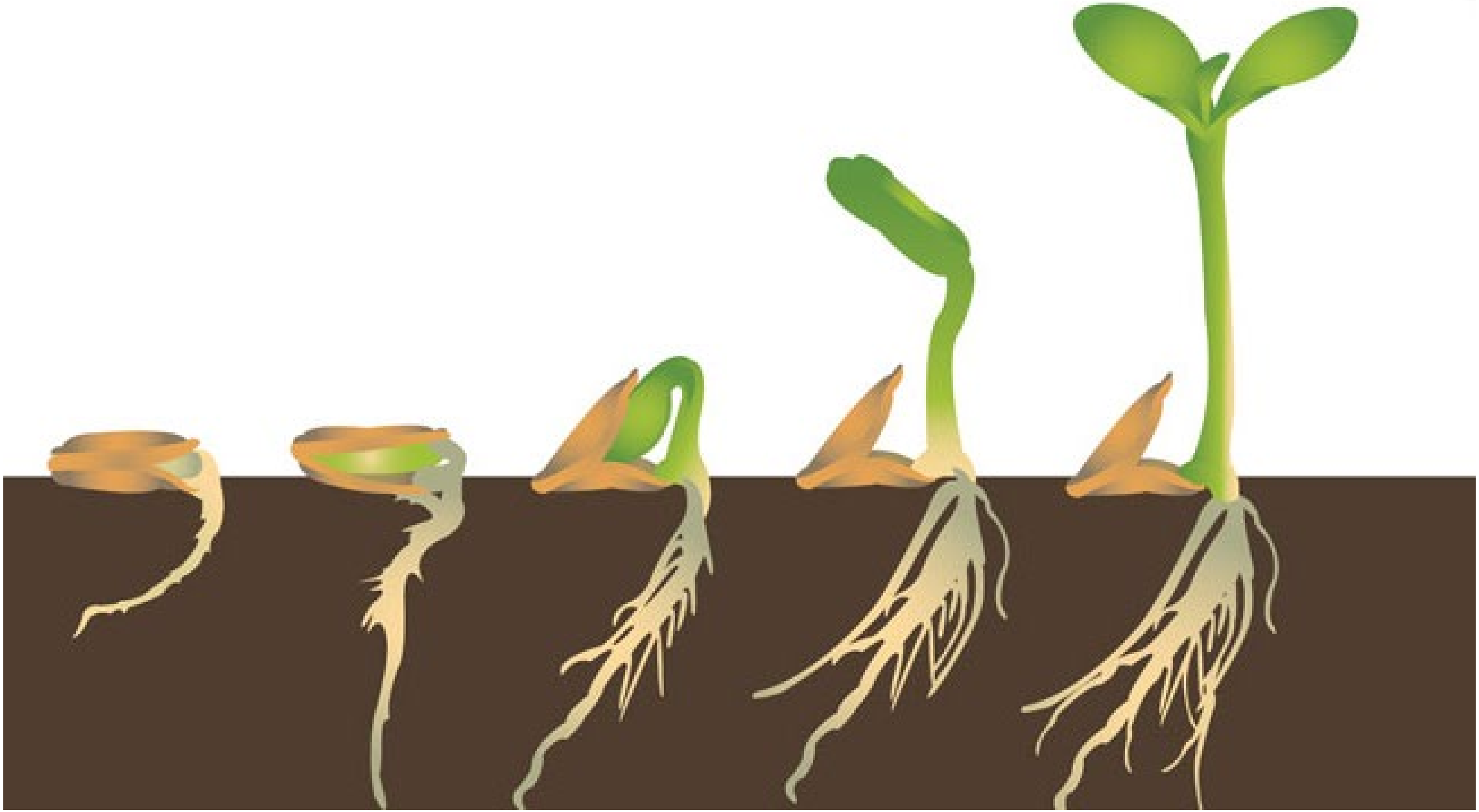
Civic Data Science

Drs. Ellen Zegura and Chris Le Dantec

GA Smart Community Playbook

- Best practices and learnings distilled from all four communities
- Accessible to all GA Communities and beyond





Community Impact

24

Stakeholder meetings

16

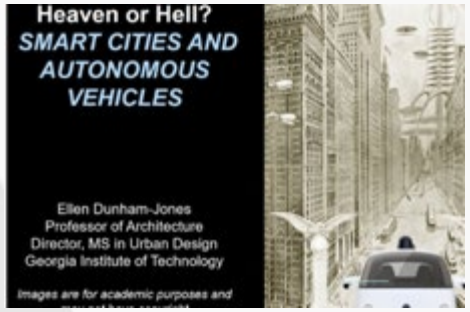
New project partners

Financial Impact

$15M+

Grants & proposals being pursued for future related projects

Outreach



200

Webinar Views

By Denisea Patton / September 29, 2017

Georgia Tech Researchers Speak at ARC's ConnectATL Summit

30+

Speaking events

2000+

Subscriber network

September 2018 eNewsletter

700+

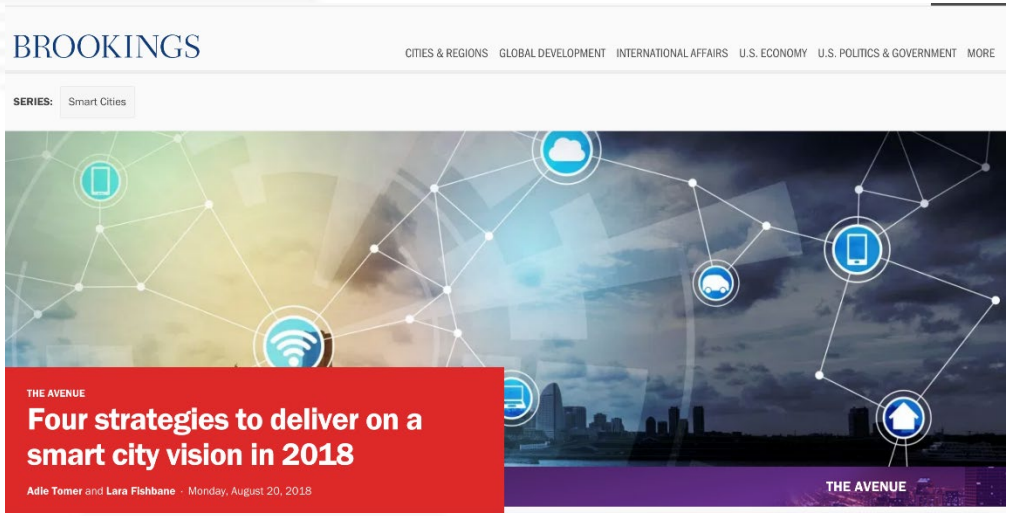
Attendees from events

Georgia Tech

Georgia on the Map

50+

Local and national news



"Critically, Georgia Tech is pursuing statewide efforts to scale digitalization strategies…"

2019 GA Smart Communities Challenge

Creating Housing a
Research Database for
Albany Housing Initiative
GEORGIA
SMART
LANE
SMART
CHAMBLEE

Panel
How smart cities foster community growth?

Nancey Green Leigh - Associate Dean for Research, College of Design, Georgia Tech
Iris Tien - Assistant Professor, Civil and Environmental Engineering, Georgia Tech
John Avery - Director, Advanced Technology Development Center, Georgia Tech
Sarah Kirsch - Executive Director, ULI Atlanta
Michael Watson - AARP
Jason O'Rourke - VP of Public Policy & Federal Affairs, GA Chamber of Commerce (Moderator)

BREAK

10:25 – 10:35

2018 GA Smart Community Presentations

Panel
2018 GA Smart Community Leaders

Randall Matthews - Chatham Co. Emergency Management Coordinator
Rebecca Keefer - Special Projects Manager, City of Chamblee
Steven Carter - Chief Information Officer, City of Albany
Tom Sever - Deputy Director for Gwinnett Co. Traffic Engineering, Operations & Maintenance, Gwinnett Co.
Carrie Kelly - Smart Services Implementation Manager, Georgia Power (Moderator)

Morning Wrap-Up

LUNCH

Please transition to Conference Rm 119A/B

Sit by Region

1. City of Atlanta/East Point (Atlanta Metro)
2. Fulton Co./South Fulton (Atlanta Metro)
3. Roswell/Alpharetta/Milton (Atlanta Metro North)
4. Brookhaven/Chamblee/Dunwoody/Peachtree Corners (Atlanta Metro Northeast)
5. Cobb Co./Marietta/Douglasville/Villa Rica (Atlanta Metro West)
6. Gwinnett/Lawrenceville/Sugarloaf CID/Snellville/Jackson Co. (Atlanta Metro East)
7. Augusta/ Rockdale Co./Porterdale (East)
8. Clayton/Stockbridge/Union City/Peachtree City (Atlanta Metro South)
9. Columbus/Macon-Bibb/Twiggs Co. (Middle GA)
10. Hiawassee (NEGA/Mountains)
11. Savannah (Coast)

Afternoon Start: 1:15