Consumer Electronics Show Recap

January 28, 2020

Consumer Electronics Show

What is CES?

CES is the world's gathering place for all who thrive on the business of consumer technologies. A high-level business event that touches all industries, it's the place where business gets done.

- 175,000+ attendees
- 160+ countries represented
- 4,500+ companies exhibited

SUSTAINABILITY
—
MOBILITY
—
LIVABILITY

International Pavilion

Holland, Japan, Switzerland, Italy, France, Israel, Hong Kong

Why Coral Gables?

Coral Gables was the only city in the U.S. to exhibit.

Mission
- Promotional
- Educational
- Research

Coral Gables Exhibit Booth at CES 2020

❑ **Smart City Framework, Initiatives, Best Practices Exhibition:**

• Live Demo: Smart City Hub Public Platform, Transparency Portals, Open Data, IOT, Smart Buildings, BI/AI/ML, CIC, City Apps, GIS, Other Technologies

• Smart Districts, Infrastructure, Technology, Network Resilience

• Strategic Plans - City, IT, Sustainability, Mobility, Horizontal Integration

• Smart City Engineering Framework, Smart City Tech Governance Models

• Quality of Life & Customer Service Benchmarks

❑ **Innovation Hub and Economic Opportunities:**

• Economic Profile, Coral Gables unique advantages, City Benchmarks

❑ **Handouts and Support Material:**

• Coral Gables Brochures (Smart City, Economic Development)

• Gables Chamber of Commerce, MD Beacon Council, Innovate Miami
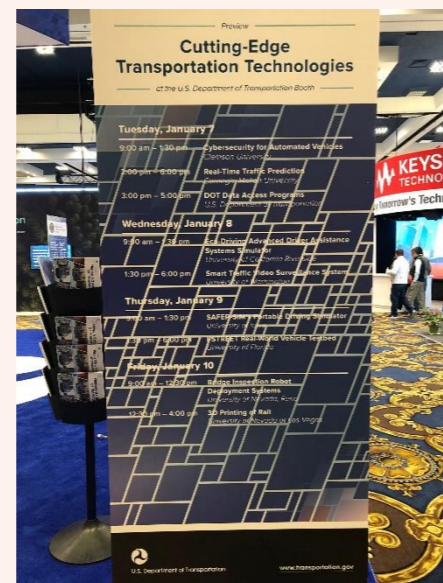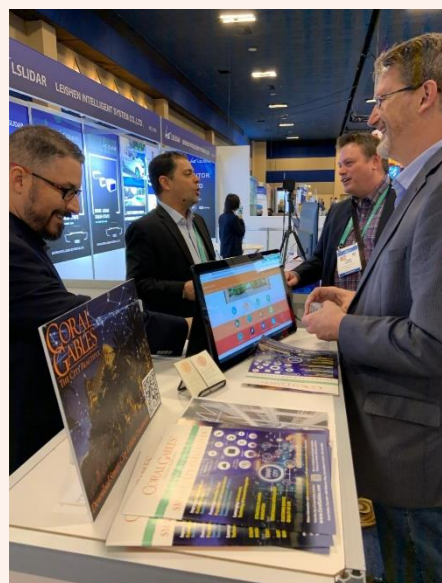
❑ **Meetings, Demonstrations, Visitors:**

• NIST, UM & other Universities, Smart City Lab, Non-Profit/Research Orgs

• International Trade Organizations, Startups, Industry Leaders, Investors, Experts

• Media: CTA/CES Media, Smart Cities World, WaPo, Kurrant Insights
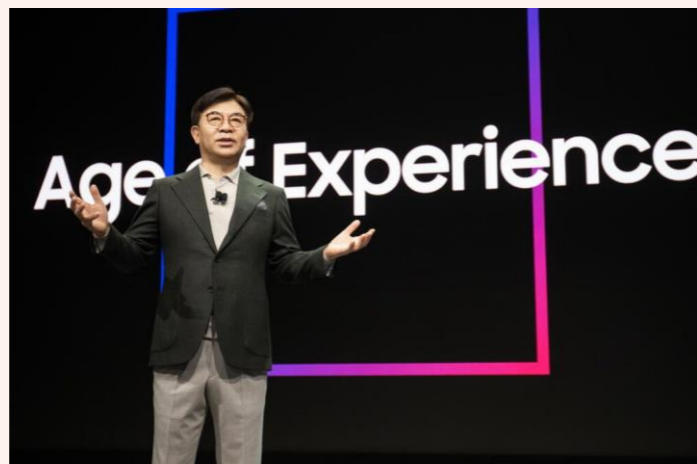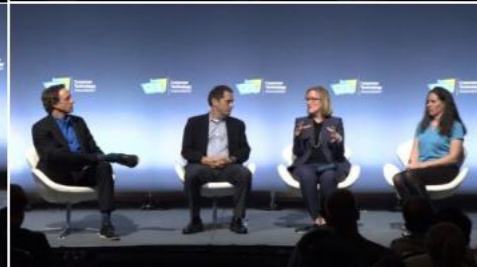
Smart City Learning & Collaboration at CES 2020

- National Institute of Standards & Technology (NIST)

- Smart City Lab & Fiware Foundation, European Union

- Smart Cities Council

- University of Miami (UM) and others (ASU, SNU…)

- US Department of Commerce (USDOC)

- US Department of Transportation (USDOT)

- Department of Homeland Security (DHS & CISA)

- Federal Aviation Administration (FAA)

- Internet of Things Consortium (IOTC)

- Cellular Telecommunications Industry Association (CTIA)

- Consumer Technology Association (CTA)

- Other municipalities (Las Vegas, Cary, LA, San Jose…)

Smart City & High-Tech Sessions at CES 2020

- Smart City Resilience & Public Safety Technologies

- Smart Cities Public-Private Partnerships (P3)

- Smart Buildings, City Infrastructure Technology

- Internet of Things (IOT)

- Keynotes from Renown Tech Leaders and Top Experts

- Electronics industry new products and innovation

- Robotics & AI

- Electric/Connected/Smart/Autonomous Vehicles

- 5G and smart cities wireless communication networks

- Security Trends

CORAL GABLES
THE CITY BEAUTIFUL

Smart City Cutting-Edge Technologies at CES 2020

- ❑ **Mobility:** prototypes and new products related to AVs, EVs, LiDAR, photonics, robotics, smart parking systems and other impressive tech

- ❑ **Artificial Intelligence (AI) & Robotics:**

  - Tools that automate development of AI models -data scientists & engineers can rapid-deploy realtime analytics from video, IOT & data sources. Bots.

  - Robots & Drones for public safety, smart parking, EVs, datacenters, warehouses, SCM/delivery, city use cases, Education

- ❑ **Resilience, Public Safety, Security:**

  - Energy management, EV charging stations, Green Tech

  - Internet of Things (IOT), Smart Infrastructure, Smart City control platforms

- ❑ **Network Electronics (Backend & Client hardware):**

  - Augmented Reality, Virtual Reality electronics, applications, use cases

  - Computer systems, quantum computers, AV systems, user interfaces

CORAL GABLES
THE CITY BEAUTIFUL

CES 2020 Follow Up: Lessons Learned, Projects & Partnerships

- Open data platform with Smart City Lab & Fiware Foundation

- AI models for enterprise systems & IOT sensors test/pilot

- Smart city street safety/telecom hubs demo/pilot (new technology)

- Robotics educational games for Children

- Smart City Demo Lab with UM, follow up with other universities

- Immersive Reality (XR) pilot project

- Follow up with trade organizations, businesses, and innovation district organizations (Economic Development)

- Strategic partnerships with leading industry/gov organizations; participation in thinktanks & collab. programs (IOTC, GSX, CTIA, NIST/NTIA/DHS/GCTC)

- Insight gained from meetings with Industry Leaders (IOT, connected vehicles, telecommunication, smart cities innovation) used for strategic planning, engineering, process improvement and project management

- City Projects: smart districts, IOT, data/transparency portals, geofence, mobility tech, smart parking, sustainability, network resilience, Innovation hub, ERPs…

CORAL GABLES
THE CITY BEAUTIFUL
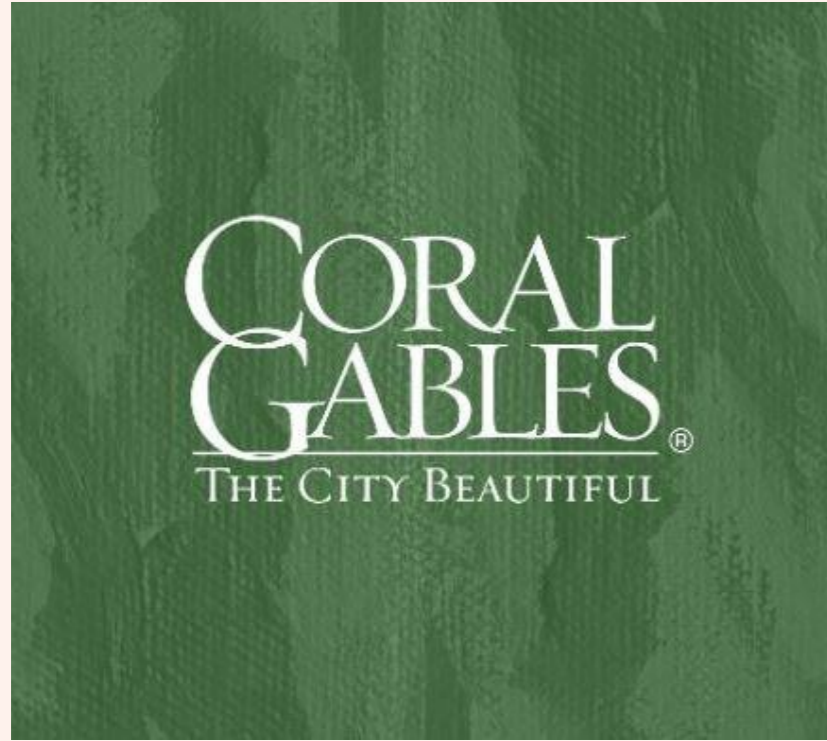
City of Coral Gables Recognition at CES 2020

❑ **NIST & GCTC:**

- "Coral Gables innovative approach to solving problems is a great model for Communities."

- "Cities like Coral Gables demonstrate a concern for both economic and social value propositions."

- "Coral Gables has created their own ecosystem and a partnership model at a City level."

- "Impressive work on transforming Coral Gables into a smart city by embedding the concept in many traditional infrastructure projects."

❑ **Industry leaders:**

- "Great exhibit", "The hit of the show!"

- "Coral Gables shining during CES 2020! Nicely done"

- "The City of Coral Gables is dedicated to promoting the development of a smart city ecosystem by continuously developing and fostering innovation."

- "Coral Gables rock it! You are the benchmark! Looking forward to our collaboration!"

- "Looking forward to learning more about your experiences as you evolve your smart city!"

- "We look forward to work with you on a Smart City Demo Lab to pilot new innovations."

- "It is great to see my community getting involved in the planning for and implementation of one of our cities to become smart. I am hoping the trend is catching on in all of South Florida."

Thank you

January 28, 2020