HOW IS YOUR AGENCY HOLDING/PLANNING FOR ITS ASSET MANAGEMENT & THE FUTURE OF STREET LIGHTING & RELATED INFRASTRUCTURE? WHAT IF/WHAT NEXT?

Jean Bonander, Executive Director
California Street Light Association (CALSLA)
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HOLDING/PLANNING FOR ASSET MANAGEMENT

- **LS-2 Customer Owned & Managed**
  - Single Jurisdiction
  - Shared Management/Single Jurisdiction
  - Shared Ownership
  - Third Party Ownership
  - Public Private Partnership
  - Lease Arrangements
  - Special Districts/CSDs within Customer Jurisdictional Boundaries
  - Other Arrangements?

- **LS-1 Utility Owned & Managed**
  - Plans for ownership, operations, maintenance of assets in your community?
Future of Street Lighting & Related Infrastructure - Considerations

- Ownership = Control of Vertical Assets, Public Right of Way
- Finance to Purchase
- Finance to Retrofit/Controllers
  - Just Street Lights?
  - Other Lighting Projects (Parks, Parking Facilities, CSDs...)
  - Other Civic Infrastructure Projects (Roadways, Paths of Travel, Accessibility, Sustainability/Resiliency, Waste Water, Storm Drainage)
  - Can you use street light retrofit savings offset to help finance other necessary infrastructure?
- Attachment Devices (Telecom, Sensors, Cameras...and more)
- Managing the Process
Using Your Vertical Infrastructure/Related Assets in New Ways

- Virtual Reality/Augmented Reality (VR/Al) to Manage Projects
- Dealing with Climate/Disaster/Resiliency & Sustainability Issues
- Wireless Communication & Human/Machine & Machine/Machine Interactions
  - Autonomous Vehicular Traffic, Machine Communications & Air Space
  - Infrastructure Communication & Coordination (Synchronized Signaling, Outage/Maintenance Alerts)
- Impact of Human Distraction - Can VR/Al/3D/Motion Sensing Help?
- Street Light and Other Outdoor Lighting - Economic Development, Culture & Art, Safety, Enhancing Public Outdoor Spaces at Night for All
- Other Ideas?
- THANK YOU!