Governor’s Office of Business and Economic Development (GO-Biz)

Smart Cities, Connected/Autonomous Vehicles and Workforce

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Who is GO-Biz?

The Governor’s Office of Business and Economic Development (GO-Biz) was codified in 2011 by Governor Edmund G. Brown Jr. to serve as California’s single point of contact for economic development and job creation efforts.

Seven Units Including:

- Business Development (CalBis)
- Permit Streamlining
- Small Business Assistance
- California Competes Tax Credit
- International Affairs and Trade Development
- Zero Emissions Vehicle Infrastructure
- Innovation & Entrepreneurship
Disruption is Coming
Uncertain Future

- More than 3 million Americans drive trucks, taxis, buses or delivery vehicles.
- A May 2014 study found that 11.3 million workers will be significantly affected by autonomous vehicles.


Changing Workforce

• A proactive approach to workforce development will bolster California’s innovation economy and accelerate the growth of autonomous vehicles.
CAVs and Smart Cities

There is an increasing convergence between CAVs and other advanced industry sectors:

- Cybersecurity
- Drones
- Agriculture
- Health Care
- Entertainment/Tourism
- Big data/analytics
CAVs and Smart Cities (cont’d)

Workforce development opportunities to support CAVs within the smart and connected cities ecosystem include:

- Vehicle manufacturers, data/analytics companies, software
- Connections with public transit
- Greater mobility for seniors and disabled
- Public safety and firefighting
Workforce Development

• Job creation potential for autonomous vehicles, and supporting services, is extremely high

• Both comprehensive STEM/STEAM efforts and more tailored training programs needed
Workforce Blueprint

- Collaboration is key
- Document all findings
- Create a Roadmap
- Communicate Success

Adam Thierer and Ryan Hagemann. “Removing Roadblocks to Intelligent Vehicles and Driverless Cars.” Mercatus Center, George Mason University. September 2014.
Optimism Abounds

- Comprehensive network of innovation leaders and supporters
- Diverse and well-rounded innovation ecosystem
- Key driver of a future connected society
- Support the testing and deployment of autonomous vehicles
- California is uniquely well-positioned
Contact Information

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