Embracing Innovation and Not Getting Out"smart"ed

League of California Cities Annual Conference

September 14, 2017

DISRUPTION

INNOVATION VS. SAFETY

Driverless Car Mishap #13

"PERFECT" INNOVATION STORM

MORE THAN JUST CARS
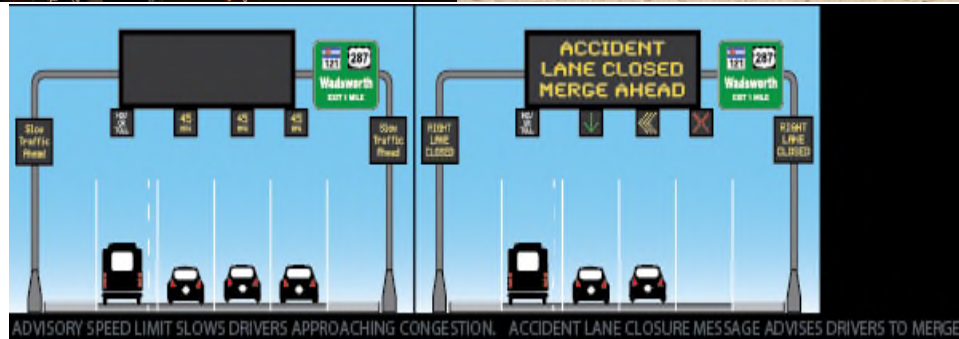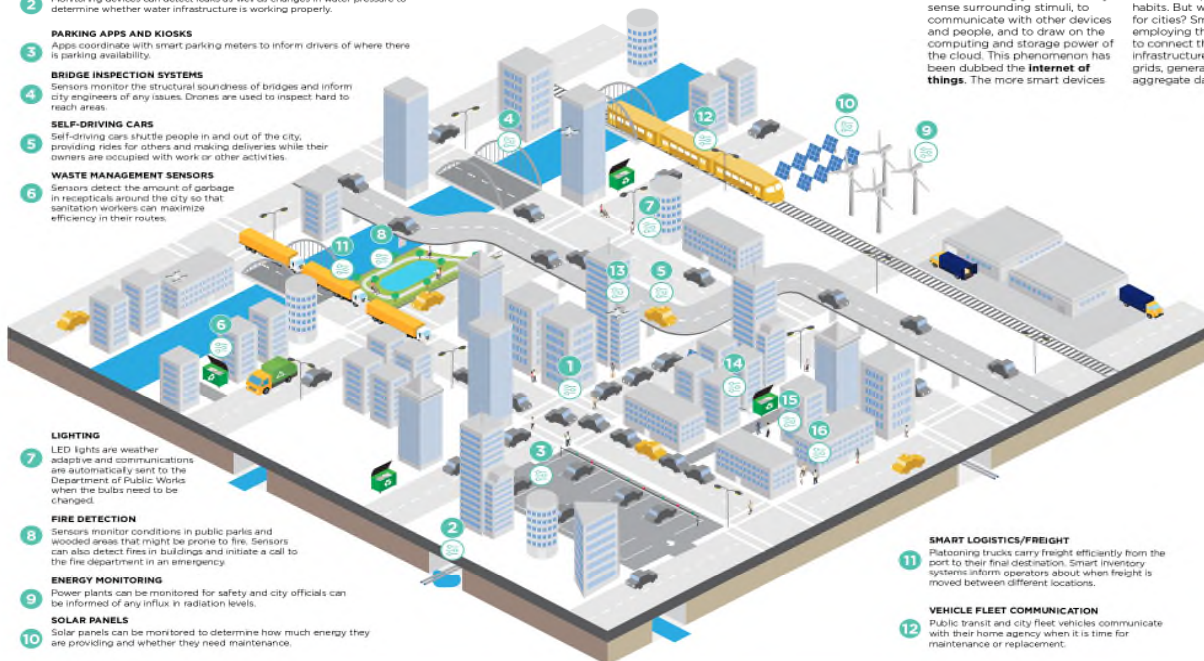
WHAT IS A "SMART" CITY?

- A smart city is an urban development vision to integrate information and communication technology (ICT) and Internet of things (IoT) technology in a secure fashion to manage a city's assets. (Wikipedia)

- The UK Department for Business, Innovation and Skills considers smart cities a process rather than a static outcome, in which increased citizen engagement, hard infrastructure, social capital and digital technologies make cities more liveable, resilient and better able to respond to challenges.

- A smart city makes optimal use of all the interconnected information available today to better understand and control its operations and optimize the use of limited resources. (IBM)

LEGAL AND POLICY FOUNDATION

CROSSING LEGAL BORDERS

- **Fit Existing Regulations?**
- Design Safety / Operational
- **Wireless/Broadband**
- Insurance / Tort
- **Privacy / Cybersecurity**
- Financial impacts
- **Procurement**
- **Land Use / Zoning**

Puzzle pieces labeled: Land Use, Privacy, Cybersecurity / Data Collection, Law Enforcement, Insurance / Torts, Ethics, Taxes, Employment
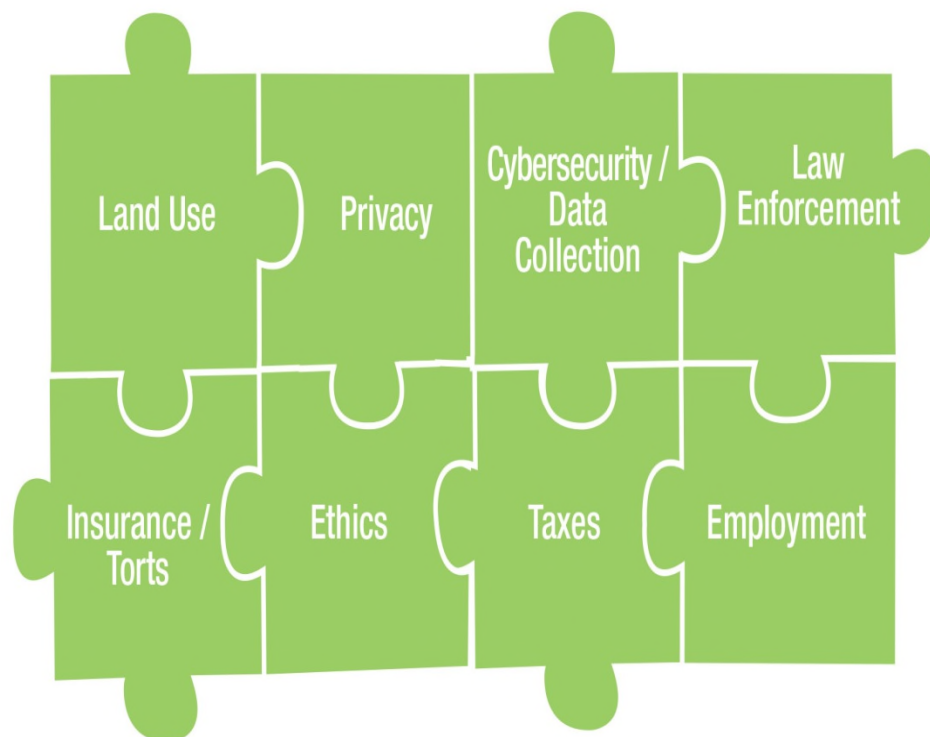
"SMART" INFRASTRUCTURE

- What is going to be needed?
    - Sensors?
    - Antennas?
    - V2X?
- Local control of ROW
- What is technology of the future?
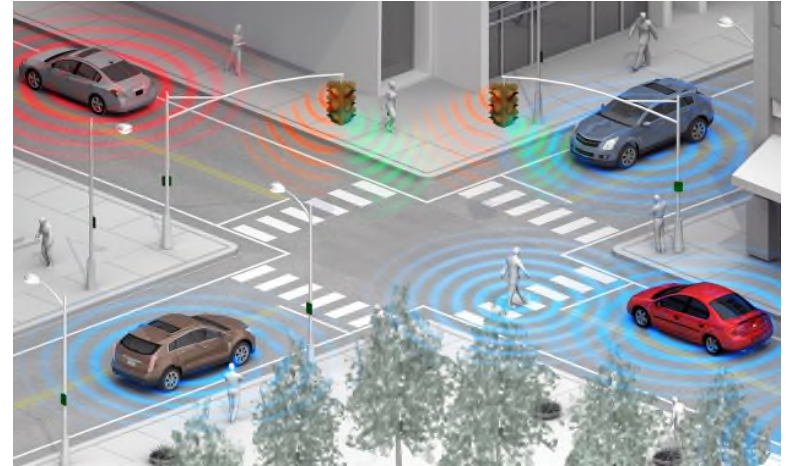
PARTNERSHIP OPPORTUNITIES

- Emerging Technology Pilot Projects
    - Do not forget **public contracting requirements**
    - Transparency
    - **More data, more problems**
- Be aware of where any grant funding is coming from and requirements
- Coordination with regional and local agencies

PROPOSED RECIPE – TWO WAY STREETS

True **Partnership**

+

Balanced Agreements

+

Information Sharing / **Shared** Analysis

=

SUCCESS! (Or, steps to make SUCCESS)

GOALS OF PUBLIC CONTRACTING

From CA Public Contract Code Sections 100 and 102:

- Protecting the public from **misuse of public funds**

- To provide all qualified bidders with a fair opportunity to enter the bidding process, thereby **stimulating competition** in a manner conducive to **sound fiscal practices**

- To **eliminate favoritism, fraud, and corruption** in the awarding of public contracts

PUBLIC CONTRACTING

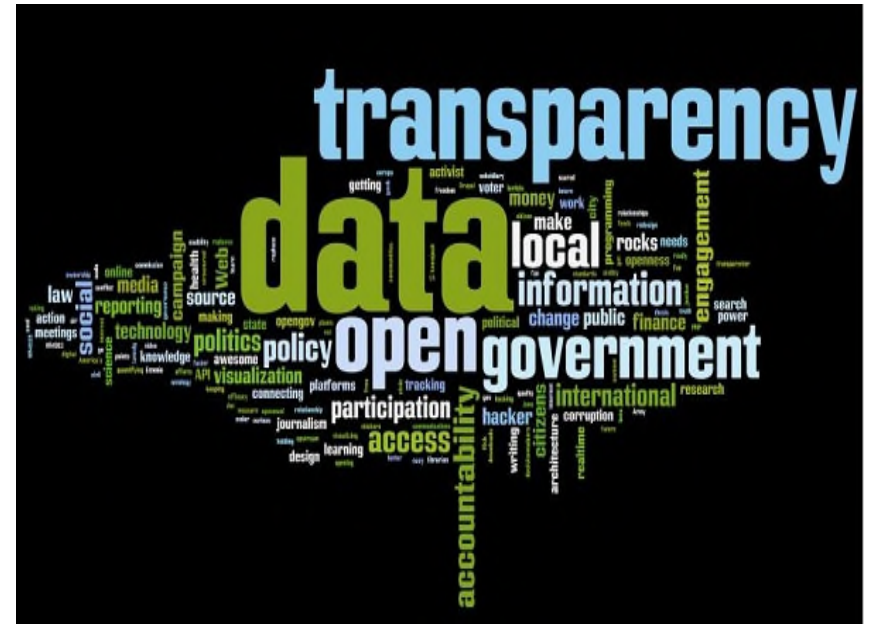- Transparency
- Scope of Work and Goals
- Partnership
- Evaluation Criteria
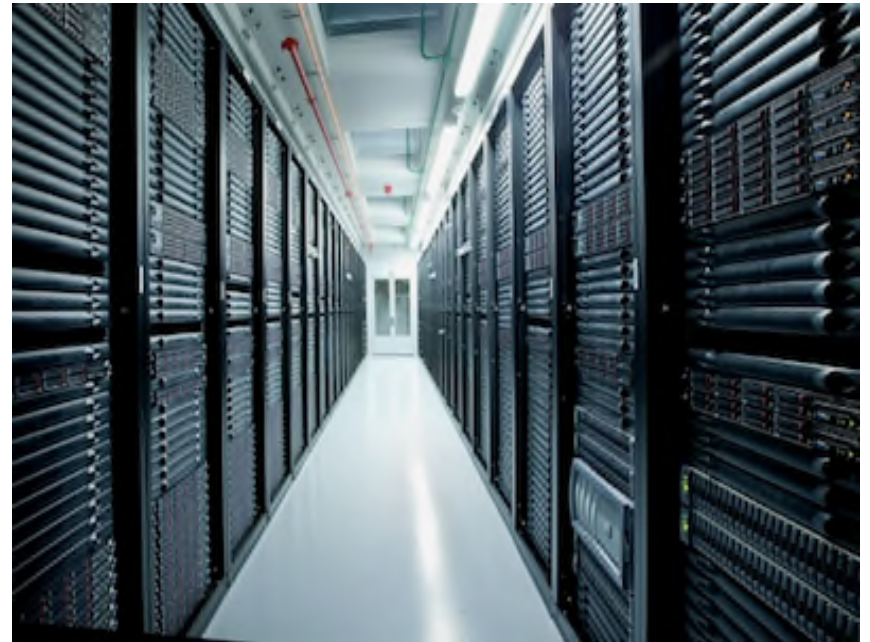- Public Records and Data Ownership
- Deliverables

PRIVACY

- Agency Policy?
- Contractor Requirements?
- Informed Consent?
- Investigations / Subpoenas?
- Data Sharing?

DATA RETENTION

- Retention Policies
- Trust
  - Predictability
  - Manageability
  - Disassociability
- Risk Factors
  - **Costs - $$$**
  - Reputation
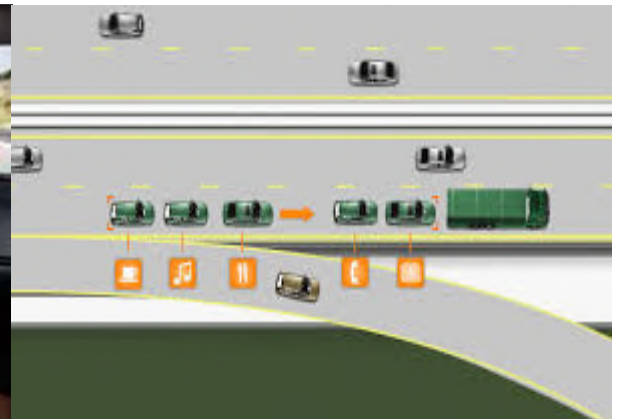 - Programs Goals
  - Future Funding

GETTING RIGHT PEOPLE IN THE ROOM

- Planners
- Public Works
- IT
- Procurement
- Policy
- Risk Manager
- Law Enforcement
- Attorneys
  - We like talking EARLY!
- Private and Public
- Elected Officials

IMAGINE THIS…

NOT THIS!!!

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