January 31, 2018

SMART REGION SACRAMENTO

ITS Architecture and Future Technology Master and Implementation Plan

KICK-OFF MEETING

SACOG

Kimley»Horn

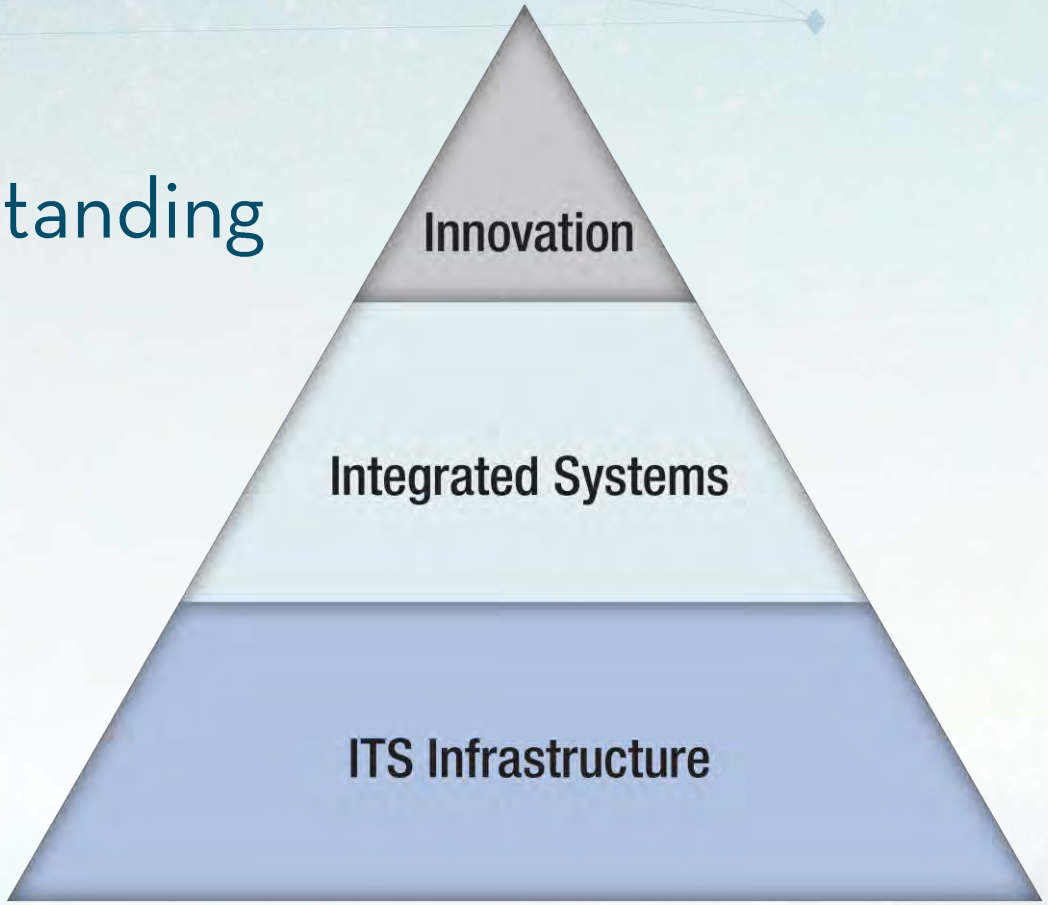
Expect More. Experience Better.

Project Team

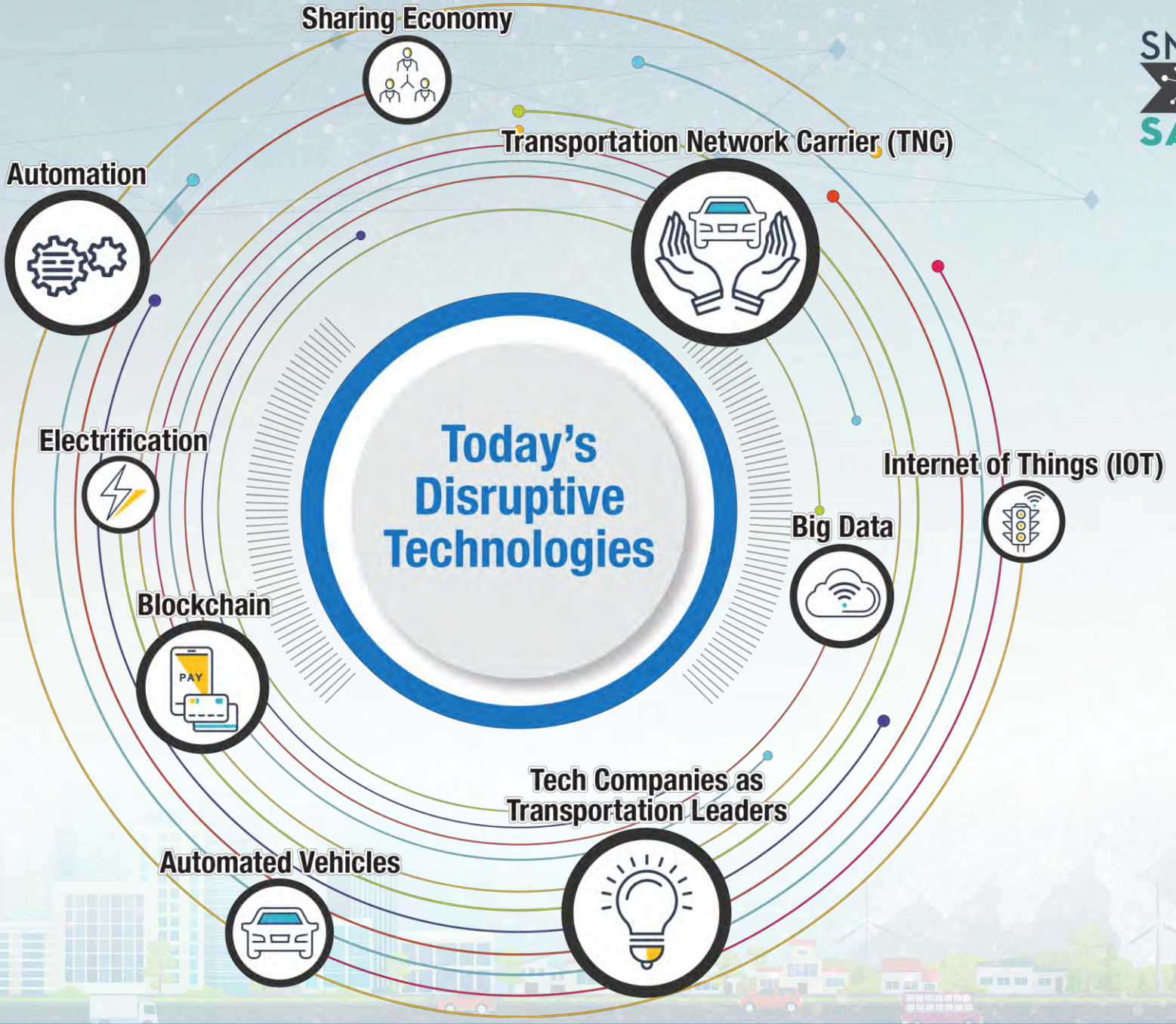
- SACOG
- Kimley-Horn
  - AIM Consulting: Outreach
  - Consensus System Technologies: ITS Architecture
  - TransSIGHT: Concept of Operations/Big Data
  - Silicon Transportation Consultants: Smart Cities
  - Data Insight Discovery: Big Data
- Member and Participating Agencies

What is the purpose of this meeting?

- "Kick-Off" meeting
- Establish consistent understanding and expectations
- High-level discussion
- Information gathering
- Local needs focus



SMART REGION SACRAMENTO



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Electrification

VW bringing electric car testing program here

BY DALE KASLER AND RYAN LILLIS
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Sacramento motorists probably know this already: For all its sprawl and lengthy commutes, the city is far more manageable then Los Angeles.

Which is why Sacramento, and not Los Angeles, is about to be showered with a fleet of electric cars supplied by Volkswagen.

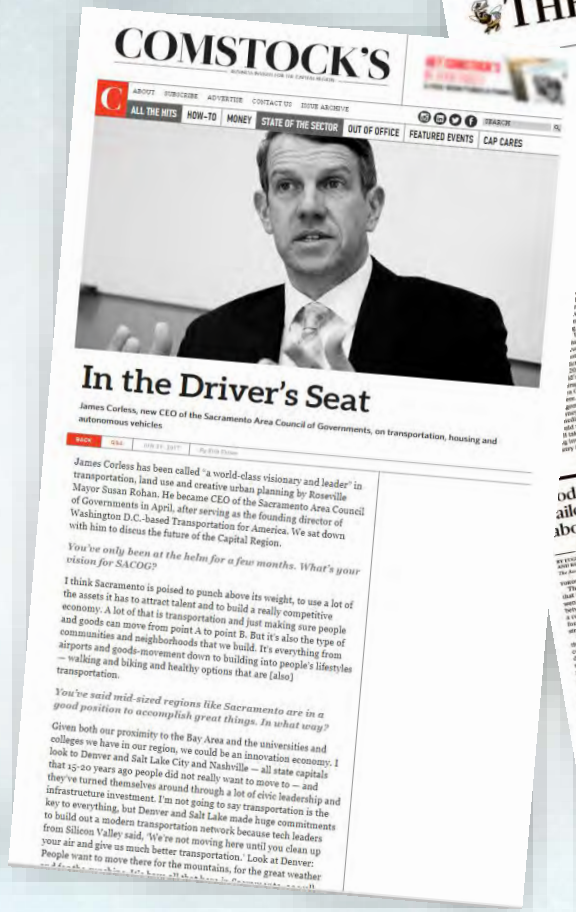
The carmaker announced Thursday it has chosen Sacramento as its first "Green City," the place where it plans to spend $44 million building an electric car-sharing service, a slew of vehicle-charging stations and other benefits.

The program is part of the $14.7 billion settlement Volkswagen made with state and federal officials last fall after admitting it rigged thousands of diesel cars with software designed to get around air pollution regulations. Of the $14.7 billion, Volkswagen pledged to spend $800 million over ten years promoting electric car usage in California.

Mark McNabb, president of Volkswagen's Electrify America subsidiary, said a car-sharing program is a way of making electric cars available to moderate-

SEE VOLKSWAGEN, 2F

GROVE
San Rogue S



Transportation Network Carriers

Automated Vehicles

Mayor Darrell Steinberg, left, U.S. Rep. Doris Matsui, and Kings owner Vivek Ranadive announce a public-private partnership to a bring driverless car testing to the capital.

City leaders offer streets as test area for driverless cars

BY TONY BIZJAK
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Sacramento stepped up its push to become a national testing ground for driverless cars Wednesday, holding a private meeting downtown with automakers and technology company representatives, then calling a press conference to say Sacramento is hungry to be an robot car leader.

Mayor Darrell Steinberg and Rep. Doris Matsui convened an invitation-only group of several dozen manufacturers, entrepreneurs, regulators and business community members to offer its streets as a proving ground for the technology that many say will revolutionize driving in the next few decades.

One of those leaders, Kings managing partner and former tech CEO Vivek Ranadive, said he feels that Sacramento is in a race with other communities, some of whom, including San Francisco, Pittsburgh and Phoenix, already have autonomous test cars on their streets.

During the meeting, he said, he issued "what I call the Kings challenge: By the time we open for the new (basketball) season, Nov. 1, we'd like to have 50 people, including the three of us, ride to the game in autonomous vehicles."

Speaking afterward, Steinberg, Matsui and Ranadive said they solicited industry leaders' advice on what steps the city should take to position itself, including what policies and regulations need to be created, what insurance and liability issues need to be addressed, and what technology needs to be in place to accommodate vehicle testing.

City officials say the downtown street grid, downtown railyard streets, and Interstate 5 between downtown and Sacramento International Airport could serve as the testing areas. That means cars could give legislators a ride to the airport so they can check out the technology.

The city is calling its nascent effort the Autonomous Transportation Open Standards Lab.

Matsui said she wants the city to take a lead role in helping the state Department of Motor Vehicles and the federal Department of Transportation during their efforts this year to come up with testing standards.

"This is not a pipe dream at all," she said. "There is momentum. I really feel this is the moment. We want to know what they need."

Matsui, who was injured last year in a car crash in Washington, D.C., said her goal is to help make driving safer. She cited data showing that 94 percent of crashes are due to driver error.

Steinberg, who took office in December, has said one of his chief goals is to make the city more attractive to entrepreneurs, new technology companies and people with a creative bent.

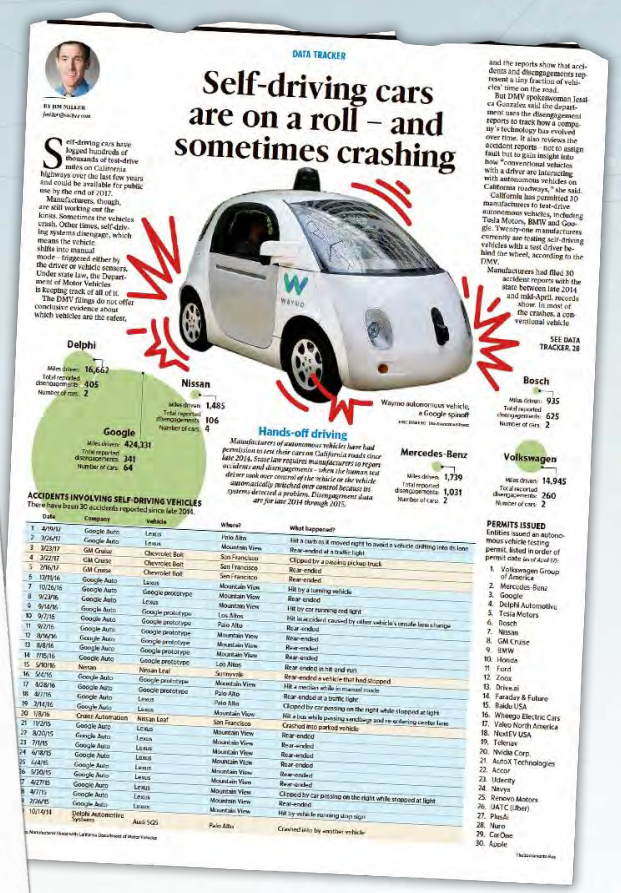
"Today's message was, 'We are all in,'" Steinberg said. "We are willing to take risks. We are hungry for change. Sacramento is the perfect petri dish to not only test this technology, but to show how it can be brought to scale."

The trio offered only a few names of the technology, auto and other companies that participated in the morning meeting, including Uber and Lyft.

"Everyone you'd expect," Steinberg said.

That included Daniel Kan of Cruise Automation, a San Francisco autonomous technology company that was recently sold to General Motors for $1 billion, according to Fortune magazine. Kan declined comment.

Tony Bizjak: 916-321-1059, @TonyBizjak



DATA TRACKER

Self-driving cars are on a roll – and sometimes crashing

BY JIM MILLER
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Self-driving cars have logged hundreds of thousands of test-drive miles on California highways over the last few years and could be available for public use by the end of 2017.

Manufacturers, though, are still working out the kinks. Sometimes the vehicles crash. Other times, self-driving systems disengage, which means the vehicle shifts into manual mode – triggered either by the driver or vehicle sensors. Under state law, the Department of Motor Vehicles is keeping track of all of it.

The DMV filings do not offer conclusive evidence about which vehicles are the safest, and the reports show that accidents and disengagements represent a tiny fraction of vehicles' time on the road.

But DMV spokeswoman Jessica Gonzalez said the department uses the disengagement reports to track how a company's technology has evolved over time. It also reviews the accident reports – not to assign fault but to gain insight into how "conventional vehicles with a driver are interacting with autonomous vehicles on California roadways," she said.

California has permitted 30 manufacturers to test-drive autonomous vehicles, including Tesla Motors, BMW and Google. Twenty-one manufacturers currently are testing self-driving vehicles with a test driver behind the wheel, according to the DMV.

Manufacturers had filed 30 accident reports with the state between late 2014 and mid-April, records show. In most of the crashes, a conventional vehicle

SEE DATA TRACKER, 2B

Delphi
Miles driven: 16,662
Total reported disengagements: 405
Number of cars: 2

Google
Miles driven: 424,331
Total reported disengagements: 341
Number of cars: 64

Nissan
Miles driven: 1,485
Total reported disengagements: 106
Number of cars: 4

Bosch
Miles driven: 935
Total reported disengagements: 625
Number of cars: 2

Mercedes-Benz
Miles driven: 1,739
Total reported disengagements: 1,031
Number of cars: 2

Volkswagen
Miles driven: 14,945
Total reported disengagements: 260
Number of cars: 2

Waymo autonomous vehicle, a Google spinoff

Hands-off driving

Manufacturers of autonomous vehicles have had permission to test their cars on California roads since late 2014. State law requires manufacturers to report accidents and disengagements – when the human test driver took over control of the vehicle or the vehicle automatically switched over control because its systems detected a problem. Disengagement data are for late 2014 through 2015.

ACCIDENTS INVOLVING SELF-DRIVING VEHICLES

There have been 30 accidents reported since late 2014.

	Date	Company	Vehicle	Where?	What happened?
1	4/19/17	Google Auto	Lexus	Palo Alto	Hit a curb as it moved right to avoid a vehicle drifting into its lane
2	3/24/17	Google Auto	Lexus	Mountain View	Rear-ended at a traffic light
3	3/23/17	GM Cruise	Chevrolet Bolt	San Francisco	Clipped by a passing pickup truck
4	3/22/17	GM Cruise	Chevrolet Bolt	San Francisco	Rear-ended
5	2/16/17	GM Cruise	Chevrolet Bolt	San Francisco	Rear-ended
6	12/11/16	Google Auto	Lexus	Mountain View	Rear-ended
7	10/26/16	Google Auto	Google prototype	Mountain View	Hit by a turning vehicle
8	9/23/16	Google Auto	Lexus	Mountain View	Rear-ended
9	9/14/16	Google Auto	Lexus	Mountain View	Hit by car running red light
10	9/7/16	Google Auto	Google prototype	Los Altos	Hit in accident caused by other vehicle's unsafe lane change
11	9/2/16	Google Auto	Google prototype	Palo Alto	Rear-ended
12	8/16/16	Google Auto	Google prototype	Mountain View	Rear-ended
13	8/8/16	Google Auto	Google prototype	Mountain View	Rear-ended
14	7/18/16	Google Auto	Google prototype	Mountain View	Rear-ended
15	5/30/16	Nissan	Nissan Leaf	Los Altos	Rear-ended in hit-and-run
16	5/6/16	Google Auto	Google prototype	Sunnyvale	Rear-ended a vehicle that had stopped
17	4/28/16	Google Auto	Google prototype	Mountain View	Hit a median while in manual mode
18	4/7/16	Google Auto	Lexus	Palo Alto	Rear-ended at a traffic light
19	2/14/16	Google Auto	Lexus	Palo Alto	Clipped by car passing on the right while stopped at light
20	1/8/16	Cruise Automation	Nissan Leaf	Mountain View	Hit a bus while passing vandalism and re-entering center lane
21	11/3/15	Google Auto	Lexus	San Francisco	Crashed into parked vehicle
22	8/20/15	Google Auto	Lexus	Mountain View	Rear-ended
23	7/1/15	Google Auto	Lexus	Mountain View	Rear-ended
24	6/18/15	Google Auto	Lexus	Mountain View	Rear-ended
25	6/4/15	Google Auto	Lexus	Mountain View	Rear-ended
26	5/20/15	Google Auto	Lexus	Mountain View	Rear-ended
27	4/27/15	Google Auto	Lexus	Mountain View	Rear-ended
28	4/7/15	Google Auto	Lexus	Mountain View	Clipped by car passing on the right while stopped at light
29	2/26/15	Google Auto	Lexus	Mountain View	Rear-ended
30	10/14/14	Delphi Automotive Systems	Audi SQ5	Palo Alto	Crashed into by another vehicle

PERMITS ISSUED

Entities issued an autonomous vehicle testing permit, listed in order of permit date (as of April 10):

1. Volkswagen Group of America
2. Mercedes-Benz
3. Google
4. Delphi Automotive
5. Tesla Motors
6. Bosch
7. Nissan
8. GM Cruise
9. BMW
10. Honda
11. Ford
12. Zoox
13. Drive.ai
14. Faraday & Future
15. Baidu USA
16. Wheego Electric Cars
17. Valeo North America
18. NextEV USA
19. Telenav
20. Nvidia Corp.
21. AutoX Technologies
22. Accor
23. Udacity
24. Nexyo
25. Renovo Motors
26. UATC (Uber)
27. Pleuti
28. Nuro
29. CarDee
30. Apple

THE SACRAMENTO BEE | Local | 3A

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Capital, Verizon seek a deal on internet system

Free WiFi at parks if firm can run wire through city's pipes

BY ANITA CHABRIA
achabria@sacbee.com

Wireless giant Verizon and the city of Sacramento want to make a deal.

Mayor Darrell Steinberg on Thursday will announce a plan in which the city would give Verizon fast permitting and access to city pipes for cable in exchange for a next-generation internet backbone and amenities such as free WiFi at 27 parks.

Steinberg said he believes the technological leap could expand internet access in the city's disadvantaged communities and position the city as a testing ground for new technology.

Steinberg said Wednesday the proposed deal represented "a new era of Sacramento" as it pushes to become a destination city for tech firms. He said the deal doesn't tie the city to Verizon and he hopes it will become a model for similar partnerships with other companies.

Details of the proposed contract were not available Wednesday, but a memo about the public-private partnership said Verizon would get free use of 101 small cell towers for 10 years, and low-cost rates for 5G cell locations when that technology becomes commercially available in coming years.

Verizon also could use a network of conduit the city owns to pull its own fiber-optic cables through, saving on construction costs.

According to the memo, the deal could bring residents free WiFi in 27 parks for five years; digital kiosks with free lightning-fast services; traffic signals connected and controlled by a main city brain; and police cameras that can follow subjects.

Verizon would build a fiber-optic backbone capable of supporting bandwidth-hungry new technologies. Steinberg said that would boost economic development by attracting companies eager to test products that rely on fast wireless connections – such as self-driving cars.

The City Council is expected to vote on the deal Tuesday.

Verizon vice president Lani Ingram said the company would benefit by rolling out multiple types of products at once – from consumer wireless to advertising on kiosks – with easier permitting and upfront costs.

"That saves us time and money and energy and allows us to be able to do more," Ingram said. "The entire rollout becomes way more efficient."

Ingram said the deal also benefits Verizon because it has the potential to create a showcase city that the company can use to sell the concept in other markets.

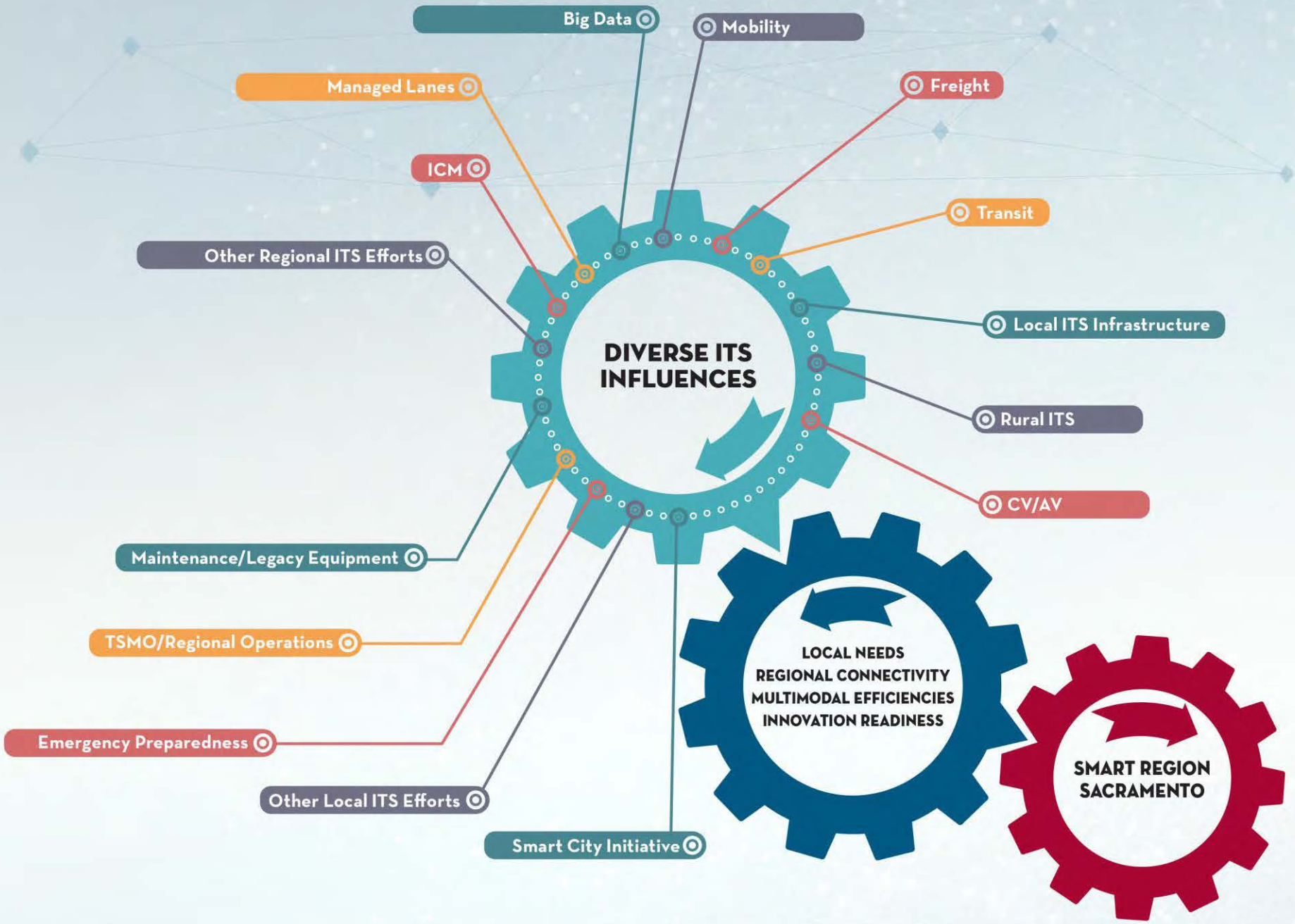
"We would love to be able to do something here and then be able to bring lots of other folks over to Sacramento and say, 'Look what's possible,'" said Ingram.

Pablo Spiller, a business and technology professor emeritus at UC Berkeley Haas School of Business, said the proposed partnership was not an uncommon model in smaller cities. Spiller said "in general these types of programs are good in the sense they provide a boost to deployment" of new technologies.

Spiller cautioned that technology alone, however, doesn't always create

SEE VERIZON, 5A

Internet of Things



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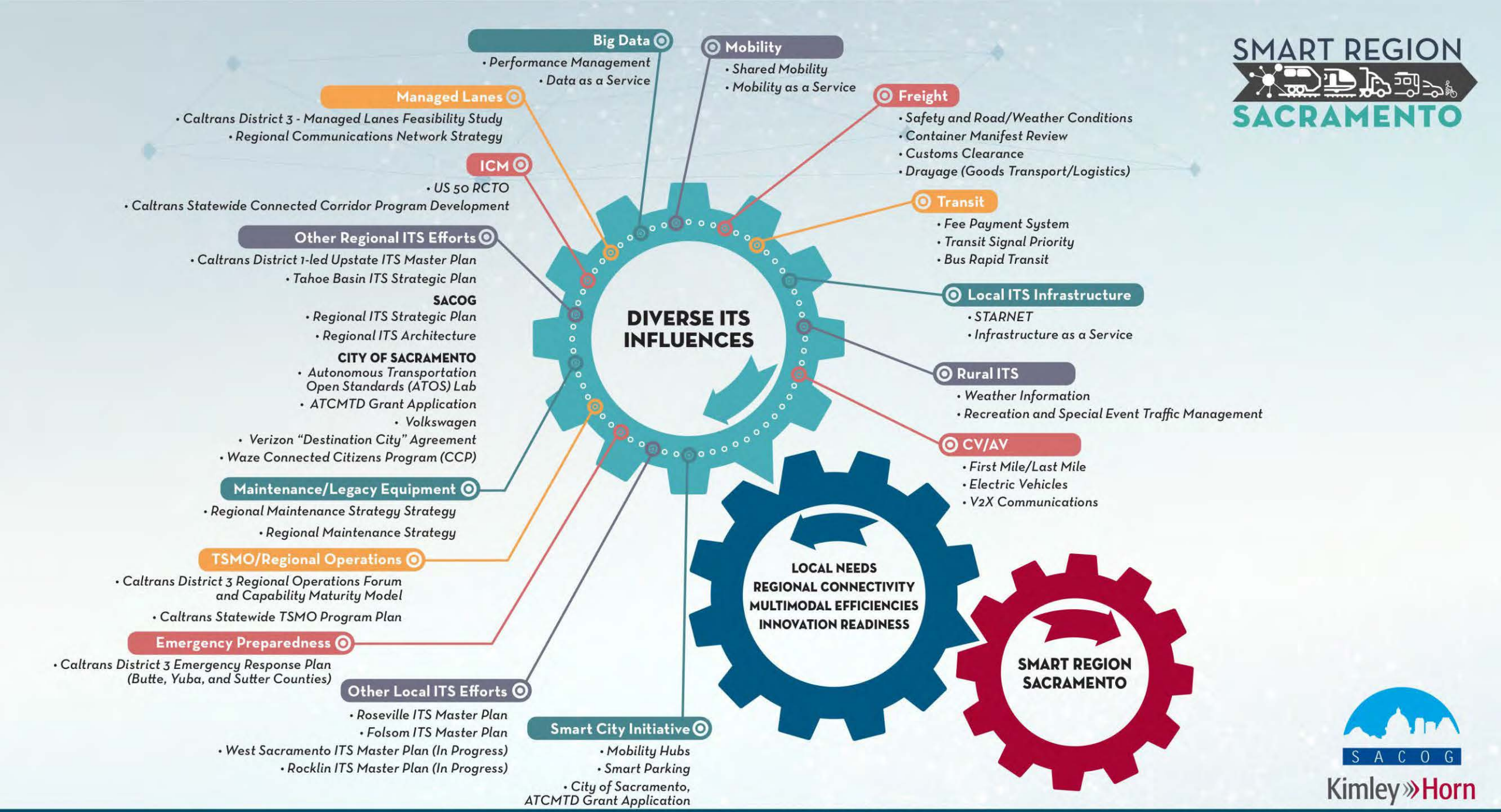
SMART REGION SACRAMENTO
DIVERSE ITS INFLUENCES
LOCAL NEEDS
REGIONAL CONNECTIVITY
MULTIMODAL EFFICIENCIES
INNOVATION READINESS
SMART REGION SACRAMENTO
Big Data
• Performance Management
• Data as a Service
Mobility
• Shared Mobility
• Mobility as a Service
Freight
• Safety and Road/Weather Conditions
• Container Manifest Review
• Customs Clearance
• Drayage (Goods Transport/Logistics)
Managed Lanes
• Caltrans District 3 - Managed Lanes Feasibility Study
• Regional Communications Network Strategy
ICM
• US 50 RCTO
• Caltrans Statewide Connected Corridor Program Development
Transit
• Fee Payment System
• Transit Signal Priority
• Bus Rapid Transit
Other Regional ITS Efforts
• Caltrans District 1-led Upstate ITS Master Plan
• Tahoe Basin ITS Strategic Plan
SACOG
• Regional ITS Strategic Plan
• Regional ITS Architecture
CITY OF SACRAMENTO
• Autonomous Transportation Open Standards (ATOS) Lab
• ATCMTD Grant Application
• Volkswagen
• Verizon "Destination City" Agreement
• Waze Connected Citizens Program (CCP)
Local ITS Infrastructure
• STARNET
• Infrastructure as a Service
Rural ITS
• Weather Information
• Recreation and Special Event Traffic Management
CV/AV
• First Mile/Last Mile
• Electric Vehicles
• V2X Communications
Maintenance/Legacy Equipment
• Regional Maintenance Strategy Strategy
• Regional Maintenance Strategy
TSMO/Regional Operations
• Caltrans District 3 Regional Operations Forum and Capability Maturity Model
• Caltrans Statewide TSMO Program Plan
Emergency Preparedness
• Caltrans District 3 Emergency Response Plan (Butte, Yuba, and Sutter Counties)
Other Local ITS Efforts
• Roseville ITS Master Plan
• Folsom ITS Master Plan
• West Sacramento ITS Master Plan (In Progress)
• Rocklin ITS Master Plan (In Progress)
Smart City Initiative
• Mobility Hubs
• Smart Parking
• City of Sacramento, ATCMTD Grant Application
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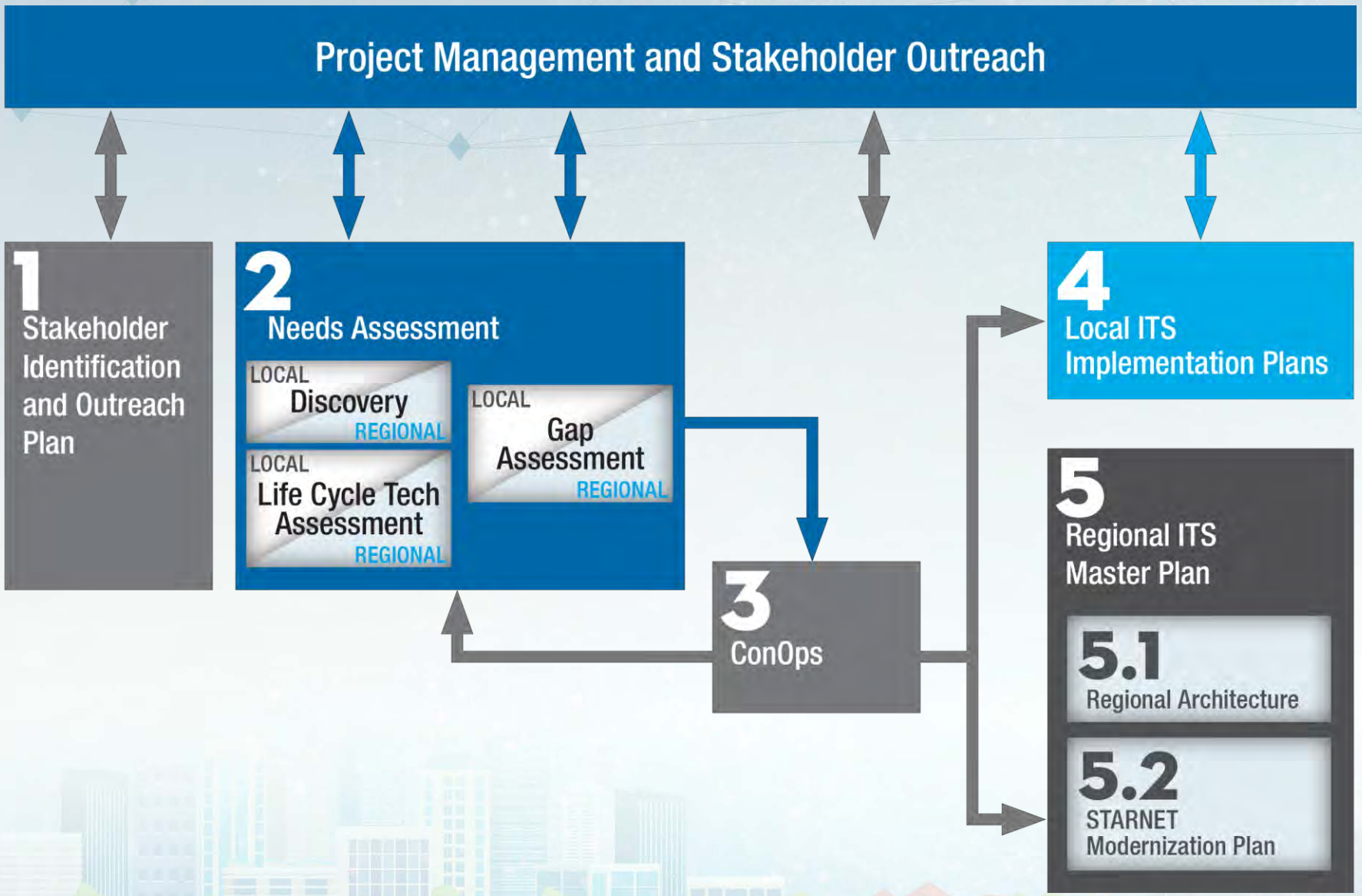

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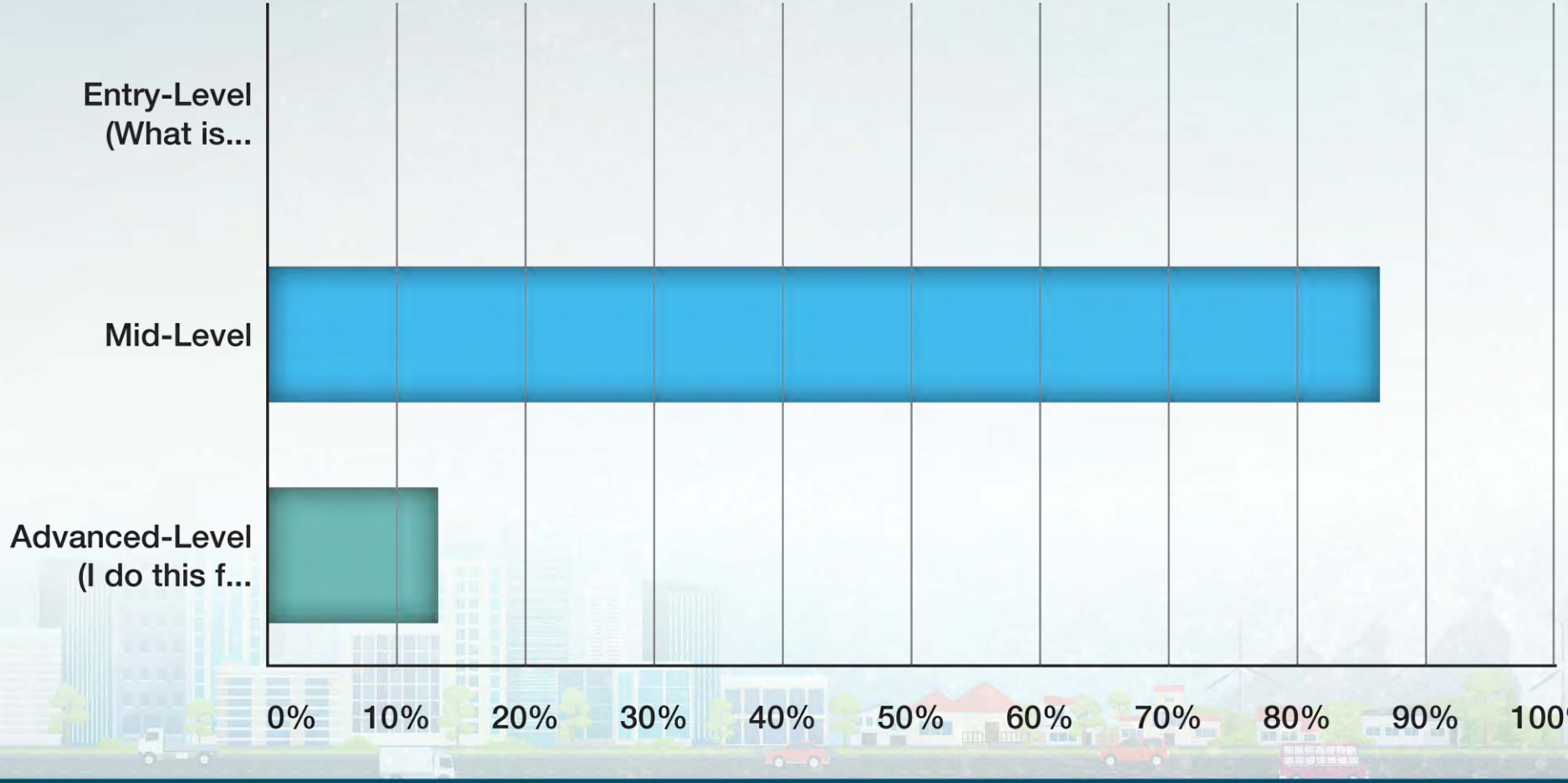
Stakeholder Engagement Activities

- Project Website (www.smartregionsacramento.org)
- Comprehensive Outreach Plan
- Advisory Committee Meetings
- Local Agency Meetings
- Stakeholder Briefings
- ITS Architecture Development and Roll-Out Workshops (2)
- Individual Follow-ups

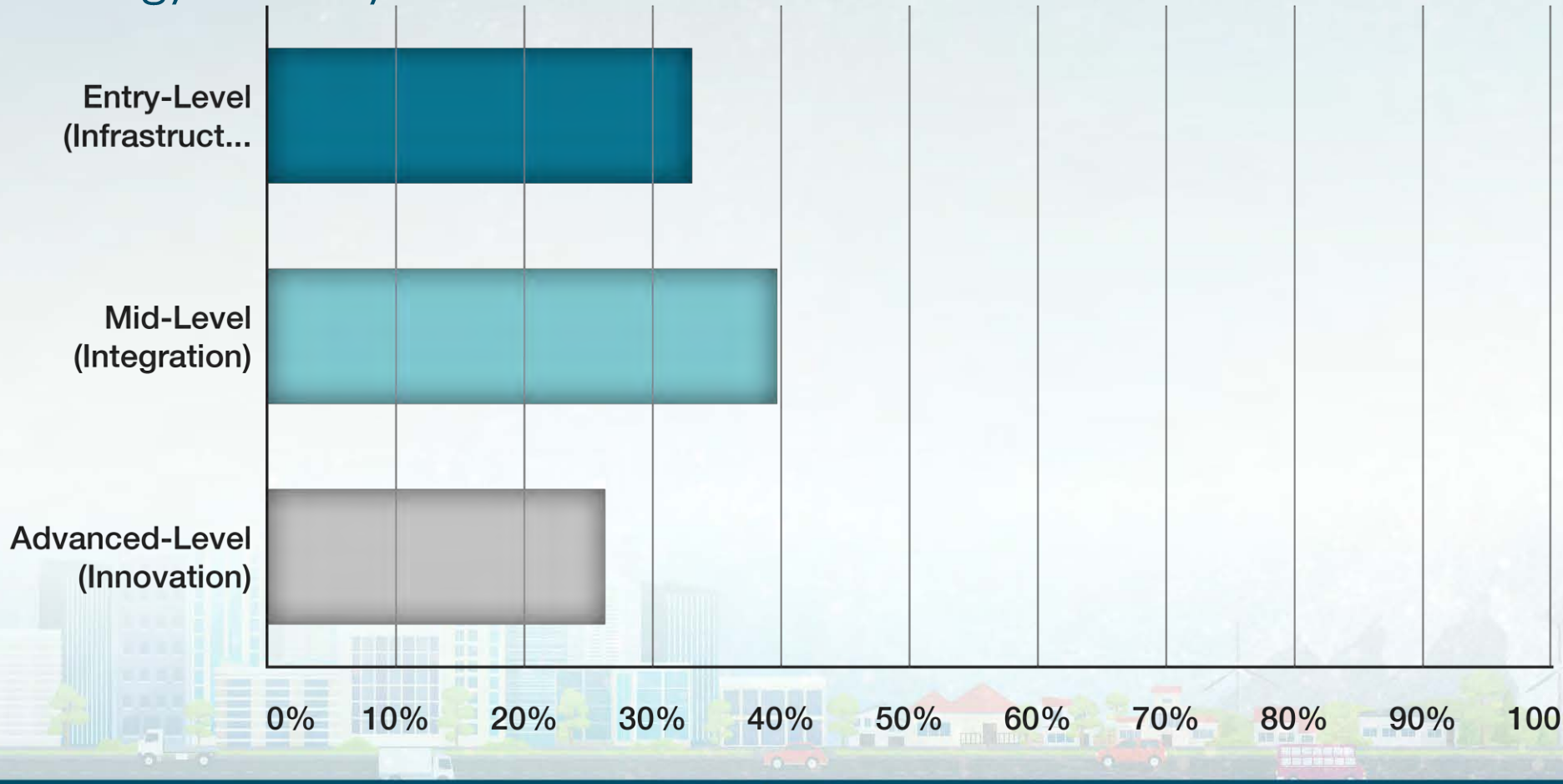
Survey Question #1

How would you rate your personal technology maturity?



Survey Question #2

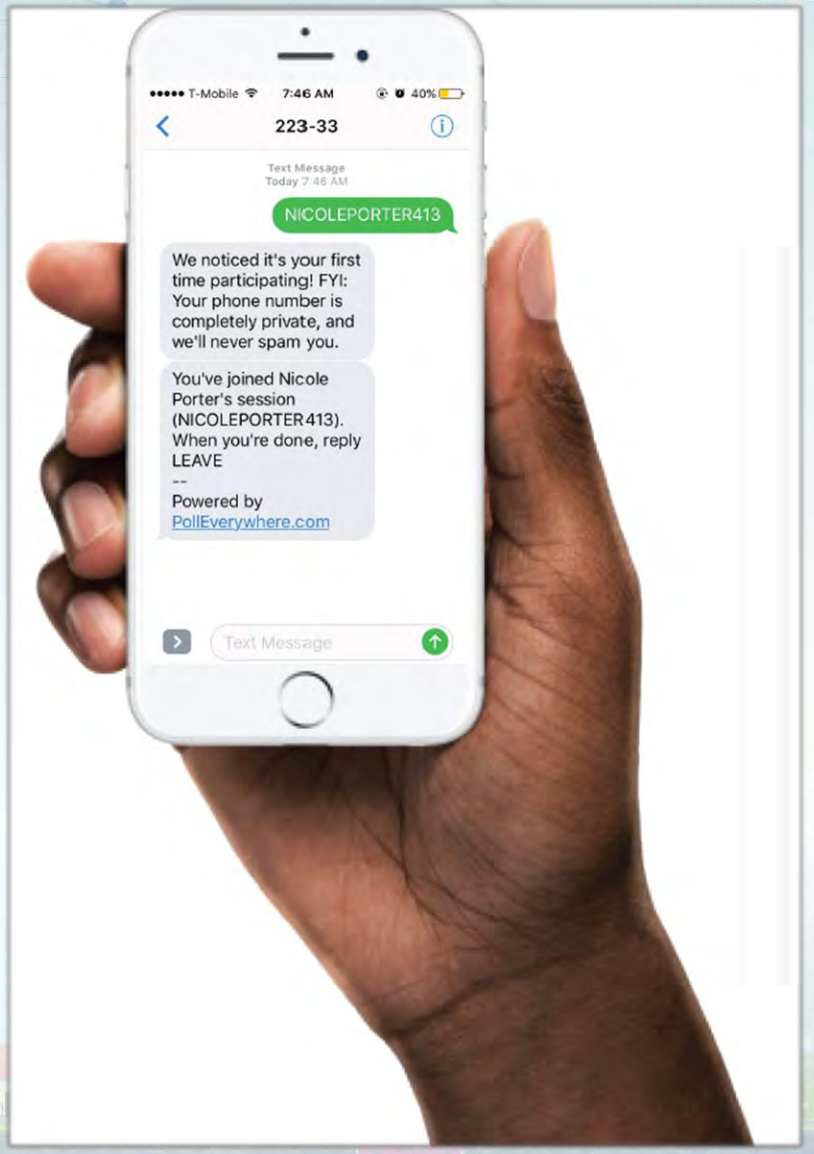
How would you rate the broad status of your agency's or organization's technology maturity?



Live Polling Exercise

To get started:

1. Text **AIMCONSULTING** to **22333**
2. You will receive a confirmation message.



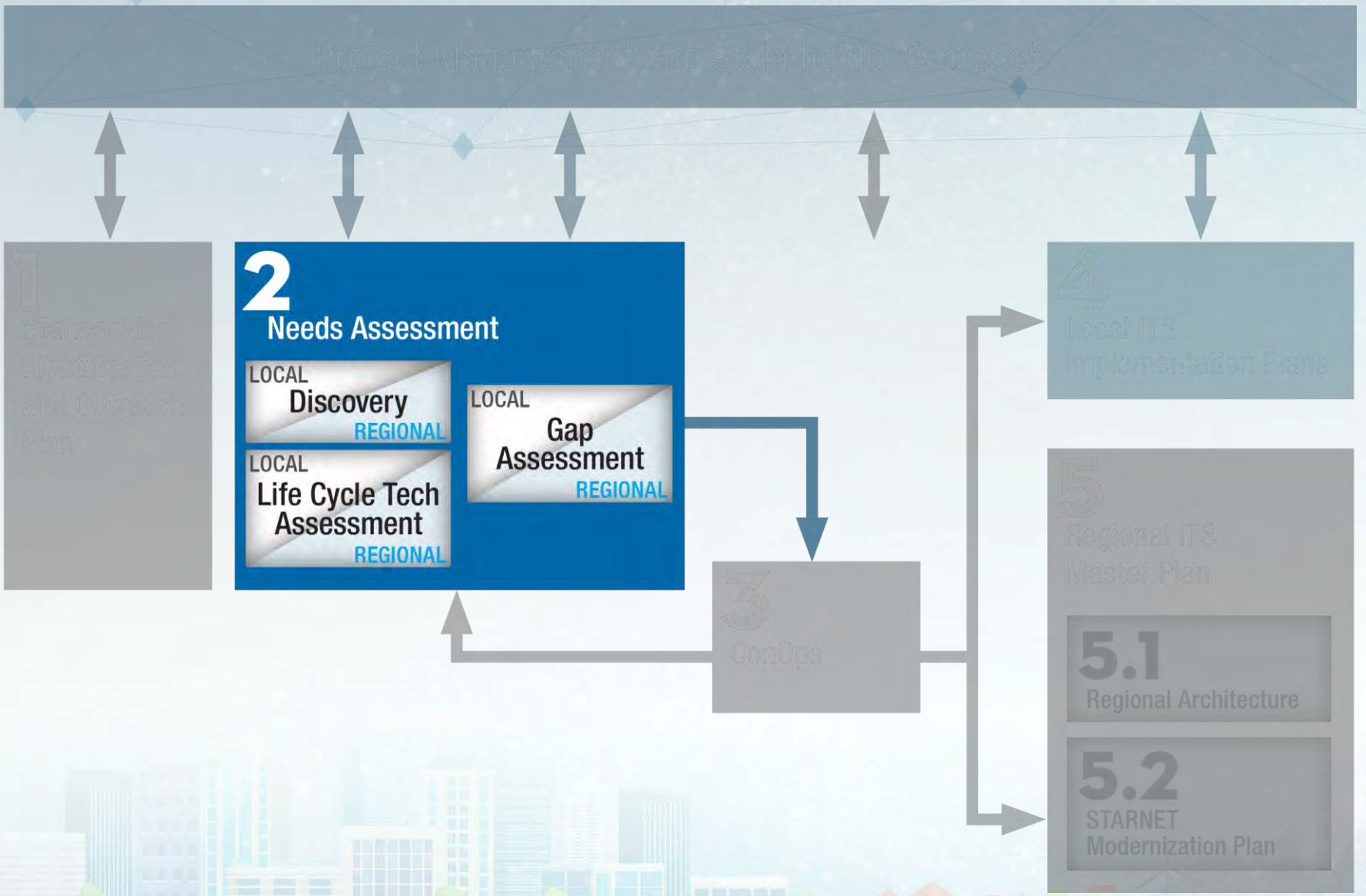
Live Poll #1 (Test Questions)

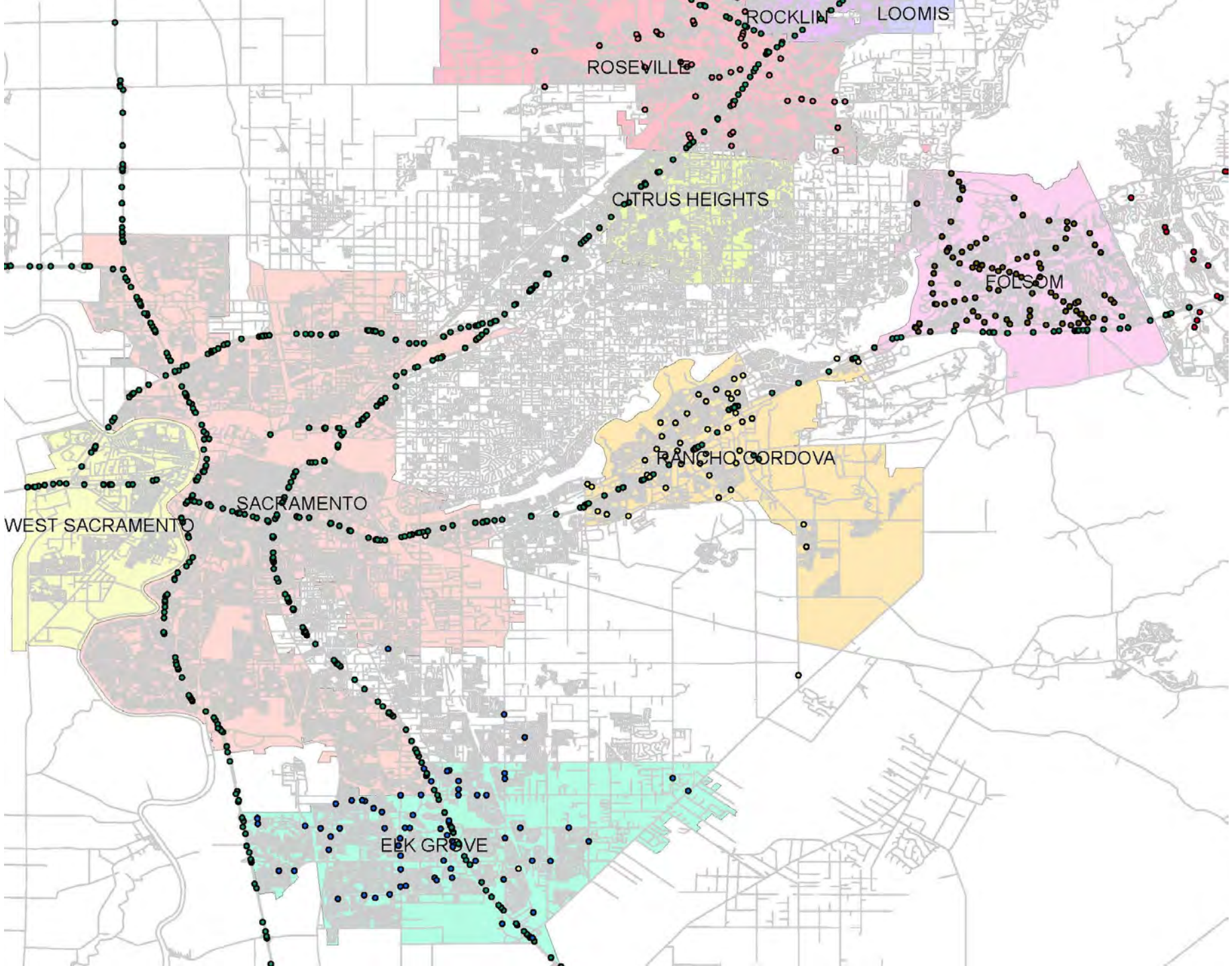
- Today is?
  - Monday, Tuesday, or Wednesday
- Who will win the Super Bowl?
  - Patriots, Eagles, or 49ers

Live Poll #1

How would you rate the Sacramento Region's Technology Maturity?

- o Entry-Level (Infrastructure)
- o Mid-Level (Integration)
- o Advanced-Level (Innovation)


Project Management and Stakeholder Outreach
1
Stakeholder Identification and Outreach Plan
2
Needs Assessment
LOCAL
Discovery
REGIONAL
LOCAL
Life Cycle Tech Assessment
REGIONAL
LOCAL
Gap Assessment
REGIONAL
3
ConOps
4
Local ITS Implementation Plans
5
Regional ITS Master Plan
5.1
Regional Architecture
5.2
STARNET Modernization Plan


ROCKLIN
LOOMIS
ROSEVILLE
CITRUS HEIGHTS
FOLSOM
RANCHO CORDOVA
SACRAMENTO
WEST SACRAMENTO
ELK GROVE

Survey Question #3

What technology do you perceive as being the highest priority for your agency or organization?

Survey Question #3 (responses)

- Communications – 3
- Not Sure/Don't Know – 2
- Traffic Operations Center – 2
- CV / AV – 2
- Document and Database Management – 1
- Adaptive Signal Timing – 1
- Non-intrusive Vehicle Detection – 1
- Rural Technologies – 1
- Bus Safety and Performance Technology – 1
- ITS – 1

Survey Question #4

What do you see as the biggest challenge for implementing new technologies in your agency or organization?

Survey Question #4 (responses)

- Cost / Funding
- Applicability / Choosing the Right Technology
- Knowledge / Staff Resources / Staff Training
- Integration With / Upgrading Existing Systems
- Bureaucratic Processes and Public Agency Funding Restrictions
- Developing Standards / Implementation Plan
- Multiple databases / Different Objectives

Survey Question #5

What rural transportation challenges do you think technology can address?

Survey Question #5 (responses)

- Traffic Data Collection – Real-time and Planning
- Traveler Information
- Advanced Warnings
- Accessibility to Services
- Trip Conglomeration / Tourism Congestion
- Closing the Digital Divide / Wireless Network Capabilities
- On Demand Transit
- Infrequent Demand / Low Demand
- Customer Payment

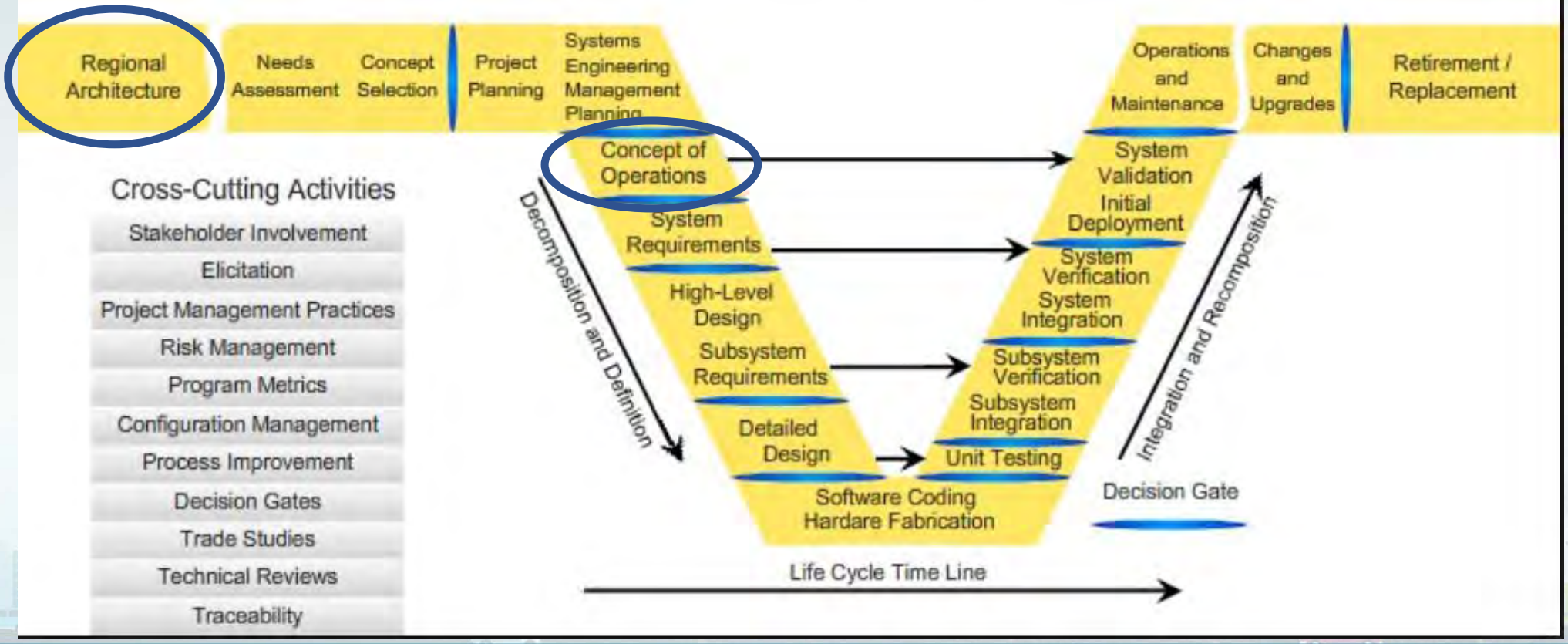
Live Poll #2

What are the top three transportation issues in your jurisdiction?

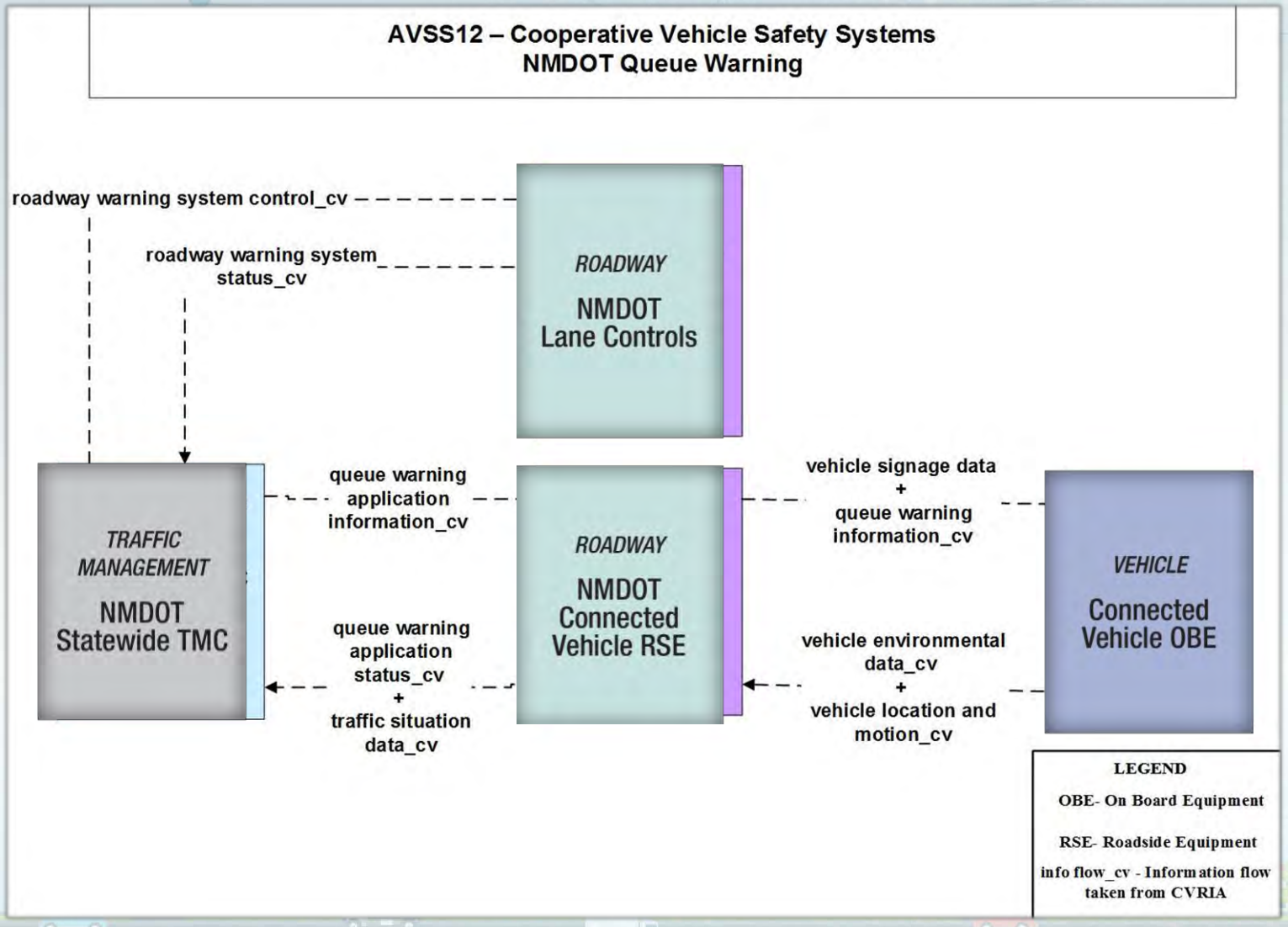
- Incidents, Traffic Congestion, Transit Ridership, Bicycle/Pedestrian Mobility/Safety, Extend of communications network, ability to process big data, knowing how other agencies are operating their systems, freight mobility, first mile/last mile service, special events, tourist/recreational traffic, enhancing legacy equipment

Systems Engineering Process

Phase -1	Phase 0	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5
Interfacing with Planning and the Regional Architecture	Concept Exploration and Benefits Analysis	Project Planning and Concept of Operations Development	System Definition and Design	System Development and Implementation	Validation, Operations and Maintenance, Changes & Upgrades	System Retirement / Replacement



ITS Architecture



- ITS Plan at 50,000 ft level (or 330,000 ft)
- Long-range plan of existing and planned services
- Focused on information sharing, connections between systems

Concept of Operations

- Explains operations, not technology
- Every stakeholders' perspective
- Should include maintenance
- Lays the ground work for requirements

- Includes roles and responsibilities
- Operational scenarios – typical peak, special events, major incident, etc.

SMART REGION SACRAMENTO

Smart Region Sacramento: ITS Architecture and Future Technology Project

Site Under Construction

MISSION

To improve system performance, safety, sustainability, and reliability by ensuring efficient investments in regional smart transportation projects.

OBJECTIVES + STRATEGIES

1. **Address smart transportation strategies for urban, suburban, and rural communities**
   a. Identify latest strategies and solutions for rural areas
   b. Active fleet management
   c. Plan and create a communication protocol between partner agencies
2. **Prepare for smart region infrastructure adapting to new technology**
   a. Create traffic operations center at all agencies
   b. Create lifecycle infrastructure replacement program (urban/suburban/rural)
   c. Define how systems will operate together
   d. Create plan for infrastructure compatibility
   e. Share operational control of ITS field elements/systems
   f. Identify technology pieces of shared mobility plan
   g. Implement ICM along regionally significant arterial corridors
3. **Reduce user frustration by providing consistency and reliability**
   a. Utilize high resolution data
   b. Improve multi-modal options
   c. Improve multi-modal reliability
   d. Improve public outreach regarding planned lane/road closures
   e. Centralize signal control
   f. Improve traffic signal infrastructure
4. **Proactively improve transportation system safety**
   a. Create ITS projects to proactively improve safety
   b. Use ITS to prevent secondary collisions
5. **Improve traveler information and dissemination to public and within region**
   a. Integrate third party data
   b. Consolidate public information systems
   c. Implement integrated parking management strategies
6. **Disaster preparedness**

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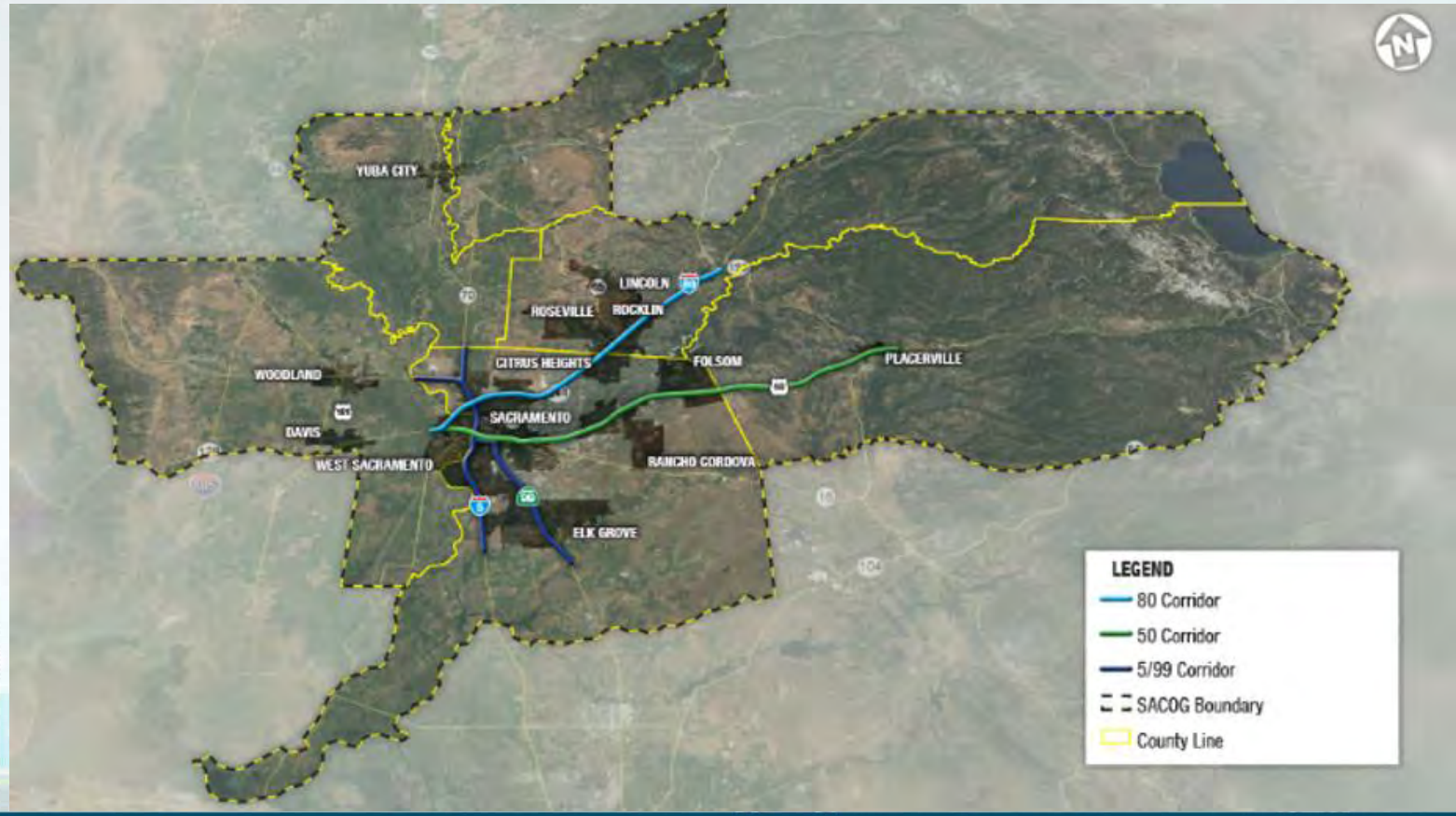
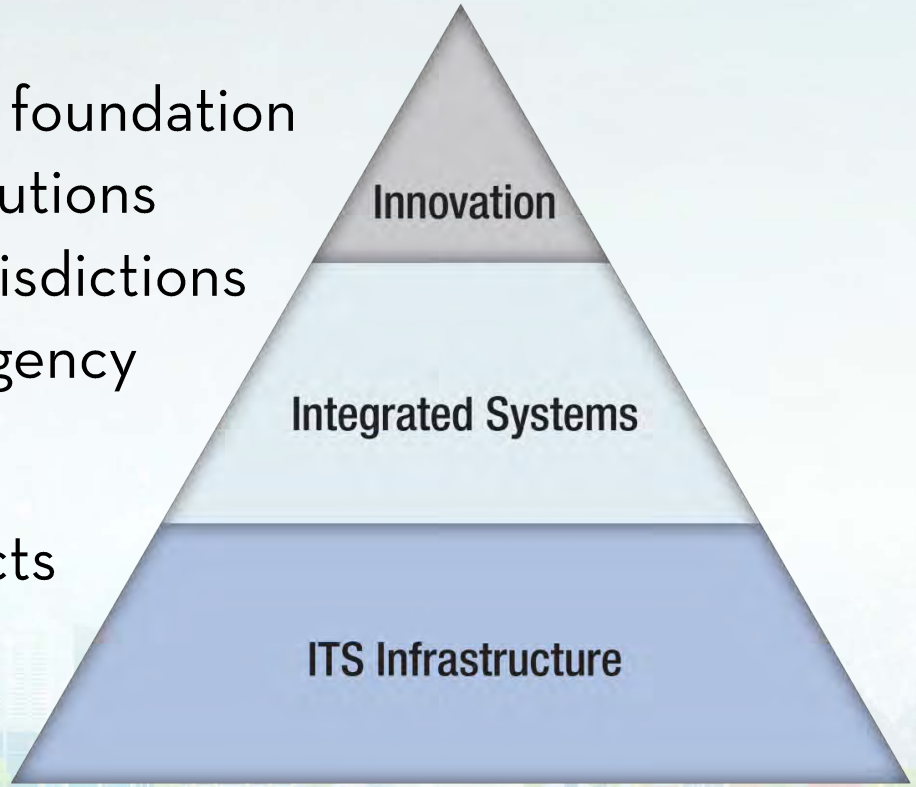
Local Technology Implementation Plans

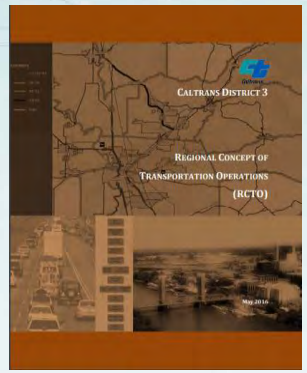
- Online documentation
- Customized reporting options
- Local Plans
  - City of Citrus Heights
  - City of Elk Grove
  - City of Folsom
  - City of Rancho Cordova
  - City of Sacramento
  - El Dorado County
  - Sacramento County
  - Caltrans District 3

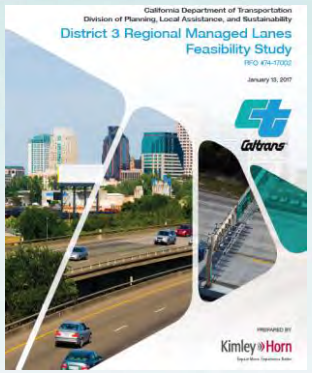


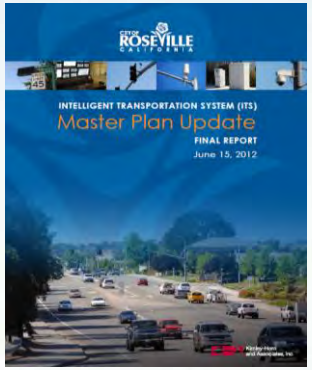
Local Technology Implementation Plans

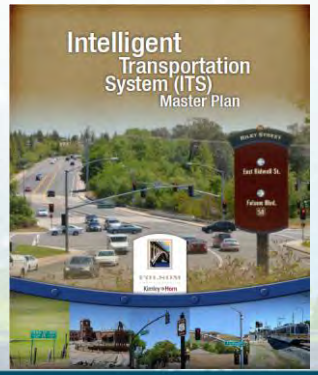
- Leverages and builds on other plans and initiatives in the region
  - Focus on local needs
  - Enhance infrastructure foundation
  - Rural, urban, transit solutions
  - Connectivity across jurisdictions
  - Customized for each agency
- Outcome highlights
  - Prioritized list of projects







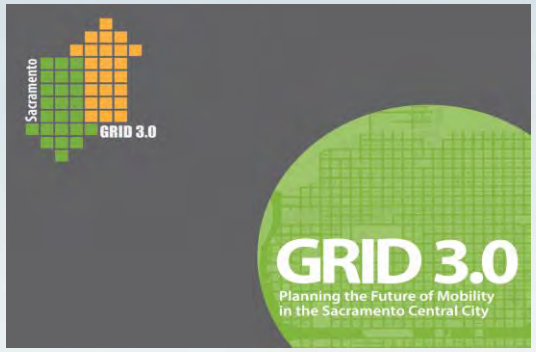




Regional Technology and Mobility Master Plan

- Prioritized list of projects based on different categories to ensure equitable funding distribution
- Compiles similar projects across region for synergy

Industry Roundtable Summit



City of Sacramento

CIVICLAB

SACOG

Golden 1 Center

Industry Roundtable Summit

- Identify opportunities to leverage initiatives
- Introduce concept of Pilot Demonstration Program

Pilot Demonstration Initiatives

- Establish a process for agencies to allow Pilot innovative technologies for a short period of time
- Define a criteria for evaluating performance
- Use results to inform future deployment opportunities

Live Poll #3

What technology companies have approached your jurisdiction for partnering/piloting?

- o Audi
- o BMW
- o GM
- o Uber
- o Lyft
- o Honda
- o Volkswagen
- o Verizon
- o Google
- o Inrix
- o Daktronics
- o Adeptia
- o Easy Mile
- o Global Traffic Technologies (GTT)
- o Kapsch
- o Clever Devices
- o None

Survey Question #6

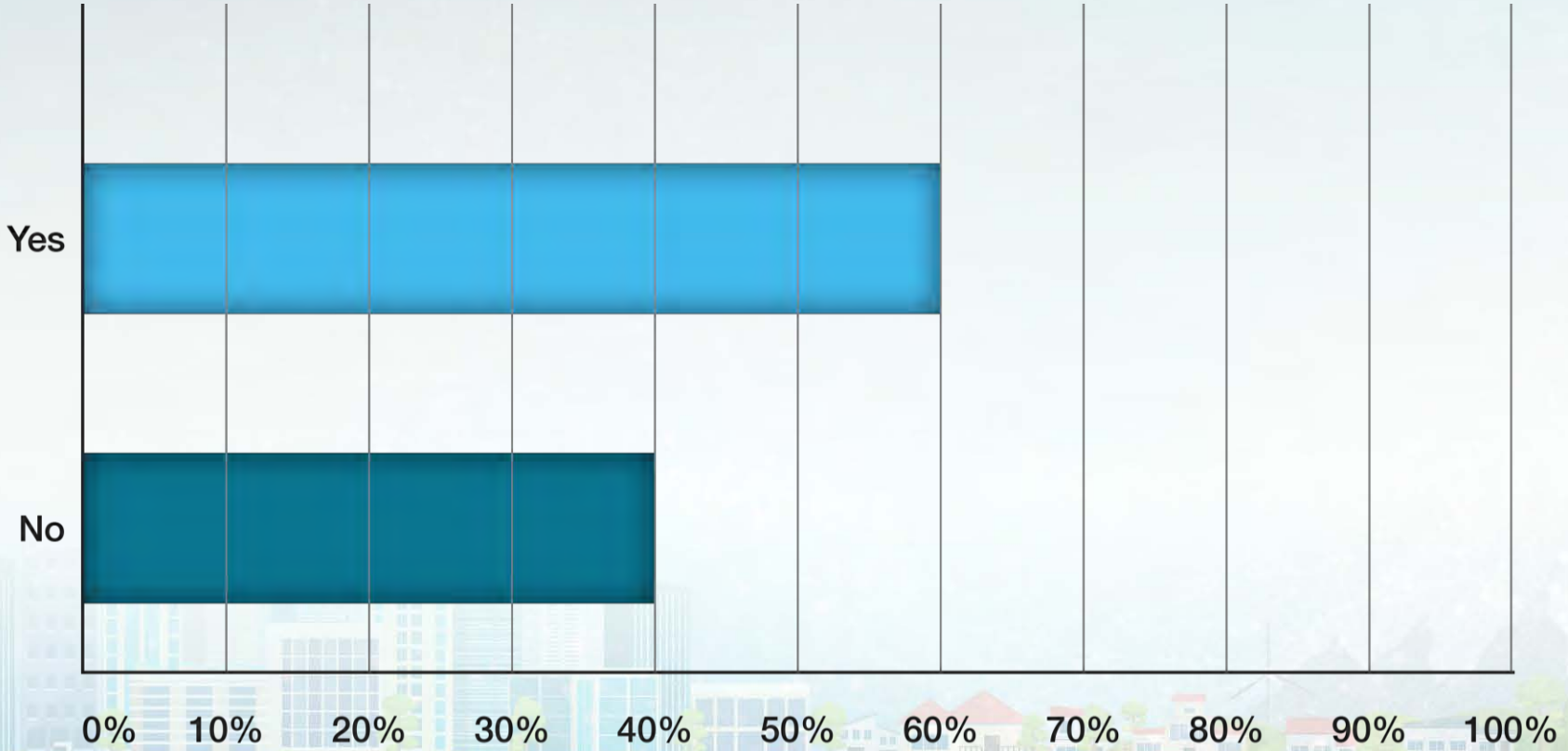
What are the emerging/disruptive technologies that are affecting all things transportation today?

Survey Question #6 (responses)

- Connected Vehicles (CV); Autonomous Vehicles (AV) / Shuttles; Vehicle to Infrastructure (V2I)
- Competing Communications Standards - 5G versus DSRC or Bluetooth versus WiFi
- Ride Sharing Services
- Reduction in employment market share – Sacramento CBD
- Traffic Apps
- AEV
- TaaS
- TNCs – Uber and Lyft
- ITS elements – Video/Radar detection
- Mandatory emission requirements. Electrification. Unlicensed/unregulated transportation options.
- How to incorporate emerging/disruptive technologies without starting from scratch on the infrastructure

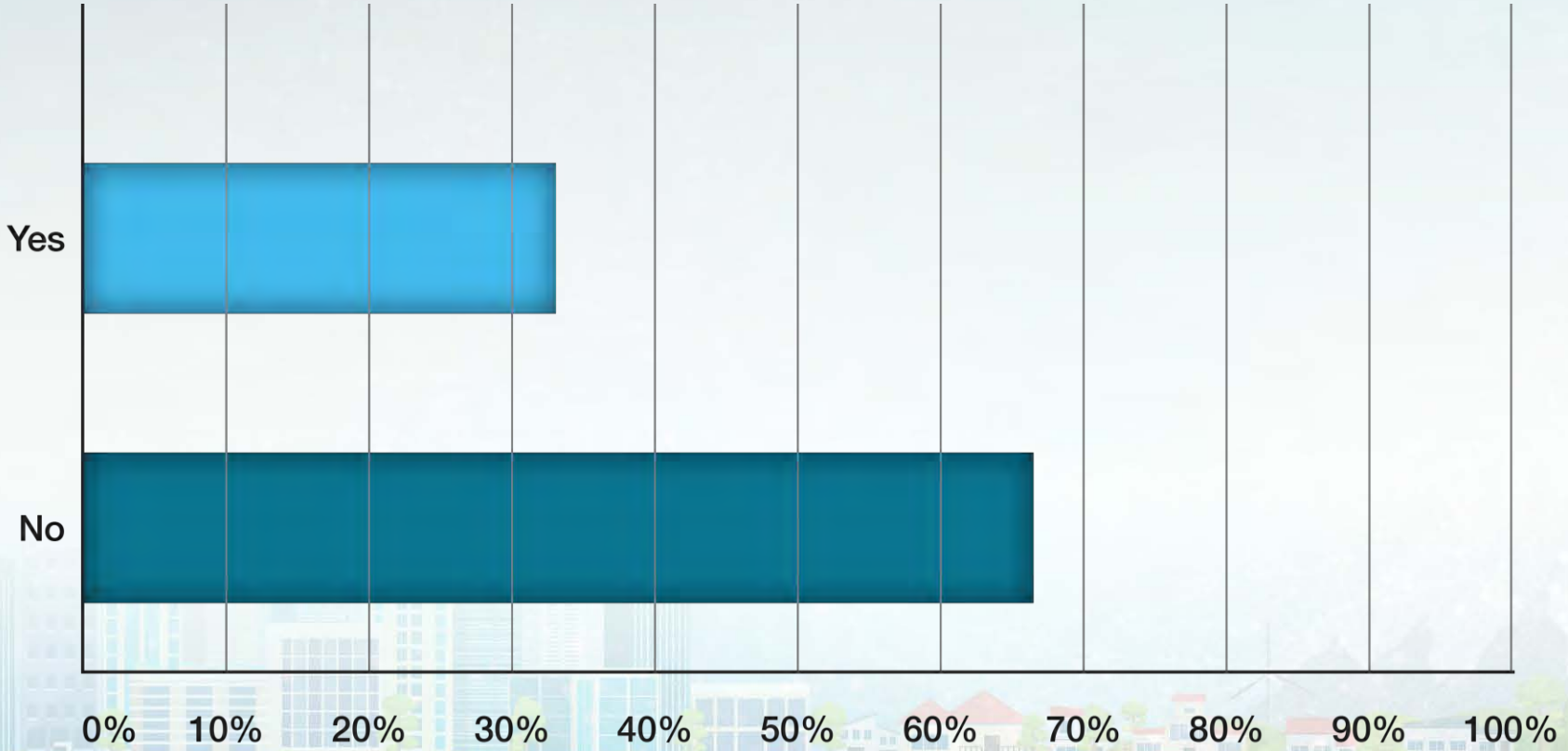
Survey Question #7

Is your agency or organization actively discussing how to respond to emerging/disruptive transportation technologies?



Survey Question #8

Have you heard from the public or decision-makers in regard to emerging/disruptive transportation technologies?

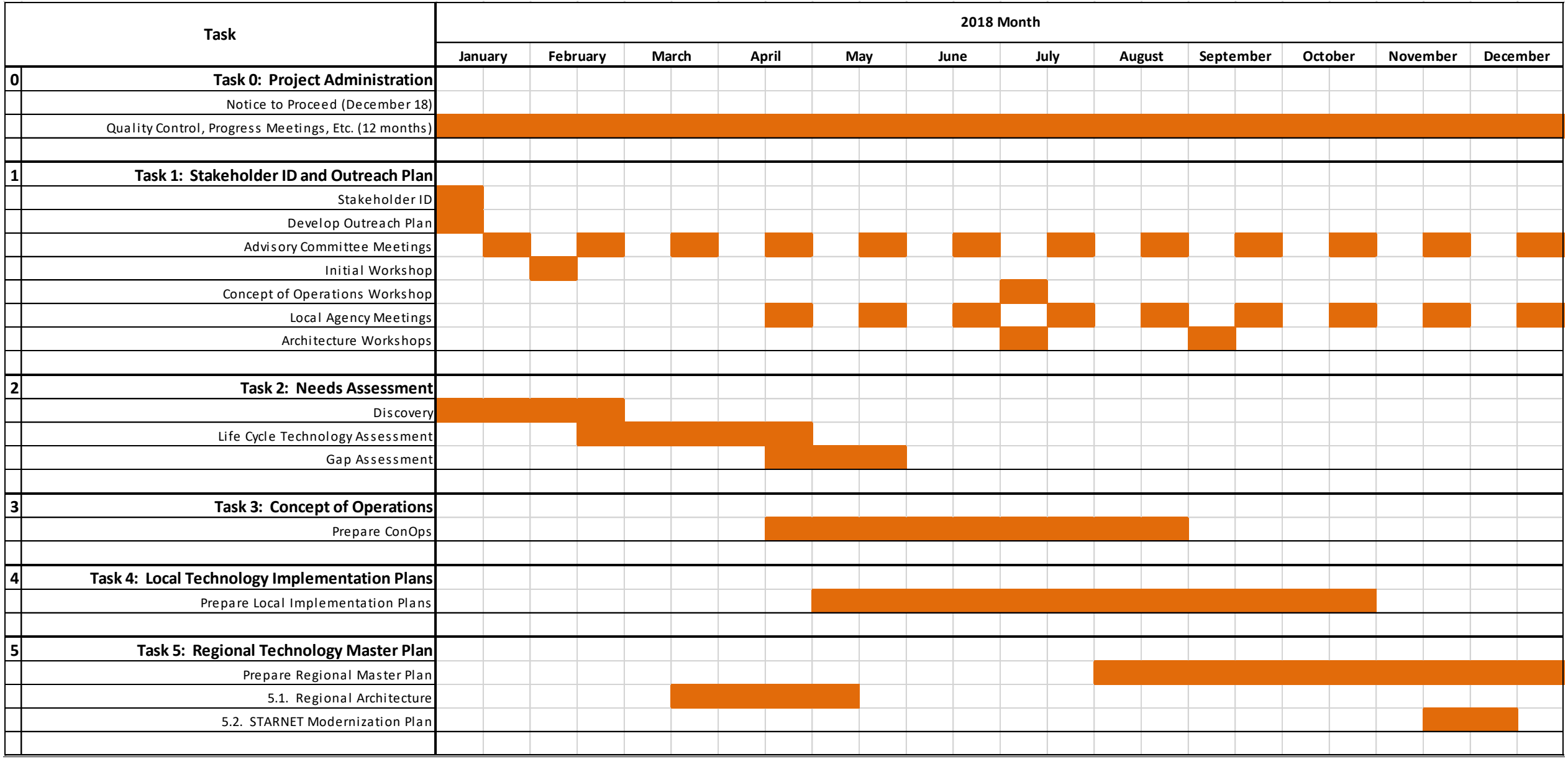


Survey Question #9

If yes, what types of inquiries or comments are you receiving?

Survey Question #9 (responses)

- How are we incorporating them into the long-range plans? What technology can we use in El Dorado County?
- What the future holds?
- Interest in using the available disruptive technology
- The location (or non-location) of carshare opportunities
- It just started in the past two months, conditioning developers and to find grants to place signal technologies and eventually get a Traffic Operations Center


Task
2018 Month
January
February
March
April
May
June
July
August
September
October
November
December
0 Task 0: Project Administration
Notice to Proceed (December 18)
Quality Control, Progress Meetings, Etc. (12 months)
1 Task 1: Stakeholder ID and Outreach Plan
Stakeholder ID
Develop Outreach Plan
Advisory Committee Meetings
Initial Workshop
Concept of Operations Workshop
Local Agency Meetings
Architecture Workshops
2 Task 2: Needs Assessment
Discovery
Life Cycle Technology Assessment
Gap Assessment
3 Task 3: Concept of Operations
Prepare ConOps
4 Task 4: Local Technology Implementation Plans
Prepare Local Implementation Plans
5 Task 5: Regional Technology Master Plan
Prepare Regional Master Plan
5.1. Regional Architecture
5.2. STARNET Modernization Plan

Survey Question #10

What do you desire to accomplish through your participation in Smart Region Sacramento?

Survey Question #10 (responses)

- Information gathering and funding opportunities
- Learn what others are doing, what is available, what is coming, and what is possible – lessons learned
- See how we fit in this effort
- ICM strategies for I-5, US-50, SR-99 and I-80
- Advancement of ITS deployments and strategies
- Inclusion in corridor connection planning
- Coordinated and consistent regional approaches to industry strategies/solutions (adaptive signal systems, use of disruptive technology, smart technology implementation, integration for regional growth, and traffic growth)

Live Poll #4

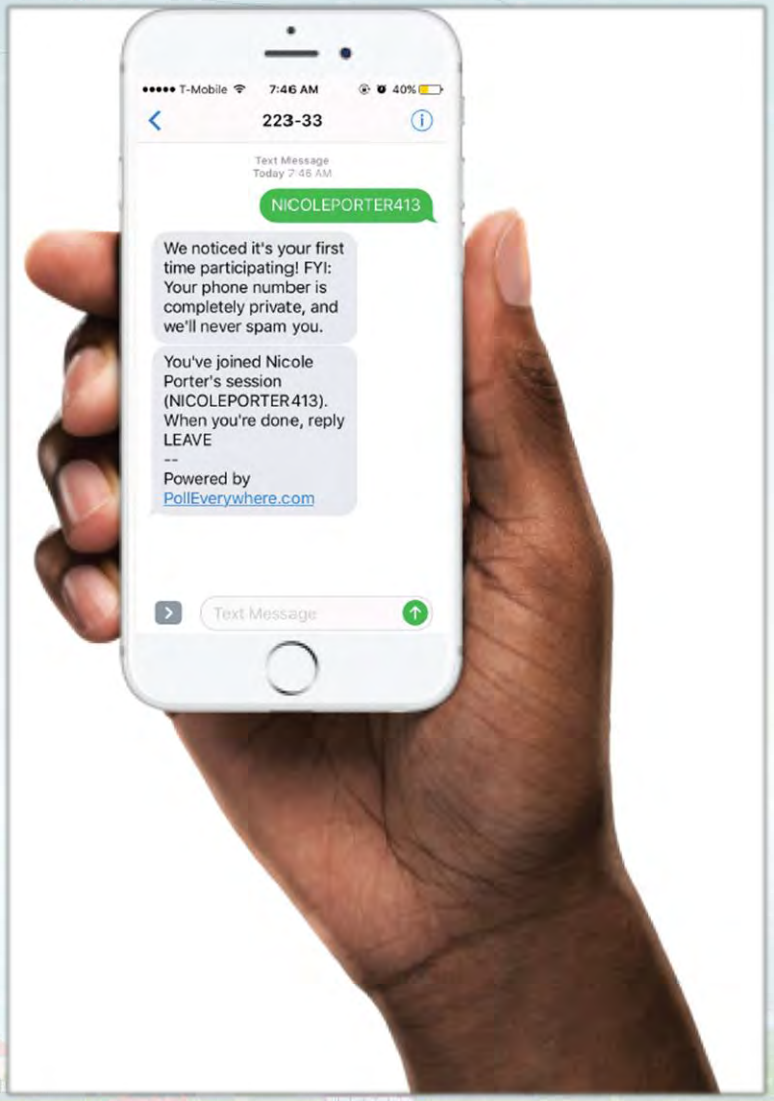
How likely are you to attend the next meeting?

- o Very Likely
- o Somewhat Likely
- o Not sure
- o Not Likely

Live Polling Exercise

To exit:

1. Text LEAVE to 22333
2. You will receive a confirmation message.



Next Steps

- Individual Agency Meetings/Data Collection
- Industry Summit
- Monthly ITS Partnership Meetings (Core Advisory Committee)

THANK YOU

SACOG

Kimley»Horn

Expect More. Experience Better.