



INNOVATING FOR A BETTER TOMORROW

SOUTHERN CALIFORNIA
ASSOCIATION OF GOVERNMENTS
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Los Angeles, CA 90017
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www.scag.ca.gov

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SPECIAL MEETING

EMERGING TECHNOLOGIES COMMITTEE

Remote Participation Only

Thursday, April 29, 2021
10:00 a.m. – 12:00 p.m.

To Participate on Your Computer:

<https://scag.zoom.us/j/941139378>

To Participate by Phone:

Call-in Number: 1-669-900-6833
Meeting ID: 941 139 378

***Please see next page for detailed
instructions on how to participate in the meeting.***

PUBLIC ADVISORY

Given recent public health directives limiting public gatherings due to the threat of COVID-19 and in compliance with the Governor's recent Executive Order N-29-20, the meeting will be held telephonically and electronically.

If members of the public wish to review the attachments or have any questions on any of the agenda items, please contact Peter Waggonner at (213) 630-1402 or via email at waggonner@scag.ca.gov. Agendas & Minutes are also available at: www.scag.ca.gov/committees.

SCAG, in accordance with the Americans with Disabilities Act (ADA), will accommodate persons who require a modification of accommodation in order to participate in this meeting. SCAG is also committed to helping people with limited proficiency in the English language access the agency's essential public information and services. You can request such assistance by calling (213) 630-1402. We request at least 72 hours (three days) notice to provide reasonable accommodations and will make every effort to arrange for assistance as soon as possible.



Instructions for Public Comments

You may submit public comments in two (2) ways:

1. **Submit written comments via email to: ePublicComment@scag.ca.gov by 5pm on Wednesday, April 28, 2021.**

All written comments received after 5pm on Wednesday, April 28, 2021 will be announced and included as part of the official record of the meeting.

2. **If participating via Zoom or phone, during the Public Comment Period, use the “raise hand” function on your computer or *9 by phone and wait for SCAG staff to announce your name/phone number. SCAG staff will unmute your line when it is your turn to speak. Limit oral comments to 3 minutes, or as otherwise directed by the presiding officer.**

If unable to connect by Zoom or phone and you wish to make a comment, you may submit written comments via email to: ePublicComment@scag.ca.gov.

In accordance with SCAG’s Regional Council Policy, Article VI, Section H and California Government Code Section 54957.9, if a SCAG meeting is “willfully interrupted” and the “orderly conduct of the meeting” becomes unfeasible, the presiding officer or the Chair of the legislative body may order the removal of the individuals who are disrupting the meeting.

OUR MISSION

To foster innovative regional solutions that improve the lives of Southern Californians through inclusive collaboration, visionary planning, regional advocacy, information sharing, and promoting best practices.

OUR VISION

Southern California’s Catalyst for a Brighter Future

OUR CORE VALUES

Be Open | Lead by Example | Make an Impact | Be Courageous



Instructions for Participating in the Meeting

SCAG is providing multiple options to view or participate in the meeting:

To Participate and Provide Verbal Comments on Your Computer

1. Click the following link: <https://scag.zoom.us/j/941139378>
2. If Zoom is not already installed on your computer, click “Download & Run Zoom” on the launch page and press “Run” when prompted by your browser. If Zoom has previously been installed on your computer, please allow a few moments for the application to launch automatically.
3. Select “Join Audio via Computer.”
4. The virtual conference room will open. If you receive a message reading, “Please wait for the host to start this meeting,” simply remain in the room until the meeting begins.
5. During the Public Comment Period, use the “raise hand” function located in the participants’ window and wait for SCAG staff to announce your name. SCAG staff will unmute your line when it is your turn to speak. Limit oral comments to 3 minutes, or as otherwise directed by the presiding officer.

To Listen and Provide Verbal Comments by Phone

1. Call **(669) 900-6833** to access the conference room. Given high call volumes recently experienced by Zoom, please continue dialing until you connect successfully.
2. Enter the **Meeting ID: 941 139 378**, followed by #.
3. Indicate that you are a participant by pressing # to continue.
4. You will hear audio of the meeting in progress. Remain on the line if the meeting has not yet started.
5. During the Public Comment Period, press *9 to add yourself to the queue and wait for SCAG staff to announce your name/phone number. SCAG staff will unmute your line when it is your turn to speak. Limit oral comments to 3 minutes, or as otherwise directed by the presiding officer.

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EMERGING TECHNOLOGIES COMMITTEE AGENDA

ETC - Emerging Technologies Committee *Members – April 2021*

1. **Sup. Curt Hagman**
Chair, San Bernardino County
2. **Hon. Sean Ashton**
Downey, RC District 25
3. **Hon. Drew Boyles**
El Segundo, RC District 40
4. **Hon. Margaret Clark**
Rosemead, SGVCOG
5. **Ms. Leslie Daigle**
Government Relations, Ex-Officio Non-Voting Member
6. **Hon. Margaret Finlay**
Duarte, RC District 35
7. **Hon. Jan C. Harnik**
RCTC Representative
8. **Hon. Dan Kalmick**
Huntington Beach, OCCOG
9. **Hon. Steve Manos**
Lake Elsinore, RC District 63
10. **Mr. Paul Marquez**
Caltrans District 7, Ex-Officio Non-Voting Member
11. **Hon. Carol Moore**
Laguna Woods, OCCOG
12. **Hon. Frank Navarro**
Colton, RC District 6
13. **Ms. Pam O'Connor**
CA Road Charge TAC, Ex-Officio Non-Voting Member
14. **Sup. Luis Plancarte**
Imperial County
15. **Hon. David Pollock**
Moorpark, RC District 46

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EMERGING TECHNOLOGIES COMMITTEE AGENDA

- 16. Hon. Deborah Robertson**
Rialto, RC District 8

- 17. Hon. Cheryl Viegas-Walker**
El Centro, RC District 1

- 18. Hon. Alan Wapner**
SBCTA Representative

- 19. Hon. Edward Wilson**
Signal Hill, GCCOG

- 20. Hon. Frank Zerunyan**
Rolling Hills Estates, SBCCOG

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EMERGING TECHNOLOGIES COMMITTEE AGENDA

Southern California Association of Governments
Remote Participation O

Thursday, April 29, 2021

10:00 AM

The Emerging Technologies Committee may consider and act upon any of the items on the agenda regardless of whether they are listed as Information or Action items.

CALL TO ORDER AND PLEDGE OF ALLEGIANCE

(The Honorable Curt Hagman, Chair)

PUBLIC COMMENT PERIOD

Members of the public are encouraged to submit written comments by sending an email to: ePublicComment@scag.ca.gov by 5pm on Wednesday, April 28, 2021. Such comments will be transmitted to members of the legislative body and posted on SCAG’s website prior to the meeting. Written comments received after 5pm on Wednesday, April 28, 2021 will be announced and included as part of the official record of the meeting. Members of the public wishing to verbally address the Emerging Technologies Committee will be allowed up to 3 minutes to speak, with the presiding officer retaining discretion to adjust time limits as necessary to ensure efficient and orderly conduct of the meeting. The presiding officer has the discretion to reduce the time limit based upon the number of comments received and may limit the total time for all public comments to twenty (20) minutes.

REVIEW AND PRIORITIZE AGENDA ITEMS

CONSENT CALENDAR

Approval Items

1. Minutes of ETC Meeting - October 29, 2020
2. Minutes of ETC Meeting - February 25, 2021

INFORMATION/DISCUSSION ITEMS

- | | |
|---|----------|
| 3. Older Adults and New Mobility/Autonomous Vehicles
<i>(Laura Fraade-Blonar, PhD, Associate Policy Researcher, RAND Corporation)</i> | 45 Mins. |
| 4. Getting to 5G for All
<i>(Tyler Gentry, T-Mobile)</i> | 45 Mins. |
| 5. SCAG Tools Underway - Regional Data Platform, SoCal Greenprint, Local Information Services Team
<i>(Kimberly Clark, Program Manager of Resilient Communities & Resource Conservation)</i> | 30 Mins. |

FUTURE AGENDA ITEM/S

ANNOUNCEMENT/S

ADJOURNMENT

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Southern California Association of Governments
Remote Participation Only
April 29, 2021

EMERGING TECHNOLOGIES COMMITTEE (ETC)
MINUTES OF THE MEETING
THURSDAY, OCTOBER 29, 2020

THE FOLLOWING MINUTES ARE A SUMMARY OF ACTIONS TAKEN BY THE EMERGING TECHNOLOGIES COMMITTEE (ETC). A DIGITAL RECORDING OF THE MEETING IS AVAILABLE AT: <http://scag.iqm2.com/Citizens/>.

The ETC held its regular meeting telephonically and electronically given public health directives limiting public gatherings due to the threat of COVID-19 and in compliance with the Governor’s recent Executive Order N-29-20. A quorum was present.

Members Present:

- | | |
|--------------------------------------|------------------------------|
| Hon. Sean Ashton | District 25 |
| Hon. Drew Boyles | District 40 |
| Hon. Margaret Clark | SGVCOG |
| Hon. Leslie Daigle | Ex-Officio Non-Voting Member |
| Hon. Margaret E. Finlay | District 35 |
| Sup. Curt Hagman (Chair) | San Bernardino County |
| Hon. Jan Harnik | RCTC |
| Hon. Steve Manos | District 63 |
| Hon. Carol Moore | OCCOG |
| Ms. Pam O’Connor, CA Road Charge TAC | Ex-Officio Non-Voting Member |
| Hon. David Pollock | District 46 |
| Hon. Deborah Robertson | District 8 |
| Hon. Paul Rodriguez | Member-at-Large |
| Hon. Alan Wapner | SBCTA |
| Hon. Frank Zerunyan | SBCCOG |

Members Not Present:

- | | |
|---------------------------------------|---|
| Mr. Paul Marquez, Caltrans District 7 | Ex-Officio Non-Voting Member |
| Hon. Frank Navarro | District 6 |
| Sup. Luis Plancarte | Imperial County |
| Hon. James Predmore | Imperial County Transportation Commission |



Hon. Cheryl Viegas-Walker
Hon. Edward H.J. Wilson

District 1
GCCOG

CALL TO ORDER & PLEDGE OF ALLEGIANCE

Chair Curt Hagman, San Bernardino County, called the meeting to order at 10:00 a.m. and led the Pledge of Allegiance.

CONSENT CALENDAR

1. Minutes of the Meeting – August 27, 2020

A MOTION was made (Finlay) to approve the Consent Calendar. The motion was SECONDED (Harnik) and passed by the following votes:

AYES: ASHTON, CLARK, FINLAY, HAGMAN, HARNIK, MOORE, POLLOCK, RODRIGUEZ (8)

NOES: None (0)

ABSTAIN: BOYLES (1)

PUBLIC COMMENT

No members of the public requested to comment.

INFORMATION/DISCUSSION ITEMS

2. OntarioNet Municipal Broadband

Jimmy Chang, Broadband Operations Director, City of Ontario, presented on the city’s program to create a citywide broadband network in partnership with Inyo Networks. Mr. Chang stated this effort is in line with their Smart Ontario initiative which seeks forward-looking approaches to utilities including phone, water and electricity. He noted OntarioNet brings the state’s fastest fiber internet to residents, businesses and community institutions. OntarioNet is a strategic partnership to build a fiber optic gigabit network to provide low-cost, high-quality broadband service to Ontario. It is viewed as a critical step toward enabling telework, distance learning, digital inclusion, public safety improvements and a larger Smart City design. He noted it is the state’s first municipally-led broadband brought to fruition through strategic partnerships.

Mr. Chang noted that the groundwork for the network included developing a funding plan, identifying infrastructure construction as well as planning for network operations. He reviewed the

organization structure associated with the effort and the project timeline, noting that the effort began in 2001. He noted there is currently over 120 miles of fiber installed which links City Hall, police and fire stations as well as other large local sites including the Toyota Arena, Convention Center and museums. He reviewed traffic cabinets and other infrastructure which facilitate network traffic, and he noted the design produced cost savings. Once the network was created, it was followed by specific programming that provides unique value to the community and supports commercial activity. Public outreach and marketing activities were reviewed. He noted the goal is to move toward a fully connected city, which includes infrastructure connectivity to vehicles to enhance mobility, commerce and public safety.

Hon. Deborah Robertson, Rialto, asked if their partner is a private company. Mr. Chang responded that Inyo is a private business, in this case, providing a service to a municipality so it can build out its network.

Hon. Jan Harnik, RCTC, asked how they chose that service provider. Mr. Chang responded that a Request for Qualifications (RFQ) process was put forth to explore the many elements of the service package and the terms within they are enacted.

Hon. Drew Boyles, El Segundo, asked how the pricing differed within customer segments. Mr. Chang responded that there are established minimum price points for residential customers which are useful in supporting the effort from all aspects in the chain development.

Hon. Curt Hagman, San Bernardino County, asked what advice can be given to other cities considering a similar effort. Mr. Chang responded that it is important to consider the perspective of the many stakeholders involved and to address their concerns individually as the effort moves forward.

3. Resolution to Address the Digital Divide

Roland Ok, SCAG staff, reported on a proposed resolution for addressing the digital divide. Mr. Ok stated the COVID pandemic has highlighted the need to close the digital divide and the objective of the resolution is to encourage action to bridge the digital divide in underserved communities such as those in low-income and rural areas. He noted it is a collaborative regional effort with SANDAG. The resolution recognizes that there is inadequate broadband access in the region and a collaborative approach is sought. Further, there are many benefits of expanded broadband service including telework, telehealth, education and commerce.

Mr. Ok reviewed the policy directions, such as identifying opportunity zones, promoting existing and developing programs, streamlining permitting and fees as well as interagency cooperation. Next steps include creating a draft and developing regional consensus.

Chair Curt Hagman, San Bernardino County, stated that it may be useful for cities to review current permitting and fees to examine if they work to promote further development. He noted there is also interest in charting all regional fees to explore how they are viewed and how well they promote strategic goals.

Hon. Frank Zerunyan, SBCCOG, noted that, as a further effort, the agency can bring together private service providers and communicate about the effort to expand broadband to underserved areas.

ADJOURNMENT

Chair Curt Hagman, San Bernardino County, adjourned the meeting at 11:25 a.m.

[MINUTES ARE UNOFFICIAL UNTIL APPROVED BY THE EMERGING TECHNOLOGY COMMITTEE]



Southern California Association of Governments
Remote Participation Only
April 29, 2021

EMERGING TECHNOLOGIES COMMITTEE (ETC)
MINUTES OF THE MEETING
THURSDAY, FEBRUARY 25, 2021

THE FOLLOWING MINUTES ARE A SUMMARY OF ACTIONS TAKEN BY THE EMERGING TECHNOLOGIES COMMITTEE (ETC). A DIGITAL RECORDING OF THE MEETING IS AVAILABLE AT: <http://scag.iqm2.com/Citizens/>.

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Members Present:

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| Sup. Curt Hagman (Chair) | San Bernardino County |
| Hon. Jan Harnik | RCTC |
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| Mr. Paul Marquez, Caltrans District 7 | Ex-Officio Non-Voting Member |
| Hon. Carol Moore | OCCOG |
| Ms. Pam O’Connor, CA Road Charge TAC | Ex-Officio Non-Voting Member |
| Hon. David Pollock | District 46 |
| Hon. Alan Wapner | SBCTA |

Members Not Present:

- | | |
|---------------------------|-----------------|
| Hon. Frank Navarro | District 6 |
| Sup. Luis Plancarte | Imperial County |
| Hon. Deborah Robertson | District 8 |
| Hon. Cheryl Viegas-Walker | District 1 |
| Hon. Edward H.J. Wilson | GCCOG |
| Hon. Frank Zerunyan | SBCCOG |

CALL TO ORDER & PLEDGE OF ALLEGIANCE

Chair Curt Hagman, San Bernardino County, called the meeting to order at 10:00 a.m. and led the Pledge of Allegiance.

PUBLIC COMMENT

No members of the public requested to comment.

INFORMATION/DISCUSSION ITEMS

1. Municipal Asset Inventory

Steve Peloso, President, NxTgen Infrastructure Services, reported on their municipal asset inventory program and a recent effort in San Diego to audit and document the city's streetlights and traffic signal poles. Mr. Peloso identified the goal of the presentation is to provide current asset information so cities and their technology partners such as Smart/IOT and broadband fiber providers can leverage it in planning for deployment of 5G and other technologies and services such as those utilizing a pole top. Mr. Peloso noted NxTgen recently audited and mapped 60,000+ streetlights and traffic signal poles in the City of San Diego. He next noted ways in which pole tops are used. These usages include cellular, such as small cells, 5G, distributed antenna systems (DAS); utilities, such as advanced metering infrastructure (AMI) and smart grids; cable, such as Wi-Fi hotspots; transportation, in the form of intelligent transportation systems, driverless cars; municipal, like traffic systems, public safety systems, parking enforcement; and future technologies.

Mr. Peloso stated that some of these activities will generate revenue and there is potential for them to be utilized in different ways. A map was provided of the recently completed audit for San Diego demonstrating the detail of the audit and vital attributes identified. He noted cities can examine a few basic questions about their infrastructure including asset type, condition, age and remaining useful life, location, availability, quantity, who owns what and capacity for growth. Further, he reviewed opportunities for monetization of public assets noting benefits including no capital outlays required and an opportunity to future proof through lifecycle management.

Hon. Alan Wapner, SBCTA, asked if this activity preempts a city from leasing with a specific carrier. Mr. Peloso responded that it does not. That it is a tool for cities to understand their infrastructure so they can develop appropriate strategies for carriers and other entities.

Hon. Drew Boyles, El Segundo, asked about the business model. Mr. Peloso responded that cities can provide asset information and NxTgen would host it, however; in most cases, cities do not have

asset information. In that situation the information is gathered, the characteristics identified are to serve the carrier as well as the city.

2. SCAG's Sustainable Communities Program

Marisa Laderach, SCAG staff, reported on the 2020/2021 Sustainable Communities Program (SCP) – Smart Cities & Mobility Innovations Call for Applications. Ms. Laderach noted the SCP allows SCAG to partner with member agencies to provide direct technical assistance with a focus on active transportation, multimodal planning efforts, sustainability, land use and planning for affordable housing. She reported the current call for applications will be focused on Smart Cities and job centers, Go Zones, shared mobility and mobility as a service.

Ms. Laderach noted that cities have been struggling with curb space issues so SCAG will direct funding toward local jurisdictions that seek to use technology and innovation by implementing curb space management measures. The effort seeks to support mobility and the local economy as well as enhance public spaces. She noted analysis of curb space will include understanding the needs of local businesses who use them. Additionally, equity is examined including use of transit and transportation network companies. She noted focus areas include curb space data collection and inventory, technology assessment and plan, parking management plan and permitting process evaluation. She reviewed the eligible agencies and Call for Applications schedule following its approval by the Regional Council.

Hon. Margaret Clark, Rosemead, asked about curb space management and if this includes residential curb space. Ms. Laderach responded that it could include a residential area where parking management is an issue although it will primarily look at places with multiple mobility aspects such as large business centers.

3. SCAG's Equity Early Action Plan

Tom Bellino, SCAG staff, reported on SCAG's Equity Early Action Plan. Mr. Bellino stated in July 2020 the Regional Council approved the formation of a Special Committee on Equity and Social Justice. The committee explored areas such as definition of equity, equity inventory, diversity, equity and inclusion as well as an equity framework. He noted the digital divide and lack of broadband access in some areas is also seen as an equity element. Mr. Bellino asked for committee members to complete a survey and encourage others to do so as a way to provide feedback on the equity action plan.

4. SCAG's Broadband Resolution

Thomas Bellino, SCAG staff, reported that the Regional Council passed a broadband resolution which instructs the agency to work on a broadband action plan to promote broadband deployment particularly in underserved areas. He asked for the committee's input regarding the development of the action plan.

Chair Curt Hagman, San Bernardino County, stated as work continues toward greater broadband access for the region that this is an opportunity for stakeholders to get involved and provide input in the process.

Hon. Steve Manos, Lake Elsinore, asked about the possibility of examining existing cabling which is not currently in service but is deployed in communities.

FUTURE AGENDA ITEMS

Hon. Carol Moore, Laguna Woods, suggested an update on proposed tunnelling efforts in the region as well as current information on nuclear and hydrogen energy. In addition, she asked for an update on self-driving vehicles.

Hon. Jan Harnik, RCTC, commented that a broadband line used by California state universities is in place, and there may be an opportunity to co-utilize that existing infrastructure.

Hon. Sean Ashton, Downey, asked for a discussion on waste disposal to explore practices used in different countries.

ADJOURNMENT

Chair Curt Hagman, San Bernardino County, adjourned the meeting at 11:42 a.m.

[MINUTES ARE UNOFFICIAL UNTIL APPROVED BY THE EMERGING TECHNOLOGY COMMITTEE]



AGENDA ITEM 3
REPORT

Southern California Association of Governments
Remote Participation Only
April 29, 2021

To: Emerging Technologies Committee (ETC)

**EXECUTIVE DIRECTOR'S
APPROVAL**

From: Thomas Bellino, Senior Regional Planner
(213) 236-1830, bellino@scag.ca.gov

Subject: Older Adults and New Mobility/Autonomous Vehicles

RECOMMENDED ACTION:

Information Only – No Action Required

STRATEGIC PLAN:

This item supports the following Strategic Plan Goal 1: Produce innovative solutions that improve the quality of life for Southern Californians.

EXECUTIVE SUMMARY:

The promise that automated vehicles and new shared-use mobility options will radically improve mobility for older adults is not a given. This outcome depends on public- and private-sector actors coming together to create a set of supportive circumstances that enable us to harness emerging technology for both individual and societal benefit. Laura Fraade-Blanar, Associate Policy Researcher at the RAND Corporation, will present a framework of interconnected factors that all stakeholders in the new mobility space should consider as they plan and executive new travel options.

BACKGROUND:

Most community and transportation leaders know that connected and autonomous vehicles (CAVs) are coming soon and will likely drastically change the way people move around in Southern California. For younger adults with no serious mobility issues, this will probably be a relatively easy transition. However, for many, there are myriad concerns with CAVs.

Older adults, sometimes known as senior citizens, are already at a major disadvantage when it comes to mobility issues. Many cannot operate or do not have access to private cars, smartphones, and other trip-planning tools. Others cannot walk to transit hubs, and their travel patterns may not mirror those of the larger commuting public.

The proliferation of CAVs could very well provide solutions to many of the transportation issues faced by older adults. However, as we have seen with other marginalized and at-risk communities, a



CAV-takeover of the transportation system could have unintended consequences for those who have mobility and/or access issues. Local governments should prepare to advocate on behalf of older adults by being knowledgeable of emerging thought in this sector. This presentation and discussion will help SCAG's leaders get ahead of the issue and make the best decisions for their constituents.

FISCAL IMPACT:

None, information only.

ATTACHMENT(S):

1. PowerPoint Presentation: Older Adults, New Mobility, and Automated Vehicles

Older Adults, New Mobility, and Automated Vehicles

Laura Fraade-Blanar, PhD
RAND Corporation
lblanar@rand.org

OLDER ADULTS, NEW MOBILITY, AND AUTOMATED VEHICLES

LAURA FRAADE-BLANAR, NICO LARCO, RYAN BEST, TIFFANY SWIFT, MARJORY S. BLUMENTHAL



URBANISM NEXT CENTER
UNIVERSITY OF OREGON

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CORPORATION

What are AVs?

What is the potential benefit or harm of AVs on older adults?

What factors determine if older adults can use AVs?

Who is responsible for older adult AV access?

What are AVs?

It's unclear

What is the potential benefit or harm of AVs on older adults?

What factors determine if older adults can use AVs?

Who is responsible for older adult AV access?



Image from <https://www.koterevolutionworld.com/autonomous-vehicles/articles/442675-10-rules-cities-thinking-automated-vehicles.htm>

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Levels of Automation

0	1	2	3	4	5
NO AUTOMATION	DRIVER ASSISTANCE	PARTIAL AUTOMATION	CONDITIONAL AUTOMATION	HIGH AUTOMATION	FULL AUTOMATION

THE HUMAN MONITORS THE DRIVING ENVIROMENT

THE AUTOMATED DRIVING SYSTEM MONITORS THE DRIVING ENVIROMENT

What are AVs?

It's unclear

What is the potential benefit or harm of AVs on older adults?

It varies

What factors determine if older adults can use AVs?

Who is responsible for older adult AV access?

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What are AVs?

It's unclear

What is the potential benefit or harm of AVs on older adults?

It varies

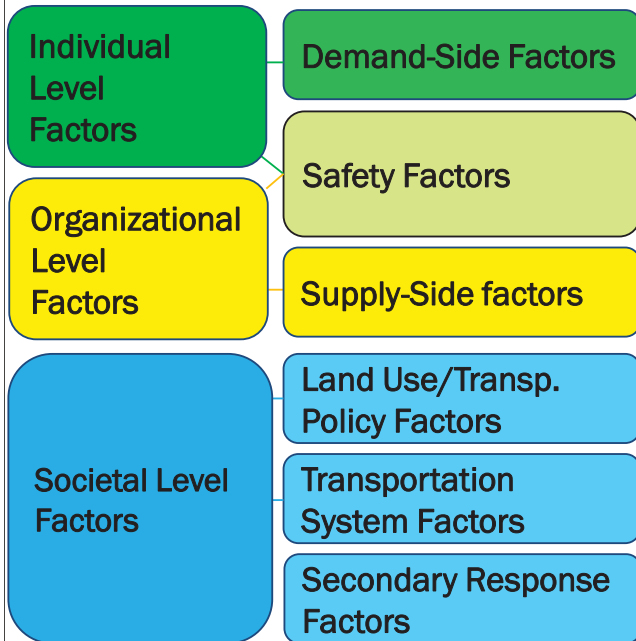
What factors determine if older adults can use AVs?

It's straightforward...

Who is responsible for older adult AV access?

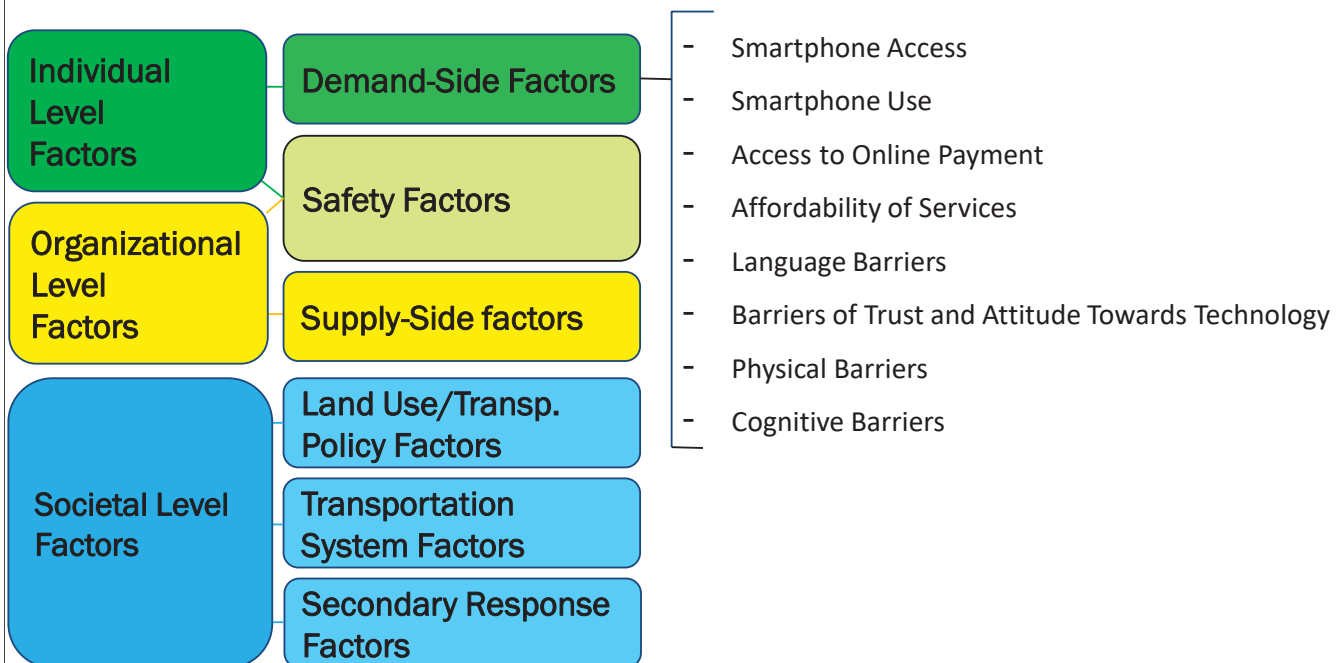
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Older Adults and Emerging Transportation: A Framework



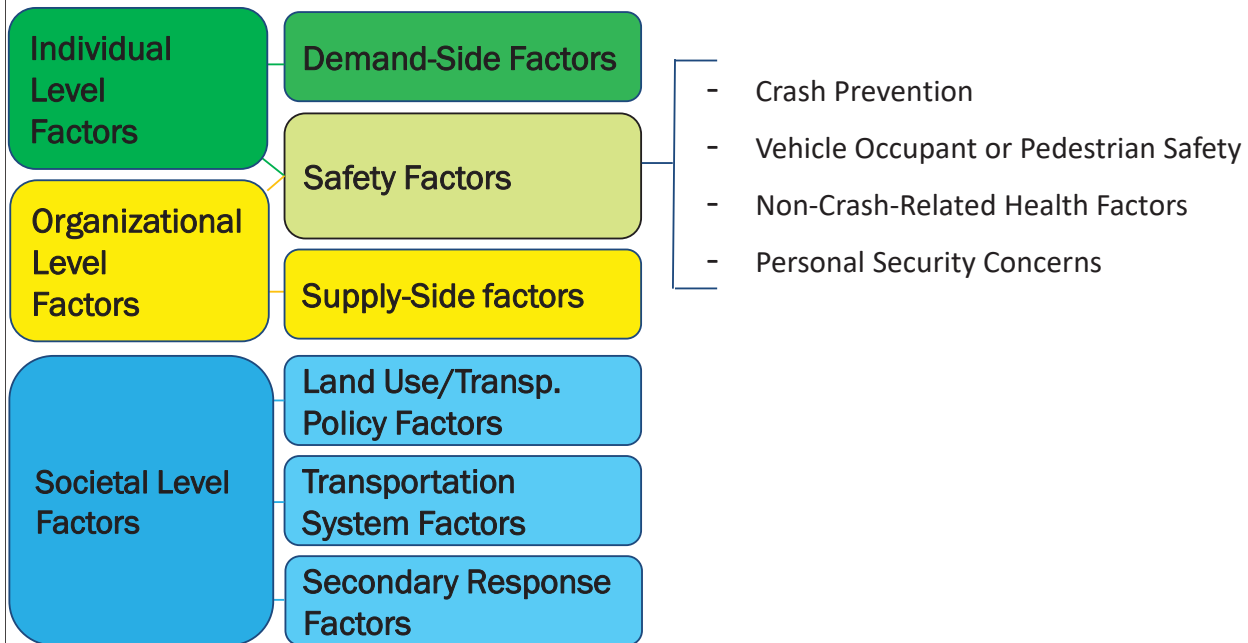
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Older Adults and Emerging Transportation: A Framework



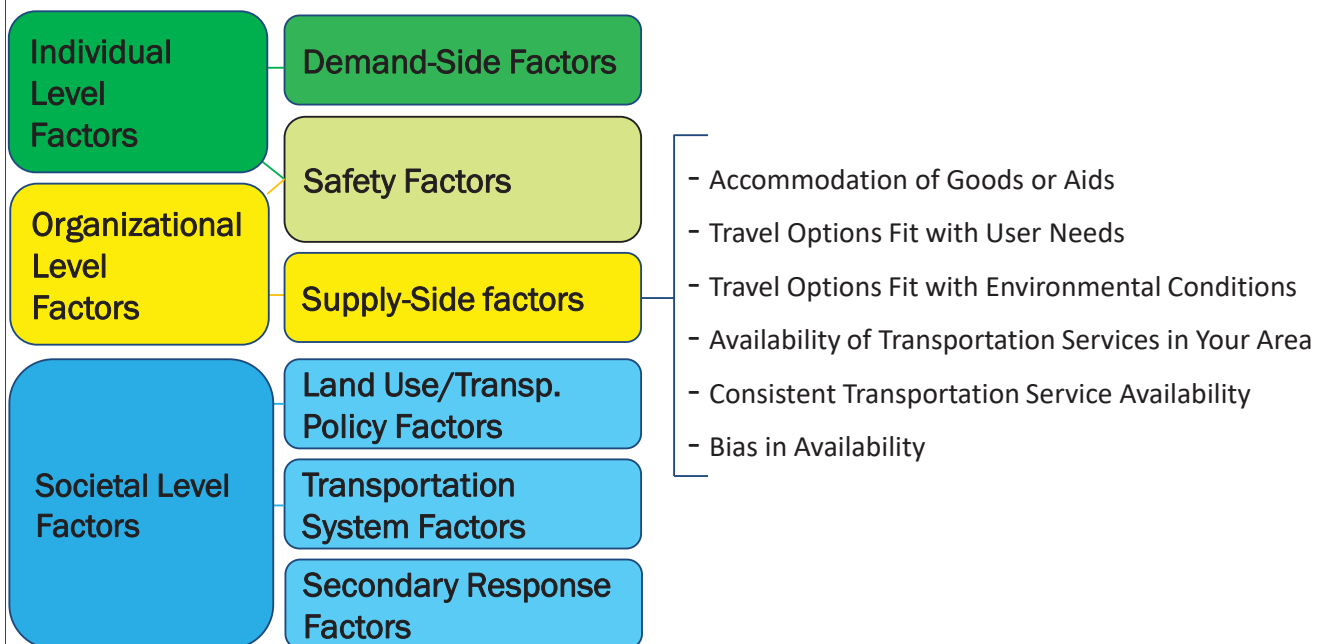
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Older Adults and Emerging Transportation: A Framework



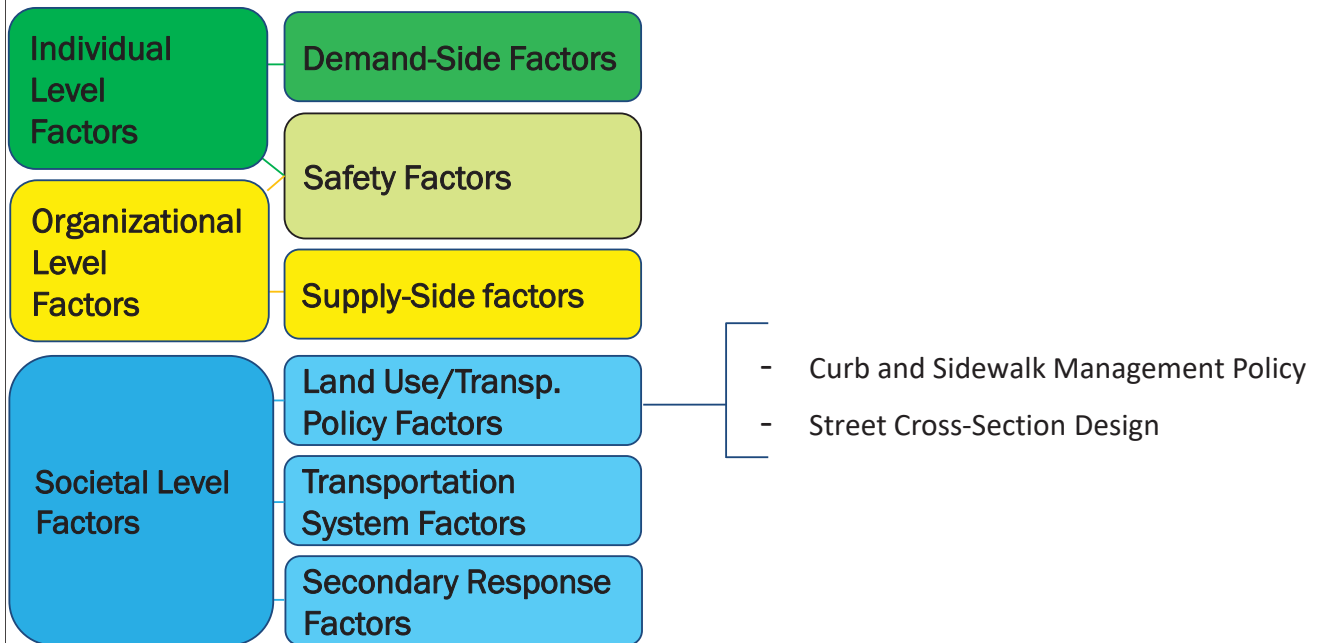
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Older Adults and Emerging Transportation: A Framework



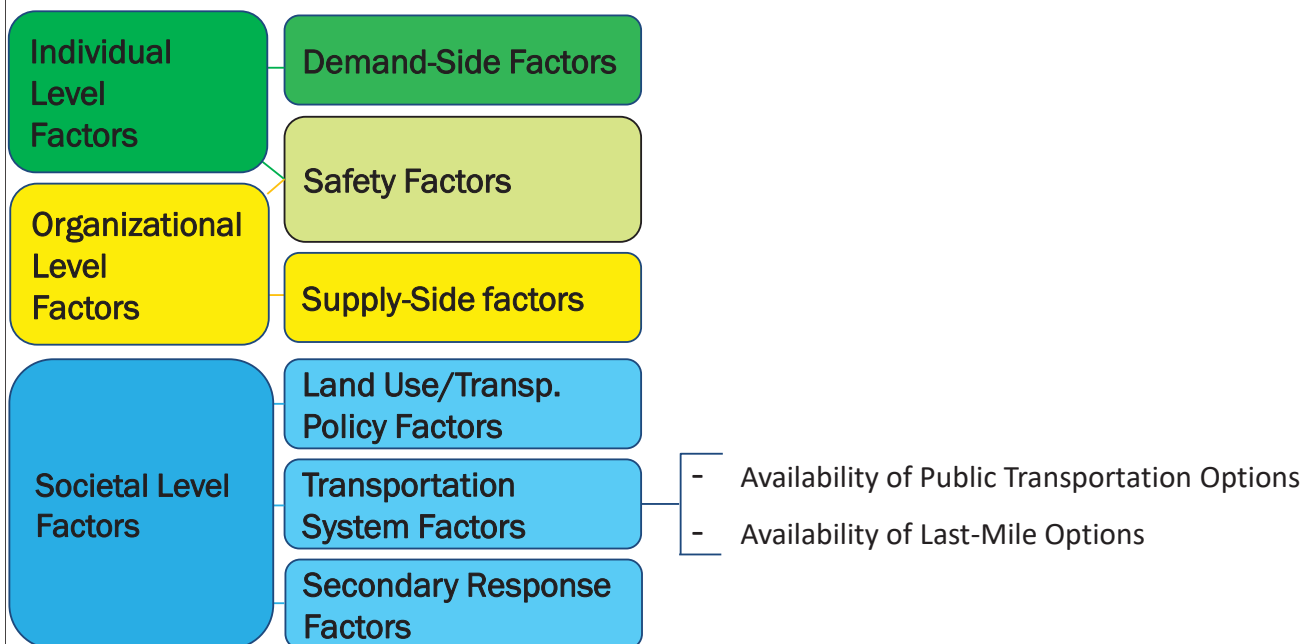
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Older Adults and Emerging Transportation: A Framework



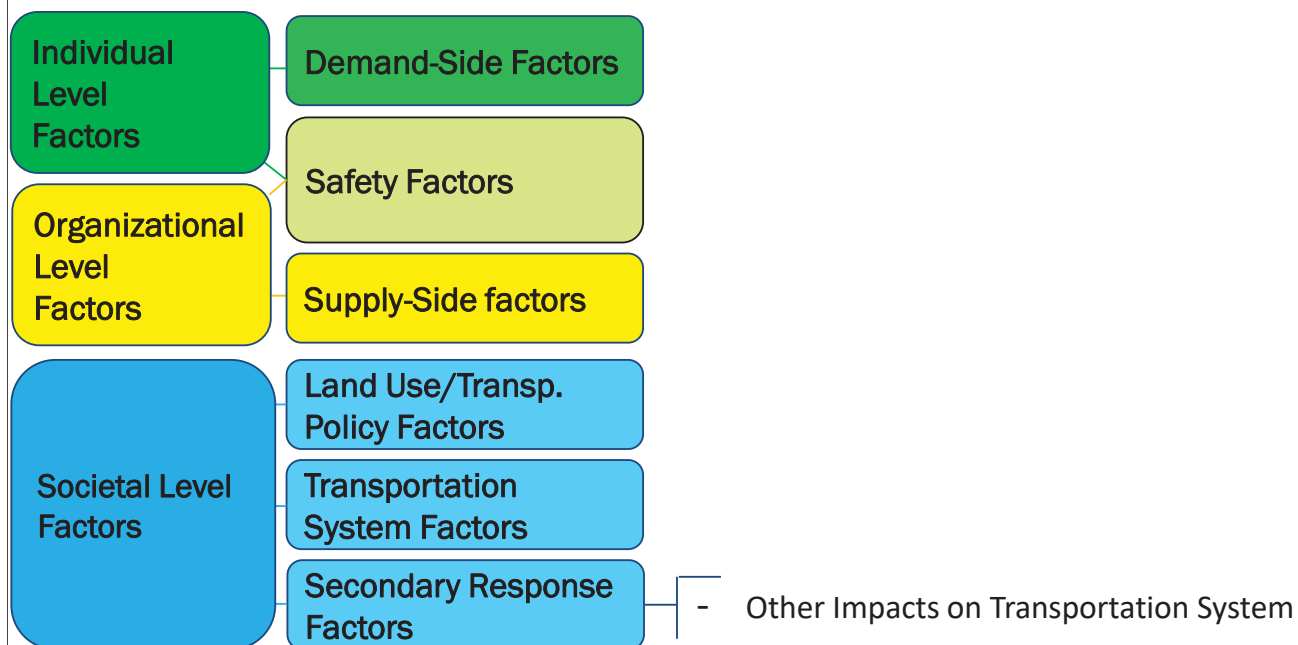
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Older Adults and Emerging Transportation: A Framework



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Older Adults and Emerging Transportation: A Framework



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Older Adults and Emerging Transportation: A Framework

Using the Framework

For example...

- To identify interdependencies
- To assess coverage
- To evaluate outcomes
- To set research agendas



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What are AVs?

It's unclear

What is the potential benefit or harm of AVs on older adults?

It varies

What factors determine if older adults can use AVs?

It's straightforward...

Who is responsible for older adult AV access?

It's unclear

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Who is responsible for older adult access for AVs?

~~Who is responsible for older adult access for AVs?~~

Who is a trusted authority on older adult access for AVs?

Who is a trusted authority on older adult access for AVs?

Ranking: Believability of sources for AV safety

1. AV crash rate
2. State or local government
3. Federal government
4. AV near-miss rate
5. Federal vehicle requirements
6. Safety advocacy group
7. Friends and family members
8. AV company position

Who is a trusted authority on older adult access for AVs?

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Source: Blumenthal MS, Fraade-Blanar L, Best R, Irwin J L. Safe enough: approaches to assessing acceptable safety for automated vehicles. RAND Corporation, 2020. RR-A569-1. https://www.rand.org/pubs/research_reports/RR-A569-1.html

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What comes next?

- Understanding the size and distribution of transportation disadvantaged individuals and individuals' transportation needs
- Identifying factors (legal, economic, etc.) that can be used to increase vulnerable population's access to AVs
- Defining roles and responsibilities
- Promoting universal design and collective action around AV accessibility

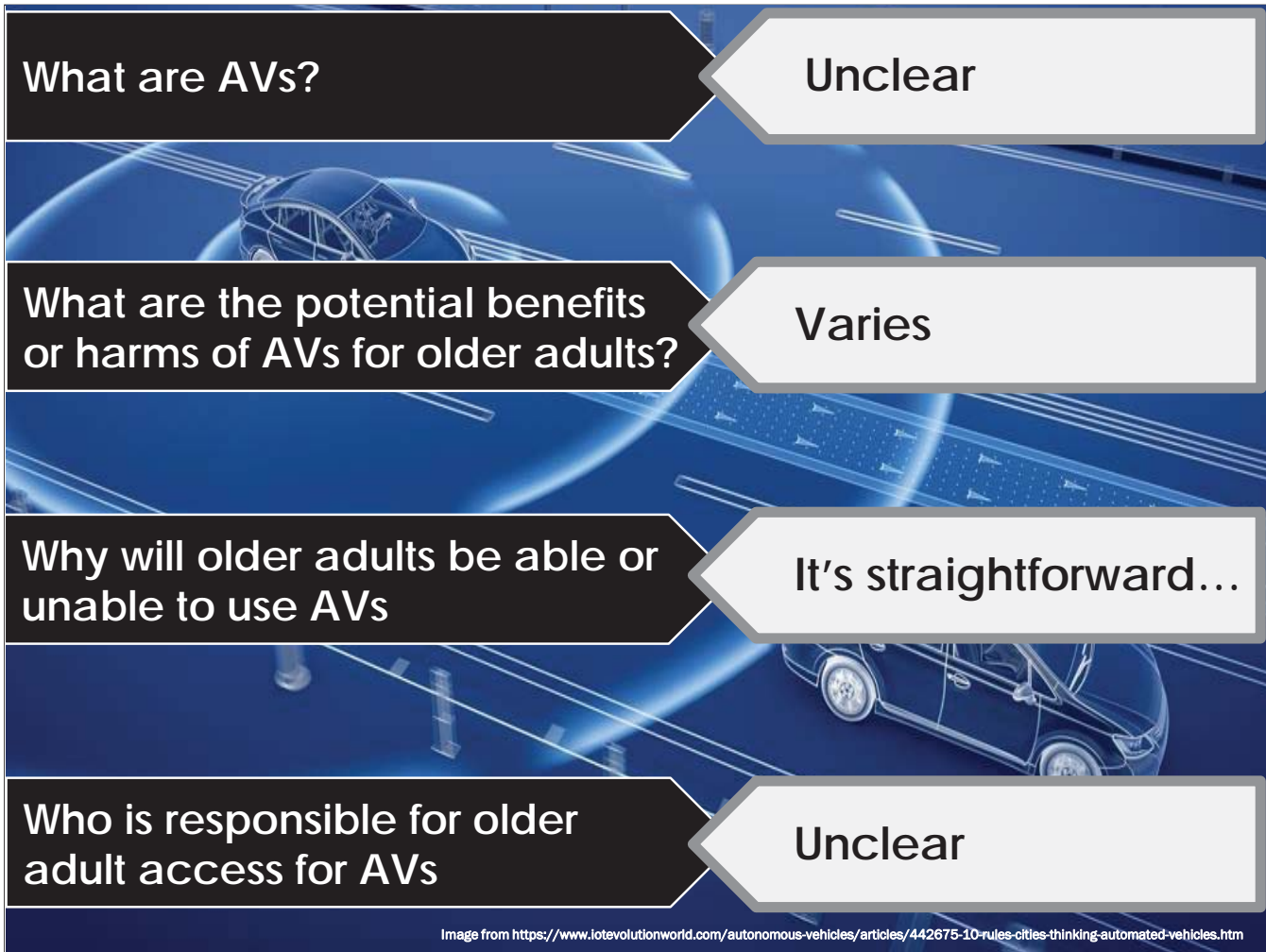
A special thanks to Marjory Blumenthal and Ryan Best, RAND Corporation
Nico Larco, Urbanism Next at the University of Oregon
Jana Lynott, AARP



Laura Fraade-Blanar
lblanar@rand.org

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Order of Explicit Rankings and Implicit Influence Attributed to Differing Sources for Messages About AV Safety

Order of Preference	Safety Message Source (measure)	
	Regression Coefficient (implicit)	Rank Order (explicit)
1	AV crash rate	AV crash rate
2	State or local government position	Safety advocacy group position
3	Federal government position	Federal vehicle requirements
4	AV near-miss rate	AV near-miss rate
5	Federal vehicle requirements	Federal government position
6	Safety advocacy group	State or local government position
7	Friends and family members	Friends and family members
8	AV company position	AV company position

NOTE: Order of sources measured implicitly determined by standardized regression coefficients (see Table A.1) from the social judgment analysis. Order of sources measured explicitly determined by mean ranking from the rank-order task.



AGENDA ITEM 4
REPORT

Southern California Association of Governments
Remote Participation Only
April 29, 2021

To: Emerging Technologies Committee (ETC)

**EXECUTIVE DIRECTOR'S
APPROVAL**

From: Thomas Bellino, Senior Regional Planner
(213) 236-1830, bellino@scag.ca.gov

Subject: Getting to 5G for All

RECOMMENDED ACTION:

Information Only – No Action Required

STRATEGIC PLAN:

This item supports the following Strategic Plan Goal 1: Produce innovative solutions that improve the quality of life for Southern Californians. 2: Advance Southern California’s policy interests and planning priorities through regional, statewide, and national engagement and advocacy.

EXECUTIVE SUMMARY:

This presentation will be conducted by subject matter experts from T-Mobile to discuss how telecom companies are deploying 5G technology, from small cell densification to existing macro cell site modifications, and how local governments play a critical role in getting next generation technology and more options for high-speed broadband coverage to their residents. They will discuss successes, challenges, and what to expect coming in terms of permitting, as well as opportunities this technology presents for residents and local government services.

BACKGROUND:

From standard cable and cellular devices to emerging systems like fiber and 5G, local governments play a critical role in the permitting and proliferation of communications infrastructure. SCAG has endeavored to facilitate the streamlining of these processes as part of its broadband work activities to address the digital divide, which was discussed with the Emerging Technologies Committee (ETC) at its previous meeting in February 2021.

A major part of this facilitation will necessarily require a better understanding of our current permitting processes, of which there are dozens – perhaps even hundreds – in Southern California. SCAG staff are conducting research including interviews with permitting agencies to get a better understanding of the existing conditions and challenges, and opportunities for improvement. In addition to this work, SCAG is engaging elected officials and community leaders from across the region to learn more about these permitting processes in hopes of streamlining and rationalizing

them, so that internet service providers (ISPs) can more efficiently build infrastructure and provide lower-cost services.

T-Mobile, along with other ISPs, are gearing up to build infrastructure that will allow faster and smarter communications between road users and the systems we rely on to navigate them. Services like 5G are essential to be able to prepare for connected and autonomous vehicles (CAVs) that will soon be a reality on our streets. Learning more about the work that ISPs are doing will help local governments prepare for the collaboration which will be necessary in making a safe and connected transportation system in the near future.

FISCAL IMPACT:

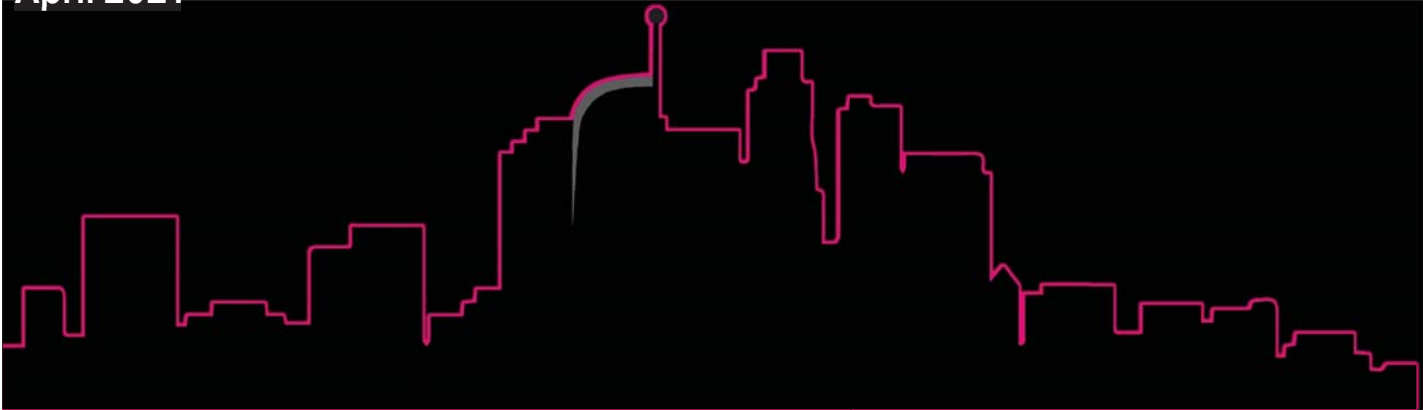
None, information only.

ATTACHMENT(S):

1. PowerPoint Presentation: 5G Permitting and Ensuring Equitable Access

5G PERMITTING & ENSURING EQUITABLE ACCESS

April 2021



5G For All

3 Year Commitment

- 5G coverage to 97% of US population
- 5G coverage to 85% of rural communities
- 75% of population with at least 50MBps DL speeds
- 67% of population with at least 50MBps DL speeds in rural areas

6 Year Commitment

- 5G coverage to 99% of US population
- 5G coverage to 90% of rural communities
- 99% of population with at least 50MBps DL speeds
- 90% of population with at least 50MBps DL speeds in rural areas

5G For All



Getting to 5G for All

Over 3,300 Site Modifications Permitted Since 2019

- Over 90% are retrofitted with 5G capable equipment
- Eligible facilities requests to minimize community impact & time to permit

Over 1,500 Site Modifications Still in Permitting

- Over 95% are 5G equipment upgrades
- Average timelines to permit around 100 days

Over 1,750 Site Modifications Still Expected to Begin Permitting in 1-2 Years

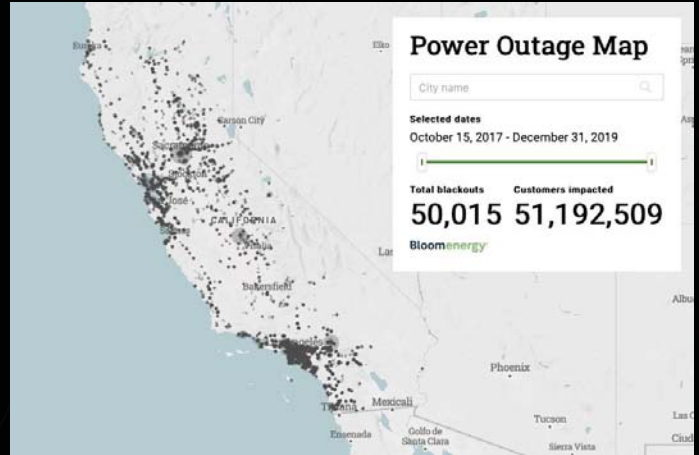
- Over 85% are 5G equipment upgrades



Emergency Outages

When the power grid is affected by a, storm, fire, earthquake, or power shut off events (PSPS), **T-Mobile will be ready. We are deploying emergency standby generators** to ensure power to our network and service to our customers.

- We utilize several of the highest-quality, best performing generator units available on the market.
- All new generators meet Tier 4 emission standards – meeting California’s strictest standards.



T-Mobile Confidential

AB 2421

California Assembly Bill 2421

Effective January 1, 2021, California law (AB 2421) mandates that local agencies review an application for installation of an emergency standby generators supporting macro cell towers, as defined, on an administrative, nondiscretionary basis. The law also includes specified requirements for a permitted use

Permit Process Requirements

- Generators meeting all qualifications are a permitted use subject to administrative approval within 60 days
- Completed applications will be deemed approved after 60 days if the application has not been approved or denied

Over 150 Applications Currently in Permitting Within Ventura, LA, OC, San Bernardino & Riverside Counties

- One quarter of these applications are within a week or above the 60-day allotted permitting timeframe



AB 2421 Applicability

Where it applies

- Only in California, and to existing macro towers that have been previously permitted

Where it does NOT apply

- Rooftops, Small Cells, or DAS installations and non-conforming uses/sites with current permits

What generators qualify

- Generators under 50 horsepower
- With 300 gallons or less of fuel capacity in double-walled tanks
- In total the generator and storage tank may not exceed 250 cu. ft. in volume



When the power goes down, so does network connectivity – and access to online learning, work-from-home tools, and access to other vital resources unless there is adequate backup power.



T-Mobile Confidential

5G For Good



Attachment: PowerPoint Presentation: 5G Permitting and Ensuring Equitable Access (Getting to 5G for All)

T-Mobile®

THANK YOU!





AGENDA ITEM 5
REPORT

Southern California Association of Governments
Remote Participation Only
April 29, 2021

To: Emerging Technologies Committee (ETC)

**EXECUTIVE DIRECTOR'S
APPROVAL**

From: Thomas Bellino, Senior Regional Planner
(213) 236-1830, bellino@scag.ca.gov

Subject: SCAG Tools Underway - Regional Data Platform, SoCal Greenprint, Local Information Services Team

RECOMMENDED ACTION:

Information Only – No Action Required

STRATEGIC PLAN:

This item supports the following Strategic Plan Goal 2: Advance Southern California’s policy interests and planning priorities through regional, statewide, and national engagement and advocacy.

EXECUTIVE SUMMARY:

With the adoption of SCAG’s Future Communities Initiative in 2018, efforts have been underway to improve local jurisdictions’ access to current, historical, local, and regional datasets that can reduce the costs of planning and increase the efficiency of public service – as roughly two-thirds of local jurisdictions do not have the in-house staff or GIS resources to analyze and process data. Along these lines, SCAG has initiated the Regional Data Platform (RDP) and SoCal Greenprint projects to foster local adoption of interactive, automated, and state-of-the-art information tools and technologies as a value-added service to enhance member agencies’ planning and operations. This presentation will provide an overview of each project’s progress to date, outreach findings with key stakeholders to develop these tools, as well as engagements with jurisdictions to advertise and provide trainings on current resources stemming from these projects through SCAG’s Local Information Services Team (LIST).

BACKGROUND:

“Big Data” and the rapid proliferation of new technologies are poised to transform and disrupt traditional policy making and planning within our local communities and across the Southern California region as a whole. Through improvements in data collection, analysis, and technology applications, governments have the opportunity to be more efficient, innovative, and transparent. To ensure that public agencies and communities in Southern California not only keep up with the pace of innovation, but lead the nation, SCAG’s Regional Council adopted the Future Communities

Framework that included a set of policy recommendations and a short-term work plan that provides technology resources and technical know-how to local jurisdictions, including easy to use data tools.

With more than two thirds of jurisdictions reporting having less than optimal staff resources and technology to analyze and process data, SCAG's work in this regard helps jurisdictions provide more efficient and timely services to their residents. By collecting data related to transportation, energy use, or park use, city services can be tailored to the needs of local residents in ways that reduce the cost of services and allow scarce resources to go further. For example, through the use of shared data platforms, agency workers always know where to go to find the most up-to-date data for their analysis. This reduces duplication of datasets, errors in analysis based on outdated data, and fewer hours spent searching for datasets.

In implementing the Regional Council's direction, SCAG has been working to develop interactive mapping tools that can help local planners and other stakeholders better integrate data into decision-making, both in support of local general planning and long-range transportation and sustainable communities planning.

Regional Data Platform

The Regional Data Platform (RDP) will provide a system of online tools for SCAG and local jurisdictions to access data necessary for local general plan development and decision making by monitoring transportation, land development trends, housing and economic growth, and sustainability conditions. Further, the RDP will standardize regionally significant datasets, provide opportunities for local partners to update their data in real-time, and draw insights from local trends. It will be an online tool for SCAG and local jurisdictions to access data necessary for day-to-day business needs, as well as long range planning initiatives. The platform will also feature a data-driven collaboration hub for local jurisdictions to engage with stakeholders for individual projects, such as local and regional land use planning, active transportation planning, greenhouse gas reduction strategies and development impact assessments. Moving beyond just technology, this platform will help government engage with data in a simpler way, allowing the interpretation of information into actionable insights and knowledge, and provide a digital venue for local agencies to engage with their residents using data as a medium.

As a first step in developing the Regional Data Platform, SCAG has been engaging with local jurisdictions across the region to roll-out free GIS software licenses that help to fill information gaps in the immediate. These off-the-shelf licenses allow jurisdictions to access thousands of curated datasets from local, state, and federal partner agencies through interactive tools, including ArcGIS Online, ArcGIS Pro, ArcGIS Urban, and Community Analyst. Importantly, these licenses can be utilized independently from the Regional Data Platform while the integrated system is under development. To take full advantage of these resources, local jurisdictions are encouraged to

contact SCAG. More information on the vision and process for developing the platform can be found on the project website at <https://arcg.is/0u8mLD2>.

To ensure that the Regional Data Platform is tailored to suit local needs, the SCAG and Esri project team interviewed 10 member agencies (8 cities and 2 counties) that represent a balanced cross-section of the SCAG region in terms of GIS proficiency and technology usage in planning. This outreach helped the project team to understand current planning workflows and challenges experienced by local government staff, as well as identify key technology features and datasets needed to improve the General Plan update process. Common challenges amongst these jurisdictions were that a lack of self-service data applications often results in organizational inefficiencies, compiling and refining data is time consuming and inefficient from a resource perspective, and that a lack of visualization tools results in less-constructive community feedback, amongst other concerns. Jurisdictions also shared opportunities and ideas for SCAG to improve local planning, which include developing a centralized data and information repository for long range planning, enhancing SCAG's local profiles to be interactive and educational, and providing standardized and streamlined processes for repeatable tasks.

Based on this feedback, the project team prioritized launch of a housing element tool called the Housing Element Parcel Tool (HELPR) (<https://maps.scag.ca.gov/helpr>), as the first in a suite of resources to be provided through the Regional Data Platform. HELPR is a web-mapping tool for local jurisdictions and other stakeholders to understand local land use and site opportunities for aligning housing planning with the state Department of Housing and Community Development's (HCD) 6th cycle housing element requirements.

The tool is based on updated, curated versions of parcel-level land use data, environmentally sensitive areas with data informed by the SoCal Greenprint project, and other datasets that have been available through SCAG's open data portal. HELPR also allows for downloads of tabular and spatial data for external use. Additionally, the tool provides the opportunity to view regional policy objectives in SCAG's 2020 Regional Transportation Plan/Sustainable Communities Strategy (Connect SoCal), which may help align local planning with regional goals during housing element updates. Upon the development of additional data and receiving feedback, a second release of HELPR is underway and scheduled for a Spring 2021 release.

SoCal Greenprint

SCAG is also in the process of developing an innovative online regional mapping tool known as the SoCal Greenprint. This will be a strategic conservation mapping tool that highlights the benefits of natural lands, waters, and agricultural lands, including access to parks and trails, habitat protection and connectivity, clean water, clean air, food production, and increased resilience to climate change. The SoCal Greenprint will support planners, conservation practitioners, developers, infrastructure agencies, and other stakeholders in integrating the protection of natural and

agricultural resources into land use and infrastructure plans and avoid potential litigation by identifying and assessing environmental issues early in the planning process.

SCAG has contracted with The Nature Conservancy (TNC), a leading international conservation organization with experience creating Greenprints in California, in 2019 to lead this process with input from a diverse group of stakeholders in the fields of planning, conservation, community organization, developers and more. The project's first year entailed extensive, targeted outreach to stakeholders to gain insight on the tool's key users, uses, main themes, and the best datasets to include. While the SoCal Greenprint will be freely available to anyone, key users have been defined as infrastructure agencies, conservation practitioners, community-based organizations, developers and planners.

To ensure that the SoCal Greenprint will be designed based on the needs of key users, SCAG and TNC have assembled a Steering Committee to guide the development of the tool. Steering Committee members are responsible for making decisions on the strategies to achieve outcomes and are focused on identifying and meeting Greenprint user needs. They attend monthly meetings with SCAG, TNC, and GreenInfo Network (GIN) to provide feedback on the Greenprint, and assist with outreach and identifying key contacts. Steering Committee participants include representatives from Audubon California, East Yard Communities for Environmental Justice, Friends of Harbors Beaches and Parks, Nature for All, Tataviam Land Conservancy, and UCLA Institute of the Environment and Sustainability, among others.

TNC and SCAG have also assembled a Strategic Advisory Committee and a Science and Methods Advisory Committee that include experts and external stakeholders from the building industry, local governments, infrastructure and natural resource agencies, conservation organizations, community organizations, landowners, parks and open space districts, scientists, and academia. The intention for the Committees is to reflect the diversity of people, landscapes, and experiences within the SCAG region to help the tool be meaningful for key users. The role of committee participants is to contribute actively in committee meetings and provide feedback to SCAG and the TNC team at key inflection points throughout the data gathering, development, and refinement process. This includes:

- Connecting with regional stakeholders who should be engaged or might provide additional expertise
- Providing input on themes and data outputs, and identifying sources of data
- Providing feedback on data communication and interpretation
- Supporting developing case studies, and participating in beta testing of the Greenprint tool

Further, an important element of the project entails interviews with key stakeholders, including members of the building and development community. Rapid Assessments have also been

conducted with various organizations to identify their priorities and walk individual stakeholders through potential data outputs for inclusion in the Greenprint. These sessions have been held with representatives of the Building Industry Association of Southern California (BIASC), Los Angeles County Planning Department, Riverside Corona Resource Conservation District, Sierra Club, Clean Power Alliance, and San Bernardino County Transportation Authority (SBCTA) thus far. Additional invitations for Rapid Assessment sessions were extended to local jurisdictions, county transportation commissions, subregions, community based organizations, and local conservancies.

With stakeholder input from these collective engagements, six final themes were developed to organize the data: agriculture and working lands, habitat and biodiversity, built environment, climate vulnerabilities and resilience, and water. Environmental justice, equity, and inclusion will be interwoven into all themes.

As discussed previously, synergies have also been established between work on the SoCal Greenprint and SCAG's housing efforts. The Nature Conservancy provided guidance on how to process and incorporate data in Connect SoCal's conservation layers and provided a prioritized list of environmental data that was incorporated into SCAG's Housing Element Parcel (HELPR) tool (<https://maps.scag.ca.gov/helpr>). This data is useful for planners in identifying areas to prioritize and accommodate future housing growth, which can help jurisdictions avoid potential environmental harms and issues in housing planning. While stakeholder outreach and data vetting continue, this upcoming year will focus on developing and testing the tool and gearing up for a launch campaign. The SoCal Greenprint is on schedule for completion in late 2021; additional information on the project is available online at <https://scag.ca.gov/greenprint>.

Local Information Services Team (LIST)

To support local jurisdictions in accessing SCAG's data tools, SCAG has established a team of planning staff, called the Local Information Services Team (LIST), to deliver personalized technical assistance to local jurisdictions, and provide local staff an opportunity to offer feedback on how SCAG can improve our products to facilitate better collaboration, both regionally and locally. By working closely with local jurisdictions, the LIST team also gains a strong understanding of local information needs to help inform the development of future information products and tools. The LIST will serve as a conduit to provide continuing data-oriented engagements with jurisdictions as our region moves through the four-year regional transportation plan and sustainable communities strategies (RTP/SCS) planning process.

In recent months, the LIST team has been engaging with local jurisdictions through one-on-one sessions to inform and train local staff on current resources available through the Regional Data Platform (RDP) and SoCal Greenprint projects – primarily the Housing Element Parcel Tool (HELPR), as well as software licenses from Esri's suite of resources made available through the Regional Data Platform. Starting in February 2021, the LIST team held individual two-hour training sessions with



nearly 50 jurisdictions. To request a training session, local staff can reach out to SCAG at list@scag.ca.gov.

FISCAL IMPACT:

These projects are funded in SCAG's Fiscal Year 2020-2021 Overall Work Program under 290-4862.01, 280-4832.01, 280-4832.02, and 280-4832.03.

ATTACHMENT(S):

1. PowerPoint Presentation: Update on SCAG Tools Underway

Update on SCAG Tools Underway

Regional Data Platform (RDP), SoCal Greenprint, Local Information Services Team (LIST)

Javier Aguilar, India Brookover, Kimberly Clark, Caitlin Smith, Abby Ramsden, Tom Vo

SCAG Planning Division, with Esri and The Nature Conservancy

April 29, 2021

www.scag.ca.gov



Guiding Themes & Goals



- Pursue resources for planning and implementation of open data, big data, and new technology initiatives (*Future Communities Framework Strategy 4*)
- Promote data-driven decision making, government transparency, and data as a public engagement tool to accelerate progress toward achieving regional planning goals (*Future Communities Framework Policy 1*)
- Increase the availability of civic data and information to reduce costs and increase the efficiency of public services (*Future Communities Framework Policy 2*)

Presentation Outline

- 1) Regional Data Platform
- 2) SoCal Greenprint
- 3) Local Information Services Team



3

SCAG
RDP

Southern California Association of Governments
Regional Data Platform



The Region Faces Big Challenges...

Population Growth

The region will add **4 million** people by 2035

Transportation

446 million miles driven each day

Housing Crisis

6th Cycle RHNA

Location Efficiency

Transit Oriented Development

Active Transportation

Climate Change Adaptation

Safety

Air Quality and GHG Targets

Sustainability


COVID-19

Public Health


Inclusive Economic Recovery

Equity

Environmental Justice



Connect SoCal is the big picture vision for a sustainable Southern California



Local Jurisdiction General Plans are the individual puzzle pieces that bring Connect SoCal into focus

Addressing These Challenges...

Requires Planning, Engagement & Data Sharing



- Struggle to update local General Plan
- Struggle to do regional forecasting & planning
- Need data, tools, resources, and support
- Need accurate, complete, and current local data

A Platform for a Smarter Region

The SCAG Regional Data Platform

- A robust system of systems for regional data sharing and collaboration
- Facilitates better planning at all levels
- Provides a platform to support a variety of SCAG initiative and programs



Supporting **regionally aware** local planning
And **locally informed** regional planning

For a more cohesive and sustainable region...

HELPR Tool

SCAG HELPR Housing Element Parcel Tool

Select Your Jurisdiction

City or County (Unincorporated) is: Apple Valley

Filter Parcels

- Vacant parcels of appropriate size
- Commercial/retail: Potential infill
- Public-owned land
- Inside priority growth area, outside constraints area
- Outside environmentally sensitive areas
- Inside higher opportunity areas
- Inside environmental justice areas
- Close proximity to services

Number of Selected Parcels
5,117,625

Download Parcels (CSV) Download Parcels (SHP)

HELPR Tool URL - <https://maps.scag.ca.gov/helpr/>

Recorded Demo - https://youtu.be/mYDL_xKtG-4?t=4195

Selected Parcel Attributes in HELPR

Existing Land Use	Zoning Designation	General Plan Designation	Specific Plan Designation
Assessor: Improvement-to-land value ratio	Parcel size (acres)	Slope	Building footprint area
Brownfield/superfund designation	Priority growth/constraint area	Environmental justice/opportunity areas	Proximity to grocery/healthcare/open space

Photos: CC BY-SA

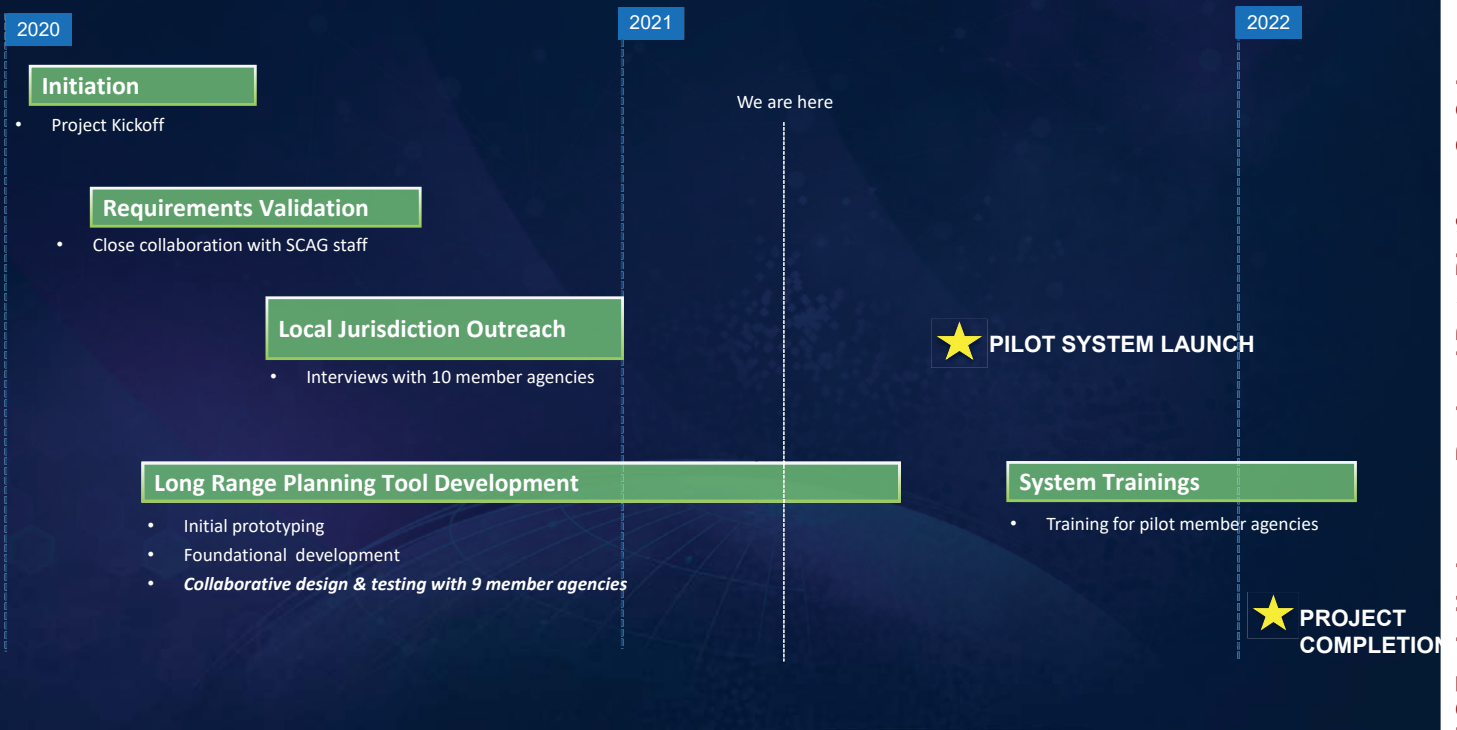
Attachment: PowerPoint Presentation: Update on SCAG Tools Underway (SCAG Tools Underway - Regional Data Platform, SoCal

Selected Environmentally Sensitive Areas

High and Very High Hazard Fire Risk Zones	Liquefaction Susceptibility Zones	Alquist-Priolo Earthquake Fault Zones	100 Year Floodplains
Active River Areas	Wetland Areas	Sea Level Rise Areas	Landslide Hazard Zones
Protected Areas	Wildlife Habitat, Connectivity Areas, and Missing Linkages	Natural Community & Habitat Conservation Plans Reserve Designs	Status and Locations of Rare Plants and Animals

Photos: CC BY-SA

Regional Data Platform Pilot Project Schedule



Presentation Outline

- 1) Regional Data Platform (RDP)
- 2) SoCal Greenprint
- 3) Local Information Services Team (LIST)



Goal of the SoCal Greenprint

To protect, restore, and enhance natural lands, public greenspace, working lands, and water resources and the benefits they provide to people and nature throughout the SCAG region

1

Attachment: PowerPoint Presentation: Update on SCAG Tools Underway (SCAG Tools Underway - Regional Data Platform, SoCal

Key Users of the SoCal Greenprint



Infrastructure Agencies



Conservation Practitioners



Community-Based Organizations



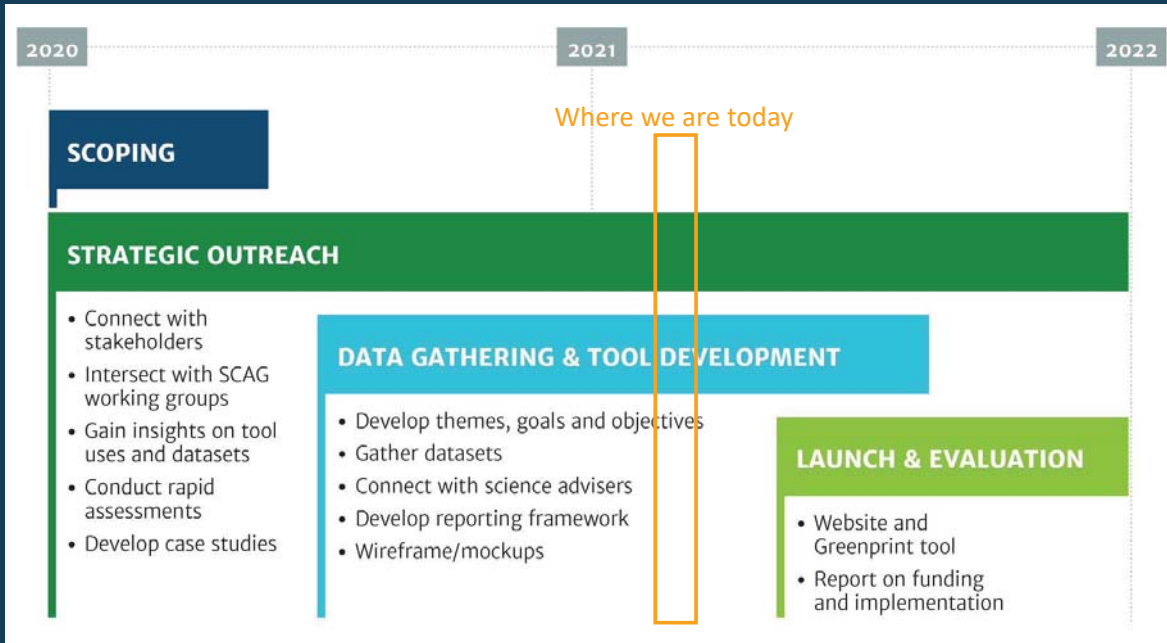
Developers



Planners
(Town, City, County, Triba

1

Milestones



Attachment: PowerPoint Presentation: Update on SCAG Tools Underway (SCAG Tools Underway - Regional Data Platform, SoCal

Outreach Activities - Overview

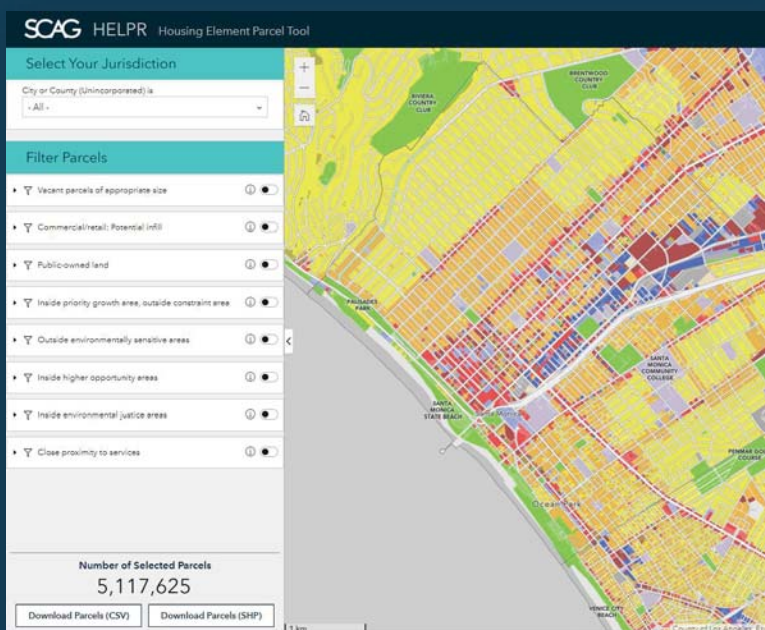


- Steering committee includes outside experts
- Engagement with over 60 advisors at 4 interactive workshops
 - Multiple sectors and diverse geographies
 - Public agencies and municipalities
 - Building and development community
- Ongoing conversations and small working groups
- 8 Rapid assessment interviews
- Developed 6 user profiles
- Pre-launch testing
- Case studies

Outreach Activities – Rapid Assessments

Organization Name	Organization Type	Housing-related?	County	Project Specifications	Greenprint Advisor?
Pacoima Beautiful	Community Based Organization	No	Los Angeles	Interest: Identifying opportunities to expand greenspace	No
Riverside Corona Resource Conservation District	Agriculture Governmental Agency	No	Western Riverside and San Bernardino	Interest: Highlighting the co-benefits of protecting agricultural lands.	Yes
Clean Power Alliance	Infrastructure Conservation Organization	No	Ventura	Interest: Understanding the impacts and resources on a proposed project site for renewable energy.	Yes
San Bernardino County Transportation Authority	Transportation Agency	No	San Bernardino	Interest: Identifying the impacts of a potential transportation corridor.	Yes
LA County Planning	Planning Agency	Yes	Los Angeles	Interest: Identifying the environmental resources on a site proposed for housing development.	Yes
Building Industry Association of Southern California	Developer Organization	Yes	Los Angeles	Interest: Understanding the potential opportunities and benefits of a proposed housing development.	Yes
Sierra Club – Santa Clarita Chapter	Conservation Organization	Yes	Los Angeles	Interest: Understanding the environmental impacts of a proposed housing development.	No
Placeworks	Planning Consultant	Yes	San Bernardino	Interest: Understanding how the Greenprint can be used to inform General Plan updates.	No

Technical Contributions



- SoCal Greenprint Data contributed to the HELPR tool
- Data flow between SoCal Greenprint and other SCAG tools
- Data in the SoCal Greenprint utilizes publicly available resources

SoCal Greenprint Data Review Process



- 1. Compilation:** TNC Science team compiled lists of publicly-available data and developed metrics for each theme ; used in rapid assessments.
- 2. External Review:** We reached out to advisors who have expertise for each theme and ask them to review the data and metrics and provide feedback.

Rapid assessment interviews with representative projects also provide feedback about data and metrics.

- 3. Internal Review:** TNC Science team is reviewing data recommendations and will make final decisions about what to include/exclude.

Data Inventory – Agriculture Example



GIS Data Name	Source Name	Data Layers Used	Metric Type
Farmland Mapping and Monitoring Program 2016	California Department of Conservation	2016 Prime Farmland; 2016 Important Farmland; 2016 Farmland of Statewide Importance; 2016 Farmland of Local Importance; Grazing Land	Tabular: Acres in project area/region
Farmland Mapping and Monitoring Program 1984	California Department of Conservation	1984 Prime Farmland	Descriptive/Graphic: Change in area of prime farmland between 1984 and 2016 (historic trend)
Soil Agricultural Groundwater Banking Index (SAGBI)	California Soil Resource Lab at UC Davis and UC-ANR	Groundwater recharge	Tabular: Acres of soils suitable for groundwater recharge in the project area/region
Crop production	USDA	Agricultural production by CWHR 13 Agriculture Types	Descriptive: Dollar value of crops grown in the project area/region
Projected Change in Climate Water Deficit	USGS-BCM (Flint and Flint)	Climate water deficit	Descriptive: Additional water needed for irrigation under climate change (cross-cutting metric)
CA Storie Index	USDA - Soil Survey Geographic Database	Soil rating	Tabular: Acres of project area with high Storie Index score in project area/region – indicator of soil health
Class 1 and 2 lands that are of high value for food production.	USDA - Soil Survey Geographic Database	Irrigation capability of soil	Tabular: Acres in project area/region
Williamson Act properties	County by county data		Protection metric: Number of properties in the project area or region enrolled in the Williamson Act
Farmland Under Threat	American Farmland Trust		Descriptive: Information about the types of threats to farmland and action-oriented metric about the importance of conserving agricultural lands

Presentation Outline

- 1) Regional Data Platform (RDP)
- 2) SoCal Greenprint
- 3) Local Information Services Team (LIST)



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Attachment: PowerPoint Presentation: Update on SCAG Tools Underway (SCAG Tools Underway - Regional Data Platform, SoCal

Local Information Services Team (LIST) & General Plan Technical Assistance Introduction

- Purpose – Coordinate, plan, and develop a system to (1) link SCAG’s value-added products (e.g. data, applications, etc.) to help address local information needs, (2) deliver technical assistance, and (3) provide local staff an opportunity to offer feedback on how SCAG can improve our products to facilitate better collaboration, regionally and locally
- Currently, LIST is focusing on the General Plan (e.g. housing, safety, and EJ, etc.) technical assistance
 - Prepare a team to provide technical assistance to jurisdictions to use our data, tools, and model policies



2

Local Information Services Team (LIST) Progress

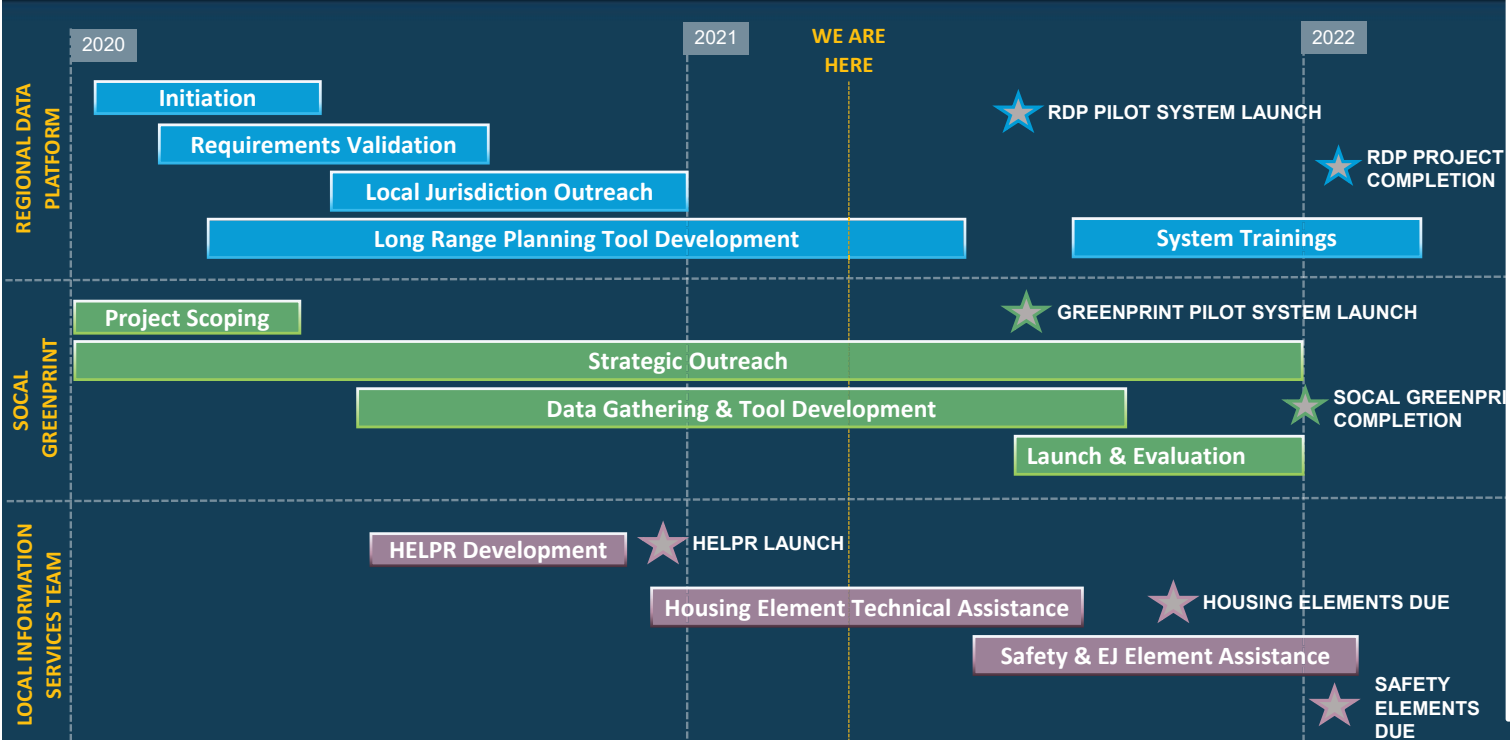


- Since February 2021, the LIST has met one-on-one with nearly 50 jurisdictions
- Hands-on trainings have included demonstrations of the HELPR Tool, and review of SCAG’s Resources for Housing Elements
- Training includes deadlines for updates to Safety Elements and Environmental Justice Elements; additional technical assistance will include a focus on these updates
- One-on-one sessions for Housing Elements will continue through June
- Additional sessions will continue as requested by jurisdictions
- Request technical assistance at list@scag.ca.gov



2

Integrated Project Schedule



Attachment: PowerPoint Presentation: Update on SCAG Tools Underway (SCAG Tools Underway - Regional Data Platform, SoCal

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**Thank you
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Questions & Discussion

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