

San Joaquin Valley Regional Planning Agencies Policy Council Meeting Agenda

Friday, January 17, 2020 Time: 10:00 a.m.

Meeting Location: Fresno Council of Governments 2035 Tulare Street, Suite 201 Fresno, CA 93721

Teleconference Number: 1-515-604-9094 Participant Code: 432-600-639

A. CALL TO ORDER AND INTRODUCTIONS

Chair Mendoza

B. ELECTION OF CHAIR AND VICE CHAIR

<u>Enclosure</u>

C. APPROVAL OF MINUTES

June 14, 2019 Regional Policy Council Meeting

 \checkmark

D. DISCUSSION/ACTION ITEMS

1. State Route 99 Funding

Sharri Ehlert

Receive Update

2. Valley Voice Sacramento (March 11, 2020)

 \checkmark

a. Discuss and Approve Regional Priorities

Michael Sigala

b. Review Itinerary and Logistics

Gus Khouri

(559) 266-6222

(559) 314-6015

2001 Howard Road, Suite 201 Madera, CA 93637



Chair Mayor Rudy Mendoza City of Woodlake

Supervisor Chuck Winn San Joaquin County

San Joaquin Council of Governments Tulare County
Association of

Fresno Council of

Kern Council of Kings County Association of Governments Madera County Transportation Commission Merced County Association of Governments Stanislaus Council of Governments

	<u>Enclosure</u>
nent	☑
Michael Sigala Robert Phipps	

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3. High Speed Rail Merced-Fresno-Bakersfield Interim Operating Segment

Consider Approving Letter of Support

4. San Joaquin Valley Multiagency Working Group for Housing

Receive Update

5. EV Aviation-Ground Innovations Network for the SJV

Presentation and Consideration to Approve Support

Keith Bergthold

Joseph Oldman

E. INFORMATIONAL ITEMS

The following items are for informational purposes and require no action or vote. Individuals noted will be present to provide a verbal update.

1. Caltrans Report Sharri Ehlert/Dan McElhinney

2. San Joaquin JPA for Passenger Rail

3. Rural Transit Alternatives Study/ARB Grant

4. California Partnership for the San Joaquin Valley

Dan Leavitt

Michael Sigala

Frida Cardoza

F. OTHER ITEMS

1. Executive Directors' Report

Patricia Taylor

2. Policy Council Member Comments

G. PUBLIC COMMENT

This portion of the meeting is reserved for persons wishing to address the Council on items within its jurisdiction but NOT on this agenda. Public Comment will be allowed during the Discussion/Action Items above.

Regional Policy Council Phone Conference Meeting to Discuss Valley Voice Sacramento: Friday, February 28, 2020 at 10am

Next Regular Regional Policy Council Meeting: Friday, June 26, 2020

Americans with Disabilities Act (ADA) Accommodations

The public meeting location and restrooms are ADA accessible. Representatives or individuals with disabilities should contact the SJV Regional Planning Agencies at 559.266.6222, at least 3 days in advance, to request auxiliary aids and/or translation services necessary to participate in the public meeting.



ITEM C

Meeting Minutes

Friday, June 14, 2019 Time: 10:00 a.m.

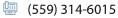
Meeting Location: **Castle Conference Center** 1900 Airdrome Entry Atwater, CA 95301

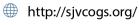
Teleconference Number: 1-515-604-9094 Participant Code: 432-600-639

Meeting Attendees:

MEMBER	MPO/COG	TITLE	JURISDICTION
Amarpreet Dhaliwal (phone)	Fresno COG	Mayor	City of San Joaquin
Gary Yep (phone)	Fresno COG	Mayor	City of Kerman
Manual Cantu (phone)	Kern COG	Mayor	City of McFarland
Grace Vallejo (phone)	Kern COG	Mayor	City of Delano
Daron McDaniel	MCAG	Supervisor	Merced County
Mike Villalta (phone)	MCAG	Mayor	City of Los Banos
Dan Wright	San Joaquin COG	Vice Mayor	City of Stockton
Vito Chiesa	Stan COG	Supervisor	Stanislaus County
Bill Zoslocki	Stan COG	Councilmember	City of Modesto
Jenny Kenoyer	Stan COG	Councilmember	City of Modesto
Francisco Ramirez (phone)	KCAG	Councilmember	City of Hanford
Linda Launer (phone)	TCAG	Councilmember	City of Dinuba
Rudy Mendoza – Chair	TCAG	Mayor	City of Woodlake

Please see Appendix A for a list of other attendees





B. APPROVAL OF MINUTES

There was a motion to approve the January 25, 2019 Regional Policy Council Meeting minutes.

First Motion: Supervisor Daron McDaniel Second Motion: Mayor Grace Vallejo No Nays

Motioned Carried

C. DISCUSSION/ACTION ITEMS

1. Guest Speaker: Egon Terplan, Governor's Office

a. Update on Regions Rise Together Project

Egon Terplan briefly gave an update on the Regions Rise Together initiative and highlighted three methods how this initiative works: 1) supporting Regions Up processes, planning and partnerships 2) use the leadership of the Governor's Office and others in California 3) Help the state government through its systems and policies. Mr. Terplan noted there will be an Economic Summit in November held in Fresno. There were open discussions regarding economic development, transportation, air quality and various other issues throughout the San Joaquin Valley.

2. Valley Voice D.C. (Sept. 11-12, 2019)

a. Discuss Federal Legislative Priorities

Jen Covino

Jen Covino provided an update on recent federal actions pertaining to transportation and infrastructure and reviewed the list of legislative principles to identify and prioritize items that are most significant. Ms. Covino advised continuing to focus on regionally significant infrastructure projects that are tied to federal funding. Also, the INFRA Grants are expected to be announced this summer before the D.C. trip and the Federal Rail announced its project selections for its prior round of the CRISSY Grant. The DOT announced that it is accepting applications for a newly created Port Infrastructure Development Program. In addition, the BUILD Grant applications will be due July 15 with project selections being made in the late fall. Ms. Covino noted that there are multiple grants serving Opportunity Zones and it may give competitive preference in the application. Rudy Mendoza, Chair, asked the directors to make a list of projects that are directly related to their community and opportunity zones. Ms. Covino discussed other priorities that included regulatory issues, legislative issues and appropriations requests.

b. Review Itinerary and Logistics

Michael Sigala

Michael Sigala reviewed the logistics and itinerary. Mr. Sigala noted that reservations were made at the Hyatt at Capitol Hill and he will be sending out links to the directors to make their arrangements. It was noted that the delegation will be to be starting off the day at the Hyatt with a breakfast meeting.

3. Water Policy Committee

Michael Sigala

a. Approve Bylaw Changes to Membership, Leadership and Voting

Michael Sigala gave a brief overview of the desired changes to the Water Policy Committee that were discussed in the January 25, meeting. In order to implement the desired changes, the council has to adopt the revisions made to the San Joaquin Valley Regional Planning Agencies Policy Council Bylaws.

There was a motion to approve the revisions made to the San Joaquin Valley Regional Planning Agencies Policy Council Bylaws.

First Motion: Supervisor Vito Chiesa

Second Motion: Supervisor Daron McDaniel

No Nays

Motioned Carried

There was a nomination for Bill Zoslocki to represent Stanislaus County on the Water Policy Committee.

First Motion: Supervisor Vito Chiesa

Second Motion: Supervisor Daron McDaniel

No Nays

Motioned Carried

b. Presentation by the San Joaquin Valley Blueprint Coalition

There was no presentation at this time. Rudy Mendoza, Chair, noted that the San Joaquin Valley Blueprint Coalition will reschedule the presentation at a later date.

4. Housing Trailer Bill

a. Receive Update and Overview

Michael Sigala

Michael Sigala provided a deeper insight to the Trailer Bill, noting \$125 million will go to MPOs and more specifically an estimated \$20.3 million will go to the San Joaquin Valley multi-agency working group. The funds are to be used for technical assistance, preparation and adoptions of planning documents, and process improvements.

b. Approve Formation of a Standing Committee as the Regional Working Group of the San Joaquin Valley

Robert Phipps

Robert Phipps briefly discussed the formation of the working group at this time and noted there may be changes in the future.

There was a motion to approve the following:

- 1. Fresno COG as the Fiscal Agent for the San Joaquin Valley
- 2. Formation of a standing committee of the Policy Council, the Regional Working Group
- 3. Solicit one member per county from the Policy Council to serve on the Regional Working Group

First Motion: Mayor Manual Cantu

Second Motion: Supervisor Daron McDaniel

No Navs

Motioned Carried

5. Valleywide Overall Work Program (OWP)

a. Receive and Approve FY 2019-20 OWP

Michael Sigala

Michael Sigala gave a short review of the Valleywide Overall Work Program (OWP) attached in the agenda packet. Mr. Sigala noted that the San Joaquin Valley Regional Planning Agencies' Directors Committee approved FY 2019-20 Valleywide Overall Work Program at their May 2, meeting.

There was a motion to approve the Valleywide Overall Work Program for FY 2019-20

First Motion: Supervisor Daron McDaniel Second Motion: Vice Mayor Dan Wright

No Nays

Motioned Carried

6. Meeting Calendar for FY 2019-20

a. Receive and Approve

Michael Sigala

Michael Sigala reviewed the meeting calendar and asked for a motion to consider adopting the calendar as is. Rudy Mendoza, Chair, asked Michael Sigala to setup and include a water policy meeting before the D.C. trip in September.

There was a motion to approve the Meeting Calendar for FY 2019-20.

First Motion: Vice Mayor Dan Wright Second Motion: Mayor Grace Vallejo

No Nays

Motioned Carried

E. INFORMATIONAL ITEMS

The following items are for informational purposes and require no action or vote. Written summaries of Informational Items are included in the agenda packet.

1. Caltrans Report

Sharri Ehlert/Dan McElhinney

Ken Baxter reported that Lori Berman is retiring and her last day is June 29. Mr. Baxter noted that the Port of Stockton two lane bridge replacement to four lanes has been completed.

2. San Joaquin JPA for Passenger Rail

Dan Leavitt

No reports were given at this time.

3. Rural Transit Alternatives Study/ARB Grant

Michael Sigala

Michael Sigala gave a brief update and noted they have rolled out the carsharing program MioCar and they currently 20 members.

4. California Partnership of the San Joaquin Valley

Ismael Herrera

No reports were given at this time.

E. OTHER ITEMS

1. Executive Directors Report

Rosa Park

Rosa Park reported that the directors have been in discussions and the Air Resources Board regarding the SCS guidelines.

2. Policy Council Member Comments

No comments.

F. PUBLIC COMMENT

This portion of the meeting is reserved for persons wishing to address the Council on items within its jurisdiction but NOT on this agenda. Public Comment will be allowed during the Discussion/Action Item above

No were no public comments to report

G. WAYMO (Google Self-Driving Car) Presentation – During Lunch

Appendix: A

On the Phone:		
Individaul(s)	Organization	
Michael Sigala	SJV Coordinator, Sigala Inc.	
Rosa Park	Stan COG	
Jen Covino (phone)	Len Simon & Co	
Tom Jordan (phone)	SJVAPCD	
Egon Terplan	Governor's Office	
Ahron Hakimi	Kern COG	
Robert Phipps	Fresno COG	
Sandy Ebersole (phone)	МСТС	
Becky Napier (phone)	Kern COG	
Silvana Caldera (phone)	Len Simon & Co	
Ken Baxter (phone)	Caltrans District 10	
Rudy Serrato	Sigala Inc.	



SACRAMENTO, CALIFORNIA

San Joaquin Valley REGIONAL PRIORITIES 2020

Goods Movement

Passenger Rail

California Climate Goals

Air Quality

Housing Planning and Production

Water Reliability, Quality and Supply

GOODS MOVEMENT

SR 99, SB 1 Funding

The San Joaquin Valley (SJV) is California's geographic and agricultural production center, generating more than \$35 billion every year in nuts, milk, citrus, lettuce, tomatoes, wine, and other grains and agricultural products. It also plays a major role in national and international processed food and energy distribution, and has a burgeoning logistics and distribution industry.

State Route 99: The San Joaquin Valley is the heart of California's transportation system, and is a major economic generator within California. A significant majority -- roughly 92 percent -- of its commodities are transported by truck, primarily using State Route 99, Interstate 5 and other major east-west corridors. State Route 99 is consistently identified as one of the most dangerous and fatal highways in the nation. One of the major safety factors is capacity flows around the bottleneck areas, where freeway lanes go from three to two lanes in multiple locations across the region.

SB 1 Funding: The eight San Joaquin Valley Counties seek to secure funding through the various competitive programs, such as the Active Transportation Program, Local Partnership Program, Solutions for Congested Corridors (SCC), and Trade Corridor Enhancement Program (TCEP) for regional improvements throughout the Valley.

REQUEST:

SUPPORT SAN JOAQUIN VALLEY TCEP PROJECT FUNDING APPLICATIONS

San Joaquin Regional Rail Commission – Stockton Diamond Grade Separation

This rail intersection is currently a choke point for freight movement in the area, which limits the number of passenger rail trips that can pass through daily. The project would construct track connections and grade separate the BNSF Stockton Subdivision and UPRR Fresno Subdivision diamond crossing. Completion of this project would improve the flow of freight through the area, and allow for an increased number of regional passenger rail trains to pass.

City of Tracy – Valley Gateway Project

Project includes the reconstruction of the I-580 / International Parkway & I-205 / Mountain House Parkway interchanges, widen International Parkway between the two interchanges, and the reconstruction of the Delta-Mendota Canal bridge & California Aqueduct bridge. The proposed improvements will promote efficient goods movement, alleviate traffic congestion, improve safety, and are consistent with plans to maintain transportation facilities in a state of good repair. These improvements will help promote job growth and boost the agricultural economy in this disadvantaged rural area. The project complements the growth of fulfillment centers, distribution centers, and warehousing in the project area.

Kern County – State Route 46

Improve a rural 5.3-mile segment of 2-lane conventional highway to a 4-lane highway and make intersection improvements in Lost Hills, CA. This is the final segment in a 33-mile long corridor enhancement project (ADDITIONAL PROJECT INFORMATION FORTHCOMING).

Tulare County – State Route 99

Capacity Improvements for a __ mile segment of SR 99 in Tulare County (ADDITIONAL PROJECT INFORMATION FORTHCOMING).



PASSENGER RAIL

ACE/San Joaquins/High Speed Rail

Additional investment in passenger rail service is an effective way of reducing greenhouse gas emissions, increasing mobility options, and reducing vehicle miles. With more than 5.5 million annual passengers for fiscal year 2012, California has more than 20 percent of all the nation's intercity riders. In FY 17-18, the Amtrak San Joaquins service carried more than 1.1 million passengers, and 1.5 million passengers boarded the Altamont Corridor Express. Improving California's Intercity Passenger Rail Program will result in more jobs, better air quality, less automobile use, improved public safety, more transportation choices, and more sustainable communities.

Hybrid Locomotive and Technologies Pilot: The San Joaquin Regional Rail Commission (SJRRC) and San Joaquin Joint Powers Authority (SJJPA) are submitting a joint application for the State's 2020 Transit and Intercity Rail Capital Program (TIRCP). SJRRC and SJJPA are applying for funding to study the potential of utilizing new technologies that will help reduce the energy consumption and greenhouse gas emissions of the ACE and San Joaquins locomotives and multiple unit trainsets which could be used by ACE, San Joaquins and Valley Link services.

REQUEST:

 SUPPORT SJJPA/RAIL COMMISSION TIRCP 2020 GRANT APPLICATION FOR HYBRID LOCOMOTIVE PILOT, AND RAIL COMMISSION/SJJPA/TVSJVRRA HYBRID TECHNOLOGY STUDY.

High-Speed Rail: Completing the Merced-Fresno-Bakersfield High-Speed Rail Initial Operating Segment represents a significant infrastructure investment in the San Joaquin Valley that will enhance connectivity, reduce travel times, improve air quality and link the economic prosperity of the rest of California to the San Joaquin Valley.

REQUEST:

 SUPPORT THE GOVERNOR'S PLAN AND CHSRA'S POLICY RECOMMENDATION TO PURSUE, AND COMPLETE WITHOUT DIVERTING FUNDS TO SOUTHERN CALIFONIA, THE MERCED-FRESNO-BAKERSFIELD INTERIM OPERATING SEGMENT, WITH STATIONS AT MADERA AND KINGS/TULARE TO PROVIDE HIGH-SPEED RAIL SERVICE TO CALIFORNIANS AS THE EARLIEST POSSBILE TIME.

CALIFORNIA CLIMATE GOALS

Green House Gas Emission Reductions, Climate Investment Program

The San Joaquin Valley Regional Transportation Planning Agencies (RTPAs) support California's climate goals and are deeply committed to improvements to passenger and freight rail systems, greenhouse gas emissions reductions, reducing vehicle miles traveled, and improving walking, biking and other modes of transportation. We support transportation investments aligned with housing and economic development. We simultaneously support completing the State Route 99 highway system, and are committed to working with the State to find realistic solutions for addressing declining transit ridership and barriers to high-density housing in our communities.

We have recently launched a pilot program to establish an electric-vehicle car-sharing program in rural disadvantaged communities, and are partnering with the Institute of Transportation Studies at UC Davis for an autonomous electric truck pilot for Interstate 5. These are just two examples of the many programs and projects the Valley is implementing to reduce fossil fuel consumption and greenhouse gas emissions in the transportation sector.

Achieving reductions in vehicle miles traveled amid rapid expansion and growth in our region continues to be a major policy discussion as we work to implement the goals of the Climate Investment Program. We continue to welcome coordination and dialogue with the Air Resources Board, Strategic Growth Council, Housing and Community Development, California Transportation Commission and other State partners to address this topic.

- CONSIDER REGIONAL ALLOCATIONS OF CLIMATE INVESTMENT FUNDING BY AIR QUALITY STATUS AND DISADVANTAGED COMMUNITY STATUS.
- ENCOURAGE JOB CREATION WITHIN THE SAN JOAQUIN VALLEY TO REDUCE VEHICLE MILES TRAVELLED TO AND FROM OTHER NEIGHBORING REGIONS.
- PROVIDE INCENTIVES FOR REGION WIDE ELECTRIC-VEHICLE CHARGING STATIONS AND ELECTRIC-VEHICLE CAR PURCHASES.
- RECOGNIZE AND WORK WITH THE SAN JOAQUIN VALLEY TO IMPLEMENT STRATEGIES
 TO ACHIEVE GREENHOUSE GAS REDUCTIONS THAT ARE UNIQUE TO THE LAND USE
 PATTERNS, DEMOGRAPHICS AND ECONOMICS OF THE VALLEY.

AIR QUALITY

The San Joaquin Valley has made significant clean air investments and progress through the implementation of multiple clean air attainment plans and stringent regulations. However, in addition to stringent regulatory measures, funding is necessary to further reduce air pollution and expedite public health benefits and attainment of the federal standards through incentive-based measures, particularly with respect to mobile sources that now make up over 85 percent of the Valley's remaining air pollution. The Valley's recently adopted PM2.5 plan includes a wide range of aggressive regulatory and incentive-based measures to be implemented by both the District and California Air Resources Board (CARB), including several incentive-based mobile source control measure commitments by CARB to significantly accelerate the deployment of new clean vehicles, equipment, and technologies across a variety of sectors. Implementing these new measures will require \$5 billion of new incentive funding investment between now and the federal attainment deadline of 2024.

The San Joaquin Valley has been a leader and pioneer in the utilization of incentive grants to achieve voluntary emissions reductions from mobile sources. These grants have helped thousands of agricultural, trucking, and other businesses in the San Joaquin Valley acquire new, low-emitting trucks, tractors, and other equipment, spurring major local public and private investment in new equipment that would otherwise not be occurring. In addition to providing for significant air quality and public health benefits, these programs also provide for substantial investment and economic benefits across the agricultural, manufacturing, food processing, logistics, and other sectors, leading to job growth and improved quality of life for the Valley's disadvantaged communities.

- ALLOCATE \$175 MILLION IN FUNDING TO THE "FUNDING AGRICULTURAL REPLACEMENT MEASURES FOR EMISSION REDUCTIONS PROGRAM" (FARMER). THESE FUNDS WILL ASSIST THE SAN JOAQIN VALLEY IN REDUCING EMISSIONS FROM 12,000 HEAVY DUTY TRACTORS BY 2025.
- ALLOCATE \$250 MILLION IN FUNDING STATEWIDE FOR THE "COMMUNITY AIR PROTECTION PROGRAM". THESE FUNDS WILL ALLOW THE SAN JOAQUIN VALLEY TO MEET THE STATE'S COMMITMENT TO REDUCE EMISSIONS FROM HEAVY DUTY DIESEL TRUCKS AND OTHER DIESEL FLEETS.

HOUSING PLANNING AND PRODUCTION

The San Joaquin Valley is experiencing an affordable housing crisis on par with the other larger metropolitan areas of California. A disproportionate number of San Joaquin Valley residents live in poverty, in rural disadvantaged communities, and in substandard housing when compared to other regions of California. Similarly, the amount of personal income expended on housing and transportation by our residents is higher when compared to the coastal regions of California.

Recently, the Local Government Planning Support Grants Program (AB 101) was established to provide regions and jurisdictions with one-time funding, including grants for planning activities, to help them meet the sixth cycle of the Regional Housing Needs Assessment and to spur affordable housing production.

The San Joaquin Valley is committed to implementing this and other program funding and strategies to address the housing crisis.

- WORK WITH VALLEY MPOS TO CREATE A FAIR, TRANSPARENT AND STRATEGICALLY VIABLE REGIONAL HOUSING NEEDS ALLOCATION (RHNA) PROCESS FOR THE UPCOMING SIXTH CYCLE.
- ALLOW MAXIMUM FLEXIBILITY AND UTILITY OF AB 101 FUNDING, INCLUDING USING FUNDS FOR AFFORDABLE HOUSING PRODUCTION.
- SUPPORT ADDITIONAL FUNDING FOR HIGHER-DENSITY, MODERATE-INCOME HOUSING, AND FUNDING SET-ASIDES FOR EXTREMELY DISADVANTAGED REGIONS OF THE SAN JOAQUIN VALLEY.
- REDUCE THE LOCAL FUNDING COMMITMENT REQUIREMENTS IN THE AHSC AND OTHER STATE HOUSING DEVELOPMENT PROGRAMS.
- FIND A SOLUTION TO THE CONSTRUCTION DEFECT LIABILITY INSURANCE ISSUE FOR CONDOMINIUM CONSTRUCTION. THE LACK OF CONDOMINIUM CONSTRUCTION IN THE SAN JOAQUIN VALLEY ADVERSELY IMPACTS HOUSING DENSITY AND AFFORDABLE HOUSING OPTIONS.

WATER RELIABILITY, QUALITY AND SUPPLY

The San Joaquin Valley's growth rate is projected to be 65 percent higher than the state average within the next 15 years. The effects of a diminished food supply due to the unreliable availability of water will have a detrimental effect on the State of California and the nation. Our nation's food supply and security will be impacted significantly as a result of inaction. It is critical that state and federal policymakers and agencies work together to ensure adequate water supplies for the region. Many small disadvantaged communities throughout the San Joaquin Valley have water quality that does not meet Federal and State clean drinking standards and can't afford costly water system upgrades.

- STATE LEGISLATORS WORK WITH THEIR FEDERAL COUNTERPARTS TO DEVELOP A
 WATER POLICY FOR THE REGION THAT IS SUSTAINABLE AND EQUITABLE, WITH AN
 EMPHASIS ON WATER STORAGE.
- SUPPORT TEMPERANCE FLAT RESERVOIR WITH PROPOSITION 1 FUNDING TO SECURE 1.3 MILLION ACRE FEET OF WATER ANNUALLY FOR THE VALLEY.
- AMEND THE GROUNDWATER SUSTAINABILITY ACT TO ALLOW FOR GREATER RECHARGE CAPACITY.
- PROVIDE AVAILABLE FUNDING TO MUNICIPALITIES FOR SAFE AND CLEAN DRINKING WATER.



September 27, 2019

Lenny Mendonca, Chair California High-Speed Rail Authority 770 L Street, Suite 620 Sacramento CA 95814

RE: Support for Merced-Fresno-Bakersfield Interim Operating Segment

Dear Honorable Chair Mendonca:

The San Joaquin Valley Regional Planning Agencies Policy Council strongly supports the Governor's Plan and CHSRA's policy recommendations to pursue a Merced-Fresno-Bakersfield interim operating segment, with stops at Kings/Tulare and Madera, to provide high-speed rail service to Californians at the earliest possible time.

The 171-mile Interim Operating Segment extending north to Merced and south to Bakersfield, coordinated with improvements aligned with the State Rail Plan north of Merced to Sacramento and to the Bay Area, and bus connections south of Bakersfield to Southern California, will create significant benefits including:

- Providing much faster and more reliable passenger rail service than is currently available in this corridor;
- Reducing travel times for rail passengers between Sacramento and the Bay Area to Bakersfield;
- Enhancing connectivity and accessibility to other passenger rail services;
- Providing the highest ridership and revenue potential of any Central Valley option;
- · Improving air quality in the Central Valley by shifting from diesel to clean, electrically powered trains; and
- Allowing for early testing of high-speed operations, thus reducing ramp-up time for future extensions.

Rail passengers in California will greatly benefit from dramatic reductions in train travel time between Southern California and the Sacramento and Bay Area regions. Direct connections in Merced to ACE and the San Joaquins will also translate into faster connections to the Capitols, Caltrain, BART, SacRT, Valley Link and VTA systems, which will also experience higher ridership.

The San Joaquin Valley Regional Planning Agencies Policy Council is very pleased to submit this letter of support for the Merced-Fresno-Bakersfield Interim Operating Segment. It is imperative that we move forward and complete the Interim Operating Segment as many Valley communities are currently under construction with existing high speed rail work efforts. Delivering a state-of-the-art passenger transportation system will have a lasting and positive economic impact to the San Joaquin Valley, and will benefit all of California.

Sincerely,

Chair, San Joaquin Valley Regional Planning Agencies Policy Council

cc: Brian Kelly, CEO; Brian Annis, CFO; Chad Edison, CalSTA

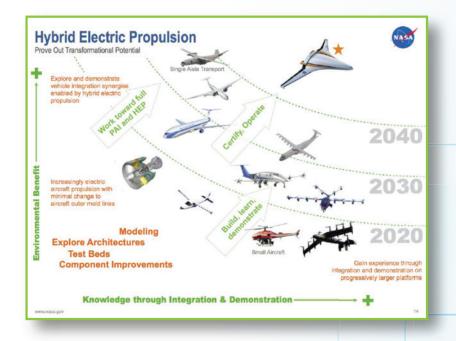


Valley EV Aviation-Ground Innovations Coalition

The World Needs and Wants Electric Aircraft



INTRODUCING: Valley EV Aviation-Ground Innovations Coalition Electrification of ground transportation, and now aviation, is proceeding at warp speed. Significant and scalable environmental and economic benefits are projected to better our world from the future integration of the electrification of aviation and ground transportation. Unprecedented testing and validation of different electric prototype aircraft has begun in the uncongested air space above the San Joaquin Valley, at the edges of huge western hemisphere and global markets for these multi-purpose, mobility improving, clean propulsion air vehicles.



The San Joaquin Valley is an Ideal Place in North America to Test, Demonstrate, and Validate New Electric Aircraft

- Uncongested Air Space Close to Major Markets
- More than 20 Underutilized General Aviation Airports in 8 Counties
- 260-300 Days a Year with Sunshine and Great Flying Conditions







Acknowledging its regional advantage as a unique location for initial aircraft testing for this emerging industry, cross-sector Valley leaders are coming together to conceptualize the regional job creation potential of advanced electric aircraft and ground level mobility propulsion vehicles, equipment, products, services, and training. A first mover strategy of linking many interrelated investments and activities at general aviation airports in each of our 8 counties as networked innovation hubs is being collaboratively pursued to competitively position the Valley and California to take advantage of this global transportation phenomenon.

Each of our Valley airports can become interconnected integrated Opportunity Fund Sites. The Valley EV Aviation-Ground Innovations Coalition has been formed to help guide and propel these new solutions for improved mobility, jobs, and climate.

What We Need Now to Succeed:

- Governor's Office to establish and fund a California Electric Aircraft Working Group based in the San Joaquin Valley
- Funding for aircraft and ground transportation electric charging infrastructure at all Valley partner general aviation airports
- Funding for a global electric propulsion manufacturing and services survey to determine skills training programs for the Valley
- Amendments to Opportunity Zone legislation and policies to allow and encourage substantial rehabilitation investments
- ➤ 5G infrastructure priorities for Valley general aviation airports designated as innovation HUBS with Opportunity Funds
- Amendments to DOL and other Federal Dept. regulations to allow WIOA and other funds to be used for pilot training





EV Aviation-Ground Innovations is a network concept for the San Joaquin Valley (SJV) aimed at capturing the significant economic, environmental and community advantages from first mover collaborations that implement related aspects of the integration of the electrification of aviation and ground transportation systems. A network facilitative team has been formed by two Valley-based 501(c)3 corporations, New Vision Aviation and Regenerate California Innovation, Inc., to provide networking, project and resource development, and high impact collaborative results for the SJV.

EV Aviation-Ground Innovations* Network for the San Joaquin Valley Organizing Framework

(2-4-19 Draft)

Introduction

Electrification of ground transportation, and now aviation, is proceeding at warp speed. New electric vehicle models for ground transport of passengers and cargo are being announced nearly every month by an increasing array of global car, SUV, pick-up truck, bus and heavy truck manufacturers as well as many new technology and industrial players not previously involved in the transportation industry or vehicle production. There is a demonstrable revolution in electric vehicle propulsion, products, consumer and business usage, and the common desire for capturing of related environmental and economic benefits that is moving definitively into the aviation field. Unheralded and unprecedented testing of different electric prototype aircraft in the uncongested air space of the San Joaquin Valley is happening at the edges of the eventual big west coast markets for these air vehicles in the Bay Area and Southern California. Conventional take-off and landing (CTOL) electric airplanes are being tested and validated at Fresno Chandler Executive Airport in Fresno and Reedley Municipal Airport in Reedley, while vertical take-off and landing (eVTOL) electric aircraft are being tested at the Hollister Airport. Firms such as Boeing Corporation are already conceptualizing a complete integration of ground and air electric vehicles, related supportive infrastructure, and high tech navigation systems. Electric passenger air shuttles taking off and landing safely in the space provided by two conventional auto parking stalls is not a far off reality. The exclusive aviation testing trials occurring in our Valley involve validation and demonstration of unique air transportation vehicle concepts wholly unimagined until recently, with the exception perhaps of Hanna-Barbera in 'The Jetsons' animated sitcoms of the 1960s.

More importantly for us, these trail blazing aviation and ground transportation developments, taken together, offer San Joaquin Valley cities and counties a regional competitive economic development advantage if we can seize the implied opportunities together as partnering first movers because of our location. To do so we must fully pursue development of a regional network of general aviation airports where electric air and ground transportation and technologies can be supported, tested, validated and demonstrated toward scale. We must mutually understand the practical implications of these revolutionary new technologies, products, and potential markets by exploring all possibilities for securing locations in our region for new manufacturing, maintenance, repair, technology development and entrepreneurship facilities, and for new job skills training and required job certifications for residents of our region. We must collaborative as never before across geographic, jurisdictional, and sector boundaries and against personal and organizational self-interests, aiming our shared goals and collective work at benefits for the entire region. The notes below outline an integrative organizing framework for the San Joaquin Valley to move into the future ahead of other regions, and to collaboratively harvest the fruits of integrated and advanced electric air and ground transportation systems along with the world class food and fiber crops our region produces now.

*EV Aviation-Ground Innovations is a network concept for the San Joaquin Valley (SJV) aimed at capturing the significant economic, environmental and community advantages from first mover collaborations that implement related aspects of the integration of the electrification of aviation and ground transportation systems. A partnership by the same name has been formed by two Valley based 501c3 corporations, New Vision Aviation (Joseph Oldham, CEO), and Regenerate California Innovation, Inc., (Keith Bergthold, CEO) — to facilitate networking, project and resource development, and high impact collaborative results for the SJV.

- SJV as a West Coast Center for Testing, Validation & Demonstration of Electric Propulsion Aircraft
 (CTOL and VTOL)- Network of Valley General Aviation Airports Linked as Innovation HUBS &
 Opportunity Zones for Supporting Testing, Validation, Demonstration, Innovation, New Training
 Programs and Significant New Investment (An E-viation Technology Center Network)
- SJV EV Aviation & Ground Transportation Innovation Coalition COGs, Cities, Counties, CALSTART, CSU Fresno, UC Merced, WDBs, SJV Manufacturers Alliance, School Districts, Air Districts, etc.
- EV Aviation Working Group for California HQ in the San Joaquin Valley State of California Establishing Authority, Partnership and Support
- Increased EV Charging Infrastructure Reliable Electricity Power Supply, Distribution & Siting Policies, Standards, and Development for California and SJV Sites CEC, CARB, Utilities, CALSTART, Air Districts (Valley, Bay, and Sacramento)
- **5G Infrastructure Deployment and Development Focus For SJV on Supporting** Innovation HUBs, and Increased EV Ground and Aviation Manufacturing, Repair, and Maintenance Facilities Sited in SJV (Cellular Companies, SJV Manufacturing Alliance, CALSTART, GO Biz) 5G is the latest generation of cellular mobile communications. It succeeds the 4G, 3G and 2G systems. (5G performance targets high data rate, reduced latency, energy saving, cost reduction, higher system capacity, and massive device connectivity. The transition to 5G already beginning in prototype systems in cities from Dallas to Atlanta is likely to be more revolutionary than evolutionary. What consumers will notice first is that the network is faster data should download almost instantly, even over cellphone networks. It is the first network built to serve the sensors, robots, autonomous vehicles and other devices that will continuously feed each other vast amounts of data, allowing factories, construction sites and even whole cities to be run with less moment-to-moment human intervention. It will also enable greater use of virtual reality and artificial intelligence tools. Wikipedia and NY Times)
- EV Ground Transportation System Integration with EV Aviation Studies, Policies, Resources and Programs linking Individual Passenger Vehicles, Freight, Transit, Trains, Fleets, Airports, New Urban VTOL Sites and More (Caltrans, COGs, Association of California Airports, Transit Agencies, Aircraft Manufacturers, CALSTART)
- Aligned Economic and Workforce Development Efforts Aimed at Improving Valley Resident Skills and Securing EV Ground and Aviation Manufacturing, Repair, and Maintenance Facilities and Jobs Sited in SJV
- SJV- Silicon Valley Technology Partnerships To Support Linked Technology and Innovation in SJV
 High School CTE, Workforce Development, Community College, CSU, and UC Innovation Education
 Training Programs
- SJV National Partnerships Public, Nonprofit, Private, Military Sectors -To Support All Aspects and Work of the SJV EV Aviation & Ground Transportation Innovation Coalition – (NASA, FAA, Boeing, U.S Air Force & Navy, CALSTART, EPA, FTA, DOE, Georgia Tech)

^{*}EV Aviation-Ground Innovations is a network concept for the San Joaquin Valley (SJV) aimed at capturing the significant economic, environmental and community advantages from first mover collaborations that implement related aspects of the integration of the electrification of aviation and ground transportation systems. A partnership by the same name has been formed by two Valley based 501c3 corporations, New Vision Aviation (Joseph Oldham, CEO), and Regenerate California Innovation, Inc., (Keith Bergthold, CEO) — to facilitate networking, project and resource development, and high impact collaborative results for the SJV.

ITEM D.5



Context for Electric Aviation & SJV

- Global Auto Market Now: \$2 Trillion Annually
- Global Aircraft Market Now: \$840 Billion Annually
- Global Electric Vehicle Market Now: \$119 Billion Annually Up From ZERO 20 Years Ago
- Global Electric Aviation Aircraft Market: Estimated to be Growing at 37% Annually by 2026 and be a \$178 Billion Annual Industry by 2040
- Commercial Aviation Now Growing at 4-5% Annually
- There Are Currently 170 Electric Aircraft Start-Ups Globally
- IT'S Still Early The SJV Has the Assets and Can Organize to Capture Significant Portions of the Huge Markets Being Created – IF IT CHOOSES TO DO SO?

Current SJV Transportation Choices

- Personal automobile: top speed (legal) = 70 mph
- Transit bus: top speed = 55 mph
- Inter-city motor coach: top speed (legal) = 70 mph
- Amtrak inter-city train: top speed = 79 mph
- Commercial airline aircraft: top speed = 450-500 mph (availability limited to Fresno, Bakersfield, Merced, Stockton)
- Commercial charter aircraft: top speed = 250-350 mph
- Private aircraft: top speed = 100-250 mph



EV Aviation/Ground Innovations Goals

Leverage Sustainable Aviation Project in Fresno County to bring outside investment to the region.

- Expand the network of electric aircraft charging to facilitate further electric aircraft deployment within the entire 8 county region.
- Test and validate thin-haul electric commuter airliner and eVTOL operation.
- Create new training and job opportunities and improve zero emission rural community mobility.

Regional Benefits

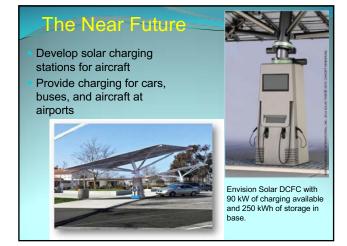
Demonstrate advanced electric thin-haul commuter aircraft and aerial sky transit vehicles to accelerate industry development.

Provide new career opportunities for residents by connecting them with advanced mobility technology.

- Bring new air service to Bay Area and L.A. from the San Joaquin Valley.
- Improve connectivity and mobility in rural and under-served communities and connect with existing transit service to enhance and support RTPs.
- Showcase the San Joaquin Valley as a center for innovation that will attract future investment and job creation.

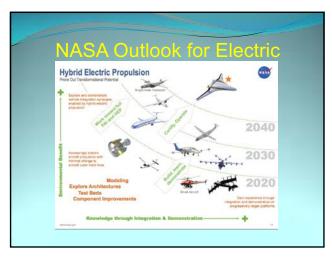






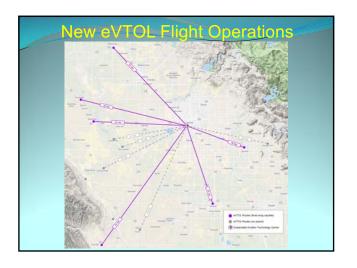






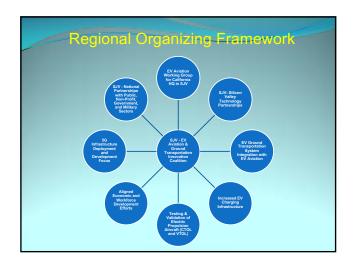






EV Aviation/Ground Innovations Objectives

- Establish a zero emission aviation working group in the San Joaquin Valley to help define the needs for deploying Zero Emission aircraft. (Washington state already has one:
- http://news.transportation.org/Pages/StateDotNewsDetail.aspx?MessageId=59037
- Promote development of infrastructure to support Zero Emission aircraft.
- Engage the Governor's office on development of Zero Emission aviation technology in California and how it can revitalize regional airports as zero emission transportation hubs to improve regional connectivity.
- Get support for demonstration projects that increase mobility while reducing environmental impacts.



Resolution to Form-the Altey EV Aviation-Ground Innovations Coalition Approved November 6, 2019: A RESOLUTION FORMING THE VALLEY EV AVIATION-GROUND INNOVATIONS COALITION, AUTHORZING AN MOU PARTNERSHIP FOR GRANTS AND CONTRACTS SUPPORTING COALITION ACTIVITIES AMONG AND BETWEEN THE REGIONAL PLANNING AGENCIES OF THE SAN JOAQUIN VALLEY WITH FRESNO COG AS FISCAL AGENT, AND DESIGNATING NEW VISION AVIATION (501C3) AND REGENERATE CALIFONIA INNOVATION (501C3) AS COALITION FACILITATORS AND SUB-APPLICANTS/SUB-AWARDEES OF GRANTS AND CONTACTS WRITTEN AND SECURED TO FURTHER THE PURPOSES OF THE VALLEY EV AVIATION-GROUND INNOVATIONS COALITION.

Implementation Elements

Pilot Training, School and College Partners, Staffing, Curriculums, Equipment & Community Support and Participant Retention Systems

- Feasibility Studies to Assess Economics, Markets, Land Use, Labor, Facility and Finance Requirements
- Infrastructure Investments at Local Airports & Innovation Hubs
- Aircraft Testing, Validation, and Certification Support Operations at Local Airports
- Workforce Training & Development for EV Aviation Ground Systems
- EV Aviation Start-Ups & Business Attraction, Industry Support, Marketing, Communications, Community and Public Relations
- Governance, Staffing and Resources

Implementation Elements

- Pilot Training, School and College Partners, Staffing, Curriculums, Equipment & Community Support and Participant Retention Systems:
- Student Recruitment and Glider, Sport, Private & Commercial Certifications with Reduced Costs through Collaboration and Integrated Public Education, Nonprofit and Private Programs

Implementation Elements

Feasibility Studies to Assess Economics, Markets, Land Use, Labor, Facility and Finance Requirements:

 Analyses and Studies to Assess, Promote and Finance Regional EV Aviation-Ground Industry Development, Including Requirements for OZs, Tax Credits, Local Bond Programs, State & Federal Grants, Etc.

Implementation Elements

- Infrastructure Investments at Local Airports & Innovation Hubs:
- Broadband, 5G, EV Charging, Other Utilities, On-sites
 & Off-sites, Existing Building Improvements, New Building Construction, etc.

Implementation Elements

Aircraft Testing, Validation, and Certification Support Operations at Local Airports:

 Developing Local, Regional, State and Federal Support Systems

Implementation Elements

Workforce Training & Development for EV Aviation – Ground Systems :

 Flight Operations, Manufacturing, Repair, Services, Technical Training and labor Certification Programs

Implementation Elements

EV Aviation Start-Ups & Business Attraction, Industry Support, Marketing, Communications, Community and Public Relations:

Build and Support Comprehensive Valley EV Aviation
 -Ground Industry

Implementation Elements

Governance, Staffing and Resources:

 Regional and Local Coalitions, Interlinked Partnerships, Collaboratives, and CA Electric Aircraft Working Group, Aligned through Regional Program Facilitation, Staffing and Resource Development

Implementation Elements

Next Steps

- Develop detailed business plans incorporating and integrating all implementation elements and prospective partners
- 2. Raise grant funds and develop contracts to address and achieve near-term, intermediate, and long-term business plan objectives and milestones
- 3. Institutionalize regional governance and formal interlinked local, regional, state and national partnerships and collaboratives



BEFORE THE SAN JOAQUIN VALLEY REGIONAL PLANNING AGENCIES' DIRECTORS' COMMITTEE RESOLUTION NO. 11062019

In the Matter of

A RESOLUTION FORMING THE VALLEY EV AVIATION-GROUND INNOVATIONS COALITION, AUTHORZING AN MOU PARTNERSHIP FOR GRANTS AND CONTRACTS SUPPORTING COALITION ACTIVITIES AMONG AND BETWEEN THE REGIONAL PLANNING AGENCIES OF THE SAN JOAQUIN VALLEY WITH FRESNO COG AS FISCAL AGENT, AND DESIGNATING NEW VISION AVIATION (501C3) AND REGENERATE CALIFONIA INNOVATION (501C3) AS COALITION FACILITATORS AND SUB-APPLICANTS/SUB-AWARDEES OF GRANTS AND CONTACTS WRITTEN AND SECURED TO FURTHER THE PURPOSES OF THE VALLEY EV AVIATION-GROUND INNOVATIONS COALITION.)

WHEREAS, two San Joaquin Valley-based 501c3 nonprofit community-benefit organizations, New Vision Aviation and Regenerate California Innovation, have originated the concept, goals and strategies for the Valley EV Aviation-Ground Innovations Coalition, and made informational presentations about the Coalition to all eight San Joaquin Valley Regional Planning Agencies' Boards in 2019, and

WHEREAS, the San Joaquin Valley Regional Planning Agencies' Directors' Committee desire to improve the performance and impact of RTPs and SCSs for Valley Counties by formally coordinating on the advancement and integration of electric aviation and ground transportation systems as key elements of future RTPs and SCSs for each county that will drive significant increases in population mobility options with major reductions in fuel costs, GHG emissions, and congestion; and

WHEREAS, the State of California and the San Joaquin Valley must establish a cross-sector Electric Aircraft Working Group to study, build, and sustain global competitiveness in all aspects of electric aviation integrated with advancing electric ground transportation systems, and the Valley EV Aviation-Ground Innovations Coalition can initially perform this function in coordination with the California Governor and State Government, and

WHEREAS, the San Joaquin Valley Regional Planning Agencies' Directors' Committee desire to improve regional economic development and job creation by contributing to the building by public and private partners of a 21st century clean transportation network and global industry opportunity for the San Joaquin Valley that prospectively includes testing and validation of new prototype EV aircraft, pilot and technician training, EV aircraft and component manufacturing, repair and services, and

Career Technical Education programs for advancing Valley youth – all at Valley General Aviation airports in each county transformed into a network of Innovation Hubs; and

WHEREAS, the San Joaquin Valley Regional Planning Agencies' Directors' Committee desire to improve regional collaborative results in coordination with colleges, economic and workforce development entities by inviting cross-sector partners from community colleges, universities, economic development corporations, and workforce development boards in each county to join and be full partners of the Valley EV Aviation-Ground Coalition to initiate and expand new EV related industries, and associated job training and job creation throughout the region for the benefit of Valley residents, and

NOW, THEREFORE, BE IT RESOLVED by the San Joaquin Valley Regional Planning Agencies' Directors' Committee that the Valley EV Aviation-Ground Innovations Coalition would greatly benefit the San Joaquin Valley and State of California, and that the San Joaquin Valley Regional Planning Agencies' Directors' Committee:

- Supports the formation and will be organizational partners of the Valley EV
 Aviation-Ground Innovations Coalition, which in addition to numerous functions
 to advance the integration of electric aviation and ground transportation systems
 in the San Joaquin Valley, will also serve as an Electric Aircraft Working Group
 in coordination with the California Governor and State Government.
- Supports inviting community colleges, universities, economic development corporations, workforce development boards, and other key institutions and private entities to join the Coalition as partnering agencies and businesses to contribute to achievement of Coalition goals.
- Supports an MOU Partnership among and between San Joaquin Valley Regional Planning Agencies' Directors' Committee with Fresno COG performing fiscal agency and applicant duties related to Coalition grants, contracts and other resource development.
- Supports designating two San Joaquin Valley-based 501c3 nonprofit community-benefit organizations, New Vision Aviation and Regenerate California
 Innovation, as facilitators of Coalition activities to provide consistent communication, networking, funding resource development and desired results among and between Coalition partners, and as sub-applicants and sub-awardees of grants and contracts written and secured to further the purposes of the Coalition.

AYES: 8

NOES: 0

ABSENT: 0

Witness my hand this 6th day of November, 2019.

By

Patricia Taylor, Executive Director

Madera County Transportation Commission

Chair, San Joaquin Valley Regional Planning Agencies' Directors' Committee

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SAVE THE DATE

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