



ESRAG
ENVIRONMENTAL
SUSTAINABILITY
ROTARY ACTION GROUP

GREEN TRANSPORTATION & CLEAN ENERGY SUMMIT

Saturday, September 10, 2022



SANTA CLARA COUNTY | SILICON VALLEY | CALIFORNIA, USA

KEYNOTE PRESENTERS

In person or virtual



Nancy Pelosi

Speaker of the
US House of Representatives



Nuria Fernandez

Federal Transit Administrator
US Department of Transportation

Keynote presenters and panelists will discuss informative topics and call-to-action steps.

- Present and Future Green Transportation
- Clean Energy Solutions
- Healthy and Sustainable Communities
- Climate Crisis Mitigation
- Policy, Technology, Practice, Equity

WHERE:

Santa Clara County Board of Supervisors' Chambers
70 West Hedding Street, San Jose, CA, USA

TIME:

8:00 am – 1:00 pm US PT (followed by guided tours)

COST:

Live event \$ 20 (includes lunch). **Virtual Attendance Free**

REGISTER:

<https://events.humanitix.com/2022environmentsummit>

WATCH:

<https://youtu.be/UVxGHYkOgZU>

SCAN TO REGISTER





PROGRAM

08:00 am **Registration / Refreshments / Exhibits**

09:00 am **Welcome Remarks**

Rod Diridon, Sr., Master of Ceremonies, US High Speed Rail Coalition Co-chair

Sam Liccardo, Mayor of San Jose

Yavuz Atila, Chair, ESRAG Western North America

Savita Vaidhyanathan, Governor, District 5170, Rotary International

DeAnna Pursai, Chair, District 5170, Rotary Climate Action Council

09:15 am **Introduction of Keynote Speaker**

Cindy Chavez, Supervisor Santa Clara County welcomes Speaker Nancy Pelosi

09:20 am **Keynote Address**

Nancy Pelosi, Speaker of the United States House of Representatives

09:30 am **Panel - Green Transportation Solutions and Livable Cities**

Serena Alexander, Research Associate, Mineta Transportation Institute

Oscar E. Diaz, President, DZE Global

Rod Diridon, Sr., Executive Director Emeritus, Mineta Transportation Institute

Andrew Kunz, Founder/President, U.S. High Speed Rail Association

Carlos Moreno, Professor, Paris IAE Pantheon, Sorbonne University

10:45 am **Break / Exhibits / Refreshments**

11:00 am **Plenary - Clean Energy Solutions: Generation and Delivery, Present and Future**

Kari Hall, Meteorologist NBC News, The Climate Reality Project

Varun Sivaram, Managing Director/Senior Advisor, Clean Energy & Innovation,

Special Presidential Envoy for Biden-Harris Administration

11:50 noon **Introduction of Keynote Speaker**

Dave Cortese, CA State Senator, District 15 welcomes Federal Transit Administrator Nuria Fernandez

12:00 pm **Keynote Address**

Nuria Fernandez, Federal Transit Administrator, US Department of Transportation

12:15 pm **Key takeaways and Action Plan**

Mark McKenna, Chair, San Jose Rotary Climate Action Committee

Randy Zechman, Co-founder and CEO, CleanSolar

12:30 pm **Lunch**

01:00 pm **Exhibits / Vendor Presentations / Test Drives / Guided Tours**

- Valley Transportation Authority's new multimodal Berryessa BART Station.
- Caltrain's new overhead catenary system at the San Jose Diridon Station for the new electric trains.

Buses will be available to take you on the tour you choose, and back to the Board of Supervisors Chambers.

The tour buses leave after the event ends at 2:00 PM and return approximately by 5:00 PM.



ESRAG
ENVIRONMENTAL
SUSTAINABILITY
ROTARY ACTION GROUP

GREEN TRANSPORTATION & CLEAN ENERGY SUMMIT

Saturday, September 10, 2022



SANTA CLARA COUNTY | SILICON VALLEY | CALIFORNIA, USA

SPEAKERS

In person or virtual

PANEL - GREEN TRANSPORTATION SOLUTIONS AND LIVABLE CITIES



Serena Alexander
Research Associate
Mineta Transportation
Institute



Oscar E. Diaz
President
DZE Global



Rod Diridon, Sr
Executive Director Emeritus
Mineta Transportation
Institute



Andrew Kunz
Founder/President
US High Speed Rail
Association



Carlos Moreno
Professor
Paris IAE – Panthéon
Sorbonne University

PLENARY – CLEAN ENERGY SOLUTIONS: GENERATION AND DELIVERY



Kari Hall
The Climate Reality Project
NBC Meteorologist

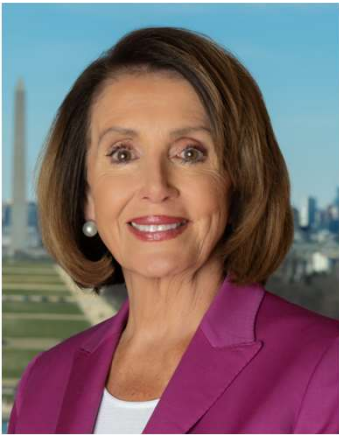


Varun Sivaram
Managing Director/Sr. Advisor
Clean Energy & Innovation,
Special Presidential Envoy for
Biden-Harris Administration



Nancy Pelosi

Speaker of the United States House of Representatives



Nancy Pelosi is the 52nd Speaker of the House of Representatives, having made history in 2007 when she was elected the first woman to serve as Speaker of the House. Now in her third term as Speaker, Pelosi made history again in January 2019 when she regained her position second-in-line to the presidency, the first person to do so in more than 60 years. As Speaker, Pelosi is fighting For The People, working to lower health care costs, increase workers' pay through strong economic growth and rebuilding America, and clean up corruption for make Washington work for all.

For 31 years, Speaker Pelosi has represented San Francisco, California's 12th District, in Congress. She has led House Democrats for 16 years and previously served as House Democratic Whip. In 2013, she was inducted into the National Women's Hall of Fame at a ceremony in Seneca Falls, the birthplace of the American women's rights movement.

Under the leadership of Pelosi, the 111th Congress was heralded as "one of the most productive Congresses in history" by Congressional scholar Norman Ornstein. President Barack Obama called Speaker Pelosi "an extraordinary leader for the American people," and the Christian Science Monitor wrote: "...make no mistake: Nancy Pelosi is the most powerful woman in American politics and the most powerful House Speaker since Sam Rayburn a half century ago."

Working in partnership with President Obama, Speaker Pelosi led House passage of the American Recovery and Reinvestment Act in early 2009 to create and save millions of American jobs, provide relief for American families, and provide a tax cut to 95 percent of working Americans. With the House Democratic Caucus, Pelosi continues to focus on the need to create jobs in America and prevent them from being shipped overseas.

As Speaker, Pelosi has made the climate crisis her flagship issue, enacting comprehensive energy legislation in 2007 that raised vehicle fuel efficiency standards for the first time in 32 years and making an historic commitment to American home grown biofuels. In 2009, under her leadership, the House passed the landmark American Clean Energy and Security Act – a comprehensive bill to create clean energy jobs, combat the climate crisis, and transition America to a clean energy economy. The legislation was blocked by Republicans in the United States Senate, but sent a strong signal to the world about the United States' commitment to fighting the climate crisis.

A leader on the environment at home and abroad, Pelosi secured passage of the "Pelosi amendment" in 1989, now a global tool to assess the potential environmental impacts of development. In San Francisco, Pelosi was the architect of legislation to create the Presidio Trust and transform the former military post into an urban national park.

In continuing to push for accountability and transparency in government, under Speaker Pelosi, the House passed the toughest ethics reform legislation in the history of the Congress, including the creation of an independent ethics panel, and increased accountability and transparency in House operations, including earmark reforms.



Nuria Fernandez

Administrator of the Federal Transit Administration (FTA)



Nuria Fernandez was confirmed by the U.S. Senate as the 15th Administrator of the Federal Transit Administration (FTA) on June 10, 2021. She was previously appointed as Deputy Administrator and senior FTA official on January 20, 2021. With more than 35 years of experience, Fernandez made a name for herself as an inspiring leader in the transportation industry. She came to FTA after serving as General Manager and CEO of the Santa Clara Valley Transportation Authority (VTA), where she was responsible for 2,100 employees and oversaw projects, programs, and transit services that provide mobility solutions for more than two million people who live and work in the Silicon Valley.

Among the highlights of her tenure at VTA was the completion of the first Bay Area Rapid Transit (BART) heavy rail service into Silicon Valley, a 10-mile, \$3 billion line that opened to passenger service in June 2020. She also received federal approval in 2018 to extend the heavy rail service for another six miles. When completed in 2026, the heavy rail service will total 16 miles of rail and six stations that will provide transit alternatives for tens of thousands of commuters in and around the Silicon Valley.

Fernandez is also responsible for the creation of VTA's Innovation Center, an incubator to encourage collaboration, test the latest technology, and imagine new ways to keep the valley moving forward by leveraging the expertise of Silicon Valley's high-tech corporations and universities.

Prior to leading VTA, Fernandez served in leadership positions at some of the busiest transit agencies in America, including Chief Operating Officer of the New York Metropolitan Transportation Authority, and Senior Vice President of Design and Construction for the Chicago Transit Authority and the Washington Metropolitan Area Transit Authority, consecutively. She also served as Commissioner for the Chicago Department of Aviation, overseeing O'Hare and Midway Airports.

In 1997, Fernandez was appointed by President Bill Clinton as Acting Administrator of FTA, where she led the agency's programs, including \$1 billion in annual grant funding to local communities for planning, design, and construction of new and expanding rail and bus systems.

She served as Chair of the American Public Transportation Association from 2019-2020 and on the boards of the Mineta Transportation Institute, The Transportation Learning Center and on the Executive Committee of the Transportation Research Board.

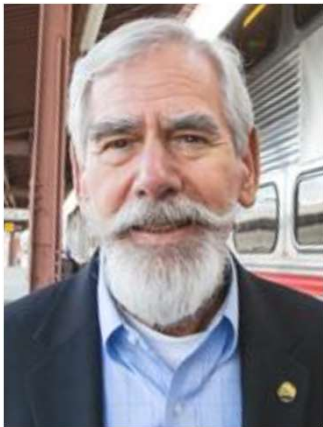
Fernandez was born and raised in Panama City, Panama. She holds a B.S. in Civil Engineering from Bradley University in Peoria, Illinois, and an M.B.A. from Roosevelt University in Chicago.



EVENT HOST

Rod Diridon, Sr.

Executive Director Emeritus Mineta Transportation Institute



Rod Diridon, Sr. served as founding executive director of the Mineta Transportation Institute until 2014 when he moved to Emeritus status. Mr. Diridon has chaired more than 100 international, national, state and local programs, most related to transit and the environment. He provides legislative testimony on sustainable transportation issues and is regarded by many as the “father” of modern transit service in Silicon Valley.

Governors Davis and Schwarzenegger appointed him to the California High-Speed Rail Authority Board, of which he is chair emeritus. He helped found, and is chair emeritus of, the High-Speed and Intercity Rail Committee and the National High-Speed Rail Corridors Coalition of the American Public Transportation Association (APTA). He also was president of the national Council of University Transportation Centers.

In 1996, he founded and chaired the Transportation Research Board’s study panel, “Combating Global Warming through Sustainable Transportation Policy.” He advised the Federal Transit Administration and in 1995 chaired the Transit Oversight and Project Selection Committee for the National Research Council’s Transportation Research Board. He has provided keynotes in more than 50 U.S. cities and for a dozen international conferences, and he has published numerous related articles.

For over two decades, Rod served the Bay Area in a variety of elected roles from City Council member to chair of the Santa Clara County Board of Supervisors and the Transit Board. He also chaired the San Francisco Bay Area’s three regional governments: the Metropolitan Transportation Commission, the Bay Area Air Quality Management District, and the Association of Bay Area Governments, as well as nine successful rail system development project boards. Upon his retirement from public office, Santa Clara County renamed its main train station “San José Diridon Station.”

Mr. Diridon received a BS in accounting and an MSBA in statistics from San José State University and served as a U.S. naval officer. In 1968, he founded the Decision Research Institute, which he sold in 1977. He has two children, Rod Jr. and Mary Margaret, and four grandchildren. He is married to Dr. Gloria Duffy, former U.S. Deputy Assistant Secretary of Defense and now president and CEO of the Commonwealth Club of California.



MODERATORS

PANEL - Green Transportation Solutions and Sustainable Communities

Serena E. Alexander, PhD



Serena Alexander is an Associate Professor of Urban and Regional Planning and Director of Urban Online at San José State University. Her research focuses on developing and implementing cutting-edge strategies to address climate change and climate justice. Her recent work includes harnessing the greenhouse gas emissions and mobility equity potential of autonomous vehicles and on-demand mobility and harmonizing climate change mitigation and adaptation in transportation and land-use planning. Dr. Alexander has published peer-reviewed journal articles and technical reports and presented her research at national and international conferences. She is currently establishing the American Collegiate Schools of Planning (ACSP) and Association of European Schools of Planning (AESOP) collaboration platform to serve as a repository of best practices of climate action planning across the globe. She received her doctorate in Urban Studies (Specialization in Urban Policy and Development). She holds master's degrees in Urban and Regional Planning from California State Polytechnic University, Pomona, and Architectural Engineering from the Azad University of Tehran.

PLENARY - Clean Energy Solutions: Generation and Delivery, Present and Future

Kari Hall



Kari Hall joined NBC Bay Area in May 2015 as meteorologist for NBC Bay Area's morning newscast Today in The Bay. Kari is a self-described weather fanatic. She grew up in Louisville, KY where she says her love of weather began at a very early age. From droughts to floods and snowstorms to tornadoes, Kari wanted to learn about it all.

Kari began her career at KATC in Lafayette, LA, where she covered severe weather events, including Hurricanes Katrina, Rita and Gustav. After spending six years in Louisiana, she moved back to her home state of Kentucky where she was the weekend meteorologist at WKYT in Lexington, frequently covering tornadoes and snowstorms.

Most recently, Kari worked at News 12 in Connecticut, where she was the Chief Meteorologist for the past two years.

Kari holds a B.S. in Geoscience with an emphasis in Broadcast Meteorology from Mississippi State University. She is a member of the American Meteorological Society and has a seal of approval from the National Weather Association.



PANEL - Green Transportation Solutions and Sustainable Communities

Oscar Edmundo Diaz



Oscar Edmundo, with 25 years of experience, has devoted his career to urban planning, transportation, and road safety. He is recognized for leading the planning and implementation of transport projects, including Bus Rapid Transit (BRT) systems, e-mobility, and safe infrastructure for non-motorized transport-NMT (cycling and walking) in cities in the Americas, Africa, and Asia. This expertise is complemented with a solid financial knowledge to structure projects in major urban areas. After his post as Special Advisor on Mobility to Enrique Peñalosa, Mayor of Bogota, Colombia (2016-2019), Oscar has been doing consulting work for clients such as the World Bank in the Middle East and Latin America, C40, ITDP in Africa and Latin America, John Laing Investments, the Inter-American Development Bank (IDB).

Mr. Diaz is an advisor to FIA Foundation for the Road Safety strategy in Latin America. As Special Advisor on Mobility to Enrique Peñalosa, Mayor of Bogota, Colombia (2016-2019) he worked on the restructuring TransMilenio's (BRT system).

He was part of an extraordinarily complex negotiation aimed to the financial sustainability of the Public Transport Integrated System (10,000+ buses).

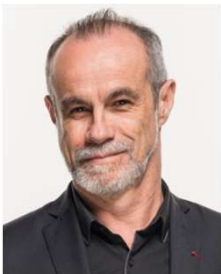
Andrew Kunz



Andrew is the founder and sets the vision and direction for the US High-Speed Rail Association (USHSR). A long-time high-speed rail advocate, He brings 30 years of successful business experience to USHSR - and provides senior leadership and an ambitious vision for sustainable transportation in America. This vision includes a 17,000-mile national high-speed rail network built in phases and slated for completion by 2030.

As an award-winning national designer with a background in urban design, community planning, landscape architecture, and sustainability, he has designed various projects, including several new towns and transit-oriented developments. As an authority on high-speed rail, Mr. Kunz is committed to further developing USHSR and the high-speed rail network in America.

Carlos Moreno



International renown researcher Carlos Moreno is Associate Professor at the Paris IAE – Panthéon Sorbonne University in France and co-founder and scientific director of the ETI Chair, Entrepreneurship – Territory – Innovation. His work aims at promoting the transformation of our lifestyles and urban spaces to offer solutions to the issues faced by the cities, metropolises, and territories during the 21st century. His contributions are internationally valued for their originality and incorporated in multiple local governance projects and urban transformations worldwide. Carlos Moreno was awarded Knight of the Order of the Legion of Honor in 2010 by the French Republic. In 2019 he received the Foresight Medal from the French Academy of Architecture. Winner of the Obel Award 2021 for his work on urban and territorial proximity and its impact on the world. In November 2021, he won the Leadership Award at the World Smart Cities Awards, organized by the Smart City Expo World Congress.



PLENARY - Clean Energy Solutions: Generation and Delivery, Present and Future

Varun Sivaram



Varun Sivaram is a physicist, bestselling author, and clean energy technology expert with experience spanning the corporate, public, and academic sectors. He currently serves in the Biden-Harris administration as the senior director for clean energy, innovation, and competitiveness for Secretary John Kerry, the US Special Presidential Envoy for Climate. Previously, as chief technology officer of ReNew Power, Sivaram led research and development for a multibillion-dollar company recognized as India's largest producer of renewable energy as well as its most innovative energy company. A widely published scientist and innovation scholar, Sivaram has served on the faculty of Georgetown University and Columbia University. He has also shaped government policies supportive of innovation as the director of the energy and climate program at the Council on Foreign Relations and as a senior energy advisor to the Los Angeles mayor and New York governor's office. He has served on the boards of the Stanford University Woods Institute for the Environment and Precourt Institute for Energy; as one of the 25 advisors to the UN COP26 climate conference in 2021, on the World Economic Forum's Global Future Council for the Energy Transition; as senior fellow at the Aspen Institute, ITIF, and Energy for Growth; and on the board of directors of Peridot Acquisition Corp. (NYSE:PDAC). TIME Magazine named him one of its "100 Next most influential people in the world," MIT Technology Review named him one of the top 35 innovators under 35, and PV Magazine called him "the Hamilton of the Solar Industry."

His books include "Taming the Sun: Innovations to Harness Solar Energy and Power the Planet"—which The Economist called "prescient"—and Digital Decarbonization: Promoting Digital Innovations to Advance Clean Energy Systems. His newest book, "Energizing America: A Roadmap to Launch a National Energy Innovation Mission," was endorsed by Sec. John Kerry as "a plan to make the United States the world leader in clean energy innovation." Bill Gates praised his essay in Foreign Affairs as "one of the best arguments I've read for why the US should invest in a clean energy revolution." A Rhodes and Truman Scholar, Sivaram holds a PhD in condensed matter physics from Oxford University and undergraduate degrees from Stanford University.



ESRAG
ENVIRONMENTAL
SUSTAINABILITY
ROTARY ACTION GROUP

GREEN TRANSPORTATION & CLEAN ENERGY SUMMIT

Saturday, September 10, 2022



SANTA CLARA COUNTY | SILICON VALLEY | CALIFORNIA, USA

PARTICIPATING ENTITIES



PRESENTING SPONSOR

