



CALIT2

LITHIUM VALLEY CLEAN TECH STRATEGIC DEVELOPMENT CONSORTIA WORKSHOP



FRIDAY, JUNE 21, 2024
UC RIVERSIDE PALM DESERT CENTER

ACKNOWLEDGMENTS

UCR CALIT2 extends our sincerest gratitude and appreciation to the UCR Palm Desert Center staff and all the moderators, speakers, and participants who made this consortia workshop possible.

This will be a discussion about workforce development, the environmental and health impacts of lithium battery development in the Salton Sea, the manufacturing needs of the industry, and the role of the university to support technology and infrastructure. These discussions will be used for the production of the EDA Tech Hub Strategy Development Report.



AGENDA

SESSION DETAILS
8:00 AM - 9:00 AM CHECK-IN 8:30 AM - 9:00 AM BREAKFAST
9:00 AM - 9:10 AM OPENING REMARKS Rodolfo H. Torres , Vice Chancellor for Research and Economic Development, UC Riverside Marie C. Martin , Associate Dean of Academic Affairs, UC Riverside Extension
9:10 AM - 9:25 AM KEYNOTE SPEAKER Congressman Raul Ruiz, M.D. U.S. House of Representatives, CA-25
9:25 AM - 9:45 AM OPENING REMARKS (continued) Supervisor Ryan Kelley County of Imperial Supervisor Luis Plancarte County of Imperial Chairman Thomas Tortez, Jr. Torres Martinez Desert Cahuilla Indians
10:00 AM - 10:15 AM BREAK

AGENDA

SESSION DETAILS

10:15 AM - 11:30 AM

Overcoming Challenges and Barriers for Industry

The panel will provide a platform for constructive discussion, knowledge sharing, and strategic planning to overcome barriers and foster a resilient, inclusive, labor relations and sustainable industrial ecosystem in the region.

Moderator: **Miguel Figueroa**, CEO Imperial County

Speakers: **Trelynd Bradley**, Deputy Director of Sustainable Freight and Supply Chain Development, California Governor's Office of Business and Economic Development (GO-Biz)

Emilio Camacho, Business Strategist, Founder and CEO of Sparkz

Daniel Machain, Assistant Business Manager-Imperial County, International Brotherhood of Electrical Workers (IBEW) 569

Jesus Arguelles, Economic Development Director, Torres Martinez Desert Cahuilla Indians

11:30 AM - 12:45 PM

Infrastructure Needs and Projects Supporting Lithium Valley

The panel will share key needs and projects to support infrastructure development, technological innovation, environmental sustainability, economic impact, and community engagement and offering a comprehensive approach to address these critical aspects of future and current infrastructure projects to support Lithium Valley.

Moderator: **Supervisor Jesus Escobar**, County of Imperial

Speakers: **Ramesh Rao**, Professor and Director of Calit2, UC San Diego

Shannon Baer, Senior Planner, Rick Engineering - Imperial County Infrastructure Assessment

Eric Montoya Reyes, Executive Director, Los Amigos de la Comunidad, Inc.

Wilfred Marshall, Regional Director, U.S. Economic Development Administration (U.S. EDA)

12:45 PM - 1:30 PM

LUNCH

AGENDA

SESSION DETAILS

1:30 PM - 2:45 PM

Research and Technical Needs

This panel would aim to foster a dialogue among experts to strategize on how to advance research, identify research gaps, and address industry needs in the development of a robust lithium valley clean tech hub.

Moderator: **Shane Cybart**, Professor of ECE and Director of UCR-Calit2

Speakers: **Matthew Barth**, Associate Dean of Research, Bourns College of Engineering, UC Riverside

Lifang Chiang, Director for Systemwide Research Strategy, University of California

Charles Diamond, Postdoctoral Scholar and Academic Coordinator, UCR Department of Earth and Planetary Sciences, UC Riverside

Jay Lefebvre, Research Professor, Calit2-NEMF, UC Riverside

Cengiz Ozkan, Professor, Department of Mechanical Engineering

2:45 PM - 3:00 PM

BREAK

3:00 PM - 4:15 PM

Health Impacts and Environmental Monitoring

The panel will foster a comprehensive understanding of the intersection between environmental factors and public health, explore innovative solutions to mitigate risks, and advocate for policies that prioritize the well-being of communities affected by environmental challenges in Imperial County and beyond.

Moderator: **Lillian Garcia**, Executive Officer, United For Justice

Speakers: **Glenn Healey**, Professor, Electrical Engineering and Computer Science and Engineering, UC Irvine

Ann Cheney, Associate Professor, UC Riverside / Faculty Director - Coachella Valley Free Clinic

María Pozar, Founder, Conchita Servicios de la Comunidad

Jeff Lamoure, Deputy Director of Environmental Health, Imperial County Public Health

Will Porter, Professor, UC Riverside Salton Sea Task Force

AGENDA

SESSION DETAILS

4:15 PM - 5:30 PM

Workforce Development Strategies and Job Creation

The panel will discuss actionable strategies and initiatives that promote workforce development, job creation, and economic prosperity in alignment with the goals of establishing a successful lithium valley clean tech hub in Imperial County with local, state and federal partners.

Moderator: **Priscilla Lopez**, Director, Imperial County, Workforce & Economic Development

Speakers: **Marie Martin**, Associate Dean of Academic Affairs, UC Riverside Extension

John McMillian, Assistant Vice President of Economic Development, San Diego State University

Rosibel Ochoa, Associate Vice Chancellor Technology Partnerships, UC Riverside

Efrain Silva, Dean, Economic and Workforce Development Imperial Valley College

5:30 PM

END OF WORKSHOP