



Regional EV Charger Management Strategy Project Update

Mobility Working Group

July 14th, 2022

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Overview of Project

- SANDAG and NCTD were awarded a Caltrans Planning Grant in June 2020 to research and develop a comprehensive public EV charger management strategy
- The Strategy will:
 - Support long-term public EV charger functionality
 - Serve as a resource for local jurisdictions
 - Streamline public EV charger management and maintenance
- Project ends Q1 2023

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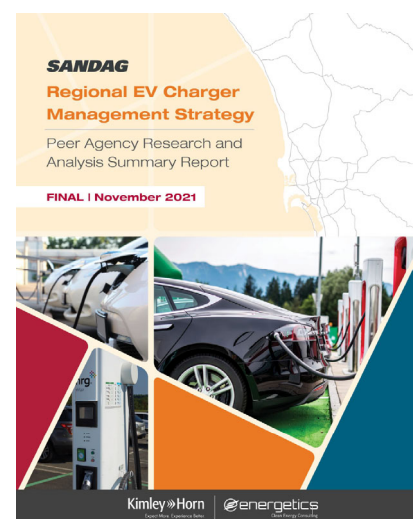
Work to Date

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Peer Agency Research & Analysis

- Discussed types of charging applications, reviewed peer jurisdictions, and determined best practices:
 - Support P3 deployments through siting/planning
 - Use Open Charger Point Protocol (OCPP) compliant equipment
 - Use port-level charger data to determine future needs
 - Regain LCFS revenues to offset costs
 - Maximize utilization and vehicle turnover, then transition to other priorities

Read the [Peer Agency Research and Analysis Summary Report](#)

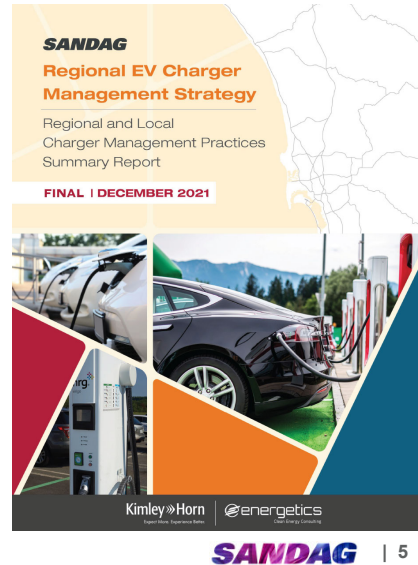


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Regional & Local Charger Management Practices

- Conducted outreach to numerous local jurisdictions and public agencies through surveys and interviews
- Discussed existing practices for infrastructure including planning, procurement, operations/maintenance, data and reporting, equity, and future plans

Read the [Regional and Local Charger Management Practices Summary Report](#)

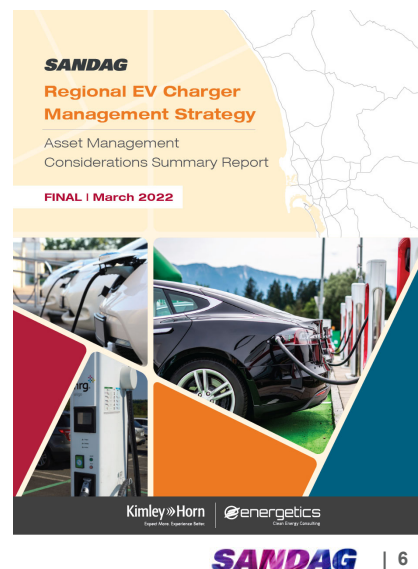


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Asset Management Considerations

- Researched and mapped existing public charging infrastructure and gaps
- Looked at operational considerations, including business cases, capital planning and funding, public procurement, and contracting options
- Determined technical needs/specifications for future procurements

Read the [Asset Management Considerations Summary Report](#) with [Appendix A](#) and [Appendix B](#)



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Charger Management Strategy Outline

- I. Introduction and Purpose**
- II. Planning and Installation**
 - I. Planning and Entitlement, Equity Considerations
 - II. Funding Sources
 - III. Procurement and Installation
- III. Operations and Maintenance**
 - I. Performance Requirements
 - II. Application of User Fees
- IV. Life Cycle Considerations**
 - I. Asset Useful Life
 - II. Contract Transition/Expiration
 - III. Future Functionality Assessment
- V. Conclusion**

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Next Steps & Related Efforts

- Draft Strategy will be available for review by stakeholders during late July
- Final Strategy expected to be completed in September 2022
- Implementation Roadmap for Agencies to be developed in early 2023
- SANDAG concurrently working on an on-call pool of EV charging station service providers open to public agencies to streamline maintenance, operation, removal, and/or replacement of public EV charging station

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Questions, comments?

Visit:

[SANDAG Clean Transportation Webpage](#)

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