Innovative Clean Transit Regional Assessment Study



OVERVIEW

SCAG's "Innovative Clean Transit Regional Assessment Study," published in August 2026, examines how Southern California transit agencies are preparing for the state-mandated transition to 100-percent zero-emission bus (ZEB) fleets by 2040. The study also includes an "Implementation Action Plan" (Chapter 6) and "ZEB Deployment Toolkit." The action plan is organized around five goals that align with the Connect SoCal 2024 Regional Transportation Plan/Sustainable Communities Strategy while addressing the study's key findings.

Study approach:

- Document review
- Data analysis
- Case study research
- Targeted surveys
- Stakeholder interviews

Supported by input from:

- Transit operators
- Utilities
- Bus manufacturers
- Infrastructure providers
- State agencies

To accelerate implementation, the assessment recommends integrating and linking ZEB transition plans into core planning documents, supporting peer learning opportunities, improving access to funding information, strengthening utility coordination, expanding workforce training, promoting shared infrastructure solutions, and providing implementation-focused tools and resources.

WHY IT MATTERS

The assessment evaluates existing fleet and infrastructure conditions, regional readiness, best practices, and key implementation challenges and opportunities. It supports the region's transition to ZEBs by evaluating efforts by the region's transit operators to develop and implement rollout plans, and assesses the region's readiness to transition to zero-emission transit fleets.

Zero-Emission Bus Deployment Toolkit

The "ZEB Deployment Toolkit" provides practical roadmaps to guide transit agencies from planning to deployment. It includes focused factsheets that translate complex data, technologies, processes, and state policies into accessible, actionable information for transit agencies across the SCAG region.

- Zero-Emission Bus Technology Selection Framework
- Smart Charging
- Charging/Refueling Station Permitting Checklist
- Utility Engagement Starter Kit
- Available Funding Opportunities to Transit Agencies
- Workforce Development for Transit Agencies

Scan to read the study

Scan to get the toolkit

Questions? Contact Us.

Questions can be directed to transit@scag.ca.gov.

For more information visit, **SCAG's Transit Program website**: scag.ca.gov/transit-program.

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