Mobile Library Services Rollout Plan – Part 1

Upcoming Meetings & Info

EV Introduction Bi-Weekly Meeting – 5/28 at 11:00 am

Updates about EVs shared at an all-staff meeting

Soft Launch Virtual Learning Sessions – 6/12 at 11:00 am or 6/13 at 11:00 am

Branches within 25 miles of EV Hubs invited to learn about soft launch and time commitment before expressing interest as initial users.

EV Rollout Plan Bi-Weekly Meeting – 6/25 at 11:00 am

LME shares soft launch plan for EVs at an all-staff meeting

Agenda

- Introduction
- Ford Electric Transit Vans
- Mobile Library Supplies & Equipment
- County EV Charging Stations
- Overview of Project Phases

Part 2 will be covered at the 6/25 Bi-Weekly meeting

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Genuine Community Connections

Our work at the library is not just about programs, services, or numbers – **it's about building genuine community connections and fostering a love of learning.**

What's your favorite community engagement highlight from the past year?

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2023 Reflections

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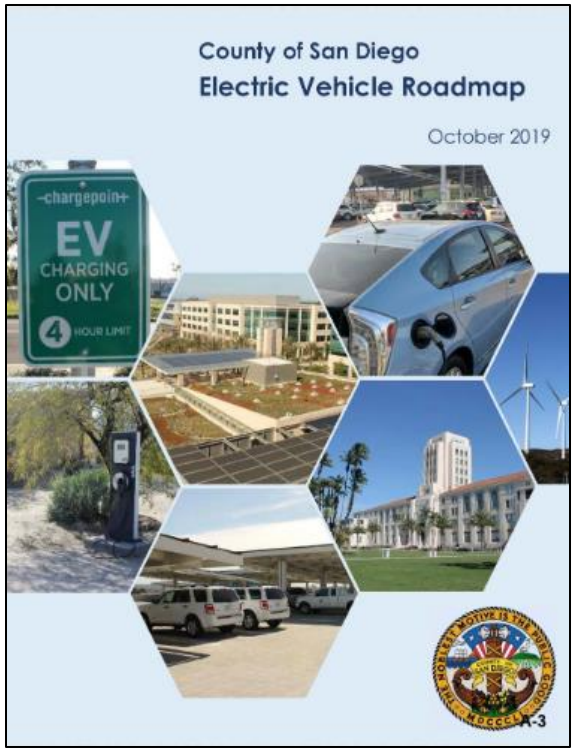
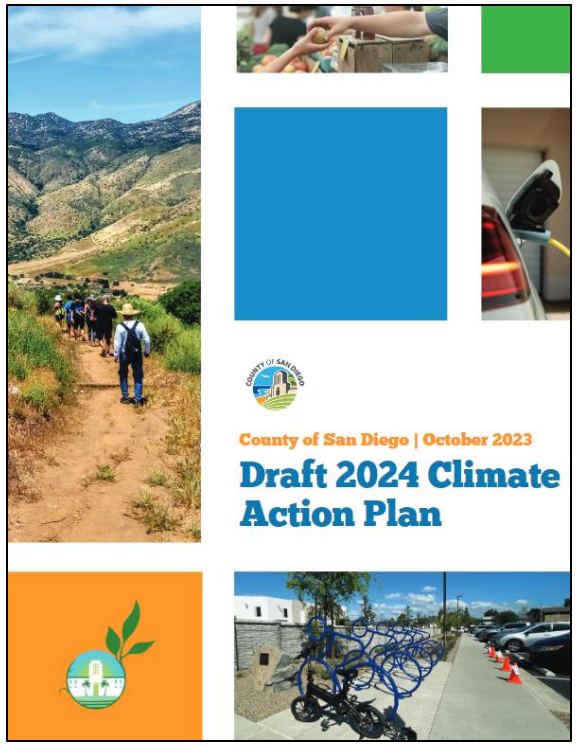
County of San Diego Plans





The library is an early adopter

The County of San Diego plans to use electric vehicles across all departments by 2045.

Later this year, SDCL will start testing electric transit vans for shared use among staff.

As an early adopter of electric vehicles, what opportunities & challenges might come up for the library?

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Phase 1 – Grant Funding

2021

Grant awarded & vehicles ordered

2022

Manufacturer delays delivery; Facilities works with County to add EV charging stations at RSD and COC

2023

July 2023: DGS & Fleet Services receive SDCL's electric transit vans

2023

November 2023: DGS & Fleet Services awards outfitting contract

2023

December 2023: LME, SABS, IT, Facilities, & BFS finalize & submit supply orders for Mobile Library Services

2024

April 2024: Fleet Services working with a vendor to complete outfitting and vehicle wrapping

2024

Spring/Summer 2024: LME drafts procedures & training materials - vehicle testing expected in summer 2024

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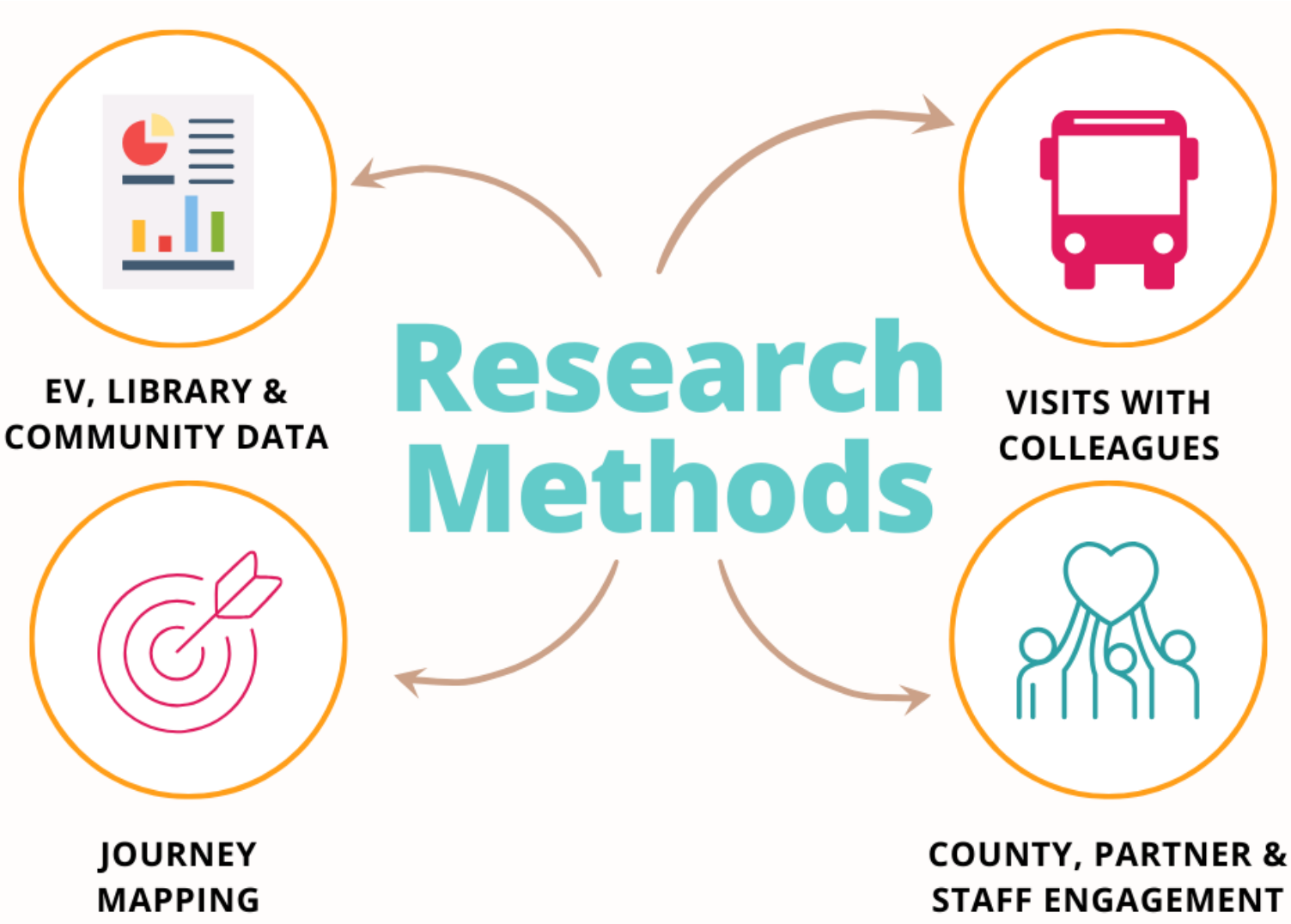
Phase 2 – Research & Planning



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Fleet Services Support

Wrap design & mock-up - Earl Joseph Gonzales

Fleet Services Work in Progress:

- Materials for lift gate & installation
- Roadbox delivery to SDCL
- Vehicle wrap installation

HQ testing & soft launch timeline to be updated upon delivery date

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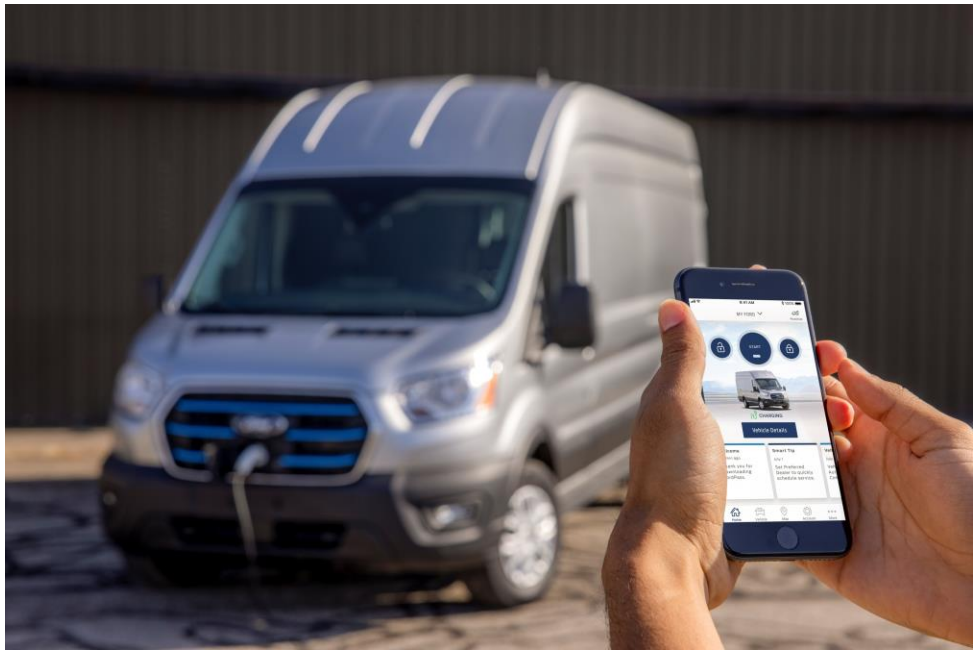
2023 Ford E-Transit Vans



Zero Emission Vehicles (ZEVs)

- **Features:** High roof, 2 seats, fasteners, space for cargo, manual ramp.
- **Vehicle range:** Number of miles an EV can travel before it needs to get charged again.
- **Estimated e-transit range:** 75-108 miles
- **Conditions:** Weather, hills, speed, traffic, cargo, passengers, and climate settings all have an impact on vehicle range.

Library EV Hubs

Rancho San Diego Library

- Parking for two e-transit vans
- County charging station
- Storage space for basic supplies

Library HQ/County Operations Center

- Parking for two e-transit vans
- County charging station
- Storage space for basic supplies

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Supplies & Equipment

- Internet access point
- County cell phone
- Staff laptop, iPad, & barcode scanner
- Staff printer
- Canopy, tables, chairs
- Sound equipment
- Storage for books
- Storytime supplies
- Signage & marketing tools
- Basic office supplies
- AED & fire extinguisher

County EV Charging Stations

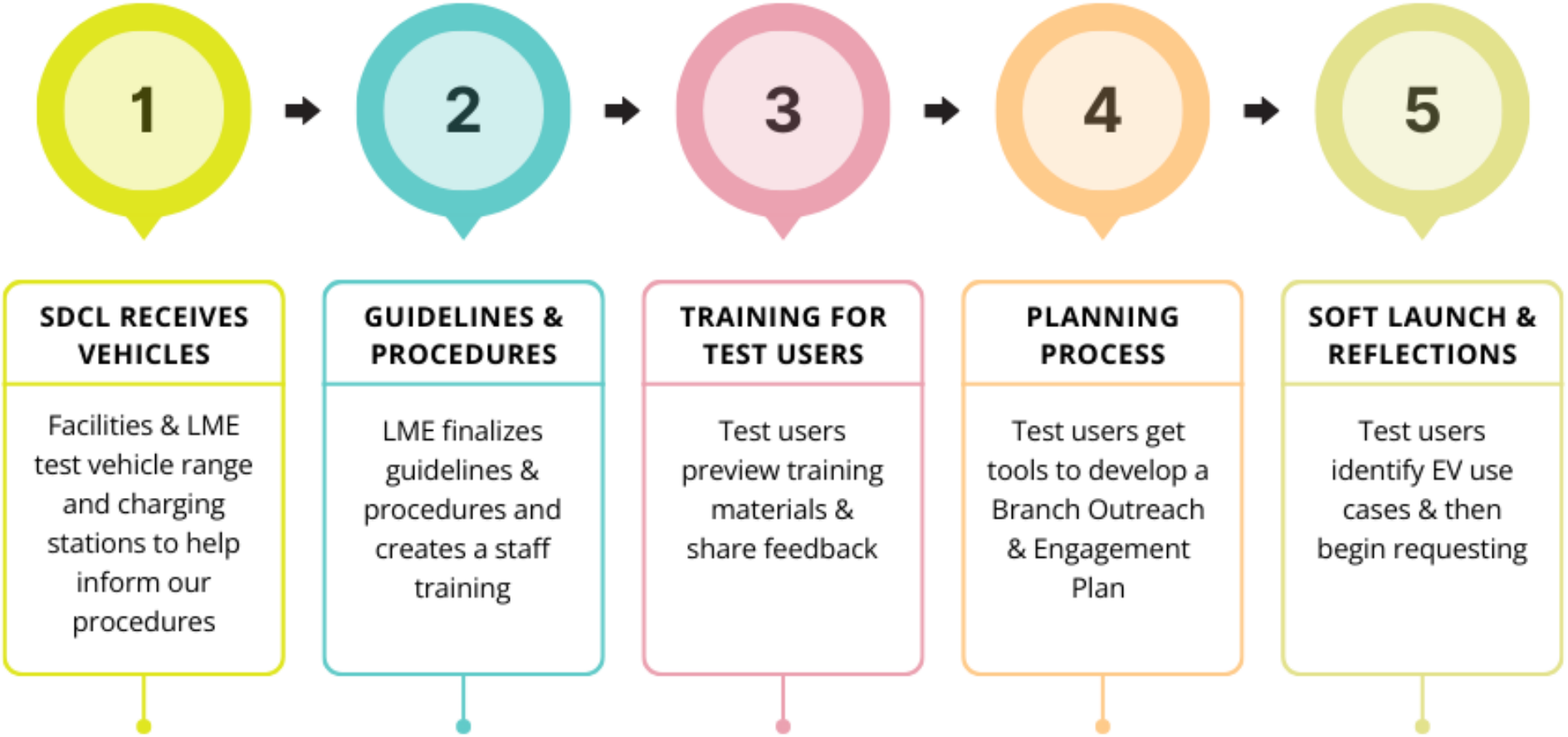
- Fleet Services coordinates how staff can charge EVs owned by the County.
- A company called ChargePoint operates all County EV charging stations.
- Library staff will use dedicated charging stations at the Rancho San Diego Library & Library HQ EV Hubs.

Level 2 Charging

Level 2 – Standard County Charging

- 2023 Ford e-transits have an estimated range of about 108 miles, depending on conditions.
- An estimated 12-25 miles of range is added for every hour of charging.
- If on empty, it might take between 8-9 hours to fully charge the outreach van using the standard level 2 charger.

Phase 3 – Procedures & Training



How might we?

1. Foster equitable access to Mobile Library Services
2. Invite the community and partners to help shape services
3. Create spaces to foster social connection
4. Grow a love of learning and reading in the community

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Ways to Connect

How to stay informed, share comments, and ask questions:

- View the Project Implementations page (coming soon)
- Email: Melissa.Solis@sdcounty.ca.gov
- Use the SDCL Comments & Questions box (intranet)