

## STAFF REPORT

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**DATE:** September 14, 2020  
**TO:** Sacramento Regional Transit Board of Directors  
**FROM:** Henry Li, General Manager/CEO  
**SUBJ:** GENERAL MANAGER'S REPORT

### RECOMMENDATION

No Recommendation — For Information Only.

### Innovative Clean Transit Plan Update

Power Point Presentation by Laura Ham

### SacRT Meeting Calendar

#### **Regional Transit Board Meeting**

September 28, 2020  
SacRT Auditorium / Webconference  
5:30 P.M

#### **Quarterly Retirement Board Meeting**

October 28, 2020  
SacRT Auditorium / Webconference  
9:00 A.M.

#### **Mobility Advisory Council Meeting**

October 1, 2020  
SacRT Auditorium / Webconference  
2:30 P.M.

## Innovative Clean Transit (ICT) Rollout Plan

- ICT regulation adopted in December 2018 by California Air Resources Board (CARB).
- Requires all public transit providers to convert fleets to zero emission buses (ZEB) by 2040.
- All vehicle purchases must be ZEB's starting in 2029.
- All public agencies must submit Board approved ICT Rollout Plan to CARB by July 1, 2020.
- SacRT was granted an extension.

# Innovative Clean Transit (ICT) Rollout Plan

ZEB Purchase Schedule required by CARB:

Year	Large Transit	Small Transit
2023	25%	-
2024	25%	-
2025	25%	-
2026	50%	25%
2027	50%	25%
2028	50%	25%
2029	100%	100%

## SacRT ICT Rollout Plan Guiding Assumptions:

- The ZEV transition is based upon the normal replacement cycle for the current bus fleet.
- Battery Electric Bus (BEB) and hydrogen fuel cell technologies should be considered as options.
- It is not feasible to expand the fleet in order to operate the same level of service with a ZEV fleet to accommodate the range limitations of BEB's.
- A reduction in service in order to transition to a ZEV fleet is not an acceptable alternative to accommodate the range limitations of BEB's.

## SacRT ICT Rollout Plan Guiding Assumptions:

- In route charging may be an alternative for some specific service but should not be considered as a strategy for the larger fleet conversion as a method of overcoming the range limitations of BEB's. As technology improves this will become less of an issue.
- SacRT may need to consider smaller light maintenance/dispatching facilities in order to address fueling limitations for both BEB and hydrogen fuel cell technologies.

# Innovative Clean Transit (ICT) Rollout Plan

## Plan Outline:

- Rollout Summary
- Introduction
- Fleet and Acquisitions
- Facilities and Infrastructure
- Disadvantaged Communities
- Work Force Training
- Cost and Funding Opportunities
- Start-Up and Scale-Up Challenges

# Innovative Clean Transit (ICT) Rollout Plan

## Next Steps

- Finalize Plan
- Public/Peer Review
- Bring ICT Rollout Plan for Board approval at the October meeting
- Submit to ICT Rollout Plan to CARB
- Complete Full Transition Plan