



City of Salem - Office of
Sustainability & Resiliency

CELT Fellowship Presentation

Victoria Lai

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About Me

Victoria Lai

Social Impact MBA
Boston University –
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Committed to building sustainable communities through advancing climate action initiatives and engaging stakeholders in project development.



P3 Plan Development

Creation of a public-private partnership plan by scoping investment-ready projects supporting market building activities to advance sustainability initiatives such as building decarbonization, fleet electrification, geothermal and community solar development.



\$250K Grant Recipient

Awarded by the Municipal Investment Fund, in collaboration with ICLEI and Coalition for Green Capital.



Budget Proposal

Assisted in budget allocation for completing grant program goals and sustainability project scoping.



Procurement

Crafted Request for Proposals (RFP) and facilitated vendor selection for project implementation.



EV Infrastructure Planning

Feasibility Study & Report of Charging Sites

- Participated with Leidos and MassCEC to conduct six comprehensive on-site visits across the city to analyze physical infrastructure readiness parameters for curbside charging station installations
 - Ex. width of sidewalk, grid capacity, proximity to sewage lines, neighborhood density, and more
- The feasibility analysis identified that 80% of the surveyed sites are well-equipped for EV curbside charging installation
- Analyzed Chargepoint data to quantify EV charging energy consumption from past three years and visualized trends in usage, confirming steady growth in demand
- Align future roll out timeline with the Massachusetts Clean Energy Goals to improve electric vehicle adoption in the city.



Community Engagement

Gateway Cities Leadership Summit

Hearing from leaders, politicians, and city officials about the state of the MA ecosystem and intersectionality of housing, climate, and policy.

Volt & Vibe (EV Outreach)

EV outreach fair promoting electric vehicles (bikes, scooters, etc) in the Salem community.

Office of Energy Transition Luncheon

Discussion on current priorities and trends with Katherine Antos, Undersecretary of Decarbonization and Resilience





Key Learnings

- 1 Sustainability is expansive
- 2 Community input is key
- 3 Cross-sector collaboration
- 4 Intersectionality people & policy
- 5 Identifying leverage points

Thank you!

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