

Scope of Services for Cascadia Consulting Group to Develop Decarbonization Goal Analysis and Climate Vulnerability Assessment

Council Sustainability Committee: October 28, 2024

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- September Council Sustainability Committee(CSC) discussed awarding an agreement to Cascadia Consulting Group to develop a 2035 Climate Strategy
- Concerns raised regarding the project timeline, community engagement necessary to complete the project, and prioritizing the project focus on decarbonization
- Directed staff to return with a revised scope of work to focus on technical analysis and strategies for selected decarbonization target years and complete a climate vulnerability assessment

Scope of Work Changes



Previous Scope

- Develop a 2035 Climate Strategy that included decarbonization and resiliency strategies
- Project completion by July 2026
- Robust community engagement
- Project cost: \$433,328

Revised Scope

- Task 1: Develop a decarbonization goal analysis for 2035 and 2040
- Task 2: Complete a Climate Vulnerability Assessment
- Project completion by end of 2025
- No community engagement at this time
- Project cost: \$223,005



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Decarbonization Goal
Analysis for 2035 and 2040

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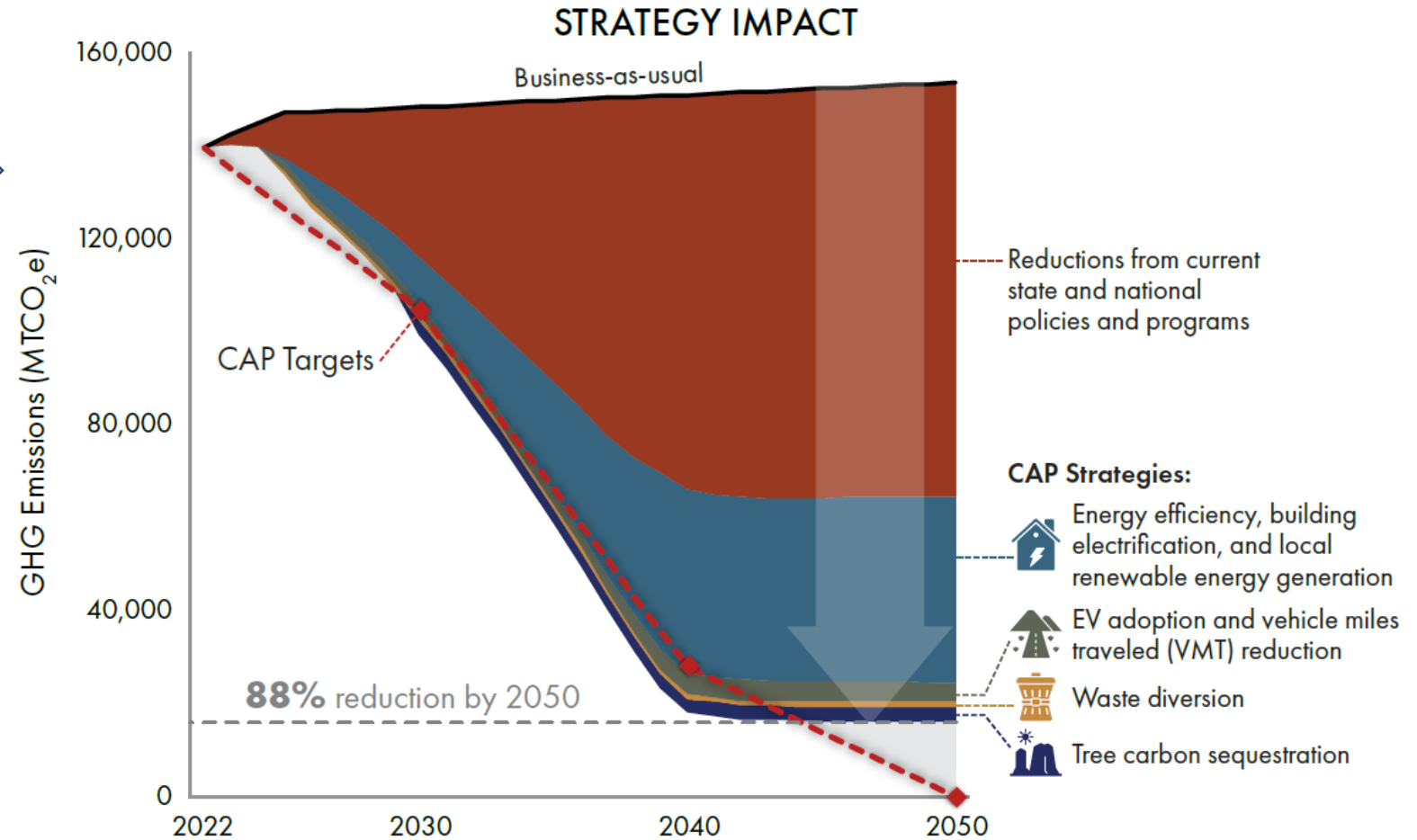
Climate Vulnerability
Assessment



Decarbonization Goal Analysis



- Conduct wedge analyses for **2035** and **2040**
- Evaluate GHG reduction potential of current policies and programs
- Develop 5-year menu of actions for each target year



Example wedge analysis for another jurisdiction

Climate Vulnerability Assessment



Increasing Storm
Frequency and Severity



Extreme heat



Sea level rise &
flooding



Air quality



Drought



Social vulnerability



- Feedback solicited from CSC and Council
- Anticipated council adoption by the **end of 2025**



Desired Project Outcomes



- Adopt a more progressive climate target than the current 2045 target
- Determine which strategies to undertake in the next 5 years to stay on track to meet the new target
- Use the Climate Vulnerability Assessment to inform and educate the CSC and City Council on next steps for enhancing resiliency



Next steps



- Committee could provide a recommendation to the City Council to approve the revised scope of work with Cascadia Consulting Group
- City Council approval of scope of work (November)
- Execute an agreement with Cascadia (December)
- Begin work January 2025



Thank You!