

# Accelerate to Zero (A2Z) Electric Vehicle Strategy

Steering Committee Meeting  
July 21, 2022

# Agenda

Existing Conditions  
Summary

Stakeholder  
Engagement Update

Guiding Principles

Discussion

Next Steps



# Scope of Work

Task	Status
Task 1: Administration	Ongoing through duration of project
Task 2: Existing Conditions Review and Analysis	Complete
Task 3: Stakeholder Engagement/Outreach	Ongoing through duration of project
Task 4: Development of Core Principles and Recommended EV Actions/Strategies	Ongoing
Task 5: EV Strategy Development	Ongoing



# Schedule

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# Existing Conditions Summary

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## Task 2: Existing Conditions – Scope and Approach

- Assessed existing conditions and conduct gap analysis
- Reviewed key information regarding policy, regulatory, market and industry environment
- Developed Request for Information (RFI)
- Developed uptake impact tool
- Reviewed current best practice EV strategies

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# Key Findings

## Targets and Key Assumptions in the Gap Assessment

EV charging infrastructure gap will likely be larger than expected

Conversely, the gap for hydrogen fueling stations could be smaller than expected

## Changes to Policies and Regulations

Emerging sources of funding, including federal funding, are expected to significantly reduce the public EV charging funding gap

## Changes to Regional Programs

Additional local programs needed to educate customers and dealers

Workforce training remains a gap that EV best practices and EV programs are targeting

## Best Practices

Accelerate vehicle retirements via a cash-for-clunkers offer

Target key gaps including vulnerable communities and medium to heavy vehicles



# Stakeholder Engagement Update

# Stakeholder Engagement Timeline

Phase	Timing	Activities		Notes
1) Barriers, Opportunities, and Guiding Principles	April – June 2022	<ul style="list-style-type: none"><li>- Core Project Team</li><li>- Steering Committee</li><li>- Advisory Committee</li></ul>	<ul style="list-style-type: none"><li>- <b>Online Questionnaire</b></li><li>- <b>Five Outdoor Workshops</b></li><li>- Webpage</li></ul>	Questionnaire kept open until June to allow for additional responses
2) Feedback on Draft Strategies	Sept/Oct 2022	<ul style="list-style-type: none"><li>- Core Project Team</li><li>- Steering Committee</li><li>- Advisory Committee</li></ul>	<ul style="list-style-type: none"><li>- <b>Online Questionnaire</b></li><li>- Supplemental events led by Core Team</li><li>- Webpage</li></ul>	Online Feedback on Draft Strategies
3) Present Final Strategies and Thank You	Jan – Mar 2023	<ul style="list-style-type: none"><li>- Core Project Team</li><li>- Steering Committee</li><li>- Advisory Committee</li></ul>	<ul style="list-style-type: none"><li>- Supplemental events led by Core Team</li><li>- Webpage</li></ul>	

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## Phase 2: Feedback on Draft Strategies

### Objective

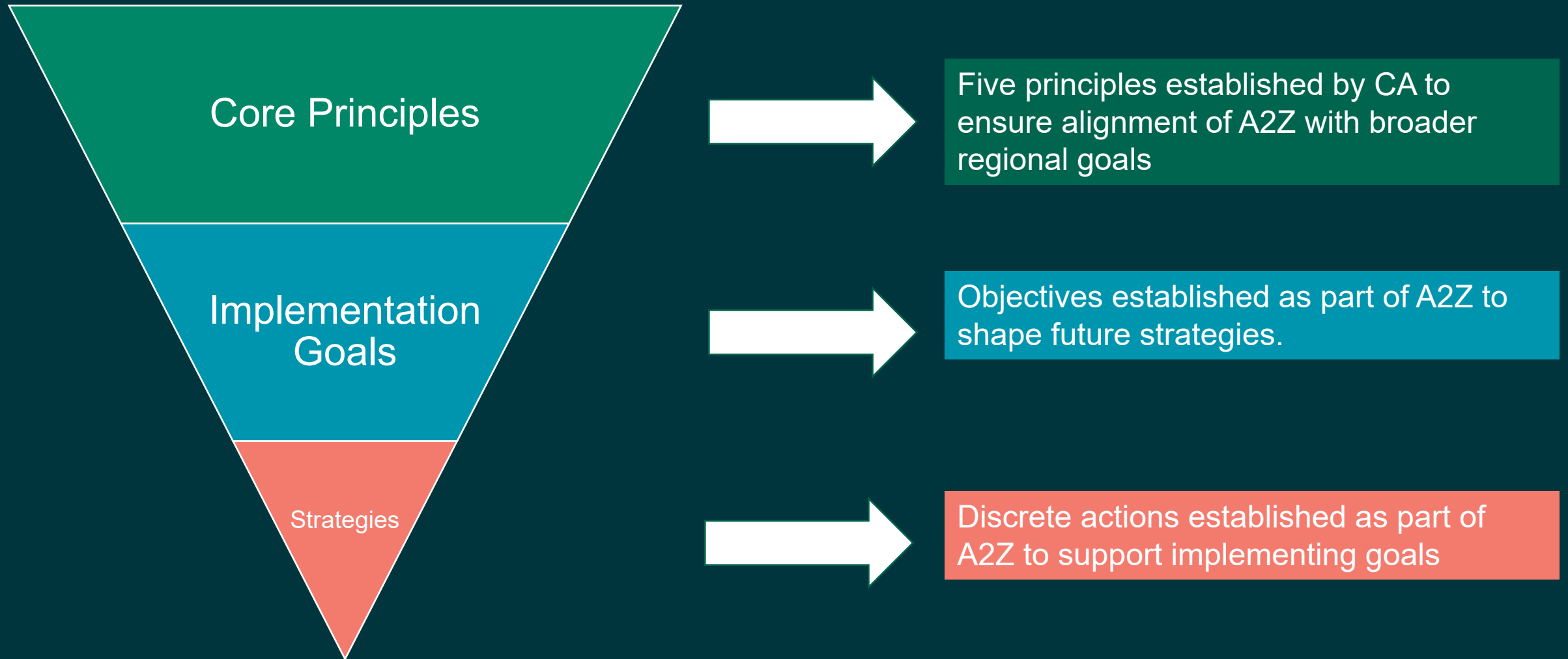
- Provide foundational information regarding EVs and the A2Z Strategy
- Summarize what we've heard through engagement to-date
- Collect feedback on draft A2Z Strategies

### Activities

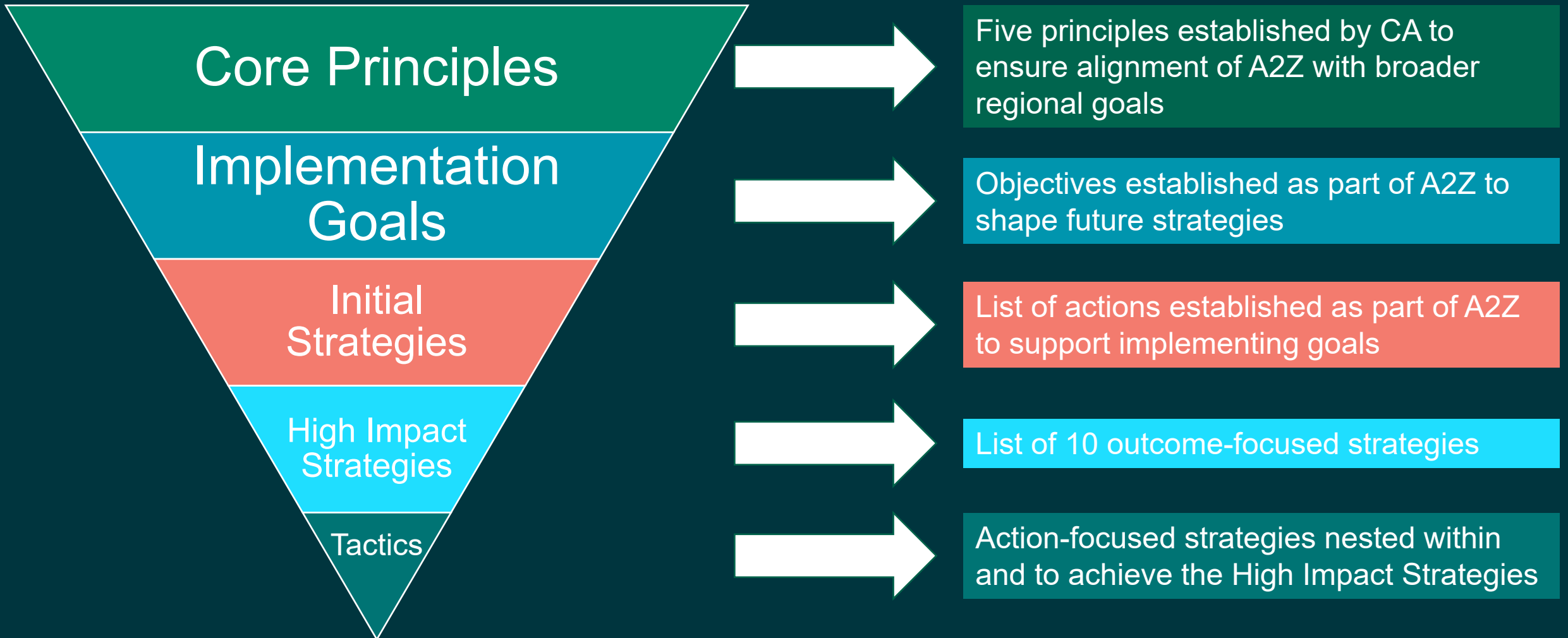
- Continue on-going engagement with Core Project Team, Steering Committee, and Advisory Committee
- Publish online questionnaire to gather feedback on draft strategies
- Webpage updates in advance of Phase 2 activities
- Supplemental events led by Core Project Team

# Guiding Principles

# Process Flow



## Process Flow



## Task 4 – Implementation Goals

Reduce Vehicle  
Emissions

Support  
Education and  
Collaboration

Reduce Barriers  
to ZEV Adoption

Provide  
Equitable  
Access to ZEV  
Infrastructure

Encourage  
Partnerships  
and Attract  
Investments

Innovate Utility  
Operations and  
Service

Enhance Grid  
Resiliency

Promote  
Workforce  
Development

Anticipate  
Future Growth  
and Innovation

## Task 4 – Evaluation Criteria

ZEV Adoption

Implementation  
Difficulty

GHG/Air Quality  
Benefits

Support for and  
Engagement of  
Communities of  
Concern

Timeline for  
Deployment

Capital &  
Operating Costs

Availability of  
Funding

Economic/  
Workforce  
Impact

### Methodology

- Each criteria has defined rankings (0 to 4)
- Each strategy evaluated in a scoring matrix
- Results will be integrated into the A2Z Strategy

### Current Status

- Developing strategies scored based on criteria and discussions with Core Team
- Confirming weighting system of criteria
- Identifying top ranking strategies

## Task 4 – Weighting

Criteria
ZEV Adoption
Implementation Difficulty
GHG/Air Quality Benefits
Support for and Engagement of CoCs
Timeline for Deployment
Capital & Operating Costs
Availability of Funding
Economic/Workforce Impact

### Methodology

- ZEV Adoption identified as primary criteria
- Considered linked criteria for cumulative weighting
  - ZEV Adoption + GHG/AQ Benefits
  - Implementation Difficulty + Timeline for Deployment
  - Capital & Operating Costs + Availability of Funding
- Can be further refined based on feedback/discussions

# Member Update

**Thank you.**

