



# Process update

#### **Topic-focused Working Groups**

#### Meeting #1, May

- Review existing conditions, issues, and opportunities
- Set preliminary goals

#### Meeting #2, June

- Refine goals
- Review existing City policies
- Develop strategies and actions

#### Meeting #3, July

- Refine strategies and actions
- Identify indicators and targets

#### **Prioritization Survey**

#### **Advisory Committee**

## **→**

#### September

- Review synergies and conflicts
- Feedback on proposed and prioritized actions

#### **Topic-focused Working Groups**



#### **December**

- Identify a final list of actions to include as plan recommendations (both nearterm and aspirational).
- Identify a final list of indicators that are most effective and feasible to track progress along goals.

#### **Topic-focused Working Groups**

#### **February**

- Review citywide development scenarios and impacts.
- Set targets based on the desired level of performance across indicators.

#### **Community feedback**



#### Fall, '17

Public engagement on goals

#### **Community feedback**



#### Spring '18

• Public workshop on scenarios

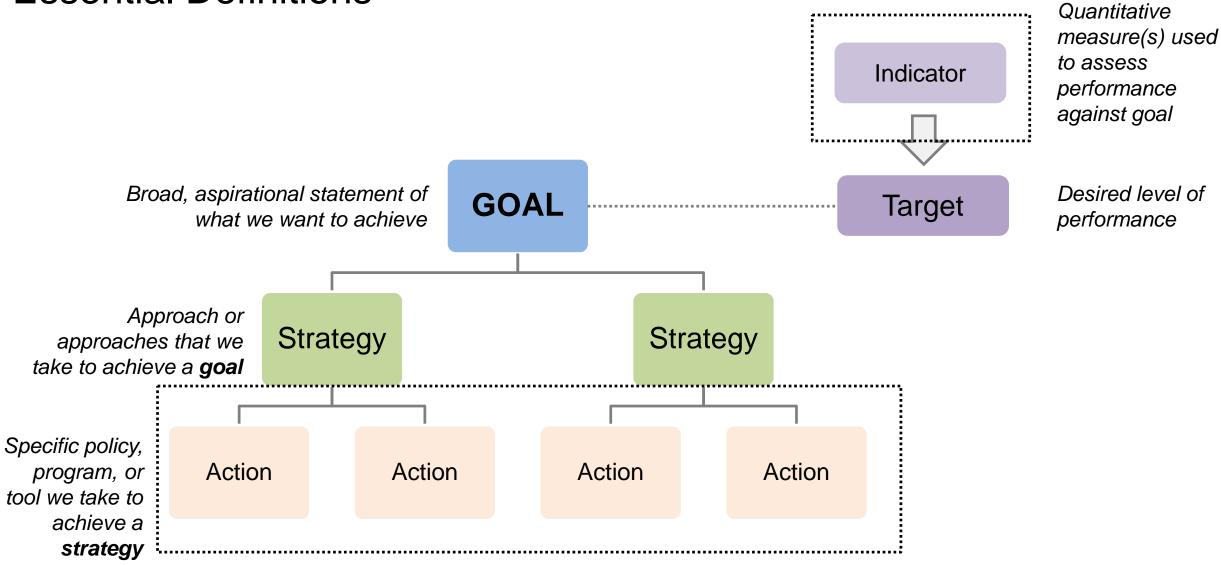
# Today's agenda

**Meeting objective:** Gain consensus on actions that will be written into the plan as recommendations, and select indicators that the City will measure on an ongoing basis after the plan has been released.

•	Session overview	10 mins
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- Actions: Discuss Working Group feedback on the Priority Matrix developed by City and consultant teams. Identify a final list of actions to include as plan recommendations.
   (Facilitated exercise)
- Indicators: Present indicators recommended by the planning team that are most effective and feasible to track progress along goals. Discuss indicators and identify a final list to be included in the plan.
- Next steps

## **Essential Definitions**



# Session overview: Determining plan priorities

#### **No-brainers**

(high impact + low difficulty)

Actions that are easy to accomplish and of a high impact. Should be completed first.

#### **Major projects**

(high impact / high difficulty)

Actions that are difficult to accomplish but of a high impact. May be worth doing, but only considered after top recommendations are completed.

#### Fill Ins

(low impact + low difficulty)

Actions that are easy to accomplish but of a low impact. Low priority but could be worthwhile.

#### Low impact – High difficulty actions

(low impact + high difficulty)

Actions that are hard to accomplish and of a low impact. Not worth the time nor effort and should not be considered.

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**Sorting:** Working with the City, the actions generated at the end of meeting #3 have been sorted into 4 categories based on expected impact and difficulty.

**Streamlining:** To bring the actions into a parallel style across all working groups, some of them have been rephrased or combined. We intended to make the actions more specific, and to sharpen them by replacing verbs such as "explore" or "encourage" with concrete actions that the City can pursue.

Difficulty

# Facilitated Exercise



# Action categorization

Do you agree with the current placement of each action along the four quadrants?

Impact

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Difficulty

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Actions that are difficult to accomplish but of a high impact. May be worth doing, but only considered after top recommendations are completed.

Create incentives or requirements for adaptive retrofits for existing buildings (utility placement, floodable ground floors, etc.)

Establish an eco-roof requirement for new construction

Require electric vehicle charging in new buildings

# Indicators



### Characteristics of a Good Indicator

An indicator is a quantitative measure used to assess performance against a goal. To guide the Working Group's development of indicators, the following general characteristics of good indicators have been identified.

**Indicators That Do Not Meet These Criteria** 

Simple to understand and communicate

Citywide noise pollution (Lden)

Historic data is available and readily accessible

Native plantings as % of groundcover

Indicator is a true reflection of performance

Total number of parks

# Recommended climate & environment indicators (1 of 2)

Which of these indicators seem most compelling in measuring progress against the goals?

Are there any other indicators that should be considered as a better way to measure progress against goal(s)?

Indicator	Goal assessed	Potential Source
Vulnerable populations at risk of displacement due to flooding (% of households)	A. Preparedness and Resilience	City of Cambridge Community Development Department
Heat-related hospitalizations (annual hospitalizations per 100,000 people)	A. Preparedness and Resilience	City of Cambridge Public Health Department
Climate change and sustainability curriculum taught in Cambridge Public Schools (hours of instruction)	B. Engagement and Benefits Sharing	Cambridge Public Schools
Tree canopy coverage (% by neighborhood)	C. Natural Environment	City of Cambridge Department of Public Works
Population living within walking distance of a park (%)	C. Natural Environment	City of Cambridge Department of Public Works

# Recommended climate & environment indicators (2 of 2)

Which of these indicators seem most compelling in measuring progress against the goals?

Are there any other indicators that should be considered as a better way to measure progress against goal(s)?

Indicator	Goal assessed	Potential Source
Community-wide greenhouse gas emissions (mt CO2e)	D. Carbon Neutrality	City of Cambridge Community Development Department
Potable water use (gallons/resident)	E. Sustainable Water Resources	Cambridge Water Department
Bacterial water quality report card for local water bodies (%)	E. Sustainable Water Resources	U.S. Environmental Protection Agency
Waste to landfill (tons)	F. Zero Waste	City of Cambridge Department of Public Works

# Alternative climate & environment indicators

Which of these indicators seem most compelling in measuring progress against the goals?

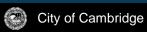
Are there any other indicators that should be considered as a better way to measure progress against goal(s)?

Indicator	Goal assessed	Potential Source
Minority and low income household representation on citywide committees (%)	B. Engagement and Benefits Sharing	City of Cambridge Community Development Department
Air, noise, light and soil pollution (PM2.5, Lden, NSB, # of sites)	C. Natural Environment	Various
Separated Sewer System (%)	E. Sustainable Water Resources	City of Cambridge Department of Public Works
Drinking water quality (Index)	E. Sustainable Water Resources	Cambridge Water Department
Waste generation (tons)	F. Zero Waste	City of Cambridge Department of Public Works

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# Next steps



# Upcoming citywide scenario analysis

- Envision Cambridge will be testing land use mixes and densities to determine the level of development under existing zoning compared to three alternative scenarios.
- The alternative scenarios will focus on the corridors and selected areas likely to have a higher propensity for change.

- The scenarios will be compared based on performance on citywide metrics such as:
  - Housing Units
  - Affordable Units
  - Jobs
  - Traffic volumes and mode share
  - GHG Emissions (MT CO2e)
  - Net Revenue (\$)

# Study areas for citywide scenarios

