



# Concord Climate Action & Resilience Plan

September  
18, 2019



# Tonight's Objectives

- Introduce Consulting Team
- Discuss Project Approach & Scope
- Review Project Phases & Timeline
- Discuss CAAB's Roles and Responsibilities
- Considerations Brainstorm?
- Next Steps



# Consultant Team

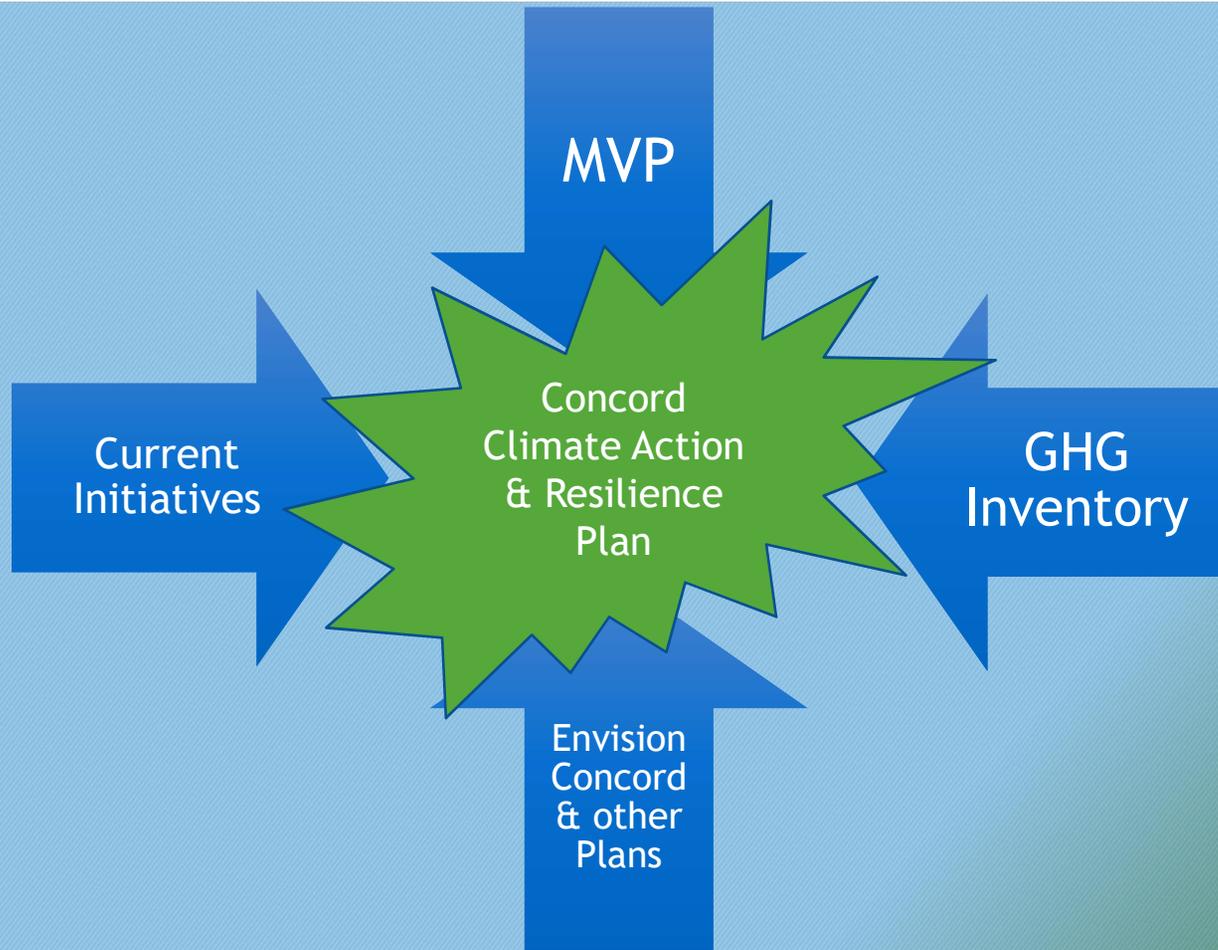


- KLA: Project Management, Community Engagement, Street Team Management, Facilitation of Process, Toolkit, Evaluation Criteria
- Center for Sustainable Energy: EV, Solar and Energy Efficiency related Blueprint development
- ONE Architecture: Vulnerability Assessment & Resilience strategies

# Project Advisors



- CAAB
- Municipal Staff Group
- Community Stakeholders



# Project Background

**“Manage the unavoidable and avoid  
the unmanageable”**



# Plan Elements & Sustainability Principles

## Plan Elements

- Healthy & Safe Communities
- Resilient Natural Resources
- Smart Energy Systems
- Sustainable Development
- Thriving Economy
- Transportation Choices

## Sustainability & Resilience Principles

Cultural & Historical Character  
Equity  
Greenhouse Gas Emission Reductions  
Jobs & Education  
Regeneration  
Resilience



# INFRASTRUCTURE, UTILITIES & WASTE BLUEPRINT



## ACTION 1

Promote green infrastructure in projects throughout the city

*This action would promote green infrastructure projects in parks and streets, as well as on residential and commercial properties.*



CHAMPION(S)

Department of  
Public Infrastructure

### PLANNING CONSIDERATIONS

IMPLEMENTATION STEPS	KEY PARTNERS	TIMEFRAME	COST*
1 Continue developing planning/code requirements and design guidelines for green infrastructure and enforce or promote stormwater rules and regulations	Department of City Planning Code Enforcement Division	3-9 months	\$\$
2 Identify priority areas for green infrastructure projects	Department of City Planning	3-9 months	\$\$
3 Develop green infrastructure in city public projects	Department of Facilities & Fleet Management Parks, Recreation, and Beaches Department	1-3 years	\$\$\$\$
4 Promote green infrastructure on private property	Conservation Commission	1-3 years	\$\$\$

\*Cost: \$ = <\$20,000; \$\$ = \$20,001 - \$100,000; \$\$\$ = \$100,001 - \$250,000; \$\$\$\$ = > \$250,001



### BEST PRACTICE EXAMPLE

#### Philadelphia, PA – Green City, Clean Waters<sup>4,6</sup>

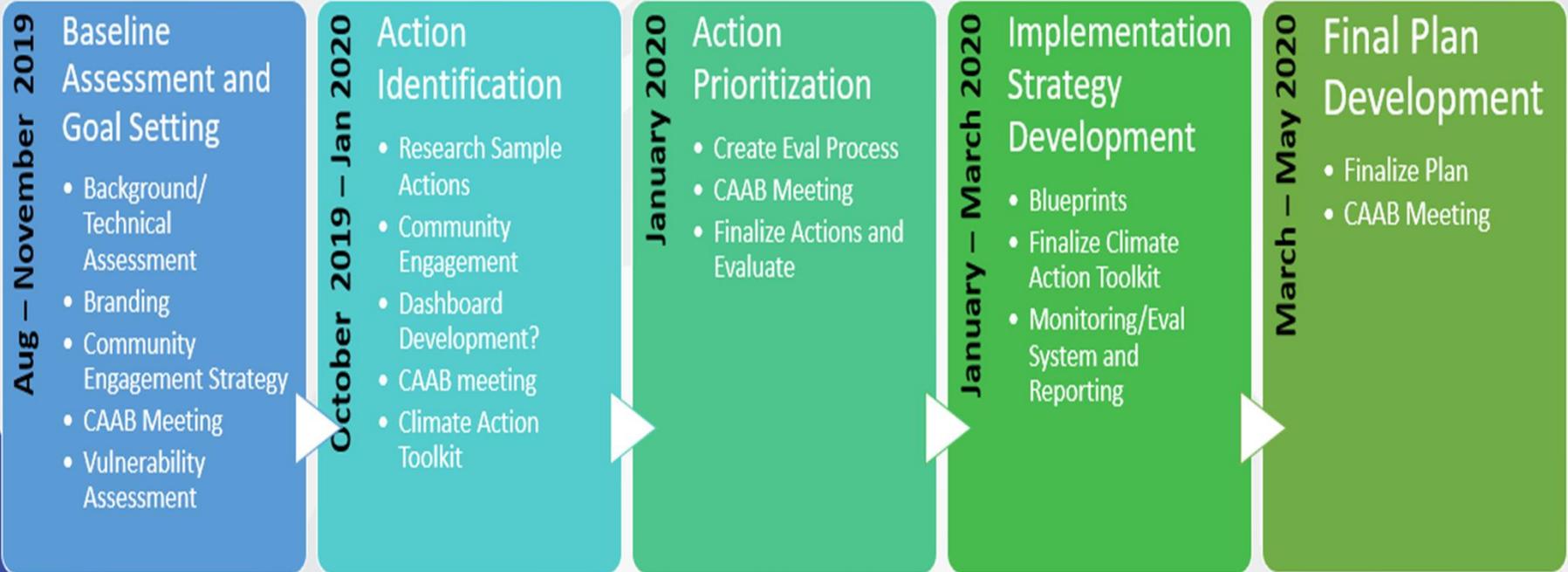
The program has established 837.7 Greened Acres, exceeding the five-year regulatory target and reducing pollution from stormwater runoff and combined sewer overflows by more than 1.5 billion gallons annually. This was achieved through the creation of 441 green stormwater infrastructure sites throughout the city.



### MEASURING SUCCESS

	BASELINE DATA	BASELINE YEAR
<b>OUTPUTS</b>		
GI Quantitative Site Data Stormwater in and out flow, storage, bypass flow, soil moisture, infiltration rate, precipitation, temperature, relative humidity, wind speed/direction, pollutant loading, and volume reduction	New Sites	
GI Qualitative Site Data Site/visit inspections, maintenance logs, photos, seasonal functioning, and resident/owner issues tracking	New Sites	
<b>OUTCOMES</b>		
# new green infrastructure projects installed and mapped	New Map	

# Project Scope and Timeline



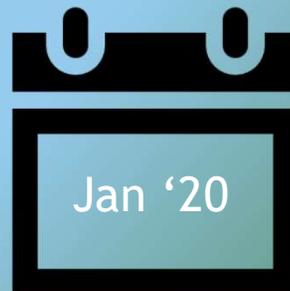
# Baseline Assessment/Goal-Setting

- Review existing plans, policies, reports, studies- *pull out applicable goals and actions*
- Identify themes by plan element
- Develop community outreach methods
- Conduct Vulnerability Assessment
- Develop goals for each element



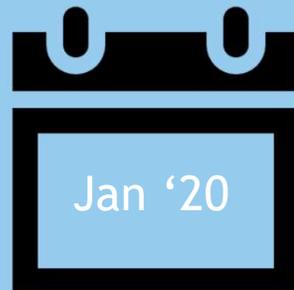
# Action Confirmation

- Apply appropriate applicable actions from existing, recent plans
- Identify strategic best practices from communities across the U.S.
- Community Engagement: Street Team, attendance at events, surveys, social media
- Discuss potential Climate Action Toolkit
- Confirm actions that meet goals



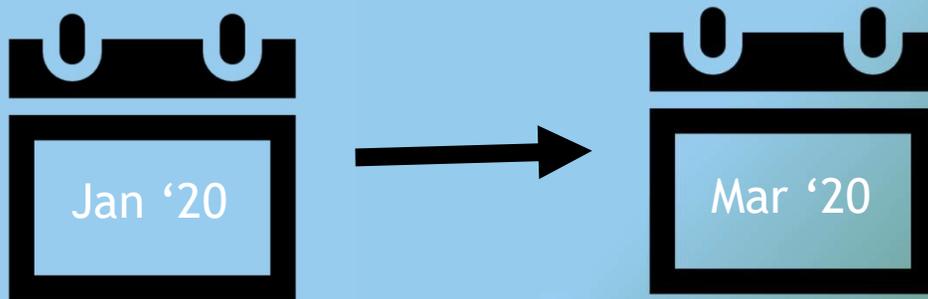
# Action Prioritization

- Create Evaluation Framework based on the Sustainability & Resilience Principles
- KLA Team will assign scores to each action identified for inclusion in the Sustainable Concord Plan based on how well it meets the Principles
- CAAB and other stakeholders Prioritize Actions to identify top 2-3 per element



# Implementation Strategy/Blueprint

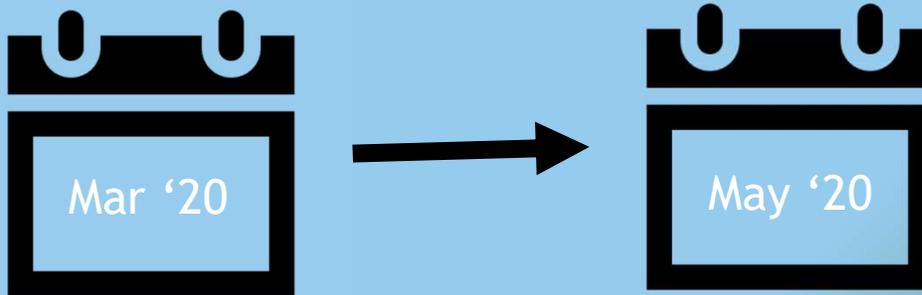
- Develop draft and final “blueprints” for priority actions
- CAAB to provide feedback on the draft blueprints
- Finalize Climate Action Toolkit



# Final Plan Development

- Create Draft for Review
- Finalize and send to State and promote

April  
CAAB



# Project Scope and Timeline

