External Advisory Committee

Third Quarter 2020 Meeting

Agenda

➢ Update – Electric Aggregation

➢ Sustainable Columbus – Post 2020 Goals

➢ Department Updates

➢ Partner Updates

➢ Wrap Up

Update – Electric Aggregation

➢ Erin Beck

   Office of Columbus Mayor Andrew J. Ginther

Sustainable Columbus – Post 2020 Goals

➢ Alana Shockey
 Assistant Director, Sustainability
 Department of Public Utilities

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KEY INITIATIVES & GOALS

GreenSpot

GreenSpot asks households, businesses and community groups to make pledges to conserve energy, conserve & protect water, and reduce waste.

2020 GOALS

Increase the number of GreenSpot memberships to **20,000**, reducing the environmental impacts of daily life by **motivating** behavior change.

Climate & Energy

Columbus is committed to taking action to become a carbon neutral city and to reducing its greenhouse gas emissions to do its part to help the U.S. meet the Paris Agreement.

2020 GOALS

Reduce greenhouse gas emissions by **30%** from City operations, and by **20%** from the community.

Resource Protection & Conservation

Through our Recreation & Parks and Public Health initiatives we connect the people of our community through the power of nature, wellness and creativity.

2020 GOALS

Increase the number of City **parks** to **400**, adopt a tree canopy strategic plan, provide **greenspace** within a 10-minute walk of all residences, and support local **food initiatives.**

Waste Reduction

To build stronger, safer communities, we are dedicated to working with residents in our opportunity neighborhoods to address illegal dumping and activate recycling.

2020 GOALS

Increase illegal dumping case resolutions by **15%** and increase the recyclable materials collected per participating household citywide by **5%** .

What Makes a Good Goal?

Attributes of Effective Visions of Change

Ambitious – It makes a difference in residents' lives

Urgency – It inspires a sense of urgency

Attainable – It is challenging, but do-able

Clear – It can be communicated easily, including in public

Measurable – Progress against it can be tracked and monitored

Vision

The **City of Columbus** has committed to an **ambitious** Sustainable Columbus **agenda:**

100% Renewable Energy
through Community Choice Aggregation by 2022

Carbon Neutrality
by 2050

Prosperous neighborhoods
with green space, clean air, and safe drinking water

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Strategies

Conserve and Protect Natural Resources
by promoting greenspace, preserving tree canopy, and protecting water resources

Invest in Systemic Change around Climate and Energy by transforming how energy is generated, used, and conserved in the building and transportation sectors

Grow Columbus GreenSpot by increasing membership and expanding member programming

Reduce Waste
by reducing residential waste and supporting the circular economy

Goals (end of 2030)

Increase Equitable Access to Green Space:
More than 64.5% of residents live within a 10 minute walk of a park or trail

Preserve Tree Canopy: *In Progress*
To align with 2030 Urban Foresty Master Plan goals

Support Local Food Initiatives

Reduce Greenhouse Gas Emissions from **Municipal Operations by 40%**

Reduce Greenhouse Gas Emissions **by 25% Community-wide**

40,000 Columbus GreenSpot members

Expand membership programming opportunities

Achieve **25% Residential Waste Diversion**

Support the Circular Economy

Action 1: GreenSpot – Inform and Educate

2030 Goal
What would success look like in 2030?

- **40,000 GreenSpot members**

- **Increase partnership in Opportunity Neighborhoods**

- **Improve Internal/external engagement**

Description

Overall increase membership. Grow the number of GreenSpot members with program development and implementation done in partnership with local partners, stakeholders, and advisory board members while increasing the enrichment for existing members through technical assistance, tours, webinars, etc. Focus on Opportunity Neighborhoods. Tie in with other city sustainability efforts to magnify their efforts and to increase GreenSpot membership.

Ownership
Who is the primary lead?

Owner: David R. Celebrezze

Ambitious	Urgent	Attainable	Clear	Measurable

Would you suggest tweaking the goal?

How?

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Action 2: Preserve and Create Access to Green Space

2030 Goal
What would success look like in 2030?

More than 64.5% of Columbus Residents will live within a 10 minute walk of a park or trail.

Maintain an overall Level of Service of at least 9.4 Acres of Parkland per 1,000 residents.

Description

Parks and trails are key city infrastructure and vital for thriving Columbus communities. To reap the benefits of green space, residents must have both proximity and ease of access. To keep pace with Columbus' rapid development and population growth, Recreation and Parks prioritizes new parkland acquisition and construction of trail segments in areas that will connect residents who have been out of reach of our city's green spaces. Success is measured using two methodologies, the 10-minute walkshed, and Level of Service (Acres of parkland/ 1,000 residents).

Ownership
Who is the primary lead?

Owner: Brad Westall, Capital & Strategic Planning

Ambitious	Urgent	Attainable	Clear	Measurable

Would you suggest tweaking the goal?

How?

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Action 3: Preserve Columbus' Tree Canopy

2030 Goal
What would success look like in 2030?

2030 Urban Forestry goals will be made public after the release of Columbus' Urban Forestry Master Plan

Measure the % of Forestry's work activities in UFMP Priority neighborhoods (inventories, tree care, plantings)

Description

Growth in overall tree canopy cover will not occur until we can maintain current canopy levels. Over the next 10 years, we will work to stabilize existing tree canopy losses. We lose trees every year from storms, old age, pests, and development. Maintaining baseline canopy (22% in 2013; may change with updated data) by 2030 is a challenge in and of itself, and quality data is critical to developing accurate goals. A 2022 assessment of Urban Tree Canopy Coverage will provide up-to-date data about Columbus city-wide coverage, and Columbus Urban Forestry Master Plan which will be released publicly in late 2020 will introduce Urban Forestry goals for 2030 and beyond, and outline key steps in achieving them.

Ownership
Who is the primary lead?

Owner: Rosalie Hendon, Strategic Planning & Forestry

Ambitious	Urgent	Attainable	Clear	Measurable

Would you suggest tweaking the goal?

How?

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Action 4: Expand Urban Agriculture

2030 Goal
What would success look like in 2030?

- 50 % increase in lbs. produce grown in the City of Columbus*

- 3-5 additional regulatory clarifications or updates that support urban agriculture

- 50 % increase in $ spent at local farmers markets

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Description
Increase the amount of locally and sustainably produced food in the diets of Columbus residents to reduce reliance on food that has a larger carbon footprint through production and transportation methods.

Ownership
Who is the primary lead?

Owner: Cheryl Graffagnino

Ambitious	Urgent	Attainable	Clear	Measurable

Would you suggest tweaking the goal?

How?

*Pending currently determining baseline.

Action 5: Reduce GHG Emissions

2030 Goal
What would success look like in 2030?

25% Reduction in GHG Emissions Community-wide

40% Reduction in GHG Emissions from Municipal Operations

Description
Implement the near term goals of the Sustainable Columbus Climate Action Plan and stay on track to meet the City's carbon neutral by 2050 goal by reducing GHG emissions by 25% community-wide and 40% from municipal operations.

Ownership
Who is the primary lead?
Owner: Alana Shockey

Ambitious	Urgent	Attainable	Clear	Measurable

Would you suggest tweaking the goal?

How?

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Action 5: Increase Residential Waste Diversion

2030 Goal
What would success look like in 2030?

- **25% residential waste diversion.**

- **85% participation in residential recycling**

Description

Columbus has very successfully managed to put systems in place to divert yard waste and construction and demolition debris, residential recycling participation continues to grow, but overall residential waste diversion rates in 2020 were approximately 7-8%. We want to improve this rate to 25% by 2030.

Ownership
Who is the primary lead?

Owner: Timothy Swauger

Ambitious	Urgent	Attainable	Clear	Measurable

Would you suggest tweaking the goal?

How?
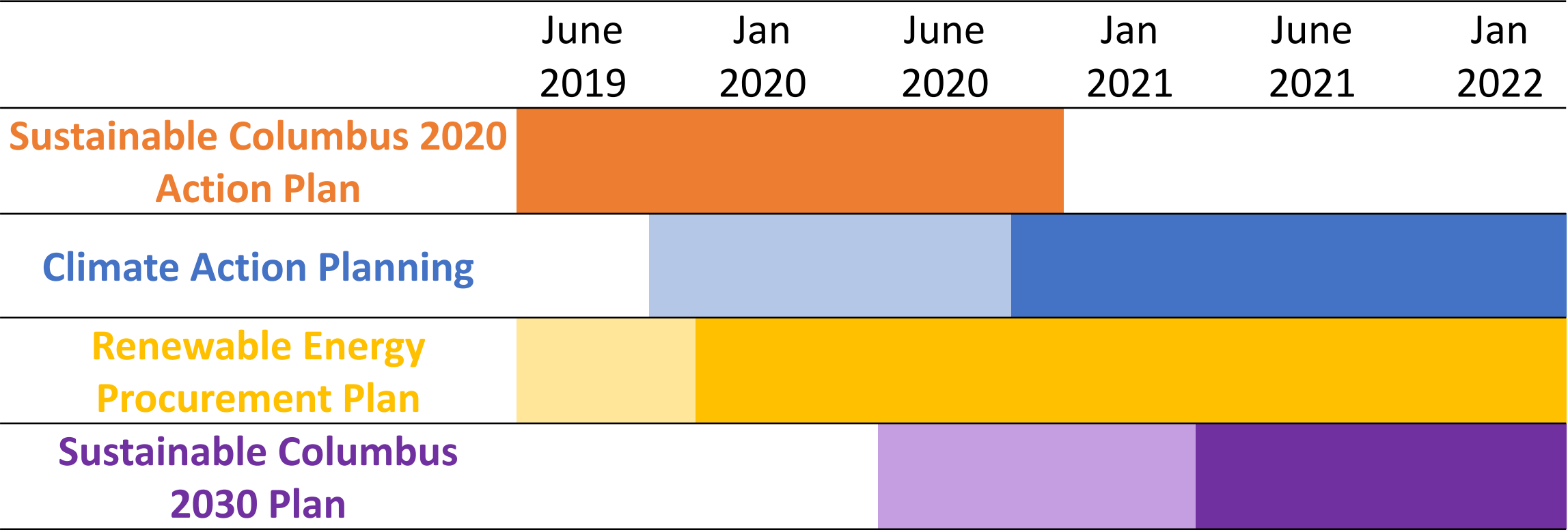
What's going in the Departments?

Updates

➢ Round Robin Partner Updates

➢ Next Meeting: Dec. 3, 2020, 1 p.m. Virtual

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American Cities
Climate Challenge