



MID-OHIO REGIONAL
MORPC
PLANNING COMMISSION

111 Liberty Street, Suite 100
Columbus, Ohio 43215
morpc.org

T. 614. 228.2663
TTY. 1.800.750.0750
info@morpc.org

NOTICE OF A MEETING
SUSTAINABILITY ADVISORY COMMITTEE
MID-OHIO REGIONAL PLANNING COMMISSION
111 LIBERTY STREET, SUITE 100
COLUMBUS, OHIO 43215
SCIOTO CONFERENCE ROOM

February 19, 2020
2:30-4:00 p.m.

- | | |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2:30 - 2:40 pm | Welcome & Introductions <i>Jim Schimmer, Chair</i> |
| 2:40 – 2:50 pm | Sustainable2050 Update <i>Jennifer Noll, Planning & Sustainability, MORPC</i> |
| 2:50 – 3:30 pm | Climate Resilience as a Component of Sustainability Work <i>Brandi Whetstone, MORPC</i> |
| 3:30 – 3:45 pm | Working Group Updates <ul style="list-style-type: none">• <i>Sustainability Dashboard Working Group: Justin Milam</i>• <i>Energy & Air Quality Working Group: Dale Arnold</i>• <i>Central Ohio Greenways Board: Letty Schamp</i> |
| 3:45 – 4:00 pm | Policy Update <i>Joe Garrity, Government Affairs, MORPC</i> |
| 4:00 pm | Adjourn |

PLEASE NOTIFY BRANDI WHETSTONE AT BWHETSTONE@MORPC.ORG TO CONFIRM YOUR ATTENDANCE FOR THIS MEETING OR IF YOU REQUEST SPECIAL ASSISTANCE.

The next SAC Meeting is
Wednesday, April 15, 2020 2:30-4:00 pm
Location: MORPC, 111 Liberty St., #100., Columbus, OH 43215

PARKING AND TRANSIT: When parking in MORPC's parking lot, please be sure to park in a MORPC visitor space or in a space marked with a yellow "M". Handicapped parking is available at the side of MORPC's building. Three electric vehicle charging stations are available for MORPC guests.

William Murdock, AICP
Executive Director

Rory McGuiness
Chair

Karen J. Angelou
Vice Chair

Erik J. Janas
Secretary

MORPC is accessible by CBUS. The closest bus stop to MORPC is S. Front Street & W. Blenkner St. Buses that accommodate this stop are the Number 61 - Grove City, the Number 5 - West 5th Ave. /Refugee, and the Number 8 - Karl/S. High/Parsons.

MEETING ROOM ACCESS: When you arrive in MORPC's lobby, a video screen will display the day's meetings. Each meeting will list a phone extension. Use the phone in the lobby to call the extension and someone will come escort you to the meeting.

Mid-Ohio Regional Planning Commission
111 Liberty Street
Columbus, Ohio 43215

Sustainability Advisory Committee
Meeting Notes

February 19, 2020. 2:30 pm

Members Present

Kate Bartter, The Sustainability Institute, OSU
Robin Duffee, Violet Township
Joe Massey, COTA
Justin Milam, City of Upper Arlington
Megan O'Callaghan, City of Dublin
Kyle O'Keefe, SWACO
Aslyne Rodriguez, Empower Bus

Letty Schamp, City of Hilliard
Chair Jim Schimmer, Franklin County
Alana Shockey, City of Columbus
Dan Sowry, Ohio EPA
Eric Walli, Honda North America

MORPC Staff Present

Rachael Beeman
Kerstin Carr
Jon-Paul d'Aversa
Joe Garrity

Natalie Hurst
Lynn Kaufman
William Murdock

Jennifer Noll
Stephen Patchan
Edwina Teye

Melinda Vonstein
Brandi Whetstone
Brooke White

Meeting Called to Order at 2:30 pm.

Welcome & Introductions

Members and staff introduced themselves, welcoming new committee members Robin Duffee, Megan O'Callaghan, and Kyle O'Keefe.

Sustainable2050 Update

The next Sustainable2050 meeting will be on March 27, and will focus on topics related to natural resources and celebration of the 50th anniversary of Earth Day. Members and staff will work to develop a strategic plan for Sustainable2050, to guide the group's work throughout 2020.

Climate Resilience as a Component of Sustainability Work

Resilience: The capacity of a system to retain essential functions before, during, and after a hazard strikes. See <http://toolkit.climate.gov/>

- Improve emergency preparedness capacity
- Resource protection
- Water supply planning
- Protecting public infrastructure
- Microgrids
- Social services to protect and prepare vulnerable population

With extreme weather events, there may be increased incidents of water quality issues, with stormwater and nutrient runoff into waterways, and damage to infrastructure. A priority through Sustaining Scioto is to create, update, and maintain climate projections and tools to support planning and implementation initiatives. This information is vital to increase the resilience of the region, and to inform how to mitigate climate change and reduce emissions.

Mitigation: Reducing emissions and stabilizing the levels of greenhouse gases. Examples can be found within existing goals and objectives of the Regional Sustainability Agenda, including:

- Reduce per capita energy consumption
- Reduce vehicle miles travelled (VMT)
- Increase percentage of vehicles using alternative fuels
- Increase the number of local renewable energy projects
- Increase the number of homes receiving weatherization services

Regional Sustainability Agenda Subcommittee

A subcommittee is being formed to update the current Regional Sustainability Agenda. Justin Milam will chair the subcommittee, with work beginning in April 2020, to coincide with the Metropolitan Transportation Plan.

Staff and members discussed items and ideas that should be considered in the Regional Sustainability Agenda:

- Resilience
- Mitigation
- Social equity - It was suggested that the general public be surveyed on the subject of what should be in the Regional Sustainability Agenda. Energy burden and other equity metrics were recommended, such as distance to parks for all residents.
- Content/metrics should be measurable to show progress.
- Different perspectives should be considered. Staff is recruiting members from different backgrounds in the MORPC membership to work on this Subcommittee.

Working Group Updates

Sustainability Dashboard Working Group

The Working Group continues to meet monthly to guide the development of the Sustainability Dashboard, with technical support from CURA at OSU. Working Group members beta tested the Dashboard in January and provided input. Members of the Regional Data Advisory Committee and the Sustainability Advisory Committee will be invited to perform the second round of user testing in late March or early April. The goal is for the Dashboard to launch in early June. The Working Group will meet again on April 21.

Energy & Air Quality Working Group

The Working Group met on January 28. Michael Forrester, Energy Manager of the City of Cincinnati, presented on Cincinnati's American Cities Climate Challenge and renewable energy programming. The Working Group will meet again on May 26.

Solar Toolkit Subgroup

The Subgroup met on January 30 to assess existing toolkits for applicability to Central Ohio. Craig Foster of Energility will serve as Chair of the Subgroup. The Subgroup will meet again in March.

Air Quality Sensor Network Subgroup

The Subgroup met on February 3 with Ayaz Hyder, OSU Professor of Environmental Health Sciences serving as Chair. The meeting focused on the central motivation for creating an air quality sensor network program in Central Ohio. The motivation will be used to craft other aspects of the program as time progresses. The Subgroup will meet again on March 2.

Central Ohio Greenways Board

The Central Ohio Greenways (COG) Board welcomed three new members at the January 15 meeting: Leah Evans, Homeport; Julie Walcoff, Toole Design; and Bill Hebble, Franklin County Engineers Office. The Board also discussed developing a formal process for the annual update of the COG Regional Trail Vision. The Board will meet again on May 13.

COG Operations & Access Working Group

The Working Group is exploring the opportunity of working with AEP to develop an energy micro-grid to provide power for trail lighting and disaster shelters in the Hilltop area. The Working Group will meet on March 2.

COG Marketing & Communications Working Group

The Working Group is developing a toolkit for a series of events called "Taste of the Trails." The toolkit will help trail partners facilitate events to celebrate the trails in their communities. The Working Group will meet on February 25.

COG Trail Development Working Group

The Working Group hosted four quadrant meetings in Franklin County to learn more about trail projects and goals from partners. The Working Group is also managing two ongoing projects: Trail & Active Transportation Prioritization Study and Urban Greenways Design Guide. The Working Group will meet on February 20.

COG Partnership Working Group

The Working Group met on February 18 to continue efforts to develop a Trail Funding Resource Guide. The group also continues to work with the Urban Land Institute to increase awareness of COG by developing a scope for the Rapid 5 initiative. The Working Group will meet again on April 21.

Policy Update / Government Affairs

House Bill 476

HB 476 was introduced on January 21, to amend the law regarding eminent domain. In addition to allowing an owner of real property to appeal to the appointing authority of a park district, the county probate judge, to veto the appropriation of land for the purpose of providing a recreational trail, HB 476 would also allow the property owner to ask for a veto from a board of township trustees or the council of a municipal corporation depending upon the location of the real property. MORPC opposes House Bill 476 because it leads to creating a precedent that could add restrictions or caveats for other local entities with eminent domain authority.

Federal – Waters of the U.S.

The U.S. Environmental Protection Agency (USEPA) has finalized its revised "waters of the U.S." (WOTUS) rule, drawing praise from various industry groups and criticism from environmentalists.

Other Business

Adjourned at 4:00 pm.



Central Ohio Greenways Board (Chair: Letty Schamp)

Next meeting: January 15, 2020, 2pm

The Central Ohio Greenways Board welcomed three new board members during the January 15th Board Meeting. Leah Evans, Homeport; Julie Walcoff, Toole Design; Bill Hebble, Franklin County Engineers Office.

The Board reviewed the definitions of *COG Trails of Regional Significance* and *COG Community Connectors* and is considering developing a formal process for updating the COG Regional Trail Vision annually.

The COG Operations & Access working group is exploring the opportunity of working with AEP to develop an energy micro-grid to provide power for trail lighting and disaster shelters in the Hilltop area.

The COG Marketing & Communications working group is developing a toolkit for a series of events called "Taste of the Trails." The toolkit will help trail partners facilitate events to celebrate the trails in their communities.

The COG Trail Development working group hosted (4) quadrant meetings in Franklin County to learn more about trail projects and goals from partners. The working group is also managing two ongoing projects: *Trail & Active Transportation Prioritization Study* and *Urban Greenways Design Guide*.

The COG Partnership working group is developing a *Trail Funding Resource Guide*. The group is also continuing to work with the Urban Land Institute to increase awareness of COG by developing a scope for the Rapid 5 initiative.



Energy & Air Quality Working Group (Chair: Dale Arnold)

Next meeting: March 24, 2020, 2pm

The Energy and Air Quality Working Group met on January 28, 2020. Michael Forrester, Energy Manager of the City of Cincinnati, presented on Cincinnati's American Cities Climate Challenge and renewable energy programming.

The Solar Toolkit subgroup met on January 30th and began the process of assessing existing toolkits for applicability to Central Ohio. Craig Foster of Energility will serve as Chair of the subgroup.

The Air Quality Sensor Network subgroup met on February 3rd. Ayaz Hyder, OSU professor of Environmental Health Sciences, is serving as chair of the subgroup. The first meeting focused on the central motivation or 'Why?' for creating an air quality sensor network program in Central Ohio. This central motivation will be used to craft other aspects of the program such as where the monitors are sited, how the public is engaged, and how the resulting data is analyzed and compared with other data sets. The Environmental Defense Fund opened the meeting with a presentation on their work supporting stationary and mobile monitoring programs in Oakland, CA, Houston, TX, and London, UK.



Sustainable2050

Next meeting: Friday, March 27, 2020

The first meeting of 2020 will take place on Friday, March 27 at MORPC. The meeting will focus on topics related to natural resources. We will also discuss opportunities for members to celebrate the 50th anniversary of Earth Day with their communities.

As a reminder, MORPC aims to certify the Tier Status of all Sustainable2050 members – and grow the membership – in 2020. If your community or agency has not yet completed the Tier Status certification process, please contact Jennifer Noll, Principal Planner, for assistance.

Sustainability Dashboard Working Group (Co-chair: Justin Milam)

Next meeting: March 10, 2020

The Sustainability Dashboard Working Group, a collaboration between MORPC's Sustainability Advisory Committee (SAC) and the Regional Data Advisory Committee (RDAC), has continued meeting monthly to guide the development of a Sustainability Dashboard, with technical support from CURA at OSU. This public facing dashboard will display dynamic information and serve as the reporting tool for the Regional Sustainability Agenda.

The working group kicked off the dashboard beta testing in January and provided their input through a survey. The input will be reviewed and considered for additional improvements to the user interface and functionality. The RDAC and SAC will be engaged in a second round of user testing beginning late March or early April, and the project will wrap up by mid-May with the launch anticipated by early June.

Increasing Resilience, Reducing Emissions

Brandi Whetstone, MORPC



MID-OHIO REGIONAL
MORPC
PLANNING COMMISSION



BACKGROUND



MORPC





THREATS & VULNERABILITY



MORPC



These are just a few of the threats and vulnerabilities that were identified:



Reduced Water Volumes



Increased Energy Bills



Loss of Power



Lower Water Quality



Increased Economic Burden of Repairs



Damage to Infrastructure



Increased Water Demand



CLIMATE SMART: FARMING WITH WEATHER EXTREMES



MORPC



Climate Smart: Farming with Weather Extremes (go.osu.edu/climatesmart)

224 views • Jun 28, 2019

2 0 SHARE SAVE





INFORMED DECISION MAKING



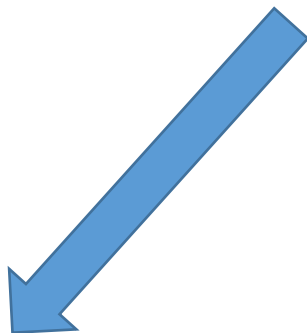
Create, update, and maintain climate projections and tools to support planning and implementation initiatives



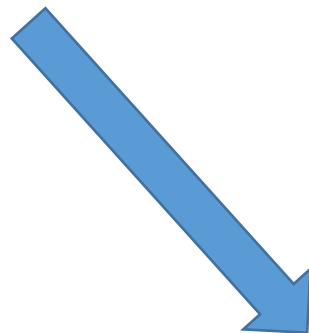
MORPC



Informed Decision Making



Increase resilience



**Mitigation /
Reduce Emissions**



MORPC



Resilience: The capacity of a system to retain essential functions before, during, and after a hazard strikes. *

- Improve emergency preparedness capacity
- Resource protection
- Water supply planning
- Protecting public infrastructure
- Microgrids (solar + battery back up for example)
- Social services to protect and prepare vulnerable populations

*U.S. Federal Government, 2014: U.S. Climate Resilience Toolkit. <http://toolkit.climate.gov>. Accessed 2/14/20.



MORPC



Mitigation: Reducing emissions and stabilizing the levels of greenhouse gases.

- Reduce per capita energy consumption
- Reduce vehicle miles travelled (VMT)
- Increase percentage of vehicles using alternative fuels
- Increase the number of local renewable energy projects
- Increase the number of homes receiving weatherization services



MORPC



DISCUSSION

- Increase resilience and reduce emissions → Should those serve as the guiding principles for the Regional Sustainability Agenda?
- How do we define them? (are definitions clear?)
- How do we talk about them?
- How do we create action?

Brandi Whetstone

Sustainability Officer

Mid-Ohio Regional Planning Commission

T: 614.233.4174

bwhetstone@morpc.org

111 Liberty Street, Suite 100

Columbus, OH 43215



MID-OHIO REGIONAL
MORPC
PLANNING COMMISSION

