

2017-2020 Regional Sustainability Agenda – Goals & Objectives

Approved by the Sustainability Advisory Committee on 10.18.2016

OBJECTIVES	Baseline Target	2020 Target	Strategy
GOAL 1: Reduce per capita energy consumption and promote alternative fuel resources to increase affordability and resilience of regional energy supplies.			
1.1 OBJECTIVE: Reduce vehicle miles traveled.	9,700 vmt per capita *2013 ODOT VMT on roadways with functional classification of collector and above (source: MORPC, 2013)	9,200 vmt per capita (5% reduction)	A, U, V, W
1.2 OBJECTIVE: Reduce the percentage of commuters driving alone and increase the percentage of commuters riding transit, bicycle or walking.	82% of commuters drive alone; 5% of commuters ride transit, bicycle, or walk (source: MORPC, 2015)	80% of commuters drive alone; 6% of commuters ride transit, bicycle, or walk	A, U, V, W
1.3 OBJECTIVE: Increase the percentage of vehicles using alternative fuels.	XX% of registered vehicles use alternative fuels (data and methodology under development)	XX% of registered vehicles use alternative fuels (data and methodology under development)	X, S
1.4 OBJECTIVE: Increase the number of trail miles traveled annually.	12 million Central Ohio Greenways trail miles traveled annually (source: MORPC, 2015)	13 million Central Ohio trail miles traveled annually	N, Y
1.5 OBJECTIVE: Increase the number of alternative fuel stations.	145 alternative stations (EV, E85, CNG, LNG, BD) with 127 identified as public access and 18 identified as private (source: USDOE, 2015)	220 alternative fuel stations (50% increase with work of Smart City to install EV)	X, S, GG
1.6 OBJECTIVE: Reduce per capita energy consumption across all sectors.	344 mmBTU per capita in Central Ohio, 332 mmBTU per capita in Ohio, and 316 mmBTU per capita in U.S. (source: Energy Information Administration, 2010 and MORPC Regional Energy Action Plan, 2014)	50% reduction in the gap of per capita total energy consumption between Central Ohio and U.S.	B, C, D, GG
1.7 OBJECTIVE: Increase the number of local renewable energy projects and generating capacity.	346 certified renewable energy facilities with 29.79 MW total generating capacity (source: PUCO, 2015)	500 certified renewable energy facilities with 37.5 MW total generating capacity (25% increase)	Z, GG
GOAL 2: Protect natural resources and mitigate infrastructure vulnerabilities to maintain a healthy ecosystem and community.			
2.1 OBJECTIVE: Reduce emissions to meet federal air quality standards.	Ozone Non-Attainment, PM2.5 Attainment (source: Ohio EPA, January 2015)	Ozone Attainment, PM2.5 Attainment	U, V, W, X
2.2 OBJECTIVE: Increase the number of people receiving Air Quality information and education.	12,087 people receiving Air Quality Alerts; 750,000 Air Quality Alert highway sign exposure; 398,000 exposed to information through media marketing (MORPC and ODOT, 2016)	10% increase in number of people receiving a combination of Air Quality Alerts, Air Quality Alert highway sign exposure, and media marketing exposure	G, H
2.3 OBJECTIVE: Reduce the amount of municipal solid waste per capita disposed in the landfill.	4.25 lb per person per day of solid waste disposed in the landfill (source: SWACO, 2014)	4.0 lb per person per day (6% reduction) of solid waste disposed in the landfill	AA
2.4 OBJECTIVE: Minimize greenfield development and promote infill and redevelopment.	44% of development occurred inside the urban area since 2010 (source: MORPC, 2016)	50% of development occurred inside the urban area between 2010 and 2020.	P, KK
2.5 OBJECTIVE: Reduce per capita water consumption.	XX gallons of water per capita consumed (source: Columbus, Del Co Water Inc, Marysville, and Westerville, 2015)	5% reduction in gallons of water per capita consumed	E, M
2.6 OBJECTIVE: Improve water quality in the Upper Scioto Watershed.	79.5% of Upper Scioto Watershed sampling sites are in attainment (source: OEPA, 2016)	85% of Upper Scioto sampling sites are in attainment	E, I, JJ
GOAL 3: Position central Ohio to attract and retain economic opportunity to prosper as a region and compete globally through sustainable practices and solutions.			
3.1 OBJECTIVE: Increase the number of businesses in Central Ohio with established sustainability policies and practices.	1,000 GreenSpot businesses (source: Columbus, 2016)	20% increase in the number of GreenSpot businesses	D, M, FF
3.2 OBJECTIVE: Increase the number of adopted institutional purchasing policies that support the purchase of local food.	X adopted institutional local food purchasing policies (data and methodology under development)	x% increase in adopted institutional food purchasing policies (data and methodology under development)	R, K, JJ
GOAL 4: Create sustainable neighborhoods to improve residents' quality of life.			
4.1 OBJECTIVE: Encourage MORPC member communities to adopt complete streets policies or policies that contain those elements.	14% of MORPC member communities have adopted complete streets policies or policies that contain those elements (source: MORPC, 2015)	45% of MORPC member communities have adopted complete streets policies or policies that contain those elements	P, BB, U, L
4.2 OBJECTIVE: Target infrastructure development to serve a higher number of people and jobs and increase sidewalk coverage of arterials and collectors.	4.3 people + jobs per acre are within 3/4 mile of arterials; 36% of arterials and collectors have sidewalks (source: MORPC, 2015)	5 people + jobs per acre are within 3/4 mile of arterials; 40% of arterials and collectors that have sidewalks	P, V, Y
4.3 OBJECTIVE: Reduce the number of fatalities and serious injuries from crashes.	0.69 fatalities per 100 million VMT; 6.4 serious injuries per 100 million VMT; Number of non-motorized fatal and serious injuries: 138 (source: ODPS, 2015)	0.63 fatalities per 100 million VMT; 5.83 serious injuries per 100 million VMT; 10% reduction in nonmotorized fatalities and serious injuries	J
4.4 OBJECTIVE: Target transit and bikeway infrastructure development to serve a higher number of people.	70% of population live within 3/4 mile of a transit stop; 71% of population live within 3/4 mile of a bikeway (source: MORPC, 2015)	72% of population live within 3/4 mile of a transit stop; 72% of population live within 3/4 mile of a bikeway	P, DD, EE, Y
4.5 OBJECTIVE: Increase the annual number of income eligible households receiving free weatherization and safety-related home repairs.	1,216 households served in the 15 county region (source: Columbia Gas and Home Weatherization Assistance Program, 2015)	5% increase in the number of households served	C, GG
4.6 OBJECTIVE: Increase the number of Central Ohio Greenways trail miles.	126 miles of Central Ohio Greenways trails built (source: MORPC, 2016)	Build 20 additional miles of Regional Greenways Trails	N
GOAL 5: Increase regional collaboration and educational opportunities to advance innovative sustainability solutions.			
5.1 OBJECTIVE: Establish the annual Summit on Sustainability as a premiere environmental conference through high participation and visibility.	550 attendees (source: MORPC, 2016)	Increase attendance by 10% annually	O
5.2 OBJECTIVE: Increase number of local governments committed to sustainability.	28 of MORPC members are Green Pact members (source: MORPC, 2016)	100% of MORPC members are Green Pact members	FF

2017-2020 Regional Sustainability Agenda - Strategies

ID	Potential Strategies	Energy	Natural Resource	Economic	Neighborhood	Collaboration
A	Build a coalition of businesses, public agencies, and other employers committed to establishing commuter incentives and programs that enable employees to use alternate modes and telecommuting to reduce single-occupant vehicle commutes.	X				
B	Create baseline energy study(ies) in order to identify the opportunities for investment in energy efficiency and renewable energy projects and initiatives.	X				
C	Expand marketing efforts and partnerships with local governments and other organizations to increase the number of residents served by free home weatherization, home repair, and electric baseload services.	X			X	X
D	Enable MORPC's local government members to lead by example through energy benchmarking of public buildings, energy audits, building retrofits, and public outreach programs.	X				
E	Establish a forum on climate change impacts on water supply, water quality, and treatment based on the results of the Sustaining Scioto Climate Change Adaptation Plan.		X			
F	Encourage participation in the statewide data depository via MORPC committees and in collaboration with the Regional Data Advisory Committee.	X	X	X	X	X
G	Seek out networks of vulnerable populations to more efficiently communicate Air Quality Alert information to individuals who most need to receive it.		X			
H	Improve availability and user experience of Air Quality Alert transmission such that individuals can receive this information easily using the appropriate devices, platforms, and most effective messaging.		X			
I	Encourage development of engineered green infrastructure projects in our region through providing best management practices and information sharing.		X			
J	Support and advance transportation policies and projects that have proven to be effective in reducing fatalities and serious injuries.				X	
K	Promote an educational outreach program with local government officials on establishing agricultural enterprises within their jurisdiction.			X		
L	Continue to enforce MORPC's Complete Streets policy and encourage local, state, and federal agencies to incorporate Complete Streets elements when developing roadway projects to create a transportation system that serves all users.			X	X	
M	Utilize the Columbus GreenSpot program at a regional level to increase the number of businesses and residences committed to sustainable practices.		X	X		
N	Implement the strategies as identified in the 5-year action plan as approved by the Central Ohio Greenways Board.	X			X	
O	Extend the reach of the Summit on Sustainability to both public and private stakeholders by attracting locally and nationally renowned speakers and highlighting local innovation.	X	X	X	X	X
P	Promote the findings of insight2050 and provide tools and resources to assist local government and developers in planning for the future.		X		X	
Q	Utilize the Public Policy Agenda to advance the goals of the Regional Sustainability Agenda.	X	X	X	X	X
R	Identify and utilize public and private funding sources to conduct an Institutional Demand Study on local food to develop a baseline on institutional local food purchasing.			X		
S	Assist with and learn from the SmartColumbus and US 33 Smart Mobility Corridor initiatives and share best practices with other Central Ohio communities.	X				
T	Explore diverse funding models that sustain program development and implementation.	X	X	X	X	X
U	Collaborate to reduce the need for vehicle travel through development regulations.	X	X		X	
V	Create travel demand management (TDM) partnerships among the facilitators and providers of alternative modes of transportation, community leaders, and institutions that make up high-density trip-generating districts.	X	X			X
W	Improve marketing of regional travel demand management (TDM) programs to increase use of transit, ride-share, bicycling, and walking	X	X			
X	Create plans and partnerships to attract investment in alternative fuel vehicles and infrastructure.	X	X			
Y	Expand bicycle and pedestrian networks through the implementation of complete streets and multi-use path connections.			X	X	
Z	Encourage the use of PACE as a financing tool for local renewable and energy efficiency commercial building projects.	X				
AA	Convene regional stakeholders to share best practices regarding reuse and waste reduction and serve as a resource for local governments.		X			
DD	Assist transit system operators and other transportation partners to improve fixed-route and demand-response transit service.				X	
FF	Incentivize communities to become Green Pact members.			X		X
GG	Collaborate with gas and electric utilities on programs and resources to benefit local governments, businesses, and residents.	X			X	
HH	Leverage the expertise and resources of the Sustainability Advisory Committee and other regional partners.	X	X	X	X	X
II	Understand and anticipate the impacts to the region of new or revised federal and state regulations.	X	X	X	X	X
JJ	Encourage sustainable agricultural practices.		X	X		
KK	Encourage business site selection partners to identify locations for companies in brownfield and infill areas where feasible.		X			

Italic = Strategies that are overarching to every goal