

FY20 & 21 OSI Priorities and Work Plan



Missy Stults, Manager, OSI
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ANN ARBOR'S OFFICE OF SUSTAINABILITY AND INNOVATIONS 5-YEAR WORK PLAN

FISCAL YEAR 2020 – FISCAL YEAR 2025

APRIL 2019 | PREPARED BY THE OFFICE OF SUSTAINABILITY AND INNOVATIONS

Office of Sustainability and Innovations:

5 YEAR WORK PLAN

MATRIX KEY

Co-Benefits
EDU - Educates the community

JOBS - Creates jobs / trains workers

NRG - Produces local energy

AIR - Reduces air pollution

\$S - Keeps dollars in local economy

EQU - Benefits the most vulnerable / contributes to One Community goals

COHESION - Enhances social cohesion

COST - Accrues cost savings

RES - Improves resilience and/or preparedness

HEALTH - Improves health of residents

EFF - Reduces energy use

ENV - Enhances environmental attributes

Impact Timeframe
S - short (1-3 years)
M - medium (4-8 years)
L - long (9+ years)

Work Plan Task	GHG Reduction Potential (metric tons CO2e)	5-Year Cost Estimate (non-staffing)	Cost / Ton CO2e	Co-Benefits	Impact Timeframe	Priority
RESIDENTIAL						
Time of Marketing	13,350	\$250,000	\$18.7	EDU; JOBS; \$S; COST	M	M
Net Zero Energy Affordable Housing Program	412	\$700,000	\$1,699	EQU; JOBS; NRG; AIR; \$S; COST; EFF	S	H
Green Rental Program	30,844	\$581,000	\$18.8	EDU; JOBS; AIR; \$S; EQU; COST; EFF	M	H
Aging in Place Efficiently Program	4,165	\$250,000	\$60	EQU; JOBS; NRG; AIR; \$S; COST; HEALTH; EFF	M	M
Efficiency and Solar in the Community	73,500	\$275,000	\$3.7	EDU; JOBS; NRG; AIR; \$S; EQU; COST; HEALTH; EFF	L	H
Weatherization Expansion	14,000	\$250,000	\$17.9	EQU; EDU; JOBS; \$S; HEALTH; EFF	M	M
Residence Hubs	500	\$300,000	\$600	EQU; RES; COHESION; HEALTH; EDU; NRG; AIR	M	H
Ann Arbor Storm Smart	944	\$60,000	\$63.6	RES; EDU; JOBS; \$S; ENV	M	M
Local Carbon Offset Program	453	\$25,000	\$55.2	EDU; NRG; AIR; \$S; EQU; ENV	S	L
COMMERCIAL						
Grand Challenge Program	73,500	\$600,000	\$8.2	EDU; JOBS; NRG; AIR; \$S; COST; HEALTH; ENV	L	M
Innovation Hub	20,000	\$250,000	\$12.5	EDU; JOBS; \$S; COHESION; COST; RES	L	M
Green Business Program	7,620	\$150,000	\$19.7	JOBS; \$S; EDU; COST; ENV	L	M
EV'S						
EV Readiness	18,294	\$150,000	\$8.2	EDU; JOBS; AIR; HEALTH; ENV	L	H
MUNICIPAL						
100% Municipal Clean and Renewable Energy Strategy	26,000	\$1,500,000	\$70.6	EDU; JOBS; NRG; AIR; \$S; COST; ENV; EFF	M	H
Green Fleets		\$100,000		EDU; AIR; ENV; HEALTH		
Internal Carbon Pricing		\$75,000		EDU; NRG; RES; EFF		
Climate Change into City Decision Making		\$75,000		EDU; NRG; AIR; COST; ENV; RES; EFF		
Volunteer Solar		\$200,000		EDU; JOBS; NRG; AIR; \$S; COST		
Internalization of Sustainability into City Operations		\$25,000		EDU; JOBS; NRG; AIR; \$S; COST; ENV		
CROSS-CUTTING, ENGAGEMENT AND EDUCATION						
Equity Programs	0	\$100,000	Not Estimated	EDU; COHESION; EFF; HEALTH	S	H
Commission Support (Energy, Environment)	0	\$0	Not Estimated	EDU; NRG; AIR; ENV; EQU; COST; EFF; RES	S	H
Sustaining Ann Arbor Together Neighborhood Grant Program	500	\$500,000	\$1000	EDU; COHESION; \$S; EQU; ENV	S	H
Community Outreach (e.g., Sustainability Forums, messaging, targeted outreach, reoccurring sustainability report, coffee hours)	500	\$125,000	\$250	EDU; ENV; COHESION; RES	M	H
TRACKING PROGRESS						
Greenhouse Gas Emissions Inventories	0	\$100,000	Not Estimated	EDU	S	H
Metric Tracking	0	\$50,000	Not Estimated	EDU	S	H



GOAL:
At Least a 25%
Reduction in
Community-Wide
Greenhouse Gas
Emissions



FY20 & FY21 Priorities

A
B
C
D
E
F
G
H
I
J
L

Net zero energy affordable housing

Green Rental Housing program

Home energy disclosure program

Weatherization expansion

Aging in Place Efficiently

Efficiency and solar in the community

Green Business Challenge

100% clean and renewable city operations

Resilience hubs

Sustaining Ann Arbor Together grant program

Ongoing community engagement

Housing

GREEN RENTAL HOUSING:

Policy and program requiring rental property owners to meet a minimum efficiency standard before receiving their rental licenses.



HOME ENERGY DISCLOSURE:

Require sellers of a single-family home to obtain and disclose the findings of a Home Energy Score.



- Power Hours
- Bulk Buys
- Concierge
- Solar and Storage - Resilience

Efficiency & Solar in the Community

Solar Installation

Leveraging volunteers and community passion to install solar on critical facilities.



Green Business Challenge

Encouraging our business to engage in more sustainable behavior.



**GREEN BUSINESS
CHALLENGE**



AN **ICLEI** **USA** PROGRAM

ST. LOUIS

**GREEN BUSINESS
CHALLENGE**



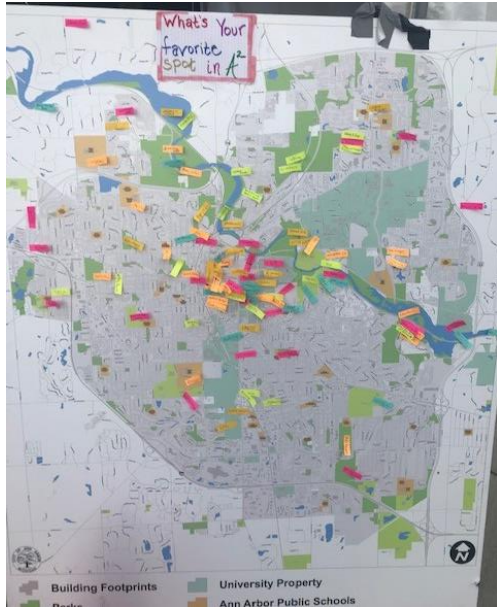
RETHINK BUSINESS
GREEN BUSINESS CHALLENGE
West Palm Beach

WGBC
WESTCHESTER
Green Business Challenge
*A Business Council of Westchester program
in partnership with Westchester County*



Community Engagement

Provide a continual drumbeat for sustainability and climate-related topics with the community



Grand Challenge

5-years; 5 of the biggest challenges facing our region

2020-2021

The Year of
Energy



10% reduction
in energy
consumption

EARTH DAY 2020

“Make no small plans; they have no magic to stir men’s blood...” ~Daniel Burnham



Your Thoughts





THANK YOU
