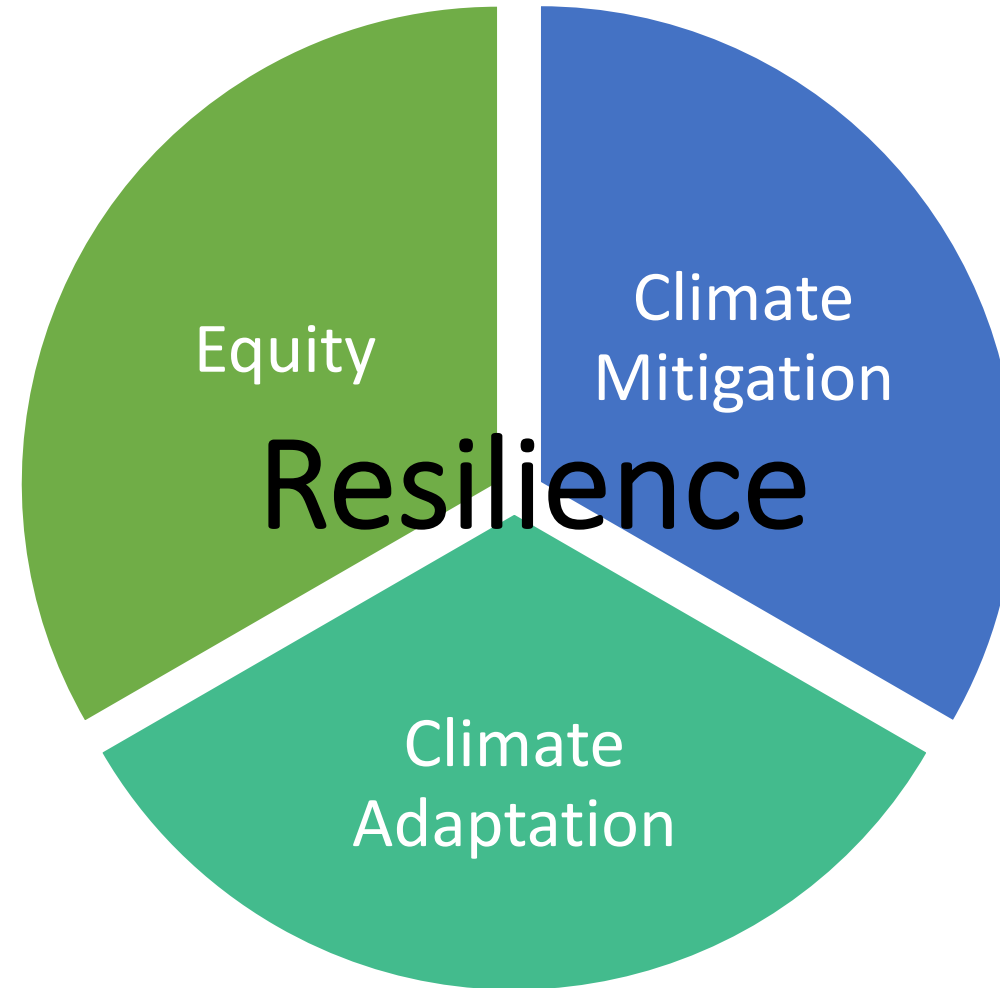


Resilience and the Bryant Neighborhood Project



Resilience in Practice



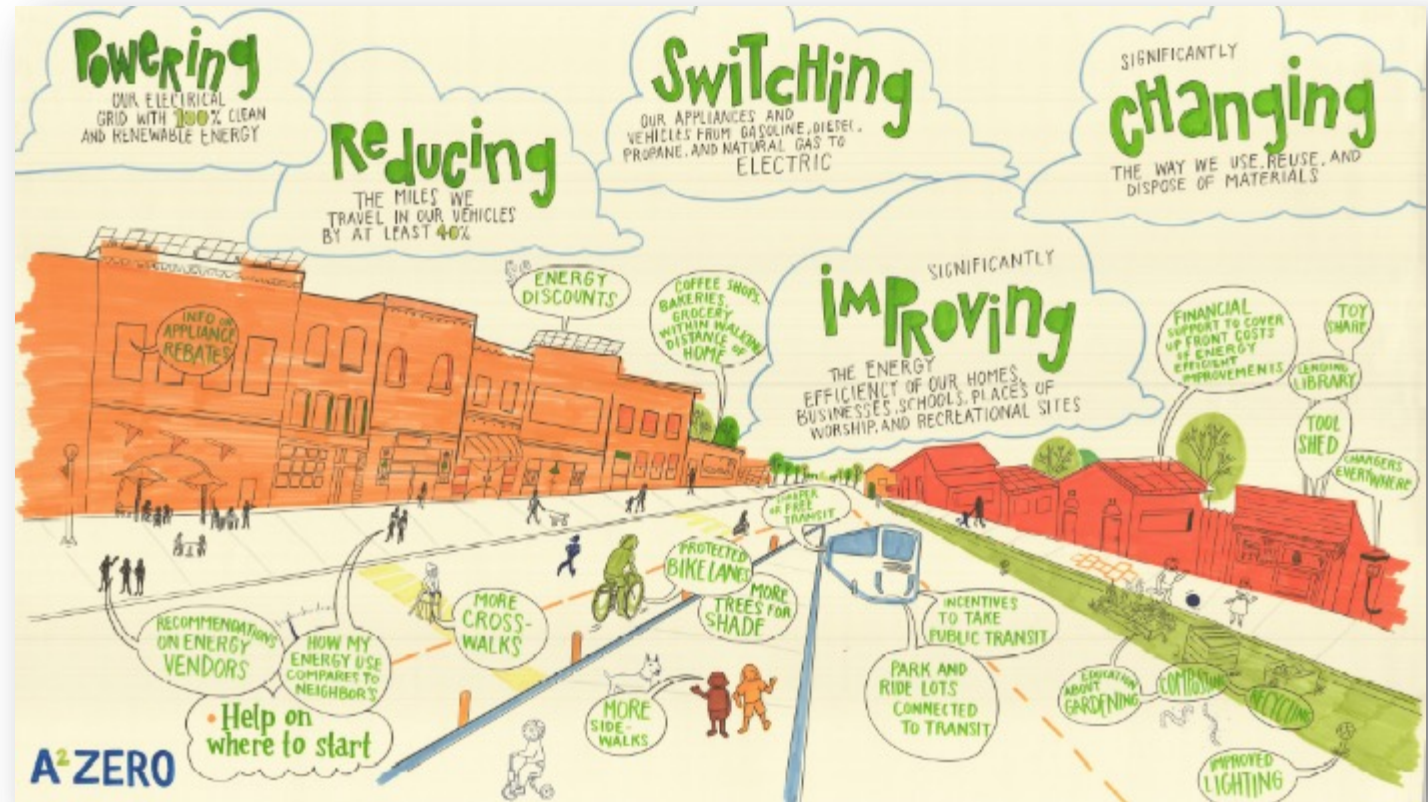


A²ZERO

EQUITABLE • SUSTAINABLE • TRANSFORMATIVE

A²ZERO Vision

Together, creating and implementing a just transition to carbon neutrality by the year **2030.**





STRATEGY 6:

Enhance the Resilience of Our People and Our Place

The Plan

ACTION SUMMARY TABLE

	Total Costs	GHG Reduction	%Total emissions	\$/ton	Co-Benefits
STRATEGY 1					
Community Choice Aggregation	\$3,245,000	784,000	35.8%	\$4	Coming Soon
Bulk Purchase of Renewables	\$605,000	85,000	3.9%	\$7	
Community Solar Program	\$205,000	11,500	0.5%	\$18	
Landfill Solar Project	\$80,000	23,000	1.1%	\$3.5	
STRATEGY 2					
Electrification	\$7,100,000	362,300	16.5%	\$ 20	Coming Soon
Electrify All Buses	\$80,575,000	13,800	0.6%	\$ 5,839	
Bulk Purchase EVs	\$700,000	122,900	5.6%	\$6	
Private EV Fleets	\$123,000	0	0.0%		
City EV Fleet	\$4,000,000	1,100	0.1%	\$3,636	
EV Infrastructure	\$42,000,000	0	0.0%		
STRATEGY 3					
Bulk Purchase of Energy Efficiency	\$7,100,000	242,500	10.5%	\$ 4	Coming Soon
Building Code Requirements	\$80,575,000	48,300	0.6%	\$ 40	
LED Lighting	\$700,000	2,600	0.6%	\$1,208	
Benchmarking	\$123,000	0	0.0%		
Loan Loss Reserve	\$4,000,000	0	0.0%		
	\$3,000	0	0.0%		
	\$3,000	400	0.0%	\$2,000	
	\$3,000	0	0.0%		
	\$3,000	0	0.0%		
	\$3,000	0	0.0%		
	\$3,000	0	0.0%		
STRATEGY 4					
	\$3,000	60,400	2.8%	\$40	Coming Soon
	\$3,000	93,200	4.3%	\$70.47	
	\$3,000	28,400	1.3%	\$5,986	
	\$3,000	2,200	0.1%	\$114	
	\$365,000	0	0.0%		
	\$4,500,000	0	0.0%		
STRATEGY 5					
Parking Rates	\$4,500,000	0	0.0%		Coming Soon
Year Round Composting	\$26,000,000	400	0.1%	\$65,000	
Expand Commercial Recycling	\$18,400,000	5,600	0.3%	\$3,286	
Sustainable Material Use and Reuse	\$270,000	0	0.0%		
Circular Economy	\$270,000	0	0.0%		
Plant-Based Diets	\$208,400	0	0.0%		
Refrigerant Recycling	\$179,400	0	0.0%		
STRATEGY 6					
Resilience Hubs	\$5,025,000	2,500	0.1%	\$2,010	Coming Soon
Neighborhood and Youth Ambassadors	\$350,000	0	0.0%		
Tree Canopy	\$1,160,000	450	0.0%	\$2,578	
Neighborhood Asset Mapping	\$300,000	0	0.0%		
Emergency Kits	\$350,000	0	0.0%		
Emergency Data Monitoring	\$300,000	0	0.0%		
Emergency Preparedness	\$200,000	0	0.1%		
STRATEGY 7					
Green Procurement	\$1,000,000	0	0.0%		Coming Soon
Green Procurement	\$75,000	0	0.0%		
Green Procurement	\$75,000	0	0.0%		
STRATEGY 8					
Offset	\$9,440,000	298,500	13.6%	\$32	
Total	\$1,096,403,800	2,168,950	100.0%		

Resilience Hubs



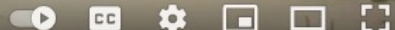


YouTube

Search



0:30 / 5:25 • Introduction >

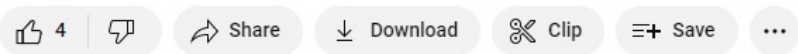


What is a Resiliency Hub?



CTN Ann Arbor
2.1K subscribers

Subscribe



https://www.youtube.com/watch?v=_bix1TNSVPM



Next Resilience Hubs

Bryant Neighborhood

Goals:

- First fully decarbonized existing neighborhood in Ann Arbor (Midwest, and possibly US).
- Designed by the community for the community
- Openly exploring and co-design solutions, including tensions related to green gentrification



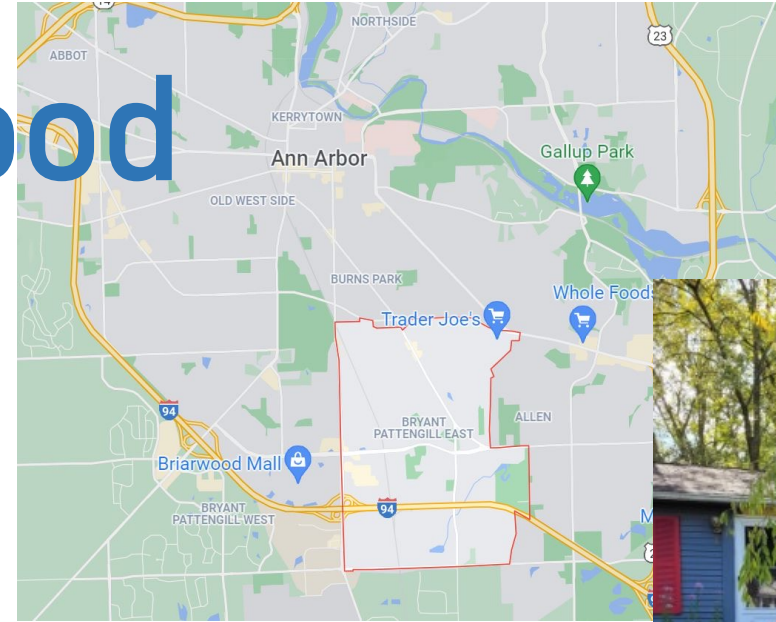
Why the Bryant Neighborhood?

- Frontline community with historic under-investment
 - Over 50% POC
 - 75% low-income
 - Ave energy costs \$1300-1800/yr.
 - 1/3 classified as "energy cost burdened"
- 260 homes built in 1950's, half owner-occupied and half renters
- Community Action Network (CAN) neighborhood center actively engaged in neighborhood and partnering with A²ZERO
- Leadership from within the community

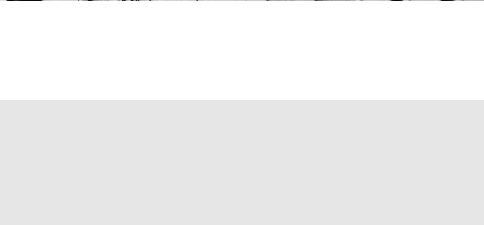


Bryant Neighborhood

- Completed 40+ assessments
- Installed solar on 2 homes
- Installed air quality monitor
- Planted a food forest
- Planted trees on residential property
- Host regular events
- Community center becoming resilience hub
- Residents help hire OSI staff
- OSI staff member works from Center
- Won grant to start improvements in 19 homes!
- Just won grant to design a community/district geothermal system for neighborhood



This is what resilience work looks like





Thank you

Missy Stults

mstults@a2gov.org

