



# SUSTAINABLE CLEVELAND

TOGETHER, WE'RE BUILDING A THRIVING  
GREEN CITY ON A BLUE LAKE









A group of people are gathered around a table, working together on a project. The scene is overlaid with a yellow tint. In the foreground, a woman with long dark hair and a man with glasses and a beard are leaning over the table, looking at a large sheet of paper. The man is pointing at something on the paper. In the background, other people are visible, also working at tables. The overall atmosphere is collaborative and focused.

OVER 700 PEOPLE CAME  
TOGETHER FOR THE FIRST  
TIME TO CREATE A VISION  
OF HOW INTENTIONAL,  
FOCUSED CLIMATE ACTION  
COULD MAKE CLEVELAND  
A “GREEN CITY ON A BLUE  
LAKE”





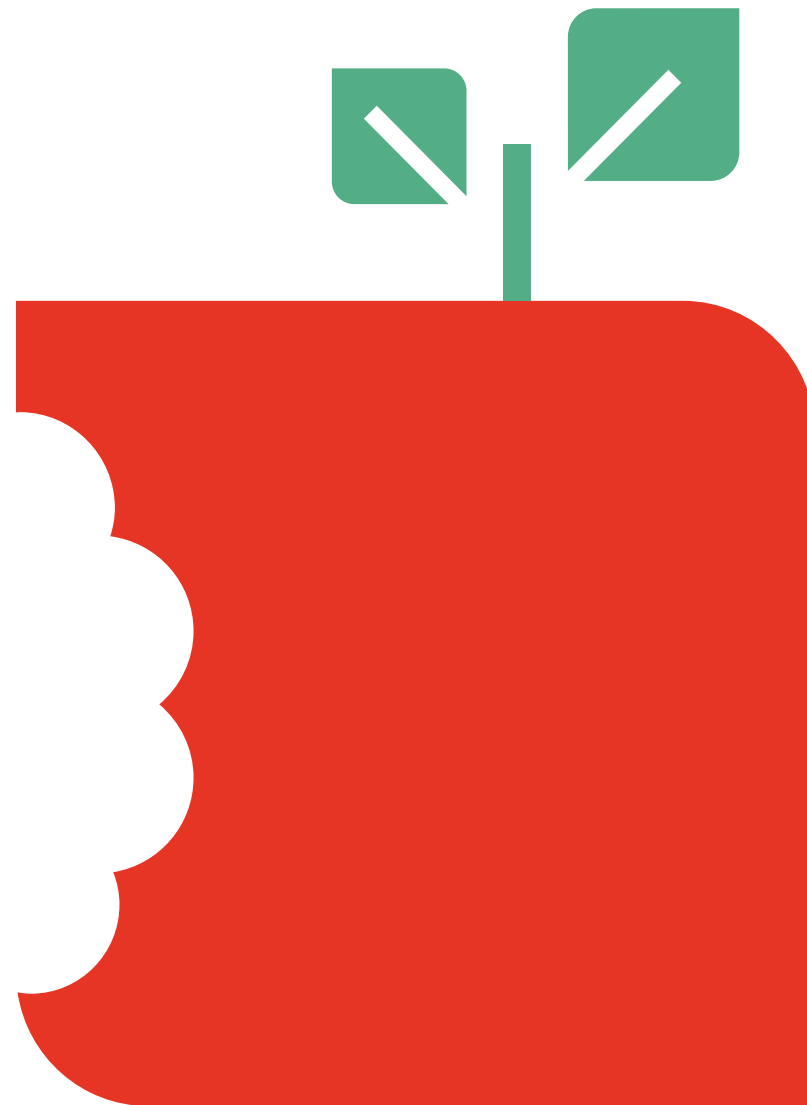




2011

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**ENERGY EFFICIENCY**



2012

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**LOCAL FOODS**



**2013**

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**ADVANCED AND  
RENEWABLE  
ENERGY RESOURCES**





**2014**

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**ZERO WASTE**

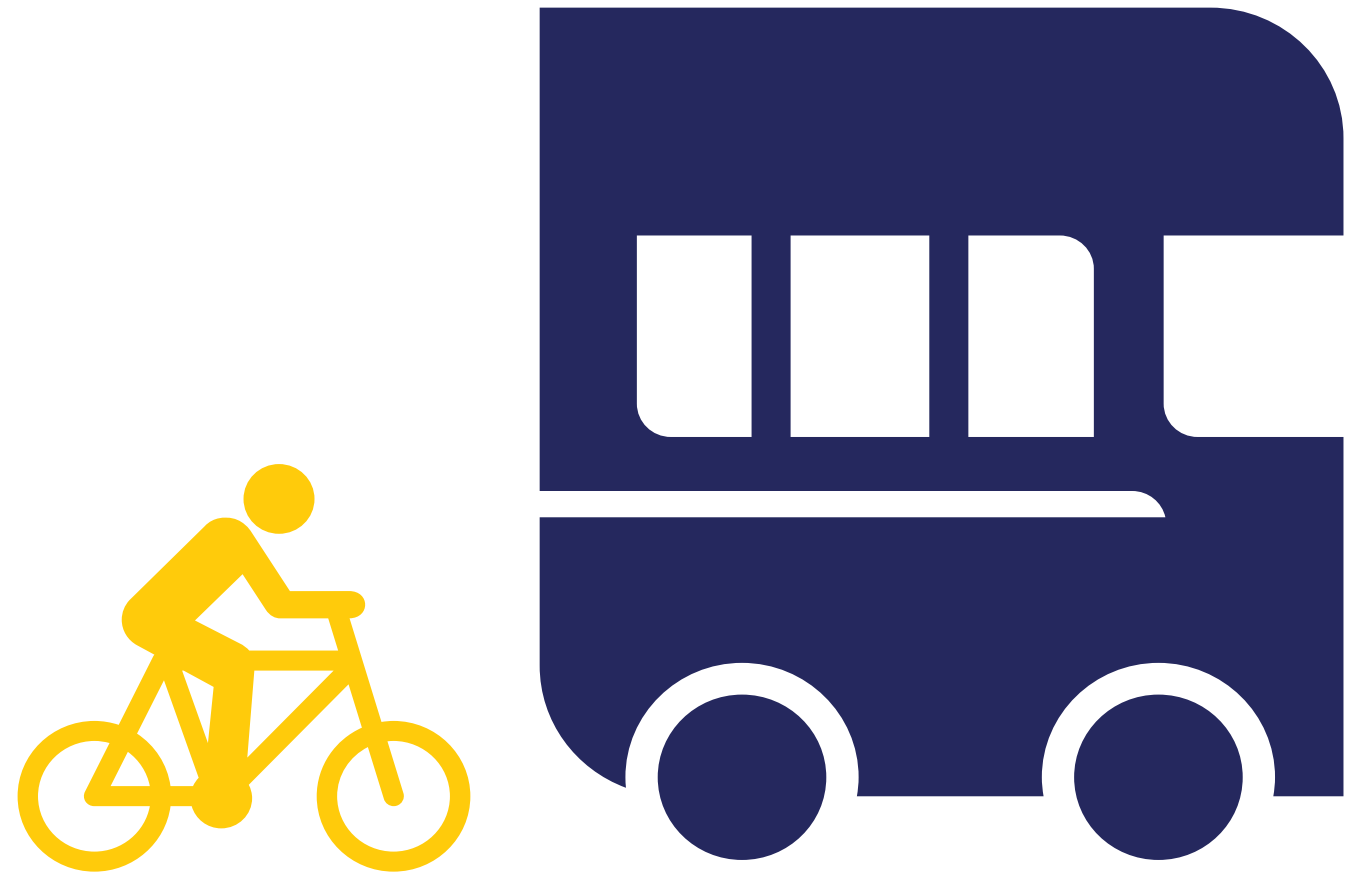


**2015**

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**CLEAN WATER**





**2016**

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**SUSTAINABLE  
TRANSPORTATION**



**2017**

**VIBRANT GREEN SPACES**





2018

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**VITAL NEIGHBORHOODS**



2019



PEOPLE









**2013 CLIMATE ACTION GOAL:  
REDUCING GREENHOUSE GAS  
EMISSIONS BY 80% OVER A  
2010 BASELINE BY 2050.**





## 2018 CLIMATE ACTION PLAN UPDATE

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- Developed with help from approximately 400 people
- Expanded to include benefits of climate action beyond emissions
- Embedded equity in our climate action





**SINCE 2009, OVER 6,000  
RESIDENTIAL UNITS HAVE  
MET THE CITY'S GREEN  
BUILDING STANDARDS**







# RENEWABLE ENERGY





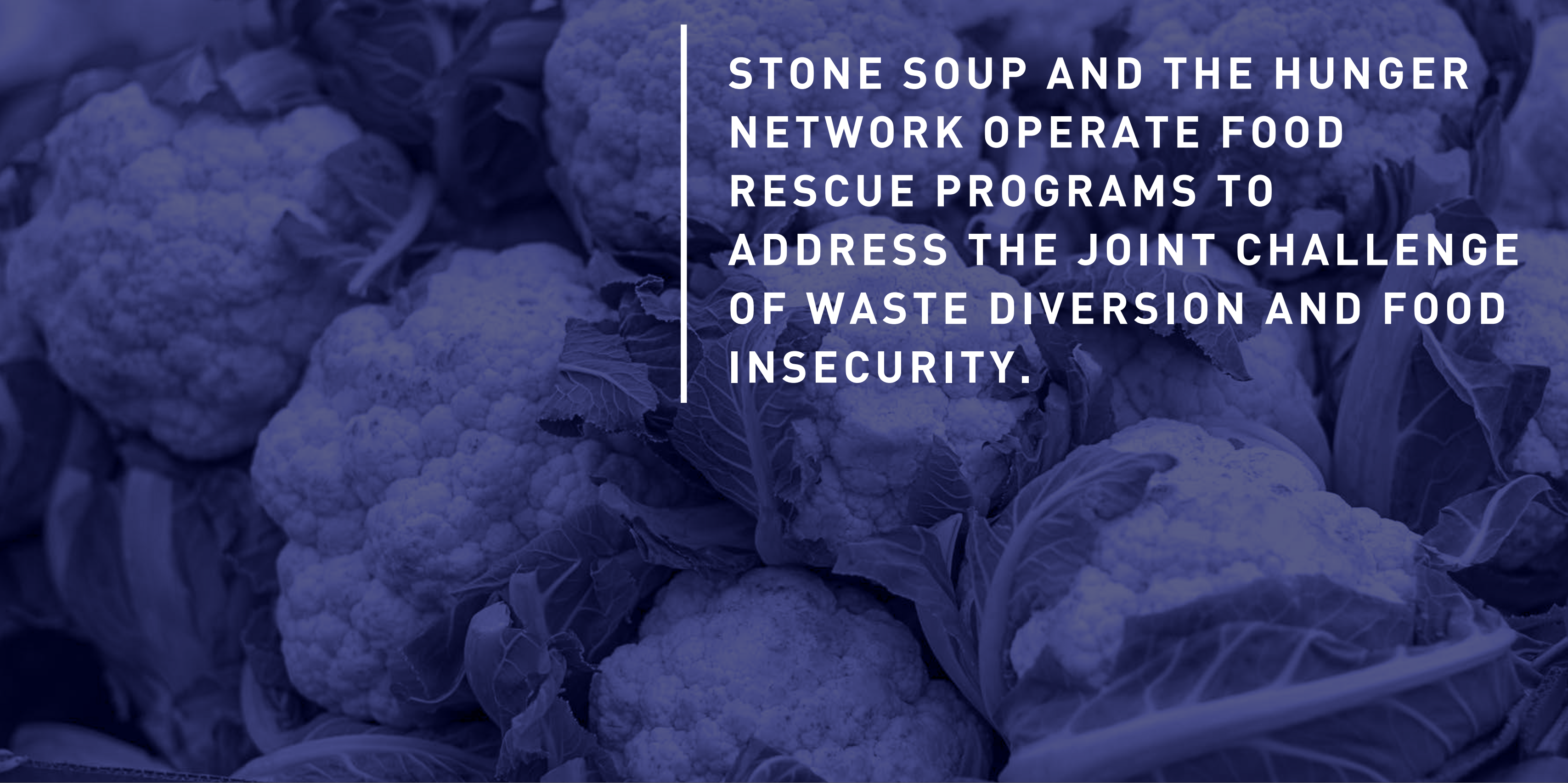






**RUST BELT RIDERS HAVE  
DIVERTED MORE THAN  
4 MILLION POUNDS OF  
FOOD WASTE**





**STONE SOUP AND THE HUNGER  
NETWORK OPERATE FOOD  
RESCUE PROGRAMS TO  
ADDRESS THE JOINT CHALLENGE  
OF WASTE DIVERSION AND FOOD  
INSECURITY.**















A photograph of two men playing chess on a wooden picnic table in a park. The man on the left is wearing a blue t-shirt and a black visor, while the man on the right is wearing a patterned shirt and a brown hat. They are sitting on wooden benches. In the background, there is a body of water, a sandy beach, and some trees. A few other people can be seen in the distance. The text "GOAL: 100% OF OUR RESIDENTS' ACCESS TO A PARK WITHIN A 10-MINUTE WALK" is overlaid on the left side of the image.

**GOAL:  
100% OF OUR RESIDENTS'  
ACCESS TO A PARK  
WITHIN A 10-MINUTE  
WALK**





**83% OF CLEVELANDERS  
ARE WITHIN A 10-MINUTE  
WALK OF A PARK**













NEIGHBORHOOD  
CONNECTIONS

**NEIGHBORHOOD CONNECTIONS  
HAS AWARDED OVER \$8 MILLION  
OF GRANTS – MANY OF THEM  
SUSTAINABILITY RELATED  
INCLUDING THE CLEVELAND  
CLIMATE ACTION FUND.**





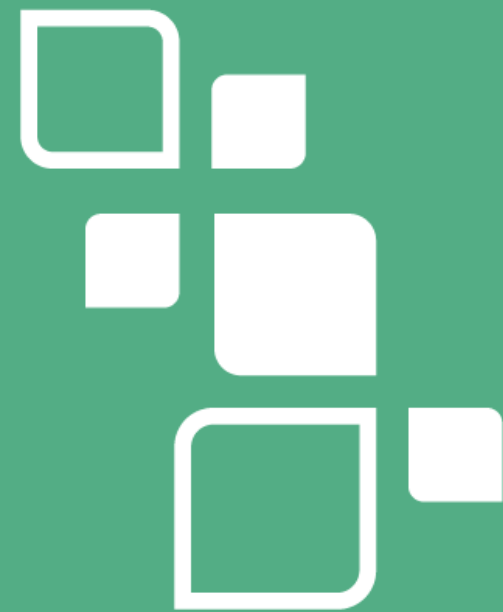












# LEED CERTIFICATION



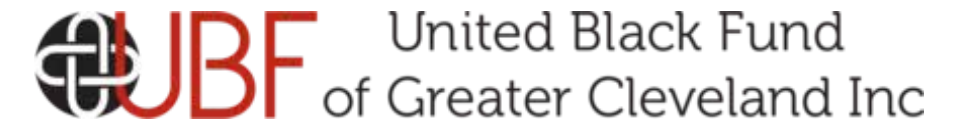


CLEVELAND IS A  
LEED SILVER  
CERTIFIED CITY!



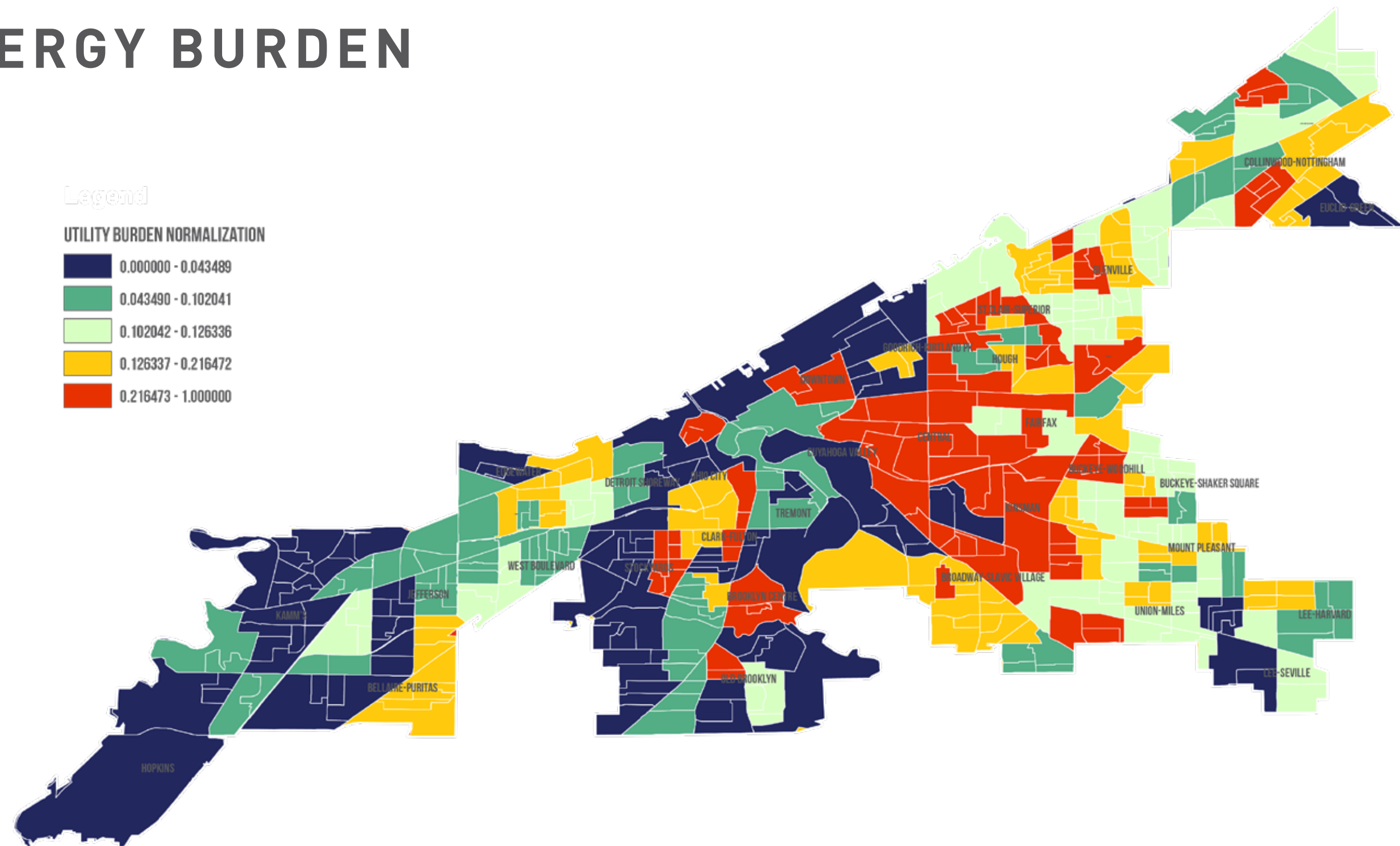








# ENERGY BURDEN







## IMPACT OF CLEAN ENERGY

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- Cut energy burden in half
- Create up to 5,000 new jobs and more than \$1.5 billion of new income
- Save nearly \$250 million in avoided health incidents






RECYCLE  
CLEVELAND

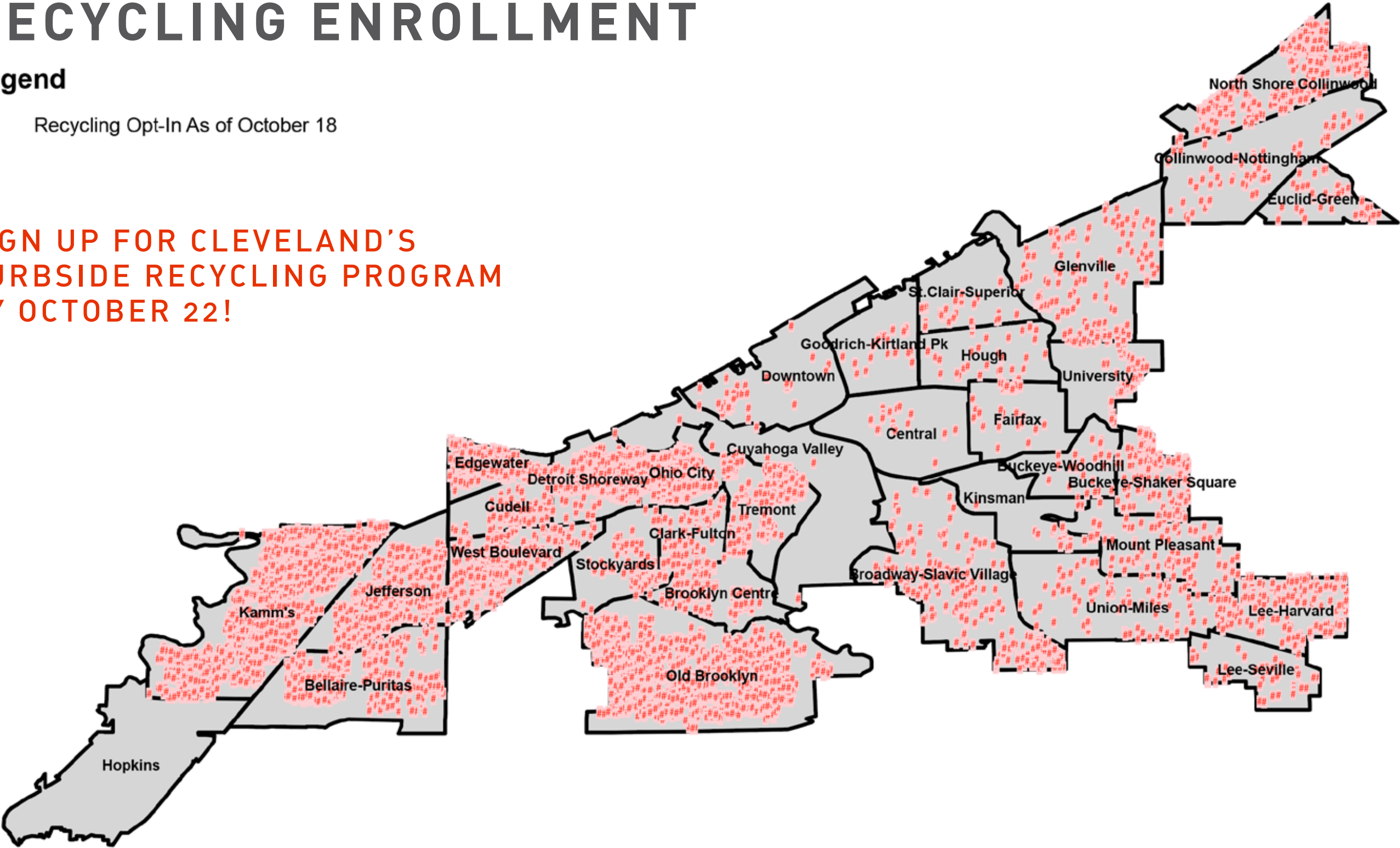


# RECYCLING ENROLLMENT

## Legend

 Recycling Opt-In As of October 18

SIGN UP FOR CLEVELAND'S  
CURBSIDE RECYCLING PROGRAM  
BY OCTOBER 22!







**CITY OF CLEVELAND**  
Mayor Frank G. Jackson



**ELLEN MACARTHUR  
FOUNDATION**



Robert Wood Johnson Foundation



NEIGHBORHOOD  
CONNECTIONS

Cleveland  
Neighborhood  
Progress







# CIRCULAR IMPLEMENTATION FUNDING

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- \$60,000 to launch a composting program at the Westside Market
- \$75,000 for neighbor-level, community led projects
- \$100,000 of small business loans





## \$40,000 IN MICROGRANTS AWARDED TO 14 AREA PROJECTS





## EFFECT OF CIRCULARITY

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- More circular
- More environmentally sustainable
- Healthier communities and neighborhoods
- Economic opportunity and wealth for all of our residents.





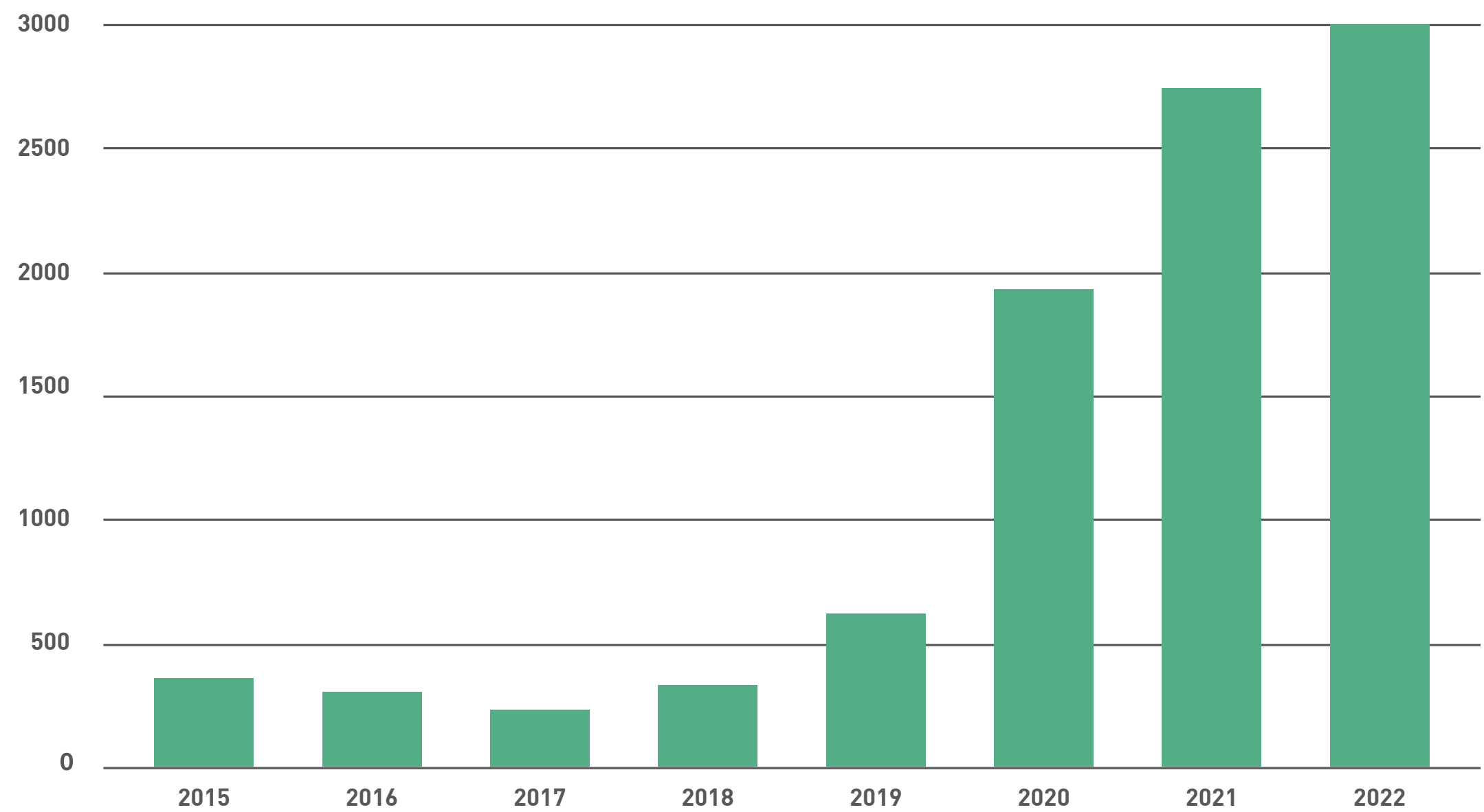
## CLARK PARK

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- \$700,000 grant secured in conjunction with the Trust for Public Land to support the development of a new Clark Park
- New engagement model to build community asset that is aligned with community needs

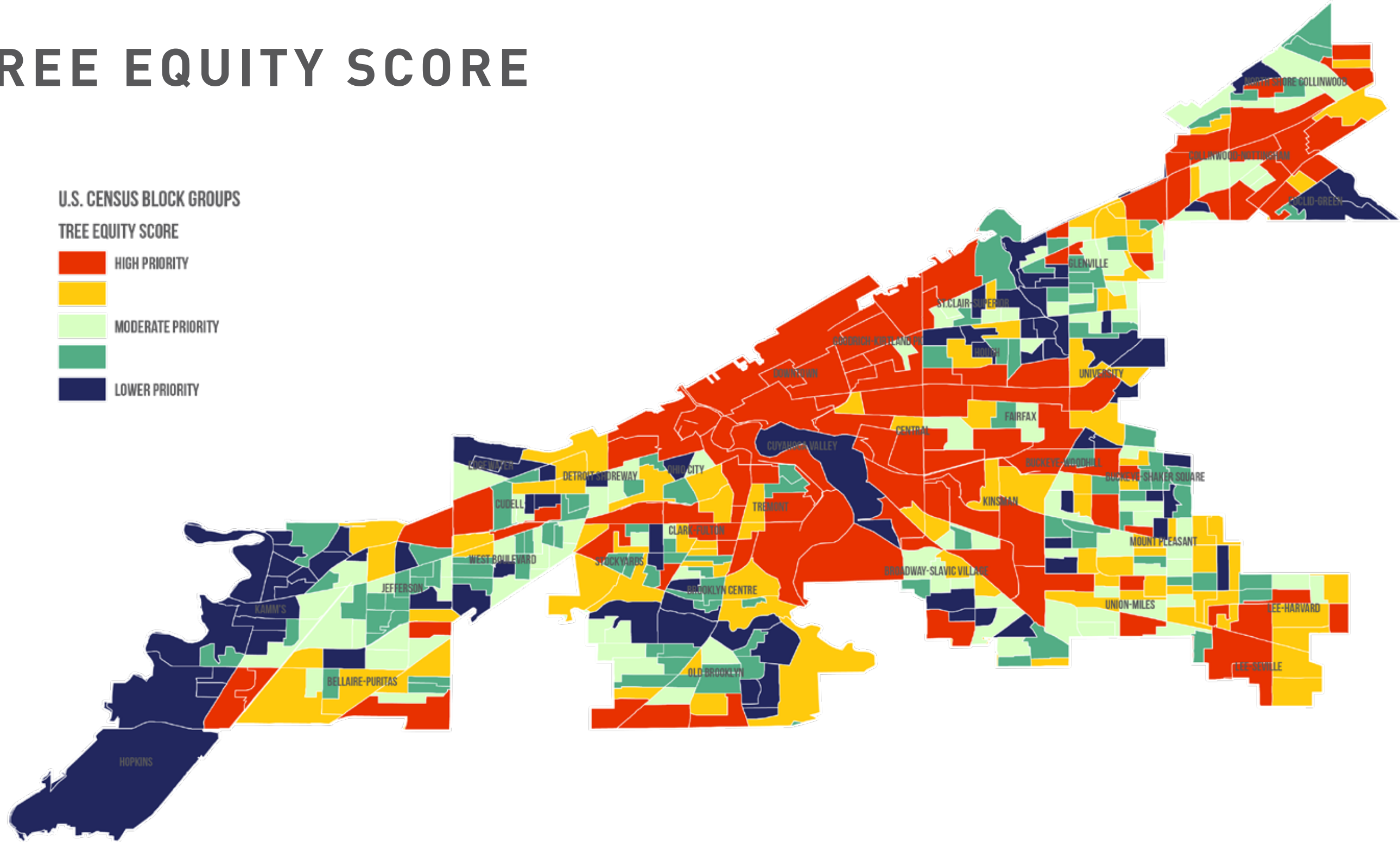


# CITY OF CLEVELAND TREES PLANTED






# TREE EQUITY SCORE







**100% OF THE CITY'S  
LIGHT DUTY AND  
PASSENGER VEHICLES  
WILL BE ELECTRIC BY  
2035**

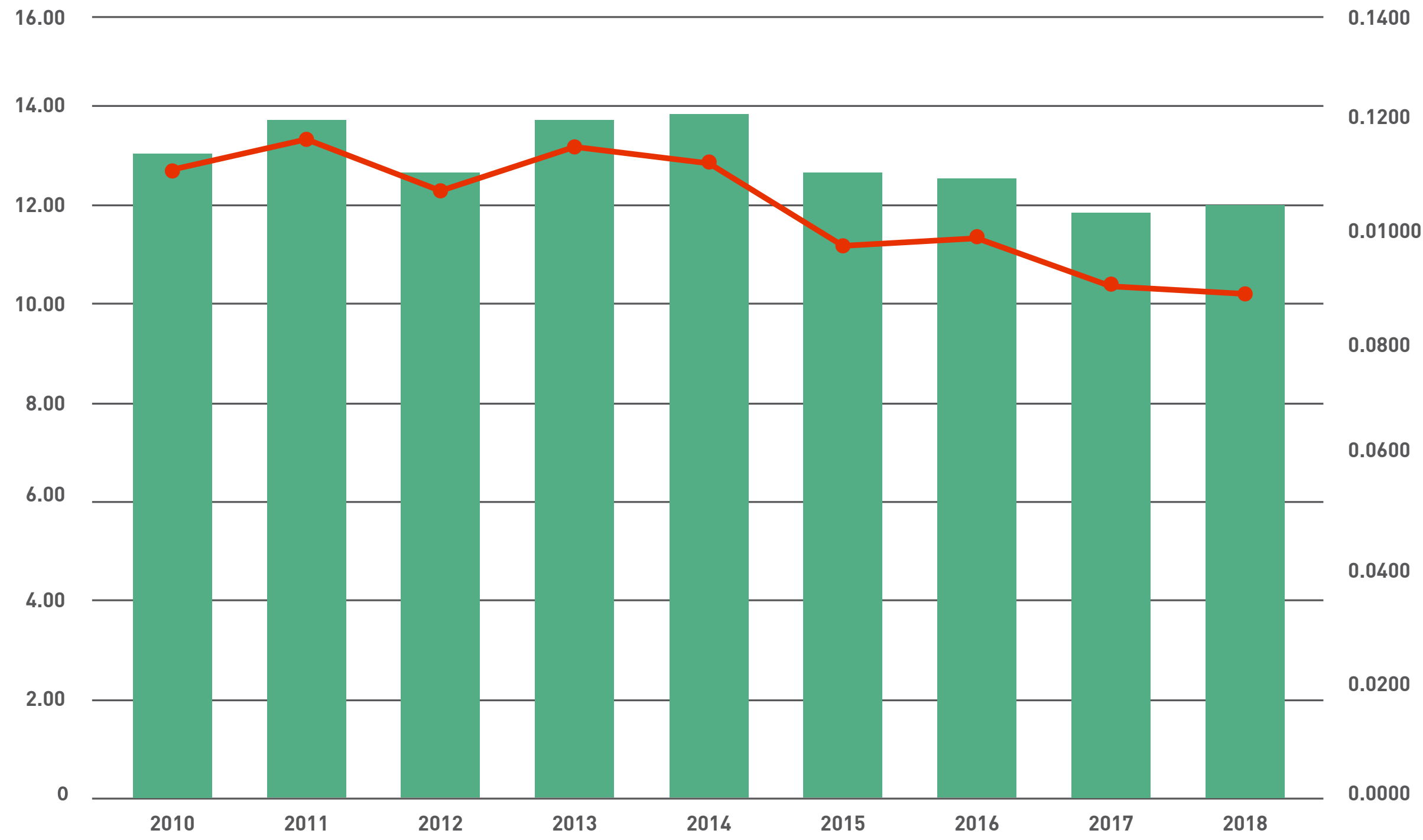




# THE FUTURE



# EMISSIONS



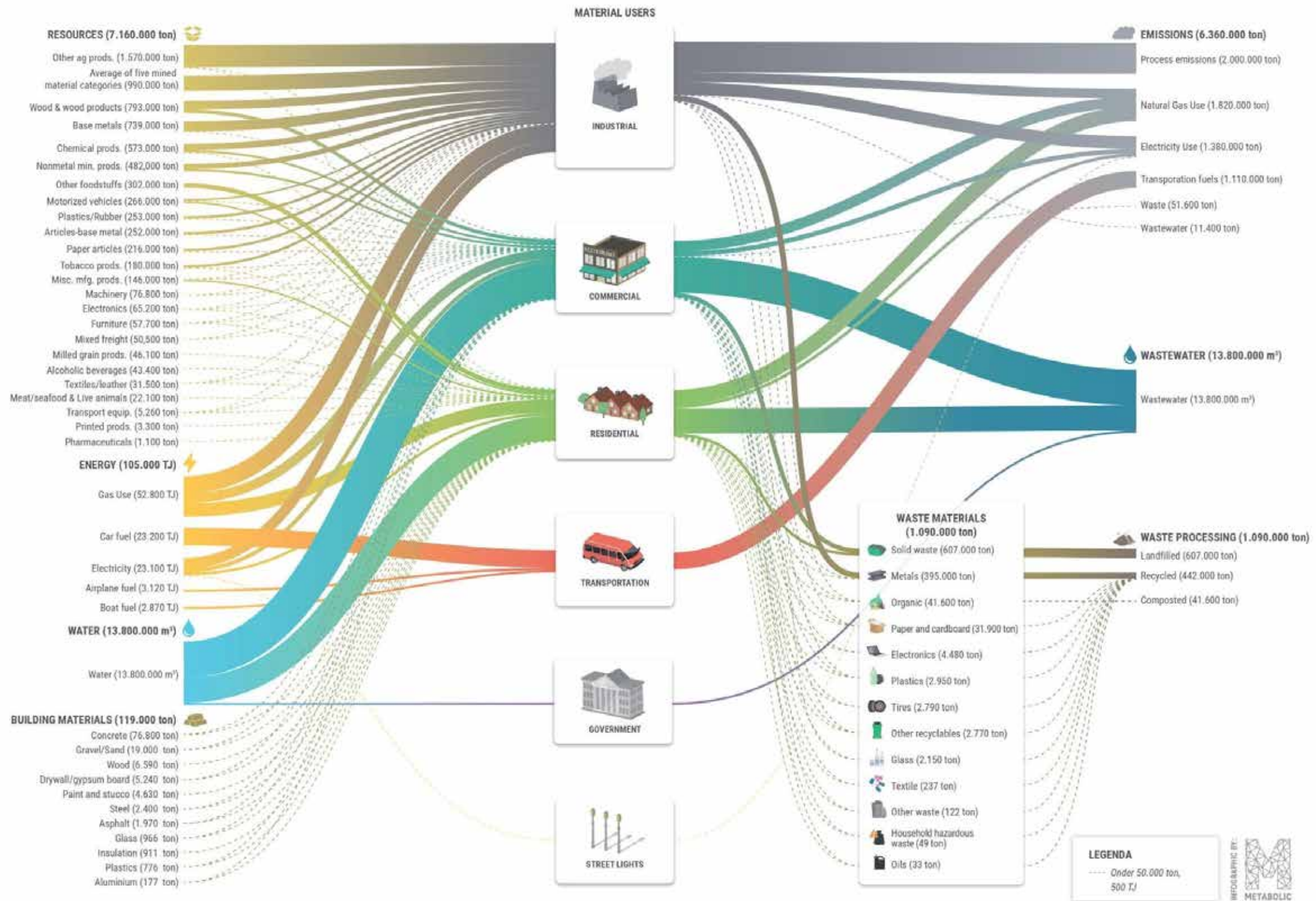
















## LEED for Cities and Communities: Existing

Project Checklist

Y ? N

Cities Communities

	0	0	0	<b>INTEGRATIVE PROCESS</b>	POSSIBLE: 5	POSSIBLE: 5
				Credit Integrative Planning and Leadership	1	1
				Credit Green Building Policy and Incentives	4	4
	0	0	0	<b>NATURAL SYSTEMS AND ECOLOGY</b>	POSSIBLE: 9	POSSIBLE: 9
				Prereq Ecosystem Assessment	REQUIRED	REQUIRED
				Credit Green Spaces	2	2
				Credit Natural Resources Conservation and Restoration	2	2
				Credit Light Pollution Reduction	1	1
				Credit Resilience Planning	4	4
	0	0	0	<b>TRANSPORTATION AND LAND USE</b>	POSSIBLE: 15	POSSIBLE: 15
				Prereq Transportation Performance	6	6
				Credit Compact, Mixed Use and Transit Oriented Development	2	2
				Credit Access to Quality Transit	1	1
				Credit Alternative Fuel Vehicles	2	2
				Credit Smart Mobility and Transportation Policy	2	2
				Credit High-Priority Site	2	2
	0	0	0	<b>WATER EFFICIENCY</b>	POSSIBLE: 11	POSSIBLE: 11
				Prereq Water Access and Quality	REQUIRED	REQUIRED
				Prereq Water Performance	6	6
				Credit Integrated Water Management	1	1
				Credit Stormwater Management	2	2
				Credit Smart Water Systems	2	2
	0	0	0	<b>ENERGY AND GREENHOUSE GAS EMISSIONS</b>	POSSIBLE: 30	POSSIBLE: 30
				Prereq Power Access, Reliability and Resiliency	REQUIRED	REQUIRED
				Prereq Energy and Greenhouse Gas Emissions Performance	14	18
				Credit Energy Efficiency	4	4
				Credit Renewable Energy	6	6
				Credit Low Carbon Economy	4	-
				Credit Grid Harmonization	2	2

Project Name

Project ID

Date

Y ? N

Cities Communities

	0	0	0	<b>MATERIALS AND RESOURCES</b>	POSSIBLE: 10	POSSIBLE: 10
				Prereq Solid Waste Management	REQUIRED	REQUIRED
				Prereq Waste Performance	4	5
				Credit Special Waste Streams Management	1	1
				Credit Responsible Sourcing for Infrastructure	2	2
				Credit Material Recovery	1	-
				Credit Smart Waste Management Systems	2	2
	0	0	0	<b>QUALITY OF LIFE</b>	POSSIBLE: 20	POSSIBLE: 20
				Prereq Demographic Assessment	REQUIRED	REQUIRED
				Prereq Quality of Life Performance	6	6
				Credit Trend Improvements	4	4
				Credit Distributional Equity	4	4
				Credit Environmental Justice	1	1
				Credit Housing and Transportation Affordability	2	2
				Credit Civic and Community Engagement	2	2
				Credit Civil and Human Rights	1	1
	0	0	0	<b>INNOVATION</b>	POSSIBLE: 6	POSSIBLE: 6
				Credit Innovation	6	6
	0	0	0	<b>REGIONAL PRIORITY</b>	POSSIBLE: 4	POSSIBLE: 4
				Credit Regional Priority	4	4

0	0	0	<b>TOTAL</b>	<b>110</b>	<b>110</b>
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40-49

50-59

60-79

80+ Points

CERTIFIED

SILVER

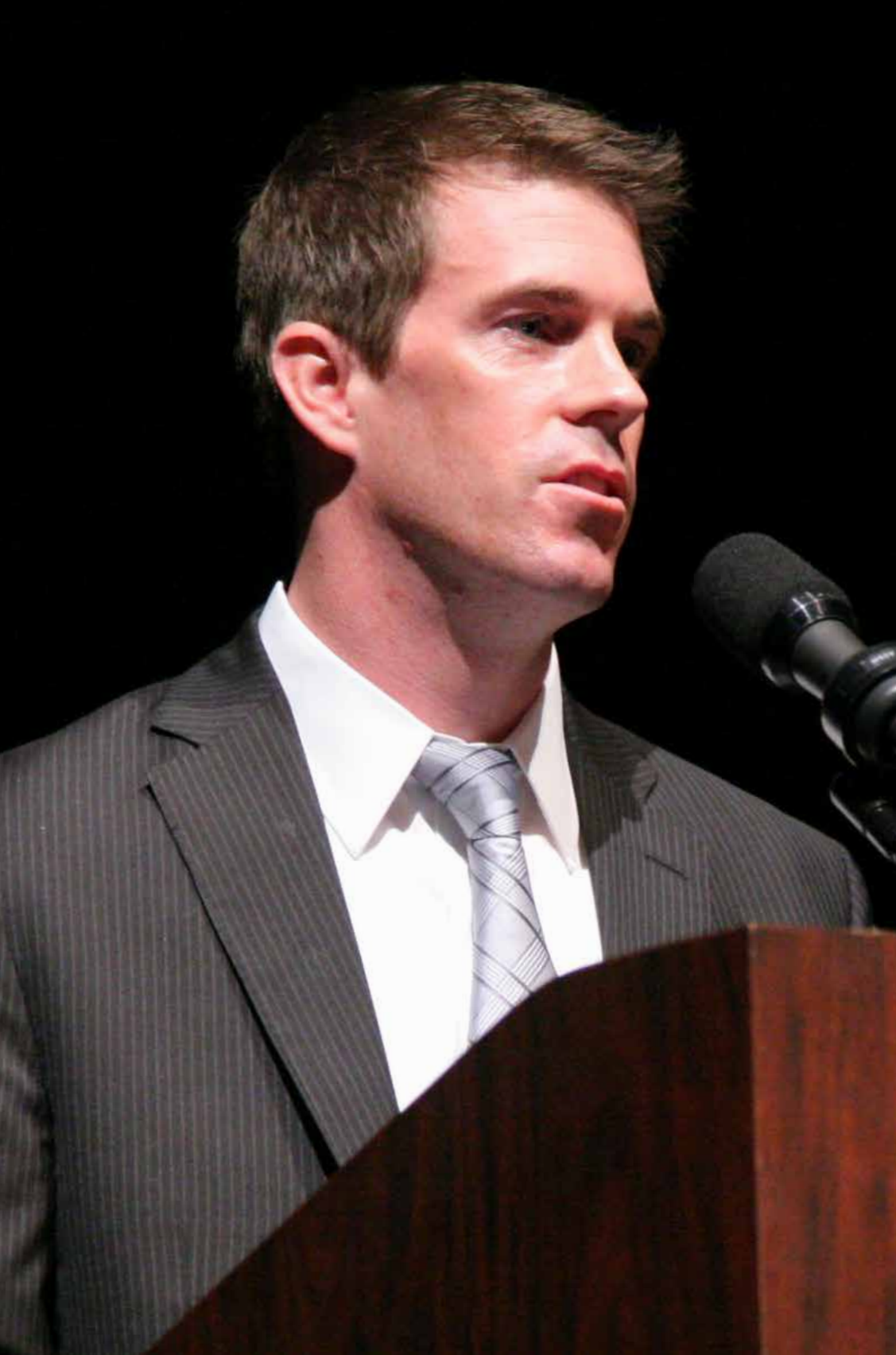
GOLD

PLATINUM

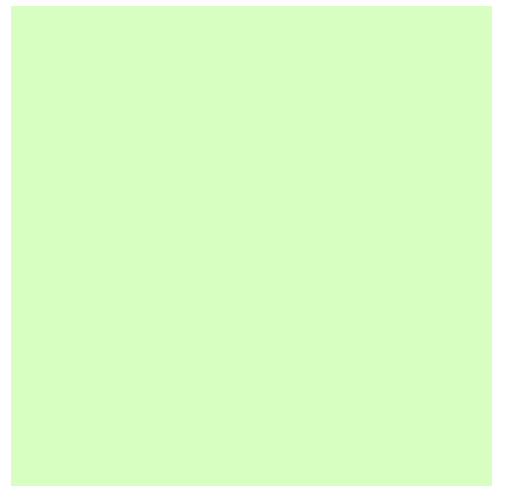




















 SustainableCleveland  SustainableCLE  SustainableCLE  Sustainable Cleveland