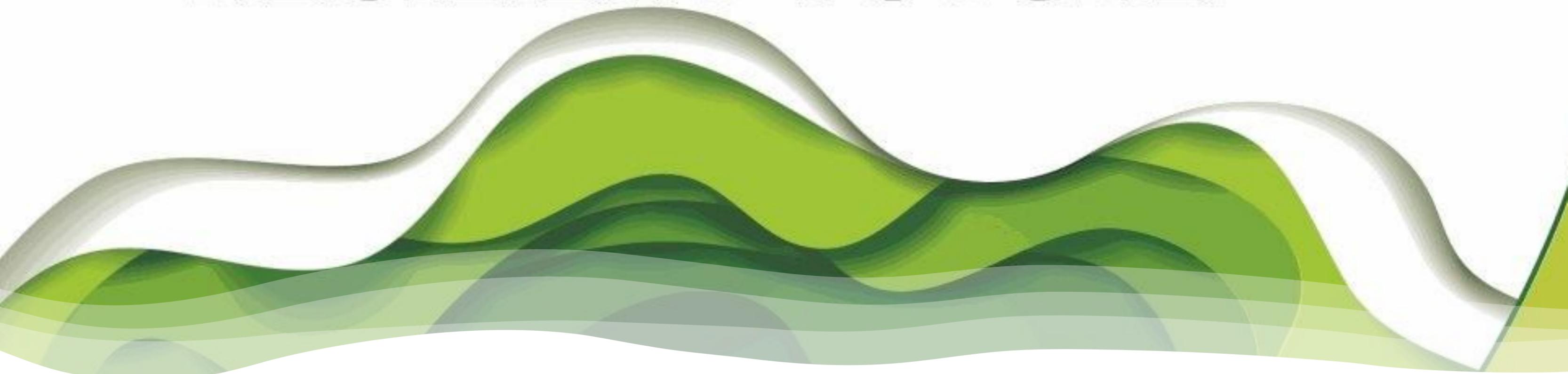


ACTIVATING AN

INNOVATIVE, SUSTAINABLE

AND **RESILIENT FUTURE**



Sustainability in Action

Commercial Real Estate LEED Showcase Panel



Sarah Boren (Moderator)
MEM, LEED AP BD+C & Homes
Director
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904-535-0055



Ashantae Green
Supervisor, Duval Soil & Water
Conservation District

Co-Founder, GreenLining Jax



Mary Tappouni
President
Breaking Ground Contracting

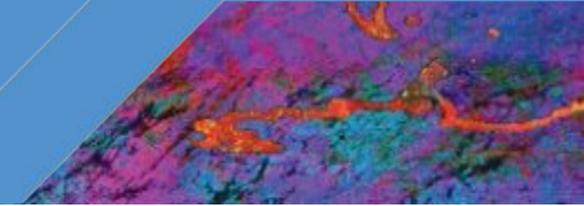


Amanda Askew
Director, Planning &
Community Development
City of Atlantic Beach

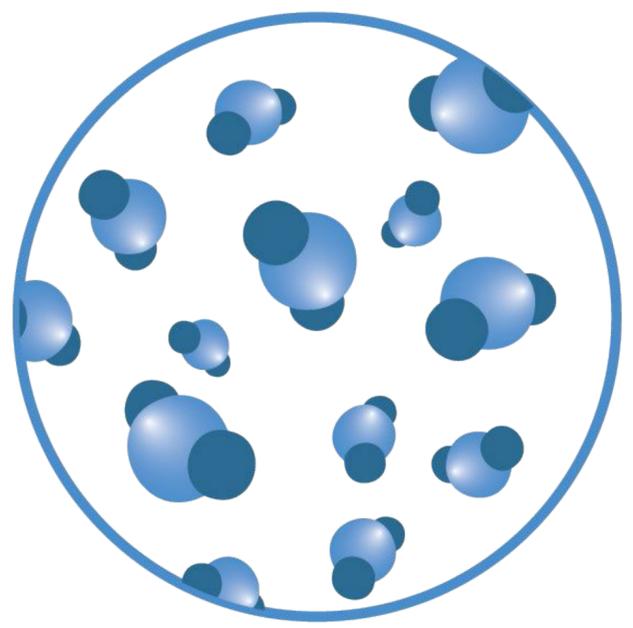


[Credit: NASA]

“Recent changes in the climate are widespread, rapid, and intensifying, and unprecedented in thousands of years.”



CO₂
concentration

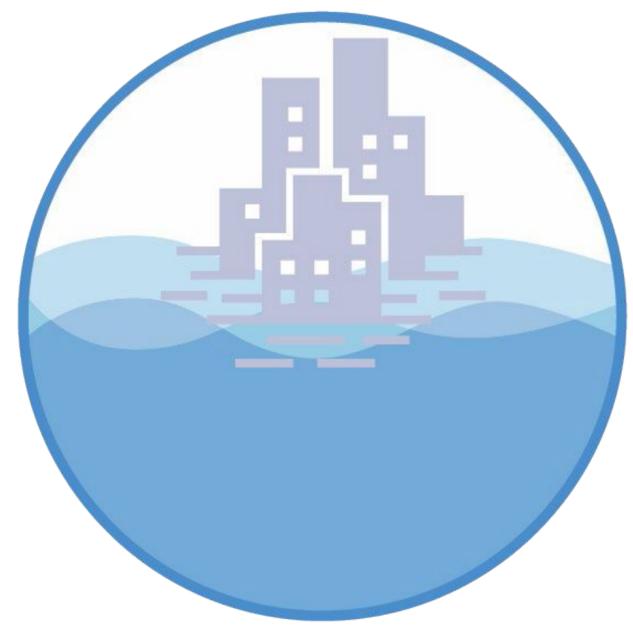


Highest

in at least

2 million years

Sea level
rise



Fastest rates

in at least

3000 years

Arctic sea ice
area



Lowest level

in at least

1000 years

Glaciers
retreat



Unprecedented

in at least

2000 years



Extreme heat

More frequent

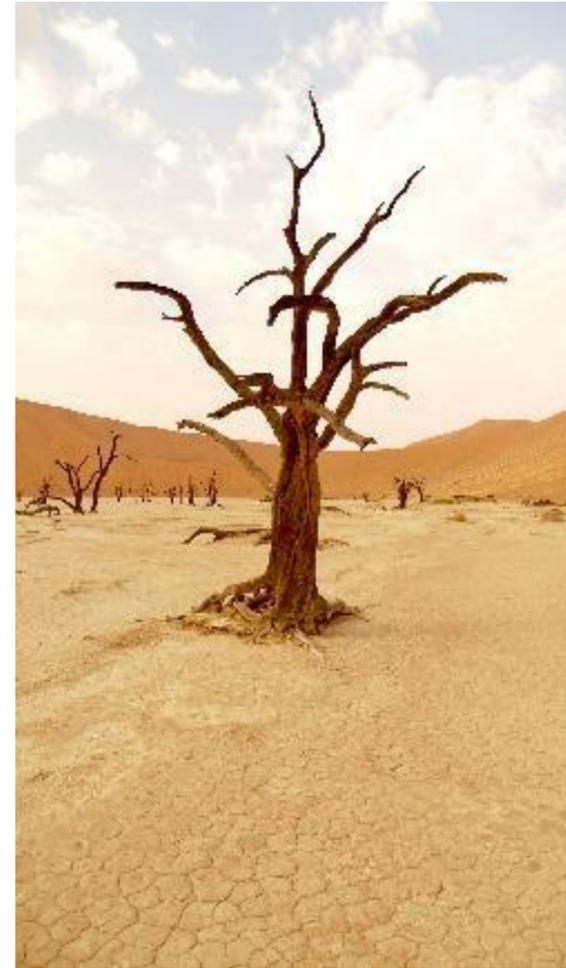
More intense



Heavy rainfall

More frequent

More intense



Drought

Increase in some
regions



Fire weather

More frequent



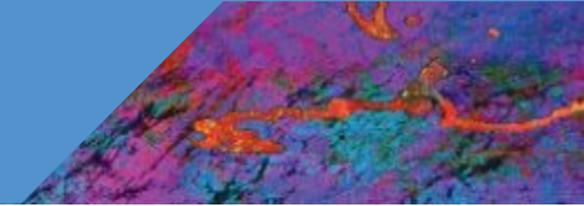
Ocean

Warming
Acidifying
Losing oxygen

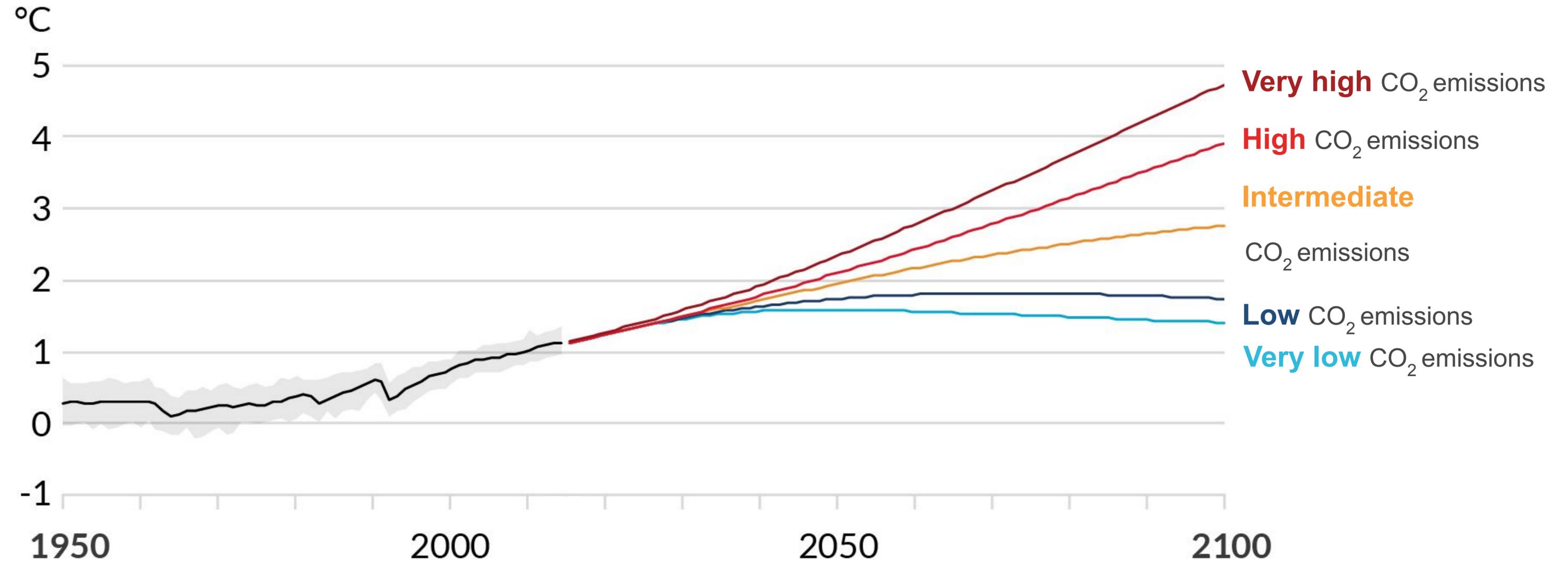


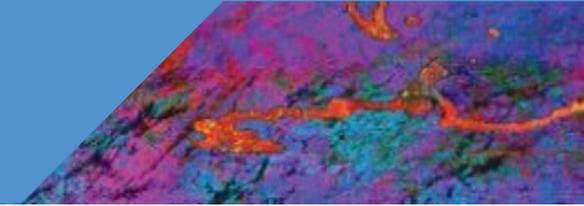
[Credit: Peter John Maridable]

“ Unless there are immediate, rapid, and large-scale reductions in greenhouse gas emissions, limiting warming to 1.5°C will be beyond reach.

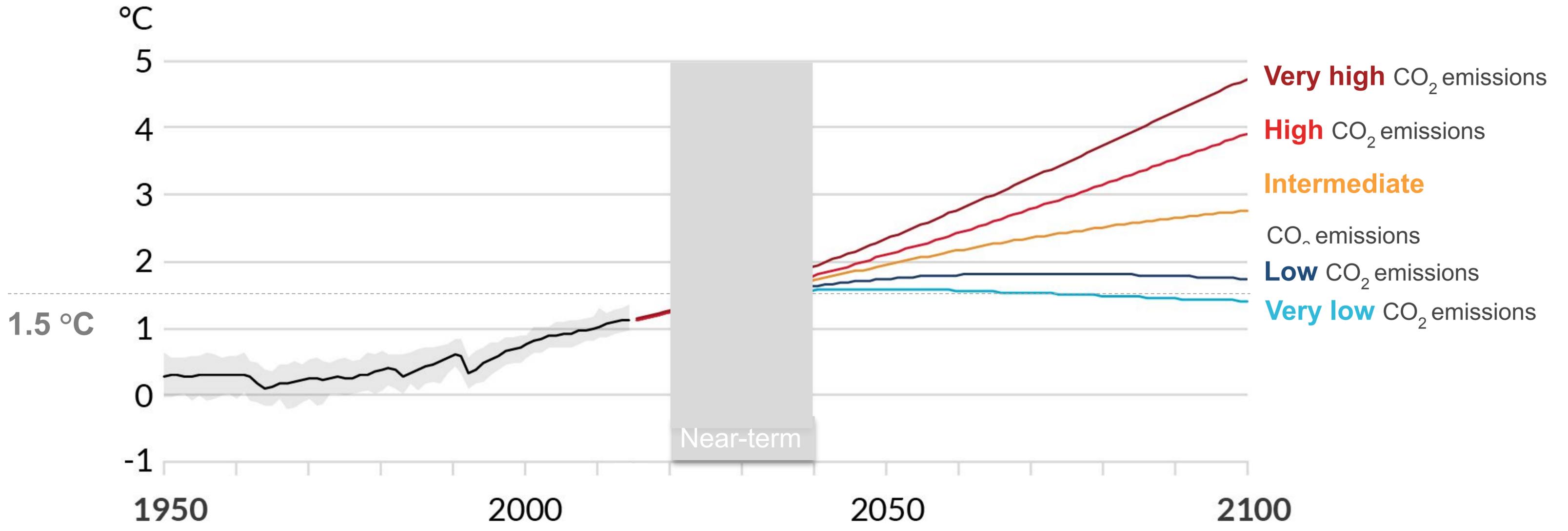


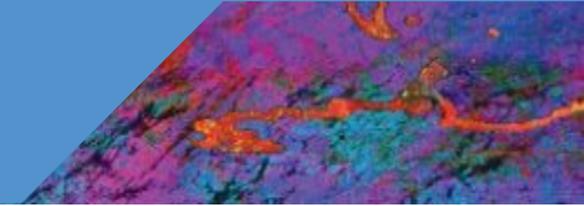
Future emissions cause future additional warming



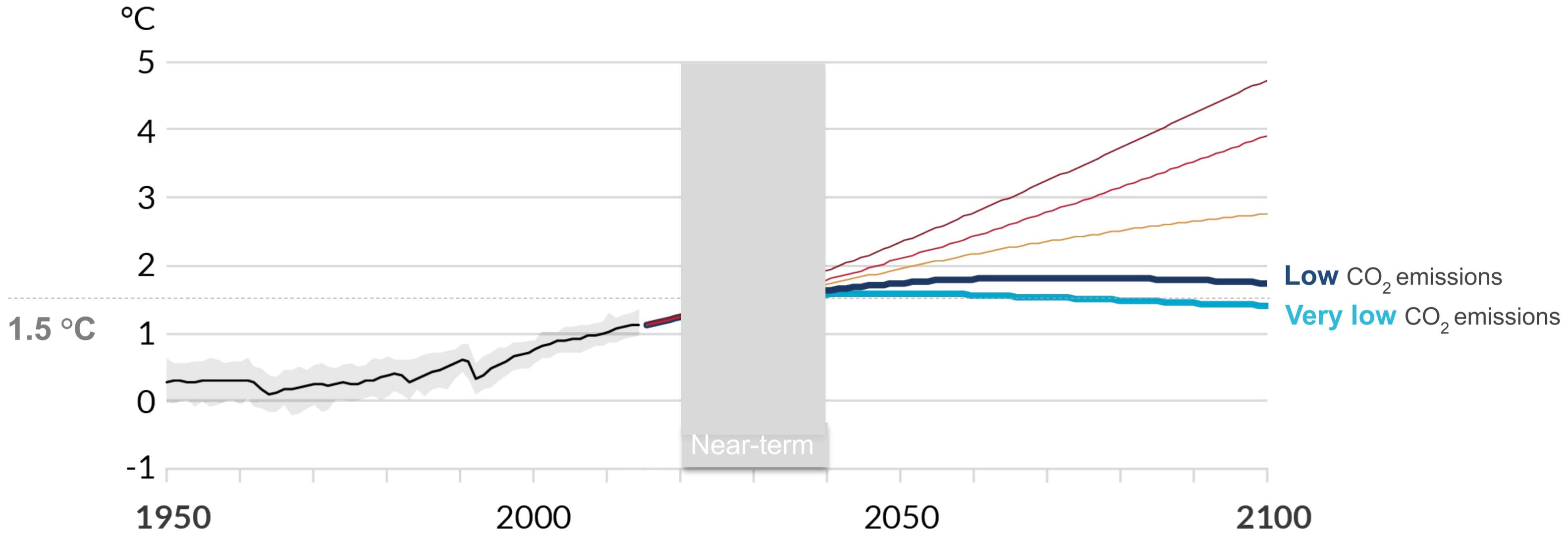


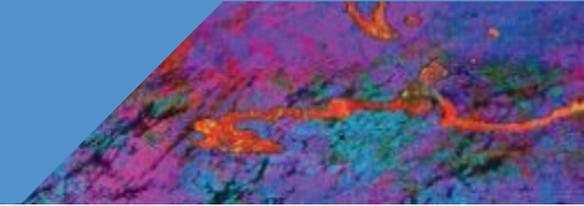
Future emissions cause future additional warming



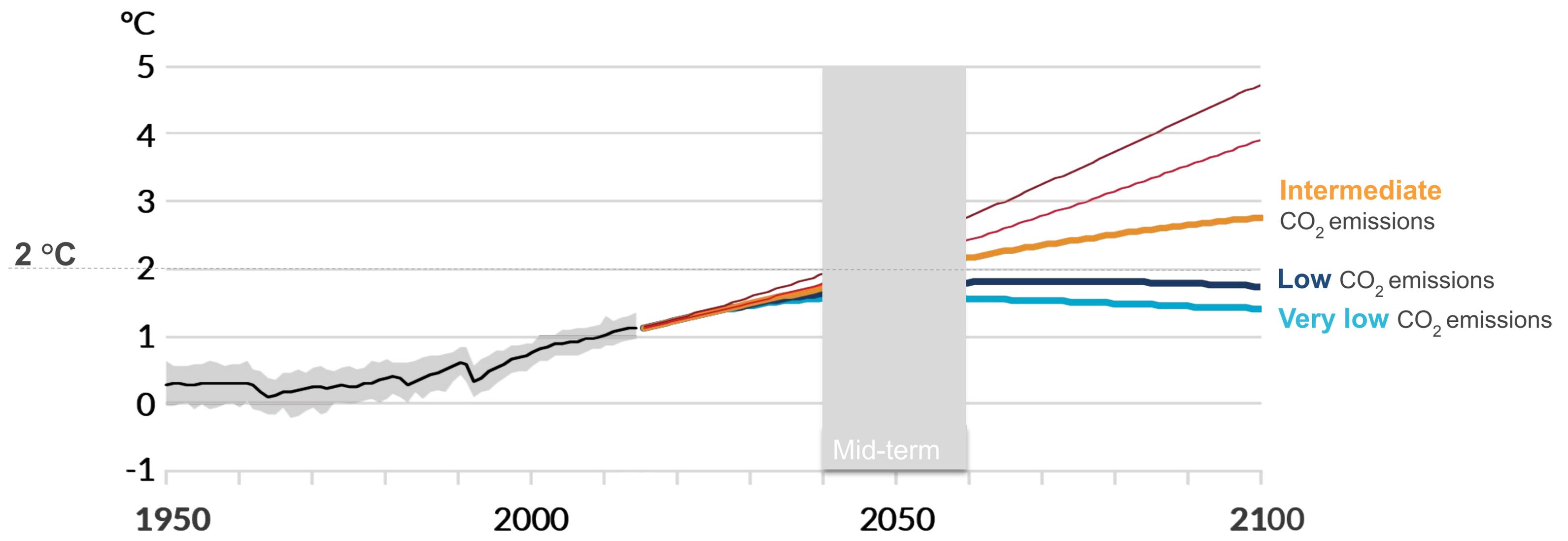


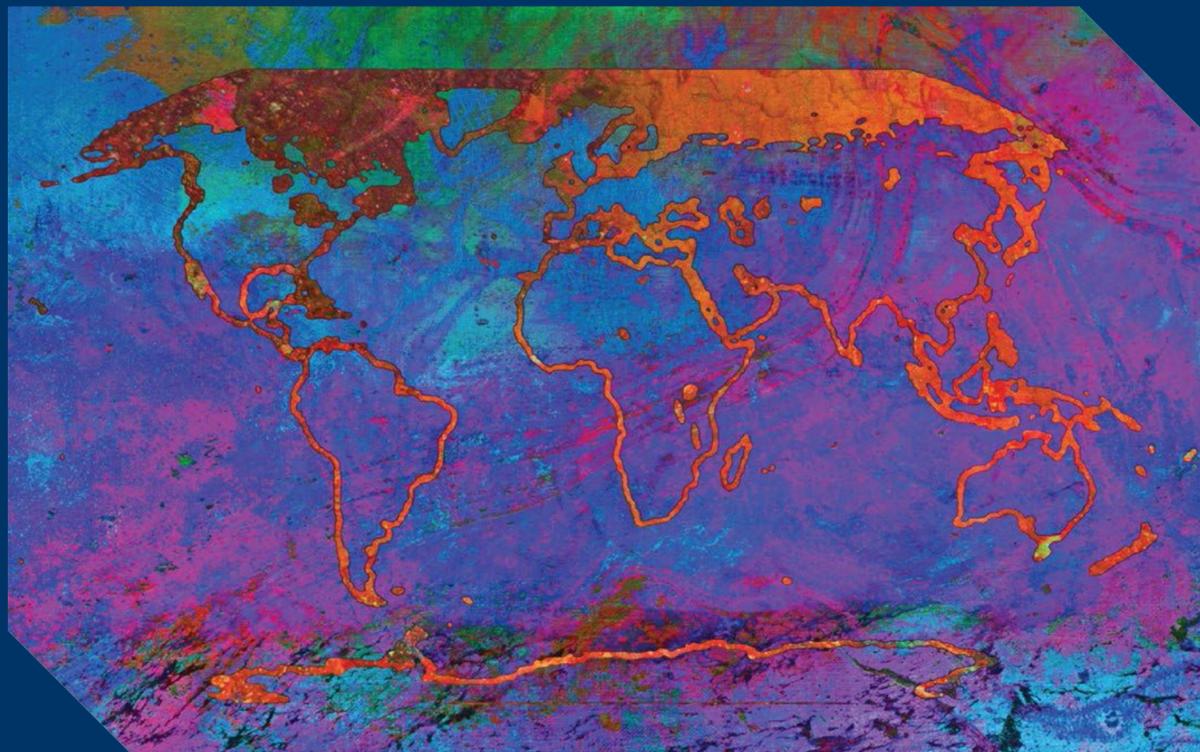
Future emissions cause future additional warming





Future emissions cause future additional warming





The climate we experience in the future depends on our decisions now.

ipcc

INTERGOVERNMENTAL PANEL ON climate change





USGBC is building a better future through green building.

The Bryant School Redevelopment | LEED Gold
Photo credit: Timothy Hursley | Architect: Croxton Collaborative Architects, PC

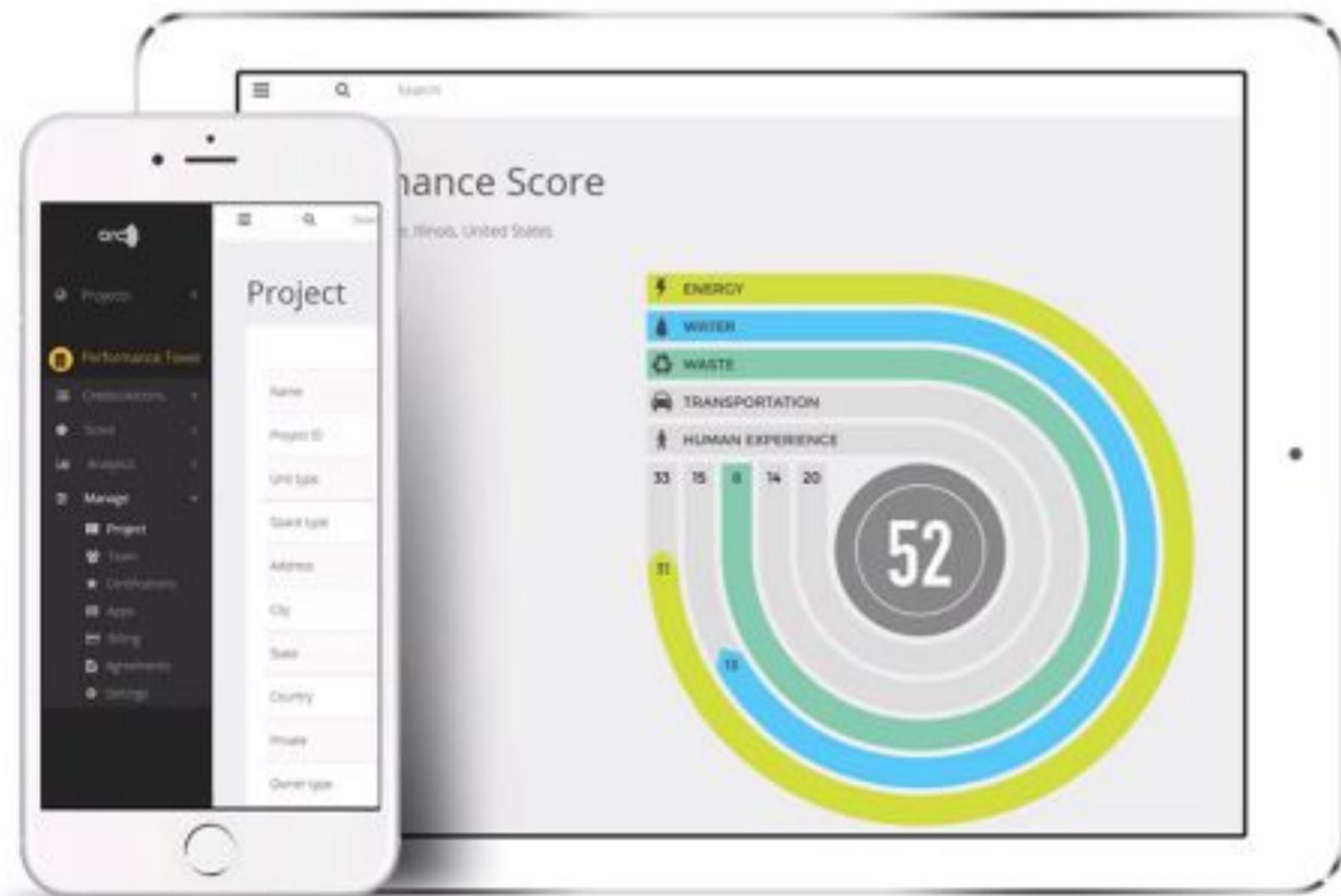


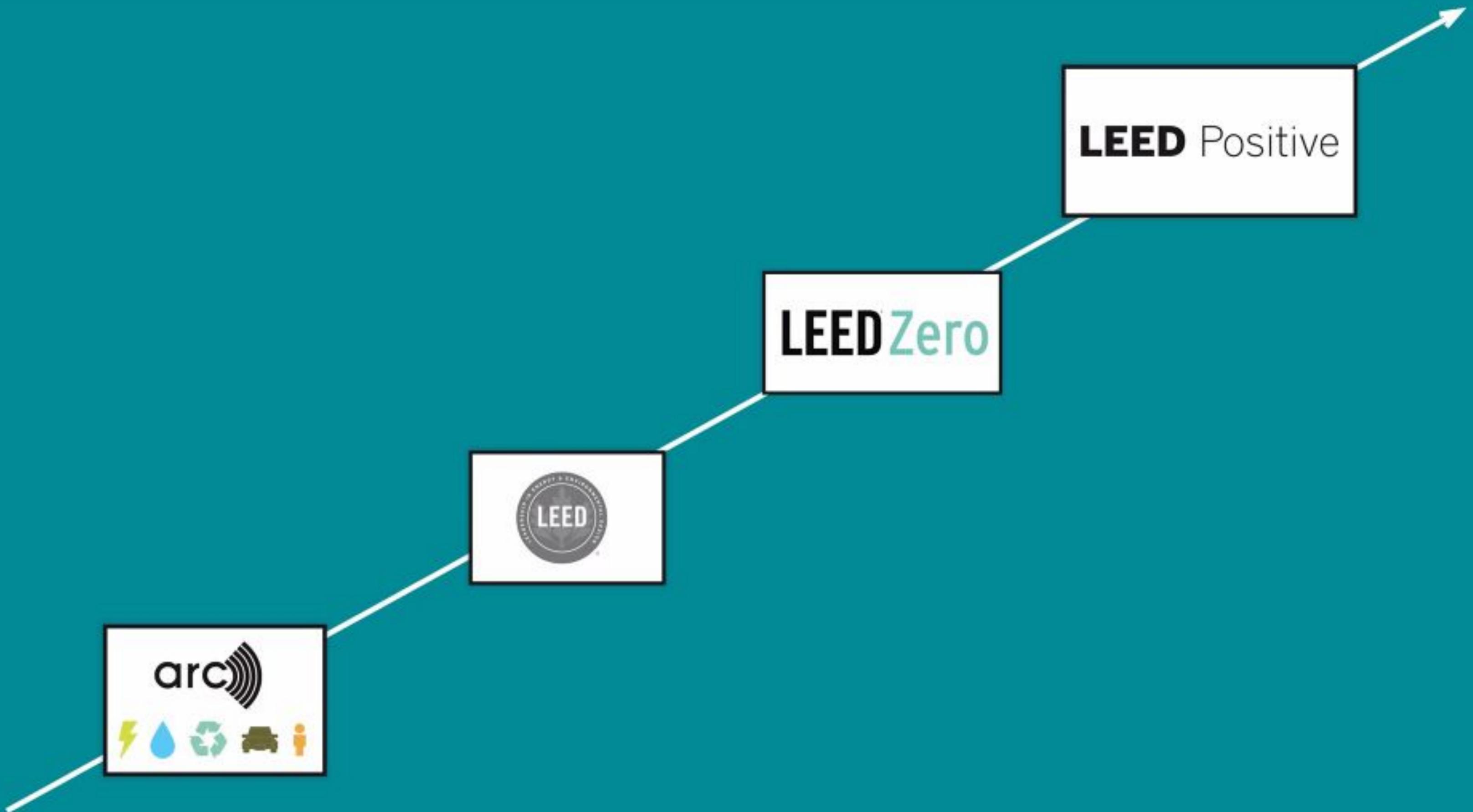
Boston Public Market | LEED Silver
Boston Public Market Association (Owner), Architerra (Architect), Chuck Choi (Photographer)



We believe better buildings equal better lives.

The future of
green building is
performance.





arc



⚡ 💧 ♻️ 🚚 👤



LEED Zero

LEED Positive

Join the 2022 LEED for Cities Florida Cohort

The LEED for Cities Local Government Leadership Program is a program of the U.S. Green Building Council.



In Florida, there are **15** certified and **26** registered cities and counties. They include:

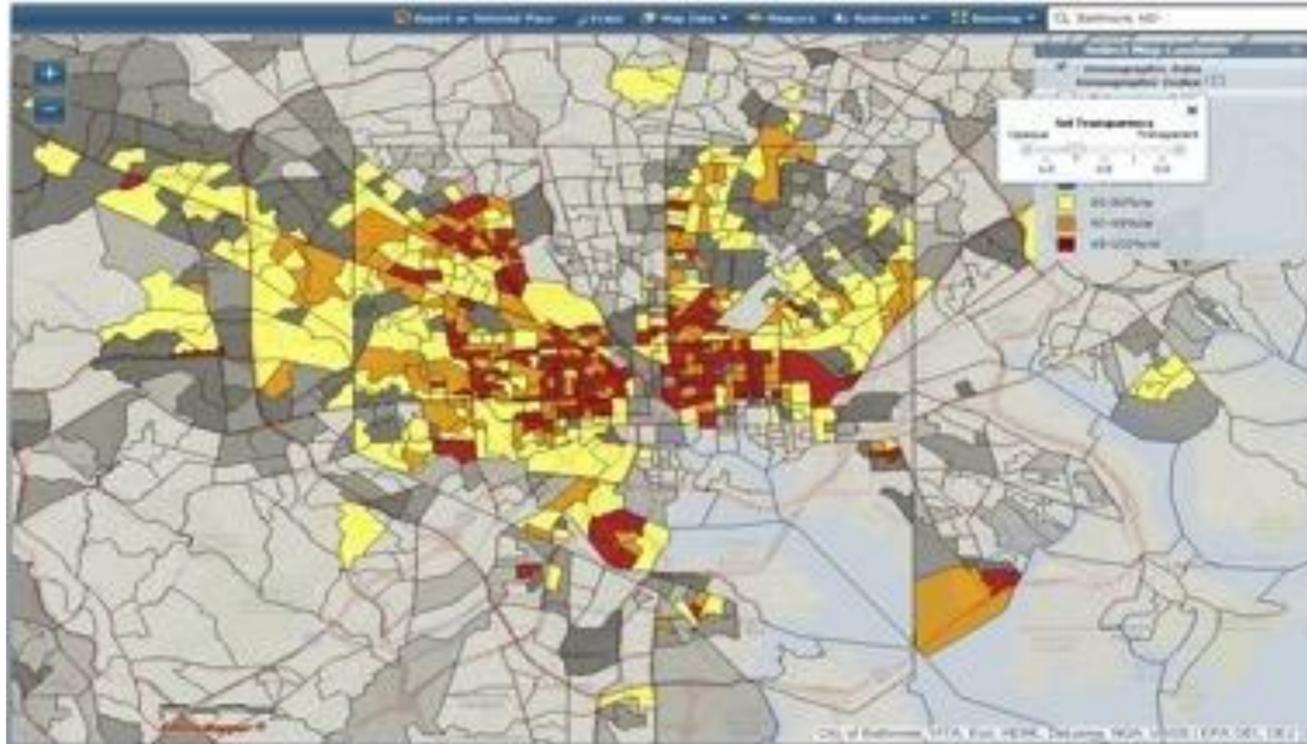


- Atlantic Beach
- Broward County
- Coral Gables
- Coral Springs
- Hallandale Beach
- Hillsborough County
- Hollywood
- Jupiter Inlet Colony
- Lee County
- Miami Beach
- Miami Dade County
- Miami
- Monroe County
- Oldsmar
- Orange County
- Orlando
- Palm Bay
- Palm Beach County
- Pine Crest
- Pinellas County
- Sarasota
- Sarasota County
- St. Petersburg
- Tallahassee
- Tampa
- West Palm Beach

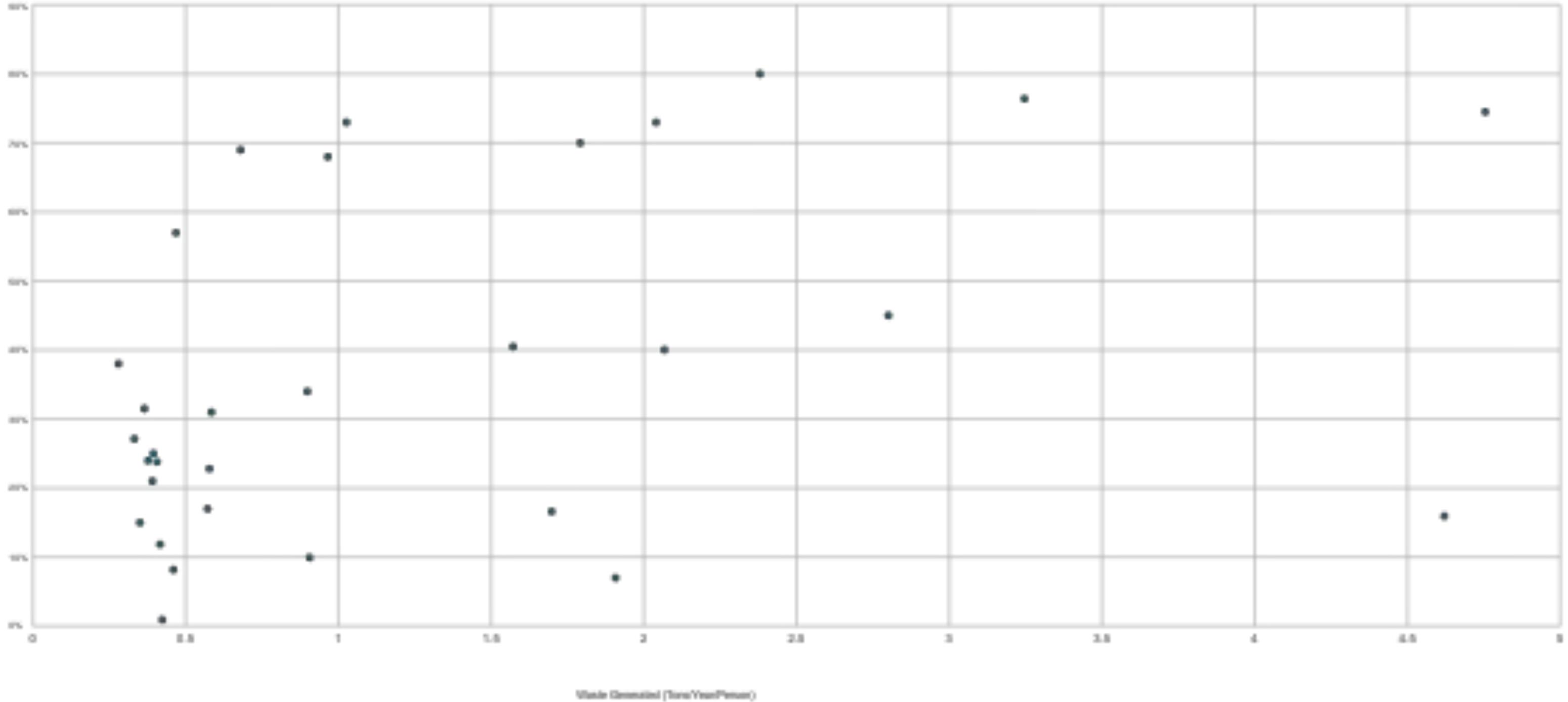
For the application and details:

<https://www.usgbc.org/articles/usgbc-launches-florida-cohort-local-government-leadership-program>

✓ Evaluate local conditions



✓ Benchmark performance with peers



Rating System Scorecard

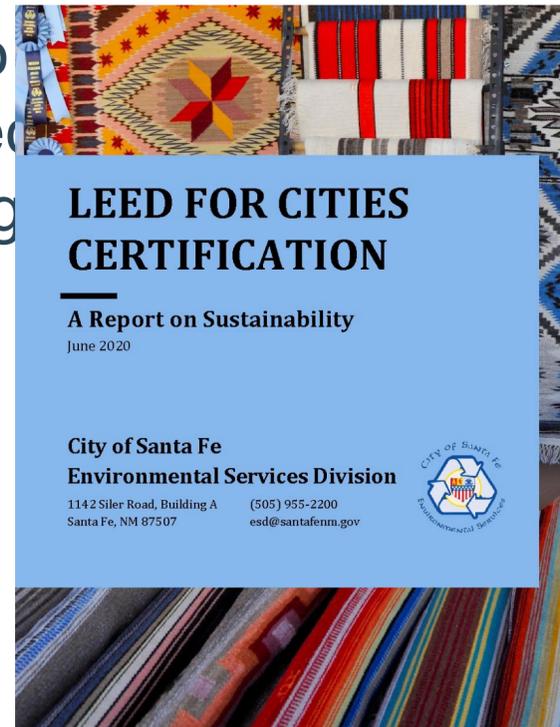
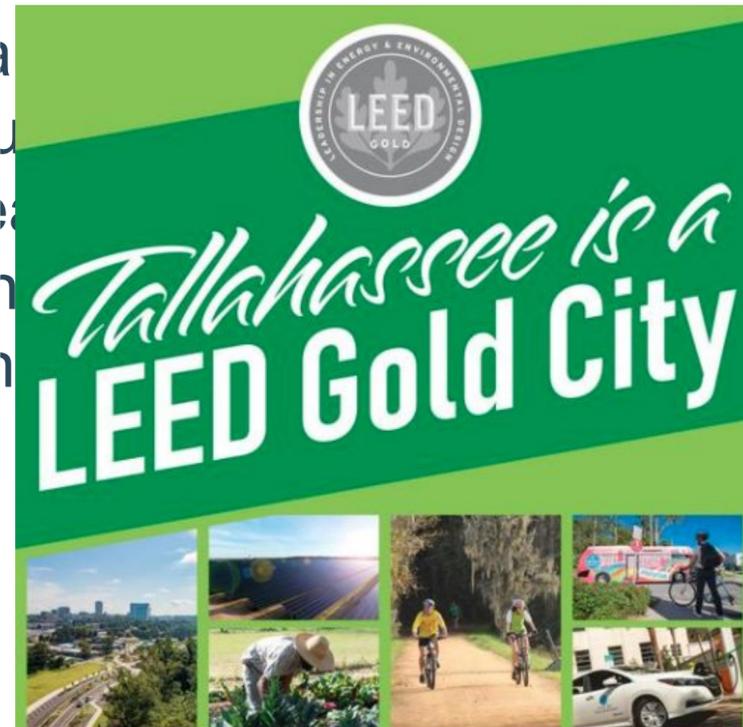
LEED for Cities and Communities: Existing			Cities	Communities				Cities	Communities
	INTEGRATIVE PROCESS		POSSIBLE: 5	POSSIBLE: 5		MATERIALS AND RESOURCES		POSSIBLE: 10	POSSIBLE: 10
Credil	Integrated Planning and Leadership		1	1	Prereq	Solid Waste Management		REQUIRED	REQUIRED
Credit	Green Building Policy and Incentives		4	4	Prereq	Waste Performance		4	5
	NATURAL SYSTEMS AND ECOLOGY		POSSIBLE: 9	POSSIBLE: 9	Credit	Special Waste Streams Management		1	1
Prereq	Ecosystem Assessment		REQUIRED	REQUIRED	Credit	Responsible Sourcing for Infrastructure		2	2
Credit	Green Spaces		2	2	Credit	Material Recovery		1	-
Credit	Natural Resources Conservation and Restoration		2	2	Credit	Smart Waste Management Systems		2	2
Credit	Light Pollution Reduction		1	1		QUALITY OF LIFE		POSSIBLE: 20	POSSIBLE: 20
Credit	Resilience Planning		4	4	Prereq	Demographic Assessment		REQUIRED	REQUIRED
	TRANSPORTATION AND LAND USE		POSSIBLE: 15	POSSIBLE: 15	Prereq	Quality of Life Performance		6	6
Prereq	Transportation Performance		6	6	Credit	Trend Improvements		4	4
Credit	Compact, Mixed Use and Transit Oriented Development		2	2	Credit	Distributional Equity		4	4
Credit	Access to Quality Transit		1	1	Credit	Environmental Justice		1	1
Credit	Alternative Fuel Vehicles		2	2	Credit	Housing and Transportation Affordability		2	2
Credit	Smart Mobility and Transportation Policy		2	2	Credit	Civic and Community Engagement		2	2
Credit	High-Priority Site		2	2	Credit	Civil and Human Rights		1	1
	WATER EFFICIENCY		POSSIBLE: 11	POSSIBLE: 11		INNOVATION		POSSIBLE: 6	POSSIBLE: 6
Prereq	Water Access and Quality		REQUIRED	REQUIRED	Credit	Innovation		6	6
Prereq	Water Performance		6	6		REGIONAL PRIORITY		POSSIBLE: 4	POSSIBLE: 4
Credit	Integrated Water Management		1	1	Credit	Regional Priority		4	4
Credit	Stormwater Management		2	2					
Credit	Smart Water Systems		2	2					
	ENERGY AND GREENHOUSE GAS EMISSIONS		POSSIBLE: 30	POSSIBLE: 30	TOTAL			110	110
Prereq	Power Access, Reliability and Resiliency		REQUIRED	REQUIRED					
Prereq	Energy and Greenhouse Gas Emissions Performance		14	18					
Credit	Energy Efficiency		4	4	40-49 Points	50-59 Points	60-79 Points	80+ Points	
Credit	Renewable Energy		6	6	CERTIFIED	SILVER	GOLD	PLATINUM	
Credit	Low Carbon Economy		4	-					
Credit	Grid Harmonization		2	2					

What do local governments do with their results?

- Strengthen existing plans and policies
- Enhance and guide future planning processes
- Identify and implement high impact best practices
- Direct resources to the greatest areas of need
- Increase community buy-in for sustainability efforts
- Create opportunities for collaboration



#LEED #TransformingTampa
City Of Tampa Gold LEED Certification





Leadership Testimonials



“The environmental challenges facing South Florida and the world are complex, multifaceted, and do not recognize political boundaries. Palm Beach County has long been a strong partner with local stakeholders on all aspects of climate change and sustainability, and this certification reflects that investment and continued commitment in our regional collaboration and a multi-pronged response to the issues we face,” Commissioner Gregg K. Weiss, Palm Beach County, FL.

“Miami Beach continues to lead in its efforts to build a more resilient and sustainable city,” shared Miami Beach Commissioner Micky Steinberg. “Receiving the LEED for Cities Gold certification is a great accomplishment, which showcases the city’s sustainability achievements and provides a framework for measuring our progress in the future.”

“From how we leverage technology and modernize our infrastructure to how we preserve canopy coverage and grow our parks system, the City’s commitment to sustainable progress has forged new solutions to issues facing many communities around the world,” Mayor John Dailey said. “This certification and record-breaking score recognize the multitude of efforts, both past and present, by the City of Tallahassee to deliver quality municipal services in innovative ways, to provide current residents and future generations the opportunity to live their best lives here.”

Our vision is to become the most environmentally friendly, socially inclusive, and economically vibrant city in the Southeast...one of the most sustainable cities in the U.S.” Mayor Buddy Dyer, City of Orlando



2021 FLORIDA ENERGY AND CLIMATE SUMMIT

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Water Conservation District

Co-Founder, GreenLining
Jax



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President
Breaking Ground Contracting



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