

MAY 14 - 16, 2025 MILWAUKEE, WI





## **FULL PROGRAM**



## WIFI

**NETWORK: Saint Kate** Conference

**PASSWORD: Saint Kate** 

## SOCIAL MEDIA









#FutureofFreshWater **#GLSLStrong** @GLSLcities



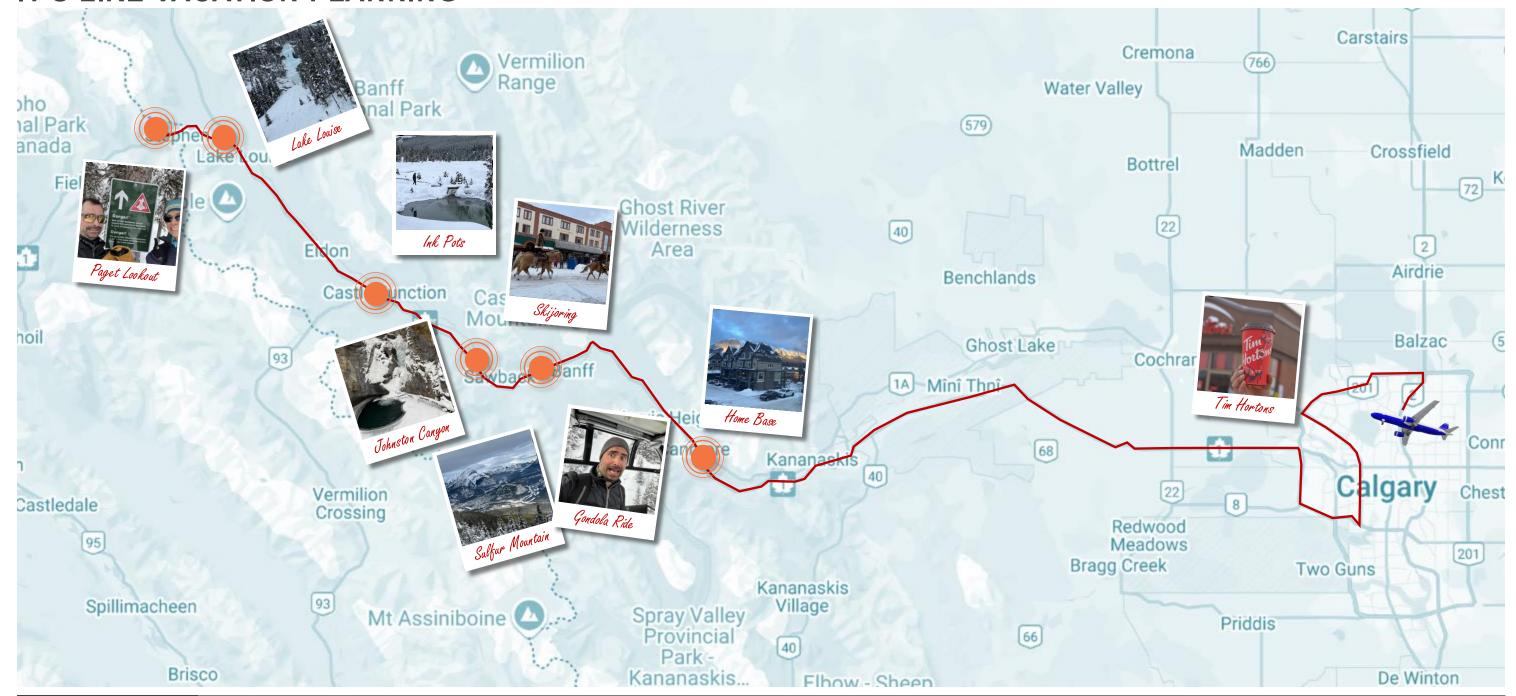


# COMING TOGETHER: SCALING UP WATERFRONT PLANNING

Presented by: SMITHGROUP

## COMING TOGETHER: SCALING UP WATERFRONT PLANNING PLANNING MANAGER, DESIGN & IMPLEMENTATION GROUP WATERFRONT SENIOR COASTAL PROGRAMS MANAGER **DIRECTOR** James Sonnhalter **Jason Stangland** Zoë Kuntze Kirsten Holzheimer Gail

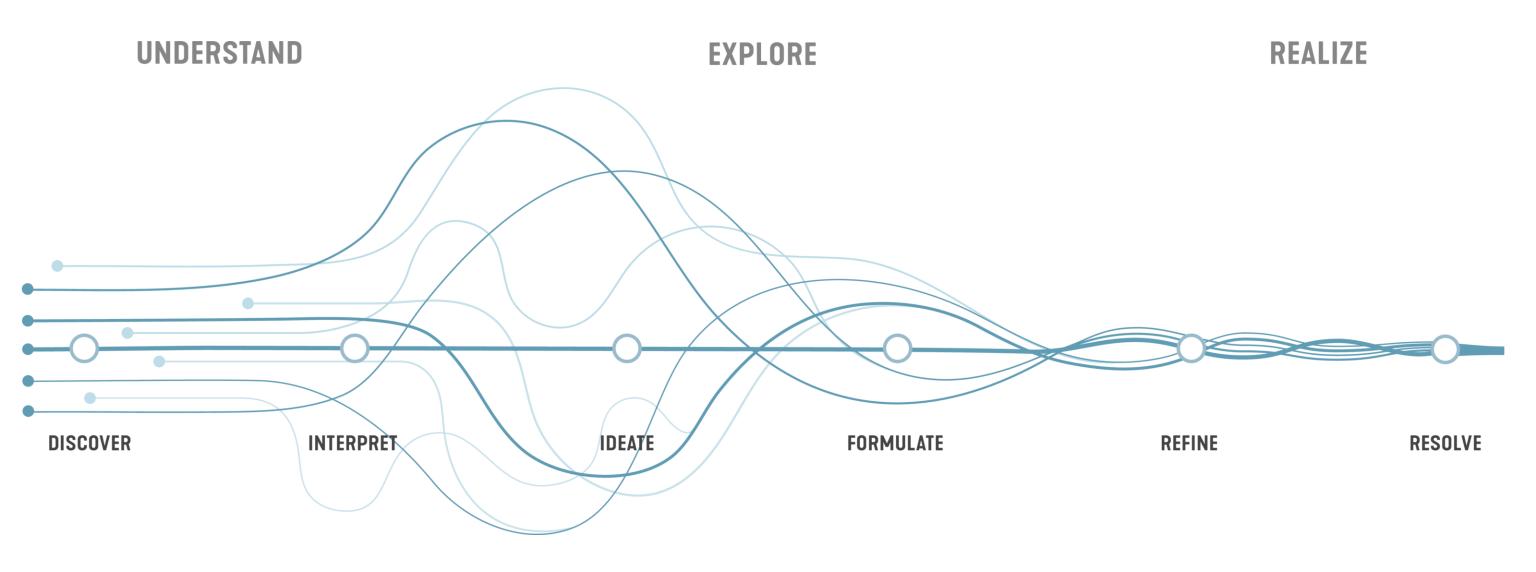
#### IT'S LIKE VACATION PLANNING







#### A BETTER DESCRIPTION OF THE PROCESS









A ROADMAP...



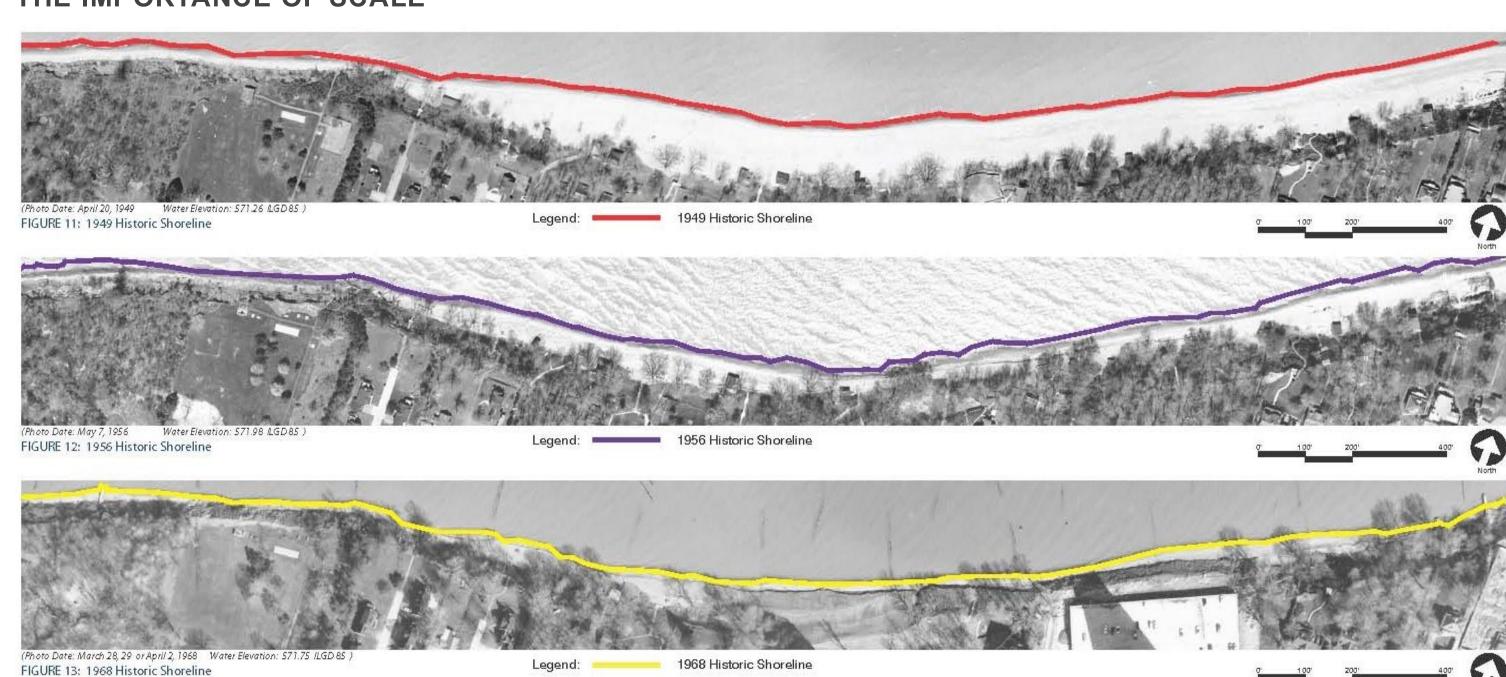


#### THAT LEADS TO IMPLEMENTATION



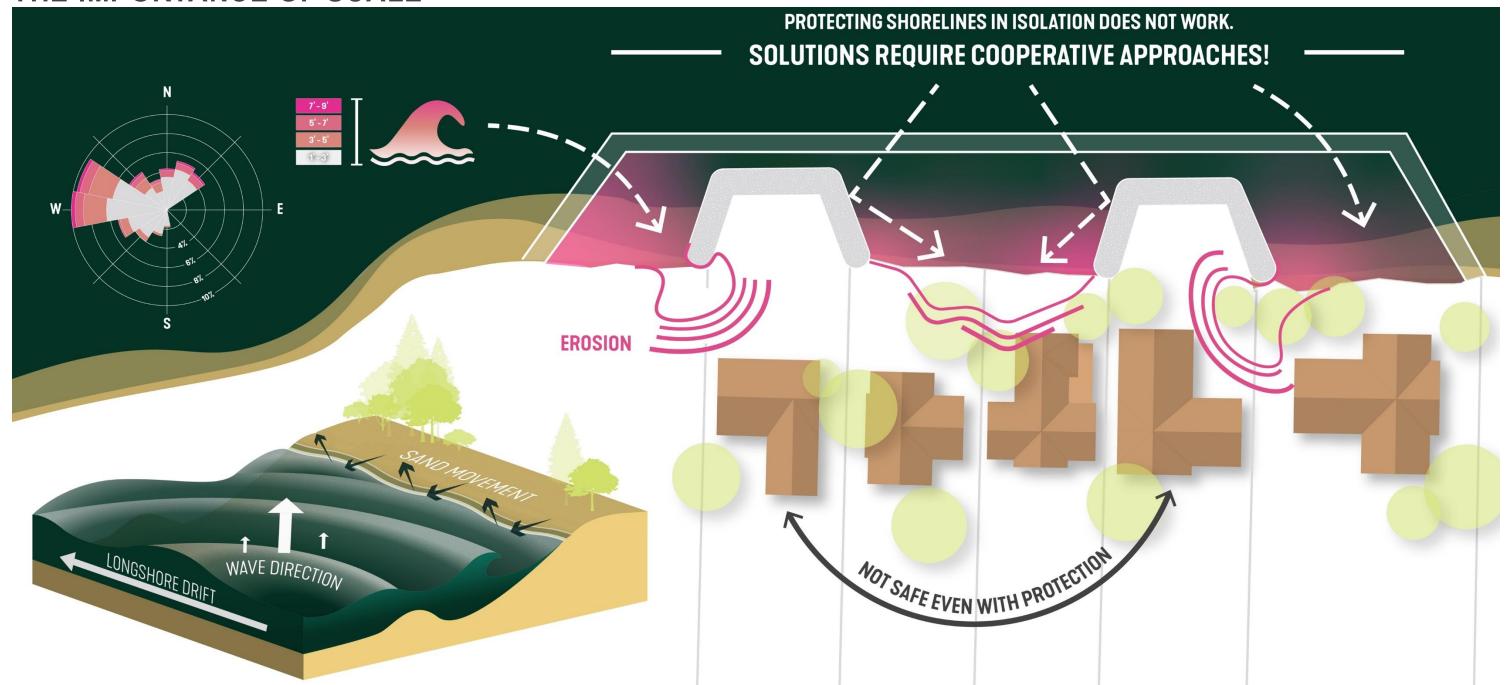






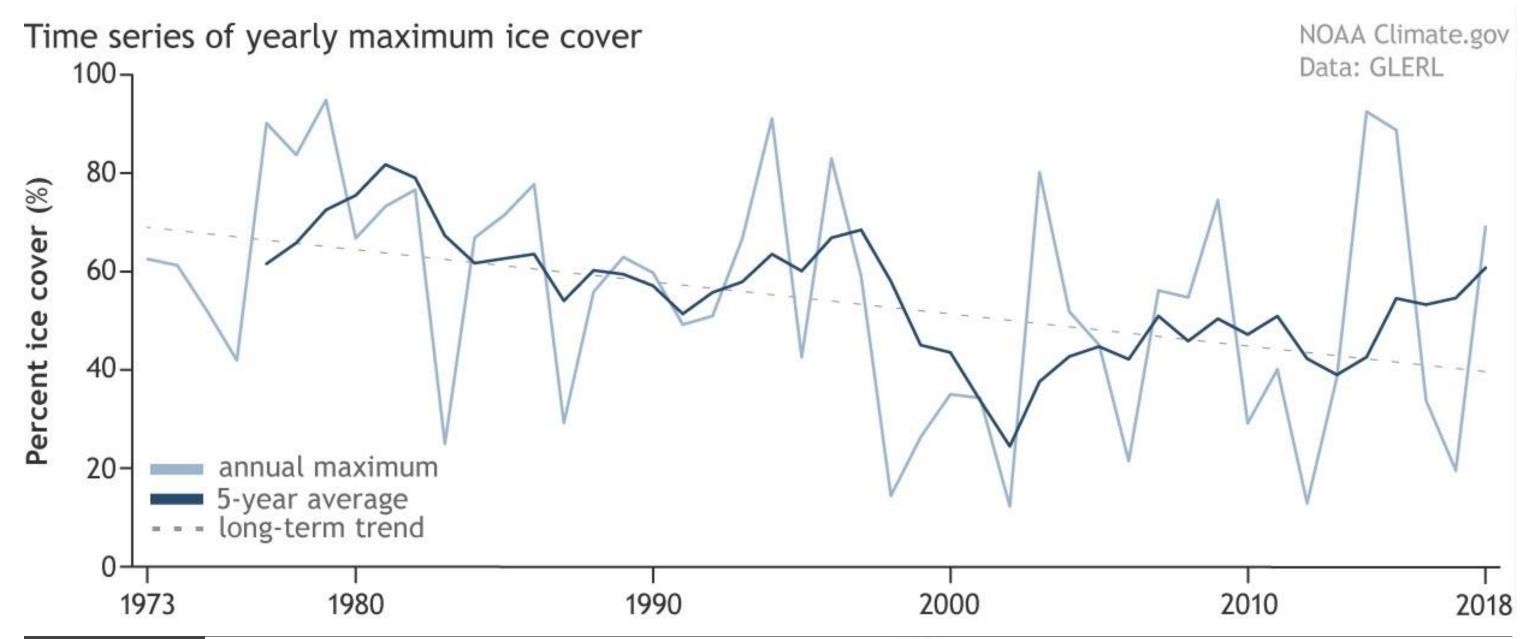






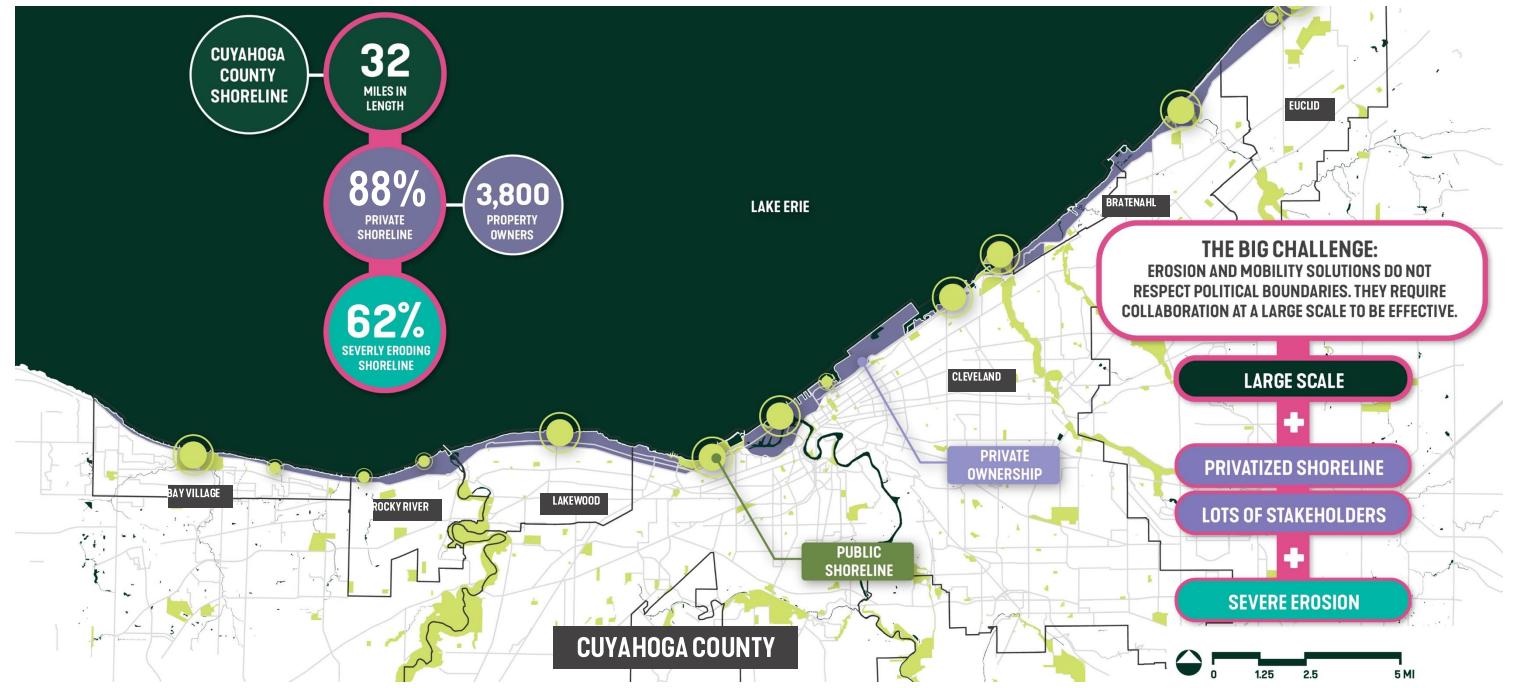




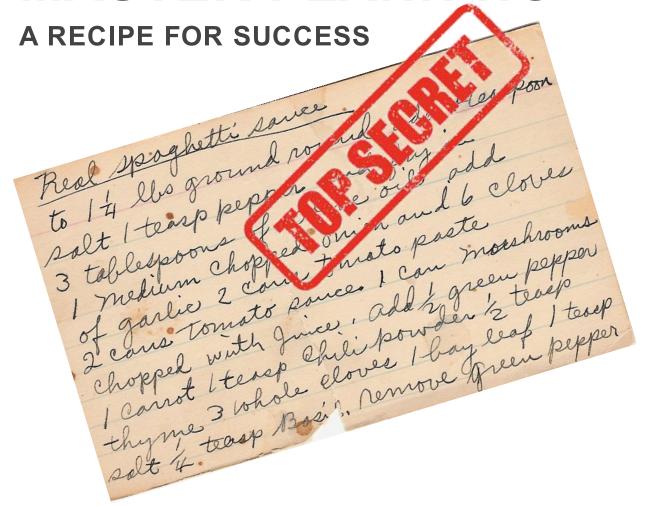




















A RECIPE FOR SUCCESS vous comoto ponce. add per pepper pepel vith grice. powder /2 I teach rot 3 whole cloves I boy leaf pepper ne toust Box. remove green pepper 1. THINK BIG, START SMALL INVOLVE STAKEHOLDERS EARLY ARTICULATE THE BENEFITS MAKE IT UNDERSTANDABLE & COMPELLING PLAN TO IMPLEMENT CONSISTENCY IS KEY





## SCALING UP WATERFRONT PLANNING

#### **IMPACT AT 3 SCALES**

#### Mayor Gail, City of Euclid



- > 100 landowners
- One community

#### James Sonnhalter, Cuyahoga County

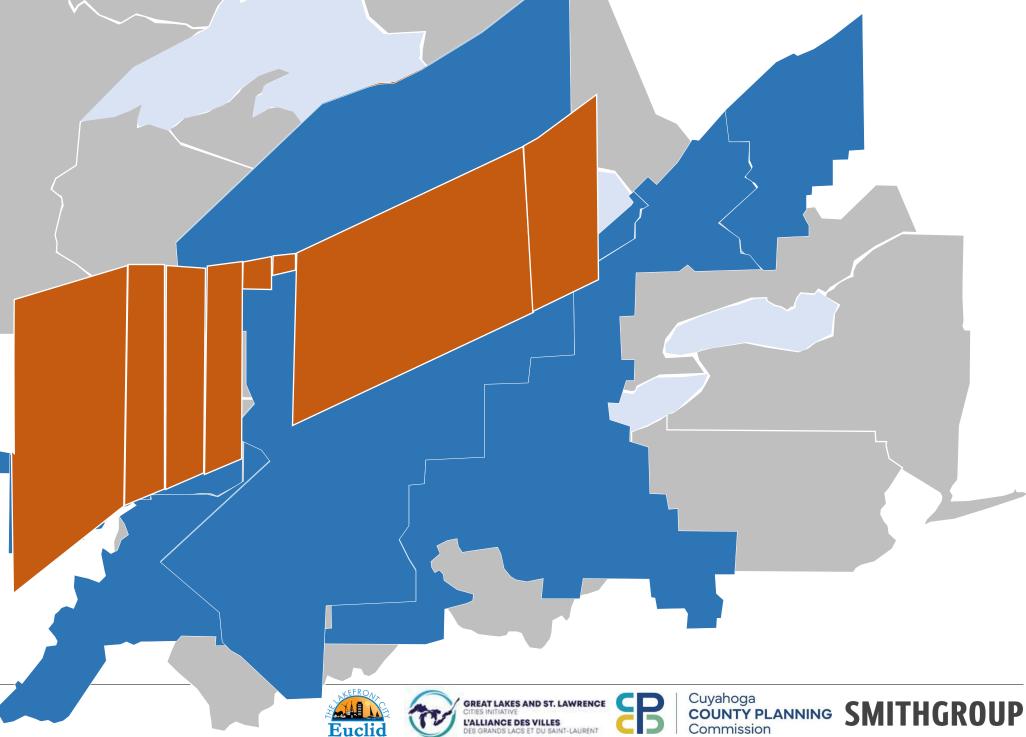


- > 3800 landowners
- > In six communities
- > One county

#### Zoë Kuntze, Great Lakes Cities Initiative



- > 75 communities
- In eight states
- **ONE GREAT LAKES**









# **EUCLID WATERFRONT PLAN:**

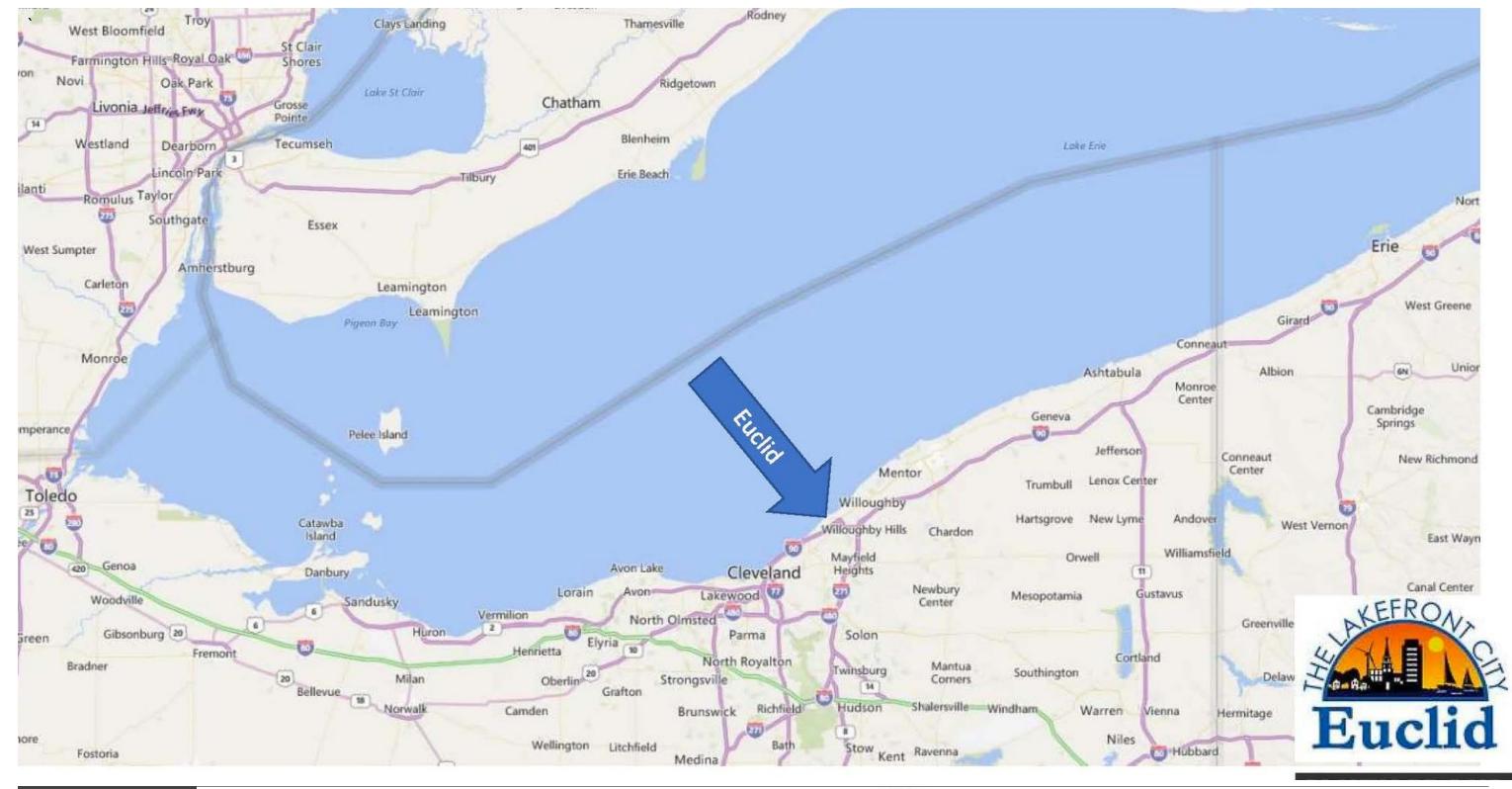
INNOVATIVE LAKEFRONT DEVELOPMENT FOR ALL

















Next City members make our features possible. Donate today.

## Did a Hundred Homeowners Just Change the Great Lakes Forever?

For decades, Great Lakes property owners have stubbornly refused to sell their waterfront land to the public. Then one city got them to part with it for free.

# Euclid has a solution!









## **EUCLID WATERFRONT PLAN**

#### GOALS

- 1. Enhance public access to our region's greatest natural resource
- 2. Address shorelines erosion and protect private property
- 3. Enhance the health of the lake and its users
- 4. Leverage the lake as City-wide asset Euclid IS the lakefront city
- 5. Generate economic development and spur new investments

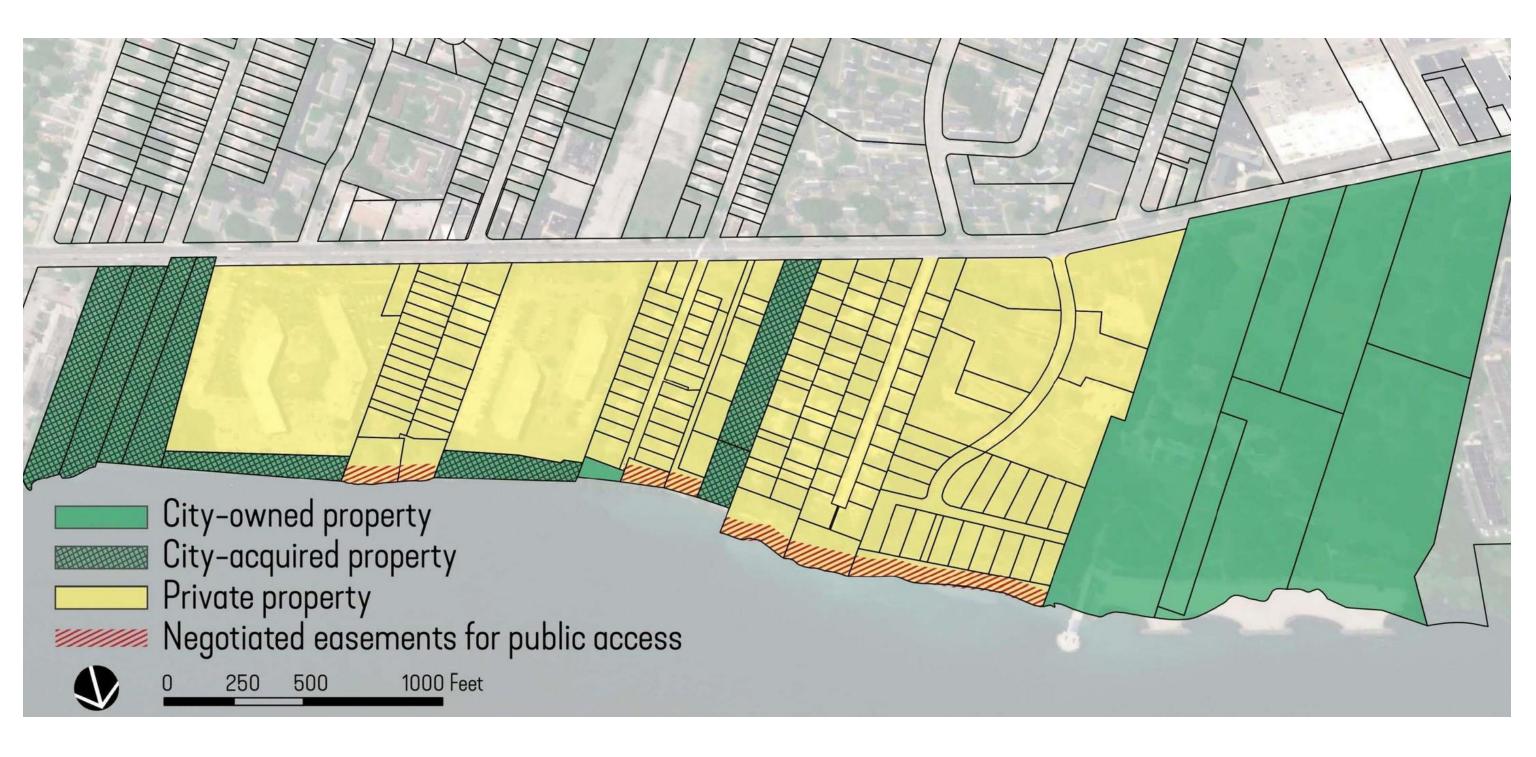
















#### **Beaches**



Natural shore protection

#### Revetments



Large, rough, angular rock (or rubble) on a slope 1.5 to 1 or less. Wave energy dissipates on the slope and on the rough surface. Some reflected wave energy, beach lakeward of stone is rare due to scour and changing water levels.



#### **Seawalls**



Vertical structures at the water/land interface. Concrete block, cast-in-place concrete or steel sheet pile. High reflected wave energy, no beach. Easy access to the water.

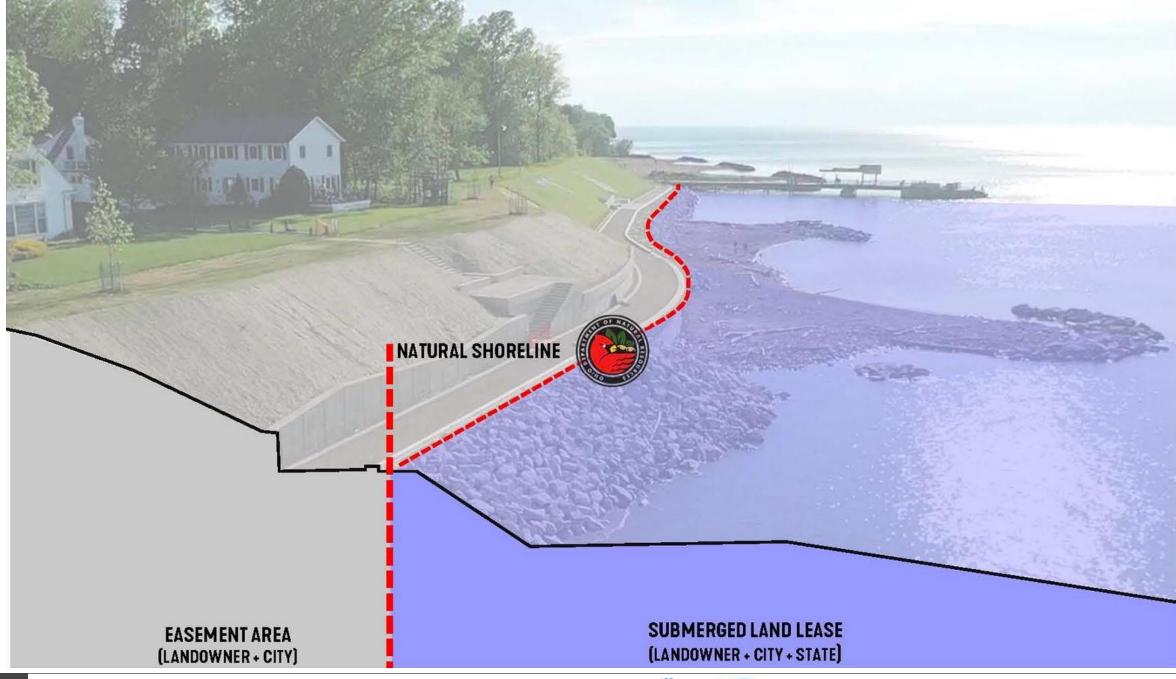
... What if the engineered solution was a combination of all three... + public access?





## **EUCLID LAKEFRONT MODEL**

#### PUBLIC/PRIVATE PARTNERSHIP









#### PUBLIC/PRIVATE INVESTMENTS FEDERAL, STATE+ LOCAL FUNDING.

- \$4M CUYAHOGA COUNTY CASINO REVENUE FUND (THE 1ST **ALLOCATION OUTSIDE OF** DOWNTOWN CEVELAND) LOCAL
- \$3.4M CITY BOND ISSUES (3) LOCAL
- \$2.67M+ FEMA PRE•OISASTER HAZARD MITIGATION FUND FLOERAL
- \$1.IM+ CLEAN OHIO TRAILS FUND STATE
- \$1M 2014 STATE CAPITAL COMMUNITY PROJECTS ALLOCATION STATE
- \$360,000+ COASTAL MANAGEMENT FUND FEDERAL
- \$330,000+ ODNR (NATUREWORKS. RECREATIONAL TRAILS FUNDS)
- \$50,000 GREAT LAKES COMMISSION FEDERAL
- \$30,000 OHIO EPA STATE
- \$300,000 ANNUAL REVENUE FROM HARBORTOWN TIF FUNDS LOCAL
- \$275,000 PRIVATE PHILANTHROPY

"EUCLID IS DOING WHAT MANY GREAT LAKES CITIES THOUGHT **WOULD NEVER BE POSSIBLE TO** DO ALONG THEIR LAKESHORES. • DANIEL MCGRAW, NEXT CITY

IN FALL 2019. CUYAHOGA COUNTY EXECUTIVE BUDISH ANNOUNCED A VISION FOR PUBLIC ACCESS AND SHORELINE STABILIZATION **ACROSS NEARLY 30 MILES OF** LAKE ERIE USING EUCLID'S WATERFRONT PLAN AS A MODEL.

#### KIRSTEN HOLZHEIMER CAIL, MAYOR CITY OF EUCLID

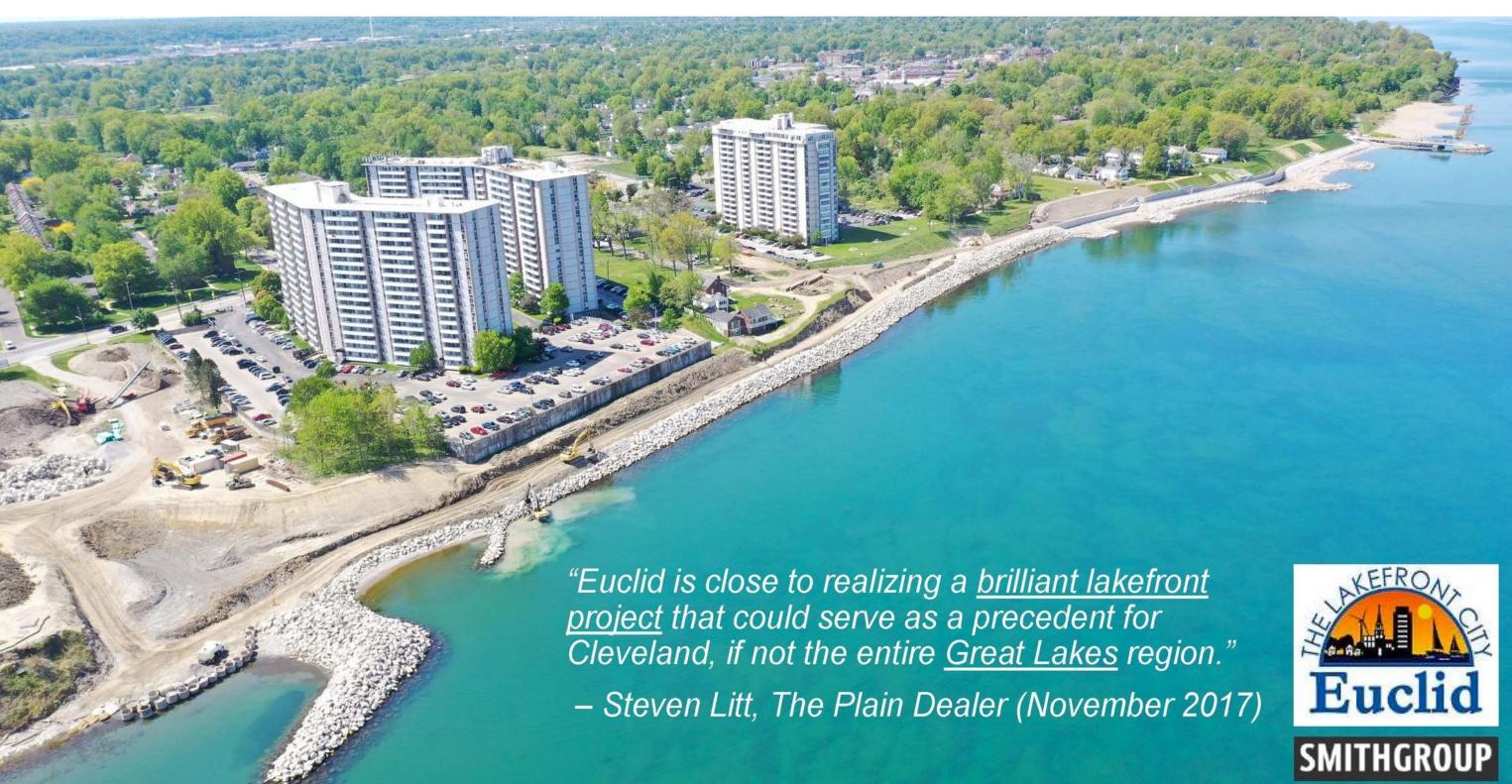
**585 EAST 222ND STREET** EUCLID. OHIO 44123 216-289-2700







## **EUCLID WATERFRONT PLAN**

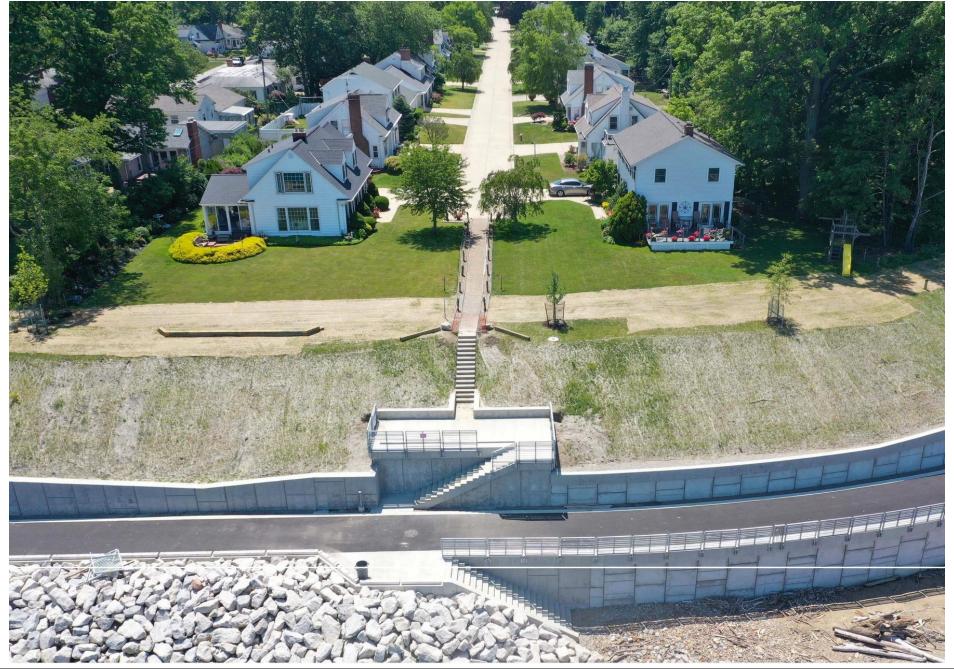


## NEXT STEPS: THE EUCLID PROJECT AS A MODEL



## THE 'EUCLID MODEL'

#### AN EXAMPLE OF HOW THE PUBLIC/PRIVATE PARTNERSHIP COULD WORK ACROSS CUYAHOGA COUNTY













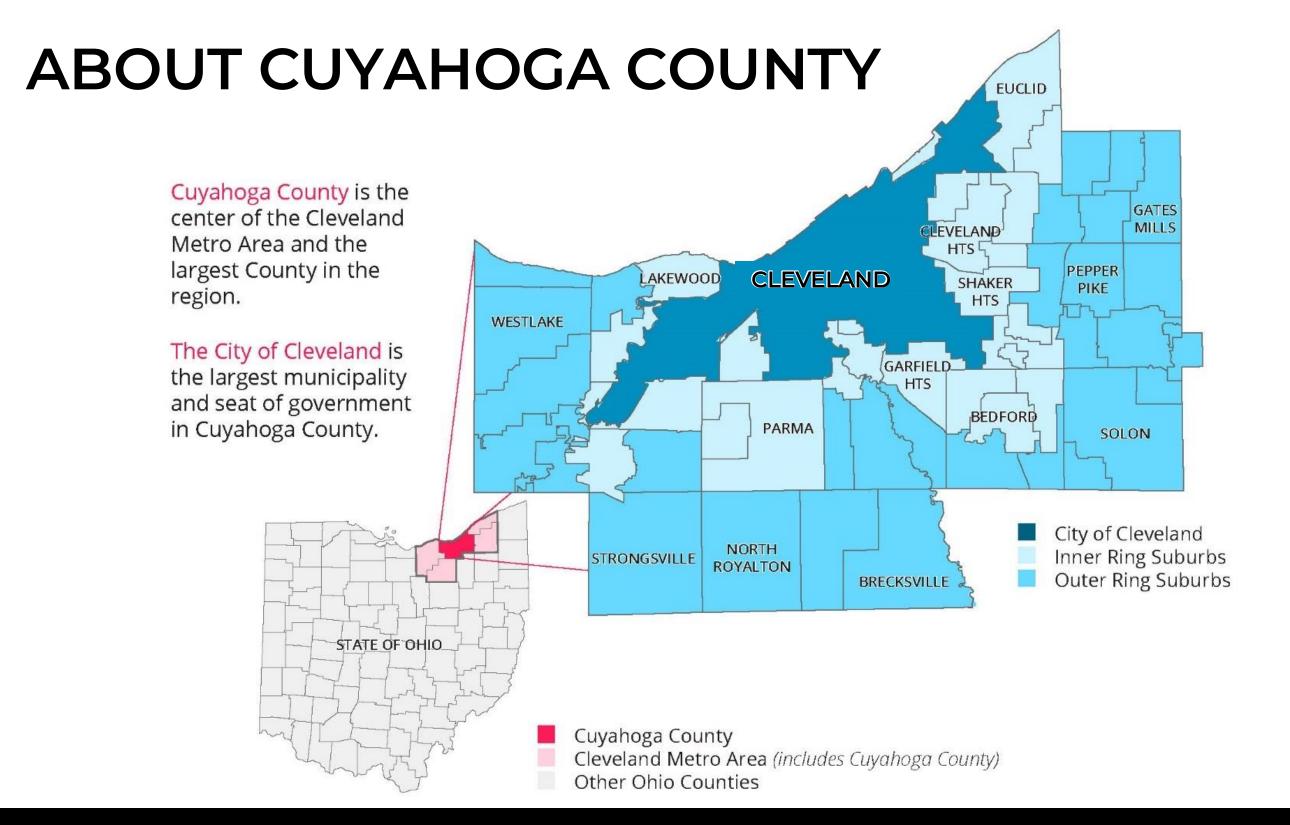




# CUYAHOGA COUNTY LAKEFRONT PUBLIC ACCESS PLAN

EXPANDING THE MODEL & SCALED SOLUTIONS FOR ACCESS AND EROSION

(Euclid Model 2.0)





The **Cuyahoga County Lakefront** Public Access Plan provides the roadmap for a transformative series of projects that support equitable public access to the Lake Erie shoreline, reduce landowner risk from coastal erosion, and enhance mobility while providing recreational, ecological, and water quality benefits.

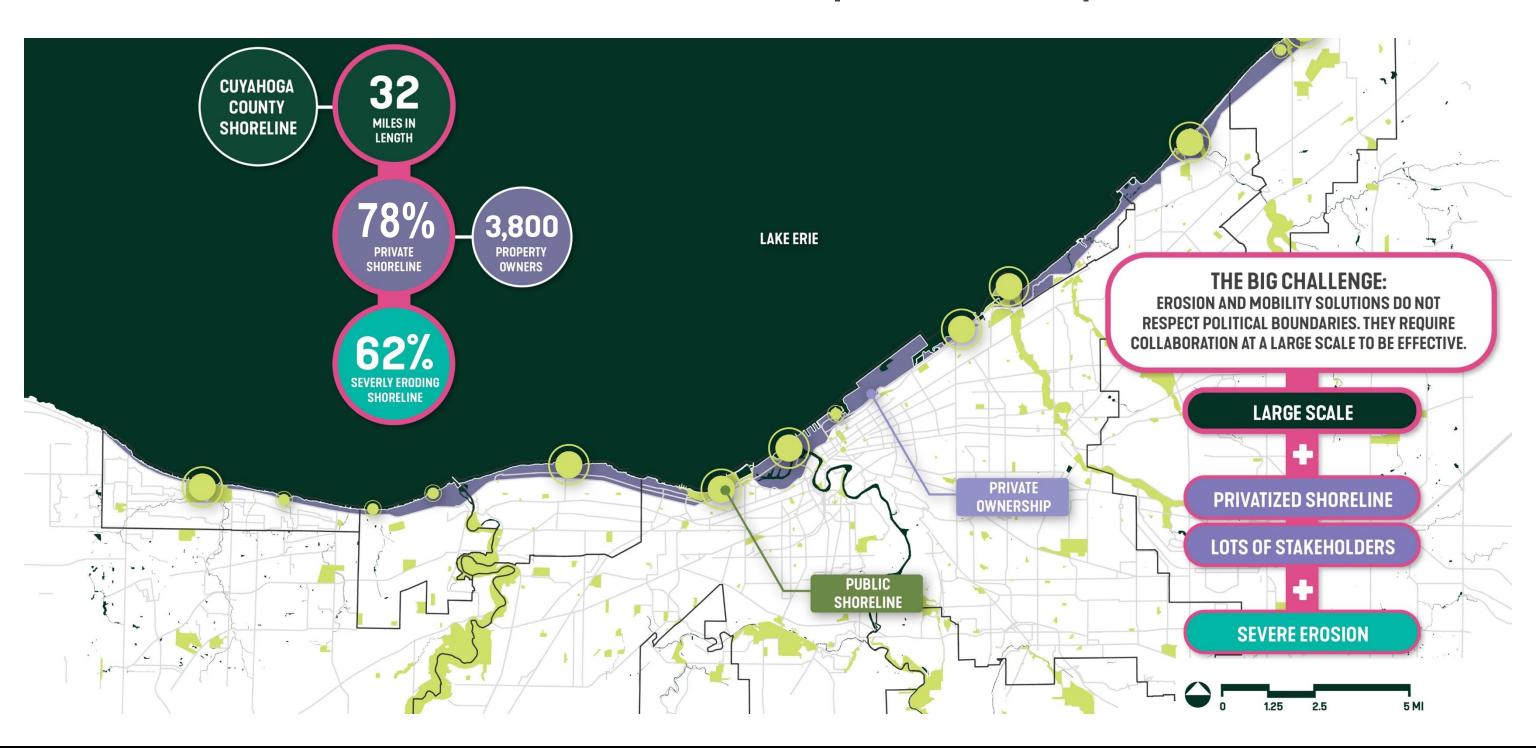
## MOTIVATING FACTORS: EQUITY | MOBILITY | RESILIENCE



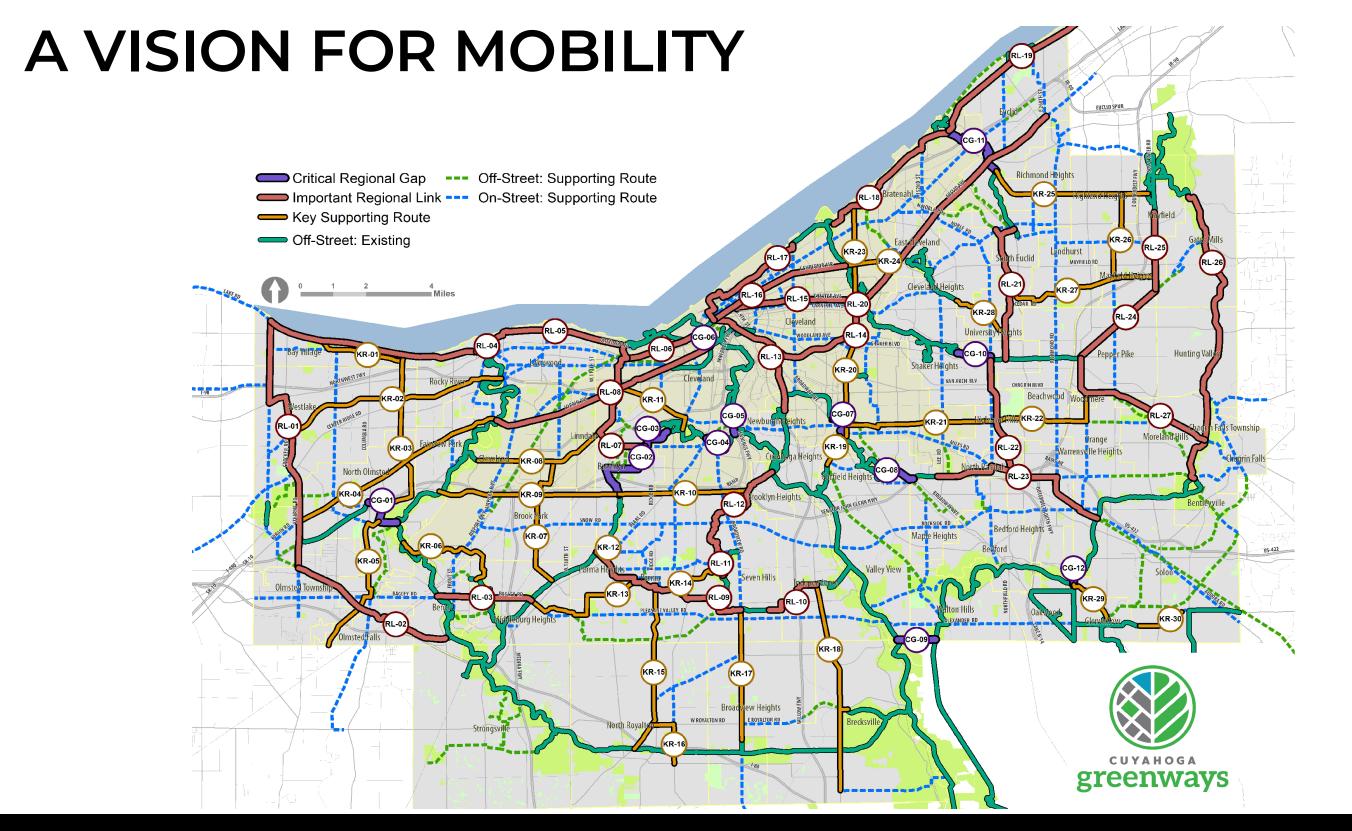




## MOTIVATING FACTORS: EQUITY | MOBILITY | RESILIENCE



CUYAHOGA COUNTY | EQUITY AS POLICY Equity Zones, 2022 Cuyahoga County, Ohio Legend Equity Zone \* (We'll get to these in a minute)



# Cuyahoga County Lakefront Initiatives Lakefront Public Access Plan and Companion Projects Rocky River Bradstreet's Landing Lakewood Park & Solstice Steps Lakewood Park & Solstice Steps Browns Stadium Proposed Development & Land Bridge Browns Stadium Proposed Development & Land Bridge

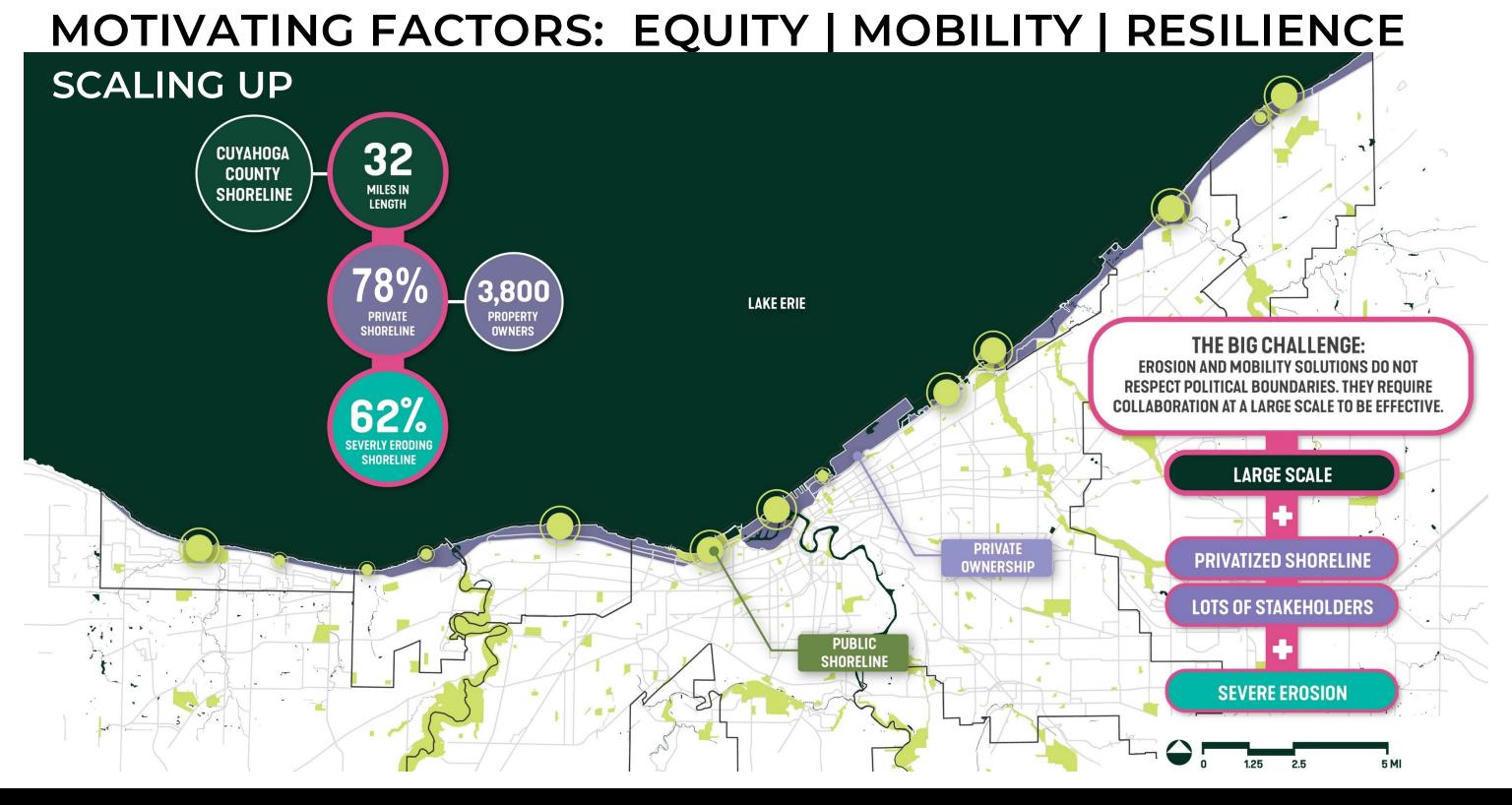


**Euclid Waterfront** 

**Improvement Plan** 

# **CURRENT PUBLIC ACCESS**





# **PARTNERSHIPS & ENGAGEMENT**

### STEERING COMMITTEE MEMBERSHIP



- Bay Village
- Rocky River
- Lakewood
- Bratenahl
- Euclid

- Cleveland
- Metroparks
- Ohio DNR
- NOACA

### STAKEHOLDER & COMMUNITY ORGS

### Regulatory Agencies

- Ohio Dept. of Natural Resources
- Ohio Environmental Protection Agency
- US Army Corps of Engineers

### Non-Profits & Foundations

- Cleveland Water Alliance
- Cleveland Foundation
- Green Ribbon Coalition
- Western Reserve Land Conservancy
- Trust for Public Lands

# SHOPTIME OWNERS

### **Lakefront Municipalities**

- Bay Village
- Rocky River
- Lakewood
- Cleveland
- Bratenahl
- Euclid

### Community Representatives / Development Corps

- Lakefront Municipality Councilpersons
- Downtown Cleveland Alliance
- Detroit-Shoreway Development Corporation
- Ohio City Incorporated
- Saint Clair-Superior
- Greater Collinwood Development Corporation

### **Special Interest Groups**

- Lake Erie Marina Trades Association
- Boating Association of Ohio
- Bike Euclid
- Bike Cleveland
- Bike Lakewood

### Regional & State Agencies

- Ohio Dept. of Natural Resources
- OEPA Division of Env. & Financial Assistance
- Cleveland Metroparks
- Northeast Ohio Areawide Coordinating Agency
- Cleveland- Cuyahoga Port Authority
- Greater Cleveland Regional Transit Authority
- Cuyahoga County Public Works
- Ohio Department of Transportation
- NE Ohio Regional Sewer District

# A PLAN & PARTNERSHIPS FORGED THROUGH ENGAGEMENT

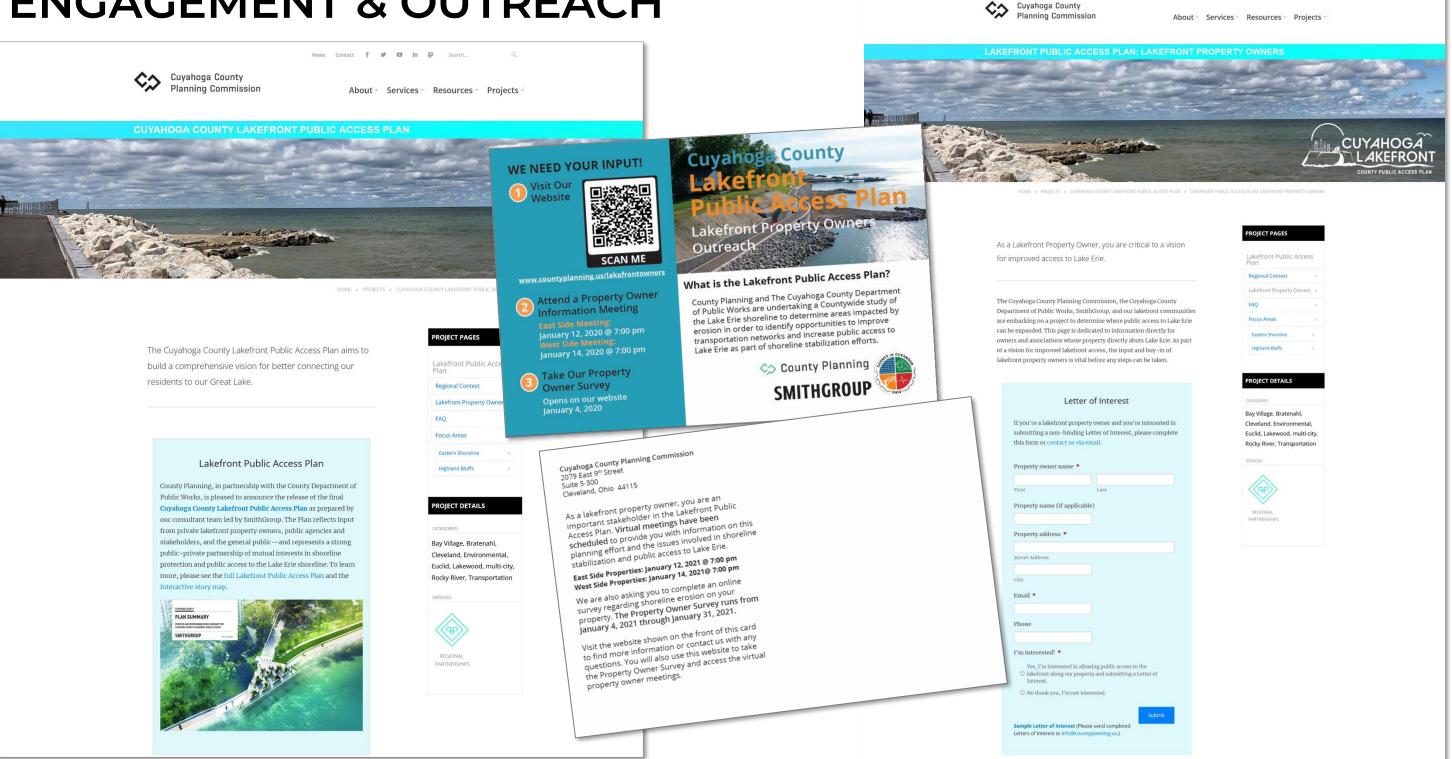
### DIVERSE VOICES GUIDING THE FRAMEWORK



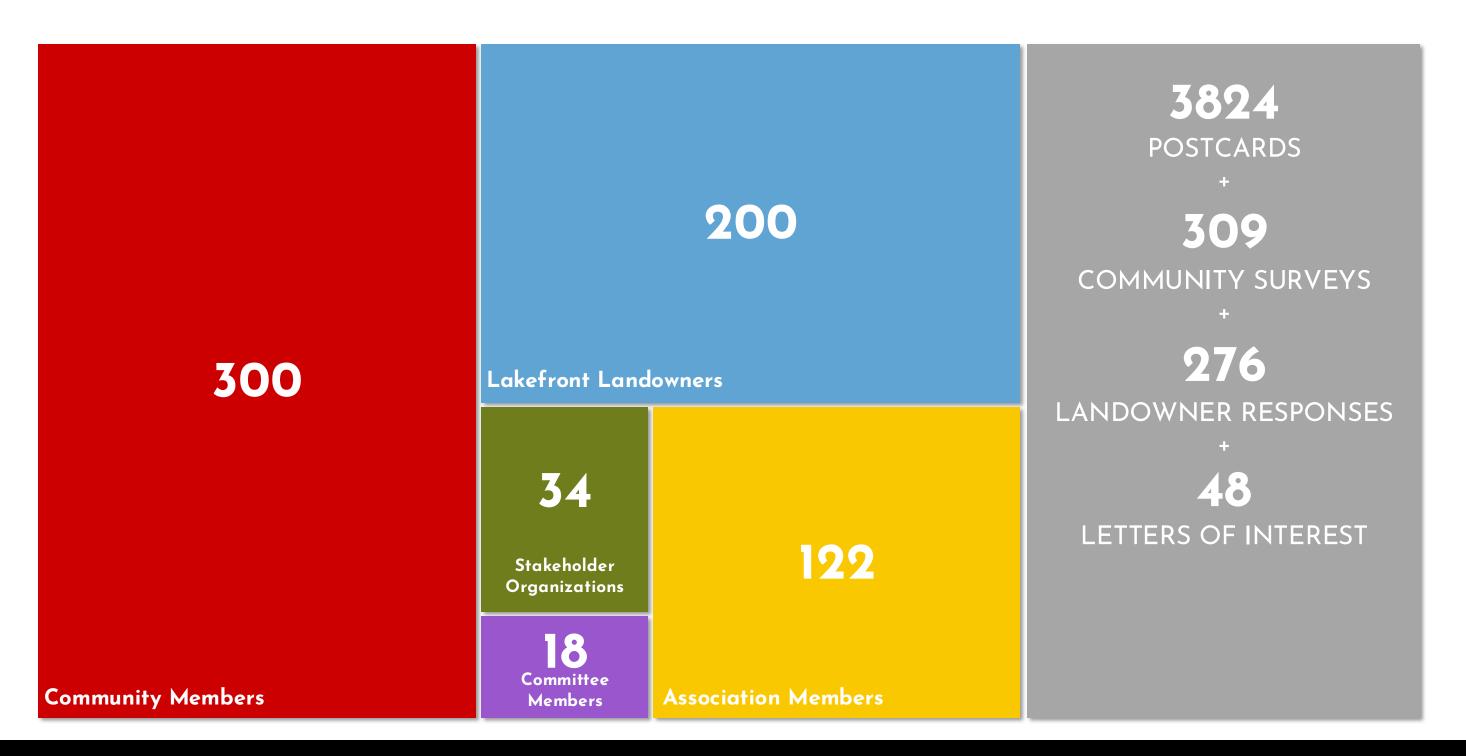


**SMITHGROUP** 

# **ENGAGEMENT & OUTREACH**



# **ENGAGEMENT & OUTREACH**



### **PROJECT GOALS**



WITH ONGOING INITIATIVES TO ELEVATE THE REGION

# PROTECT

SHORELINES AND PRIVATE PROPERTY FROM COASTAL EROSION

# **EXPAND**

EQUITABLE PUBLIC LAKEFRONT ACCESS THROUGH PARTNERSHIPS

# **ENHANCE**

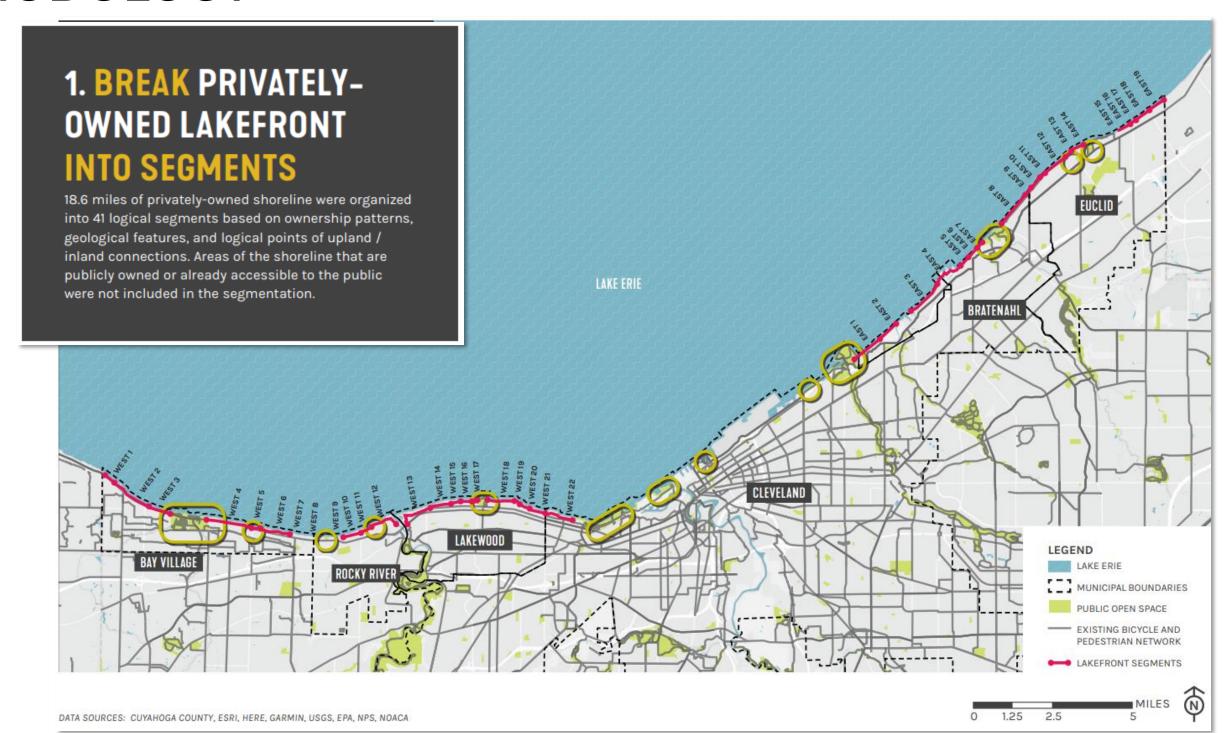
WATER QUALITY, ECOLOGY, AND LAKEFRONT RESILIENCE



# WHAT SHOULD BE BETTER CONNECTED?



# **METHODOLOGY**



# **METHODOLOGY**

# 2. ESTABLISH CRITERIA TO AID IN PRIORITIZING **INVESTMENTS**

Key criteria across a range of issues were derived from public, stakeholder and steering committee input. The criteria address issues related to equity, ecology, economics, and user experience and enjoyment. A weighting exercise was used to compare the relative importance of the individual criteria.



### SOCIETY

### PUBLIC INTEREST IN LAKEFRONT CONNECTIVITY

Public interest in connecting existing adjacent lakefront public parks and access points to one another (parallel to shoreline).

### EASE OF PUBLIC ACCESSIBILITY

Ability to physically connect a specific stretch of shoreline to existing or planned inland public access points (rights-of-way, parks, etc.).

### PROXIMITY TO EXISTING PUBLIC LAKEFRONT ACCESS POINTS

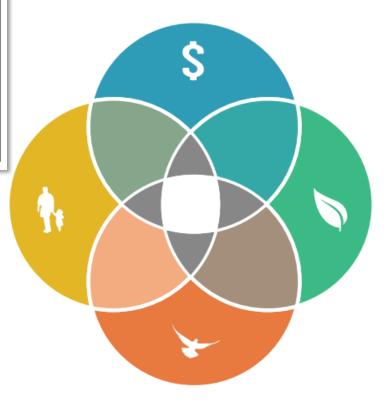
Potential for a specific trail segment to expand access at existing lakefront public access points or provide new access in areas without existing public lakefront access.

### EQUITABLE ACCESS (BOTH INCOME + RACE FACTORS)

Potential for a specific shoreline segment to increase public lakefront access for underserved/invested communities (based on income and race/ethnicity) within the county.

### GREATEST POPULATION SERVED

Serving the greatest number of people with proximity to a specific segment of shoreline.





### PRIORITY AMENITIES + ACTIVITIES

Degree to which a specific segment of shoreline supports/expands access to recreational activities and opportunities most desired by the community.

### UNIQUE NATURAL ASSETS

Degree to which access to a specific segment of shoreline provides access to a special natural area or unique natural feature (views, ecological resources, etc.) that is relatively uncommon within the county.



### PRIVATE INVESTMENT ATTRACTION

Potential for public investment in trail development along a specific stretch of shoreline to support existing, or act as a catalyst for attracting new private investment / economic development.

### PROTECTS EXISTING PRIVATE ASSETS

Level to which investment in a specific stretch of shoreline will help retain or protect privately-owned land and improvements along the lakefront that may be subject to loss from shoreline and bluff erosion.

### PROTECTS EXISTING PUBLIC ASSETS

Level to which investment in a specific stretch of shoreline will help retain or protect existing public improvements (roads, utilities, parks, etc.) along the lakefront that may be subject to loss from shoreline and bluff erosion.



### SHORELINE EROSION / STABILITY

Degree to which a specific shoreline segment may be eroding and unstable based on high-level visual review and knowledge of local geology and which may be stabilized through shoreline protection investment.

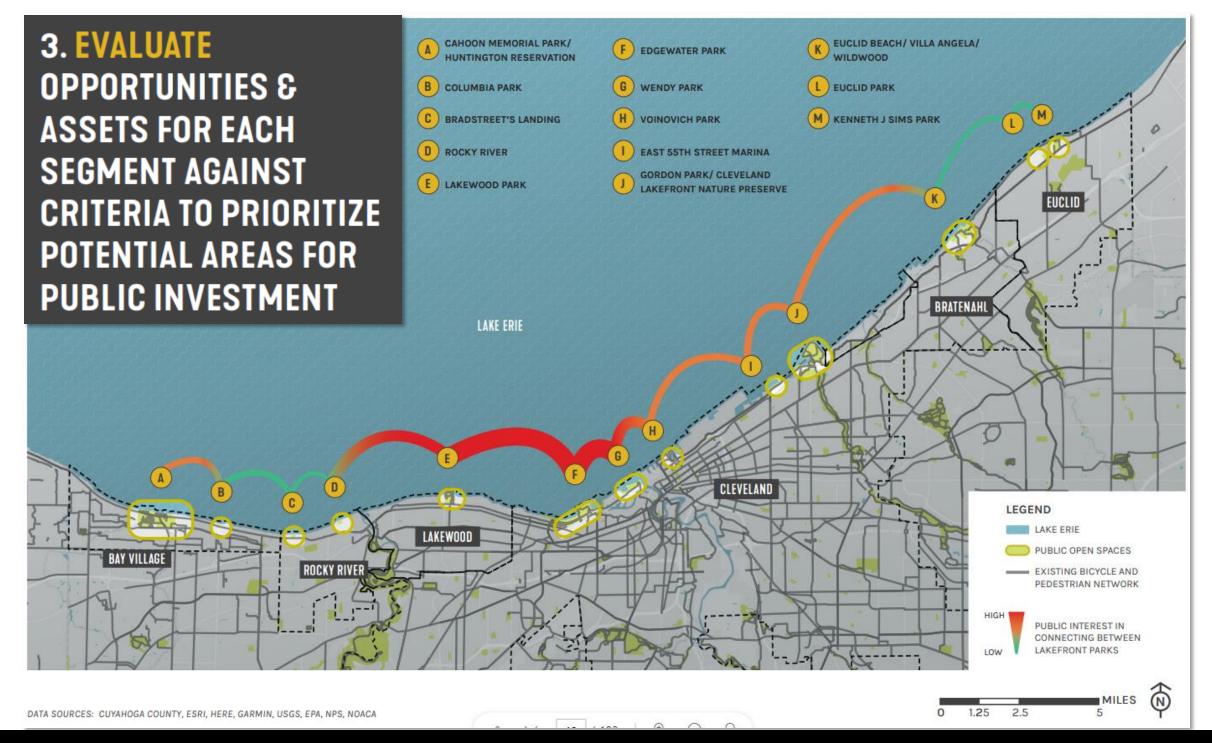
### HABITAT ENHANCEMENT

Degree to which investment in a specific shoreline segment may support the protection, enhancement, and/or creation of habitat (and benefit from potentially attracting funding to help implement the project).

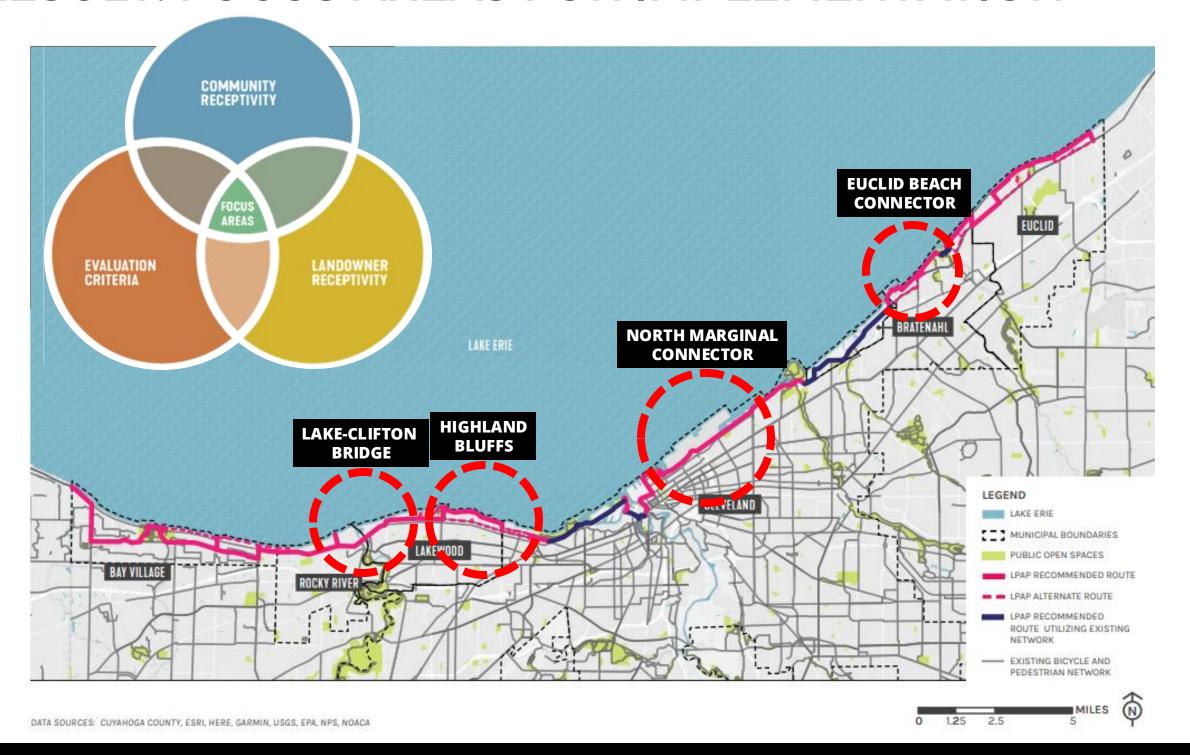
### FLOODING + STORMWATER ENHANCEMENT

Degree to which investment in a particular segment of shoreline may be integrated with mitigation measures to help address localized flooding or known stormwater infrastructure deficiencies (and benefit from potentially attracting funding to help implement the project).

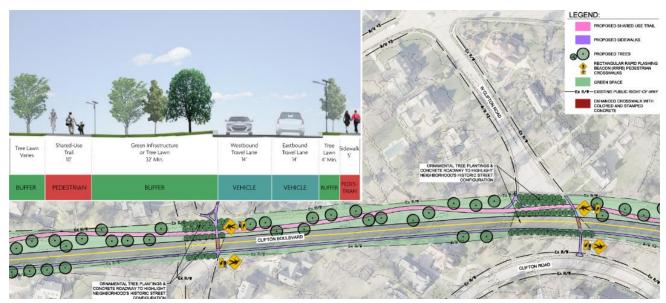
# **METHODOLOGY**

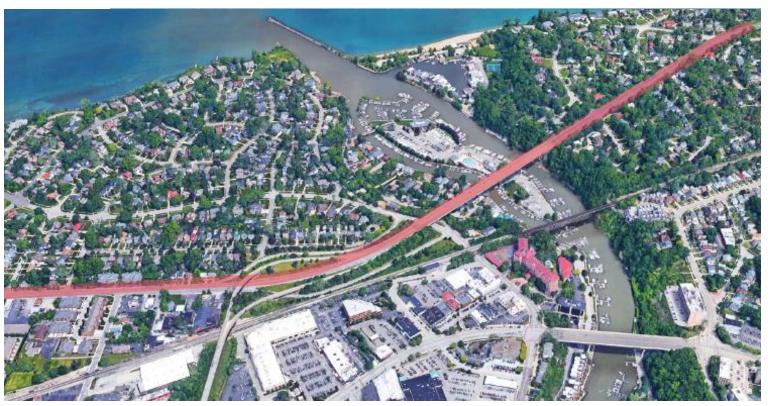


# THE RESULT: FOCUS AREAS FOR IMPLEMENTATION



# FOCUS AREA IMPLEMENTATION: LAKE-CLIFTON BRIDGE







### **Fast Facts**

- Road diet across bridge includes linear park elements
- 1.2 mile new multi-modal connector linking communities and county

### Schedule

- Conceptual alternatives complete
- Preliminary design & engineering: Q2 2022 Q2 2023
- Construction: Q2 2025- Q4 2026

### Budget

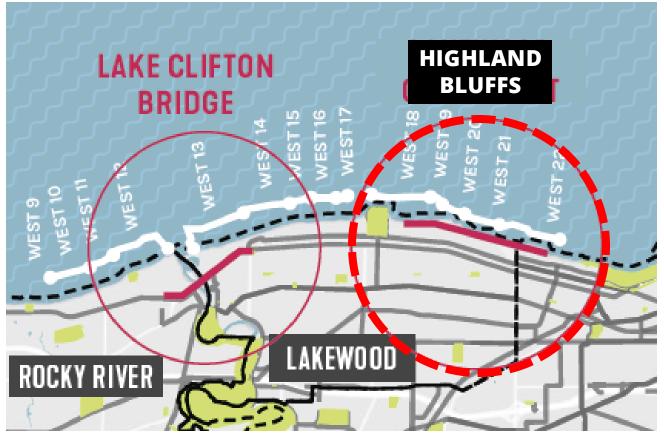
• \$9-10M

### **Funding Exploration**

\$800k City of Lakewood & \$400k City of Rocky River

# FOCUS AREA IMPLEMENTATION: HIGHLAND BLUFFS







### Fast Facts

- Lakefront parcels valued at over \$254M
- 3800 linear feet (0.70 miles) of shoreline access
- 13 properties within 40-60 ft of bluff top
- 2022 private erosion mitigation spending likely \$4-\$8M

### Schedule

- Site Investigations: Complete January 2022
- Master Plan: Q2 2022 Q4 2023
- Preliminary design & permitting: Q1 2024 Q3 2025
- Construction: TBD

### Budget

• \$52.3M Preliminary Estimate

### **Funding Exploration**

- \$150k ODNR Coastal Management Assistance
- \$900k FEMA Hazard Mitigation Grant Program

## FOCUS AREA IMPLEMENTATION: NORTH MARGINAL CONNECTOR







### **Fast Facts**

- Addition of multi-purpose trail where no facilities exist
- 2.7 mile new multi-modal connector linking downtown and lakefront assets (Rock Hall @ East 9<sup>th</sup> to East 55<sup>th</sup> Marina)

### Schedule

- Design & engineering: Q2 2022 Q4 2023
- Construction: Q2 2024 Q4 2025

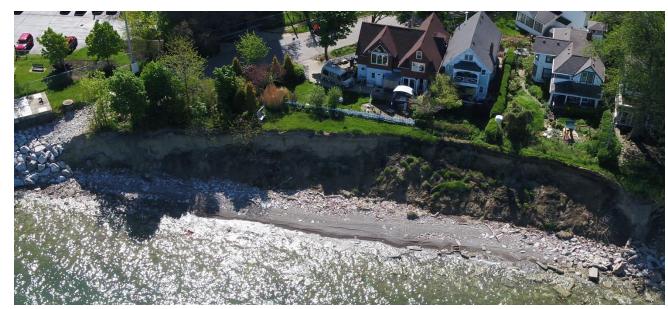
### Budget

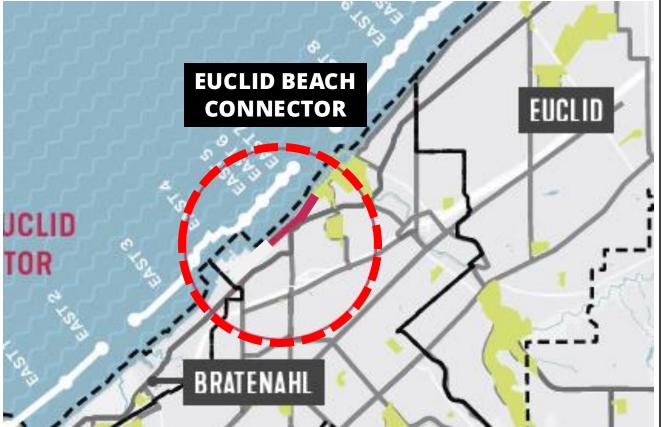
• \$11M

### **Funding Exploration**

- \$5.6M NOACA Carbon Reduction Program
- \$5M Mandel Foundation Grant to Cleveland Metroparks

# FOCUS AREA IMPLEMENTATION: EUCLID BEACH CONNECTOR







### **Fast Facts**

- 2/3 of a mile of rapidly eroding lakefront
  - Phase 1 1700 feet (0.32 miles)
  - Phase 2 1600 feet (0.30 miles)
- NEORSD, Metroparks, Cleveland, County and private landowner partnership

### Schedule

- Design & engineering: Q2 2022 Q4 2023
- Construction: Q2 2024 Q4 2025

### **Budget**

• \$16M

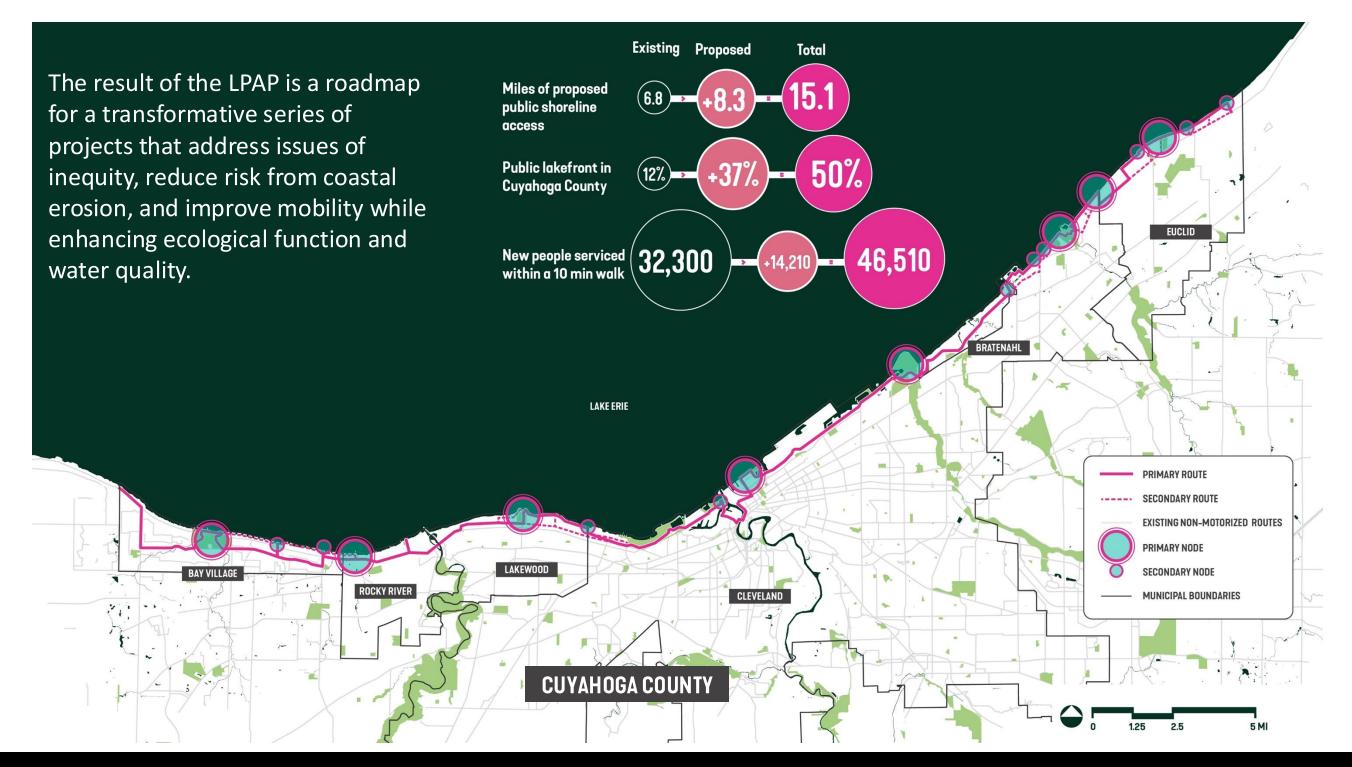
### **Funding Exploration**

- \$1M Ohio Emergency Erosion Assistance Grant
- \$150k Natureworks
- \$480k FEMA Hazard Mitigation Grant Program
- \$1.5M LWCF Outdoor Legacy Partnership Program
- \$1.5M NEORSD
- \$3M City of Cleveland

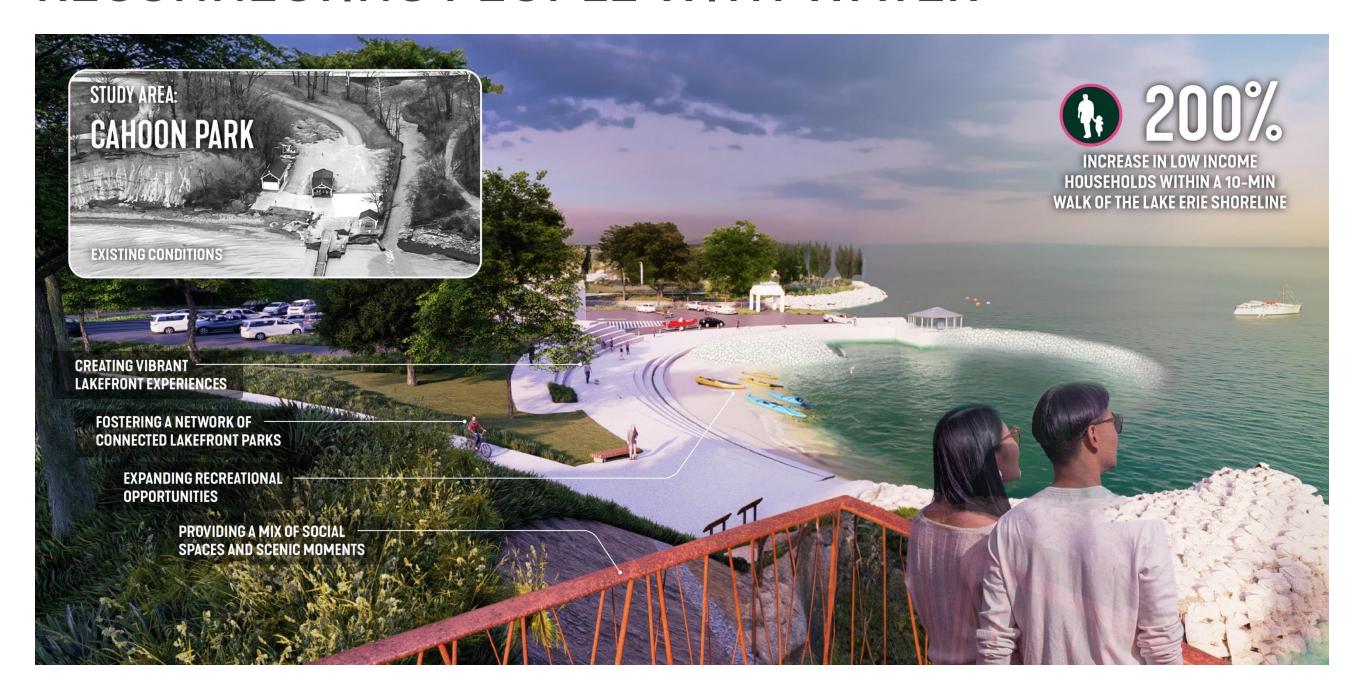
# FOCUS AREA IMPLEMENTATION: EUCLID BEACH CONNECTOR



# A PLAN ADDRESSING COMPLEX ISSUES AT SCALE



# RECONNECTING PEOPLE WITH WATER



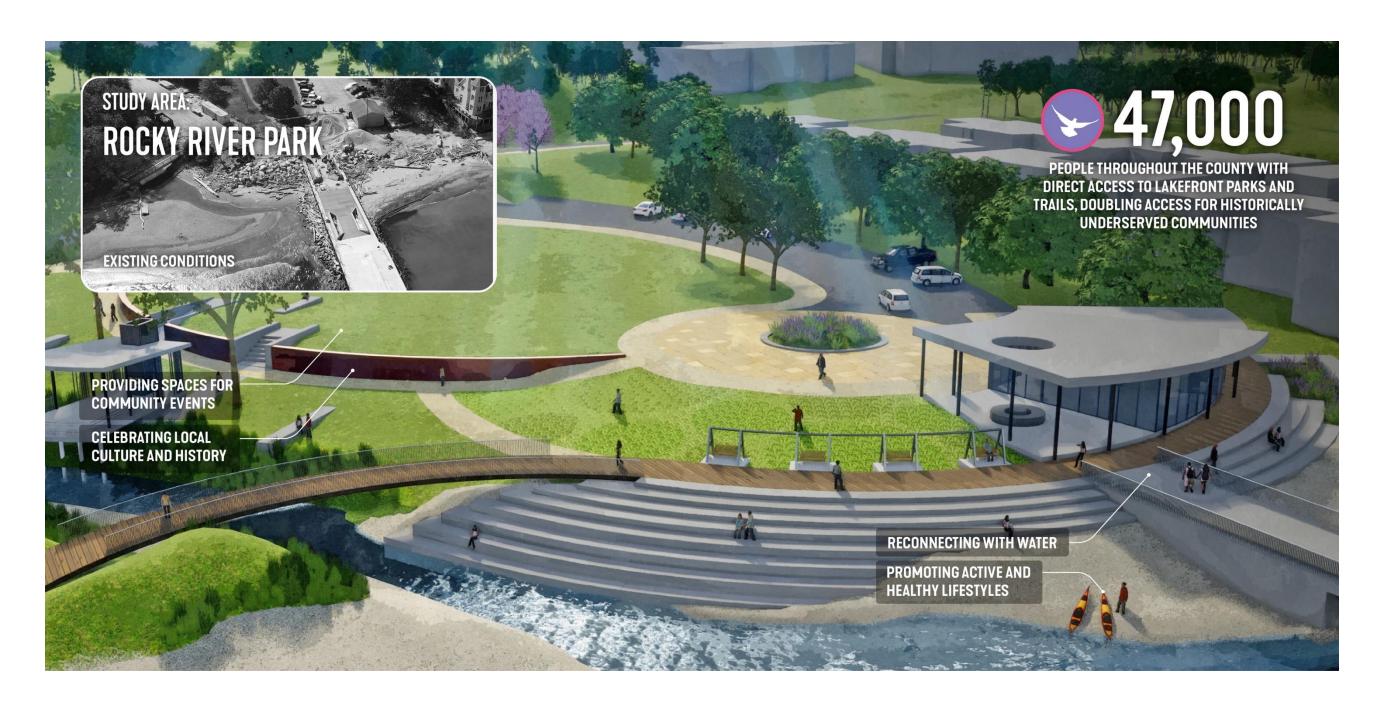
# HEALING OUR WATERS BY RESTORING NATURAL SYSTEMS



# TAMING THE HUNGRY LAKE



# LAKEFRONT PARKS AND TRAILS FOR ALL





# RESILIENT COASTAL PROJECTS INITIATIVE

PLANNING SOLUTIONS FOR ACCESS, EROSION AND OTHER COASTAL CHALLENGES

- Hazards
- Opportunities
- Training & education

Municipalities / **Communities** 

### Coastal **Engineers & Water Scientists**

- Nature-based solutions
- Resilience + habitat + access

- Fit with existing regional plans
- Permitting
- Project socialization

**Regional Expert** Advisors









# REGIONAL EXPERT ADVISORS

### **SOCIALIZING & VETTING RESILIENCE PROJECTS**



































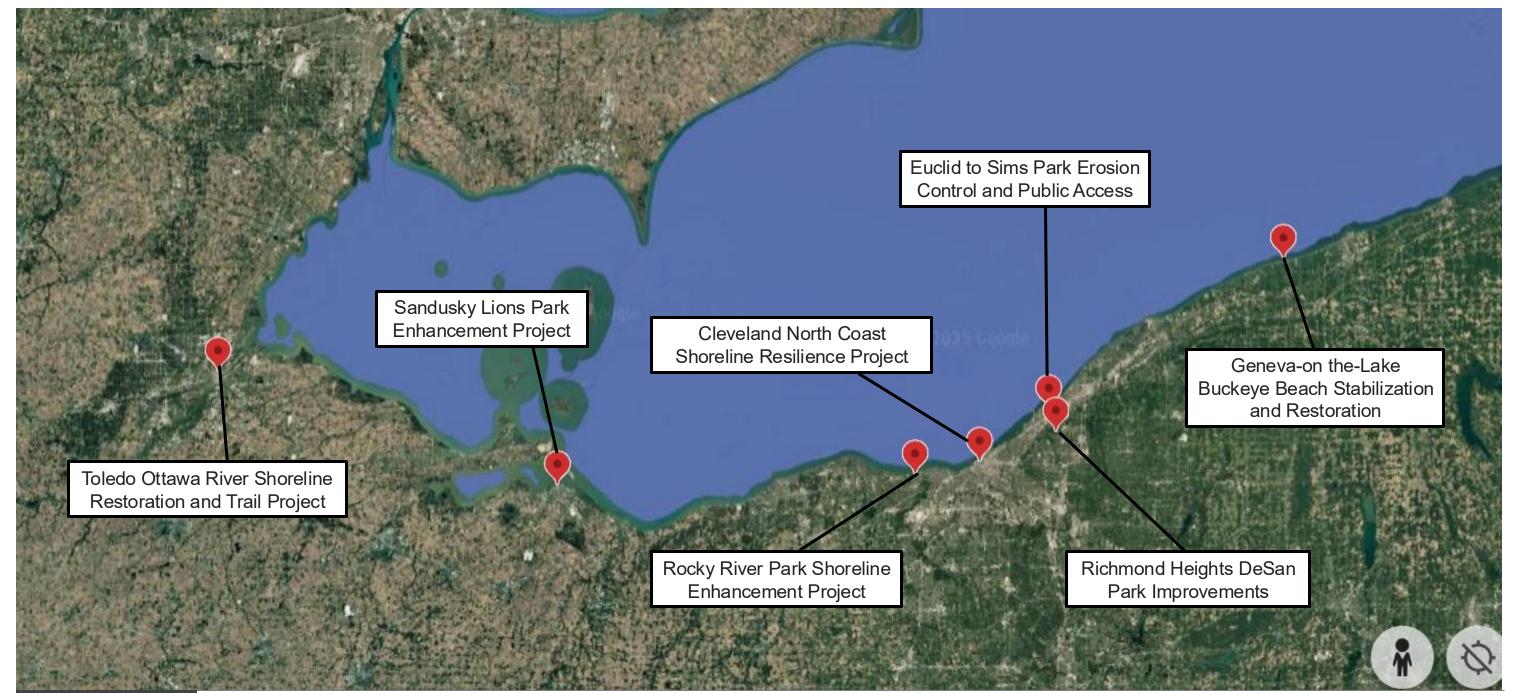


**US Army Corps** 

of Engineers®

# OHIO COASTAL RESILIENCE PROJECTS

### PLANNING AND BUILDING CAPACITY ACROSS THE OHIO LAKE ERIE SHORELINE



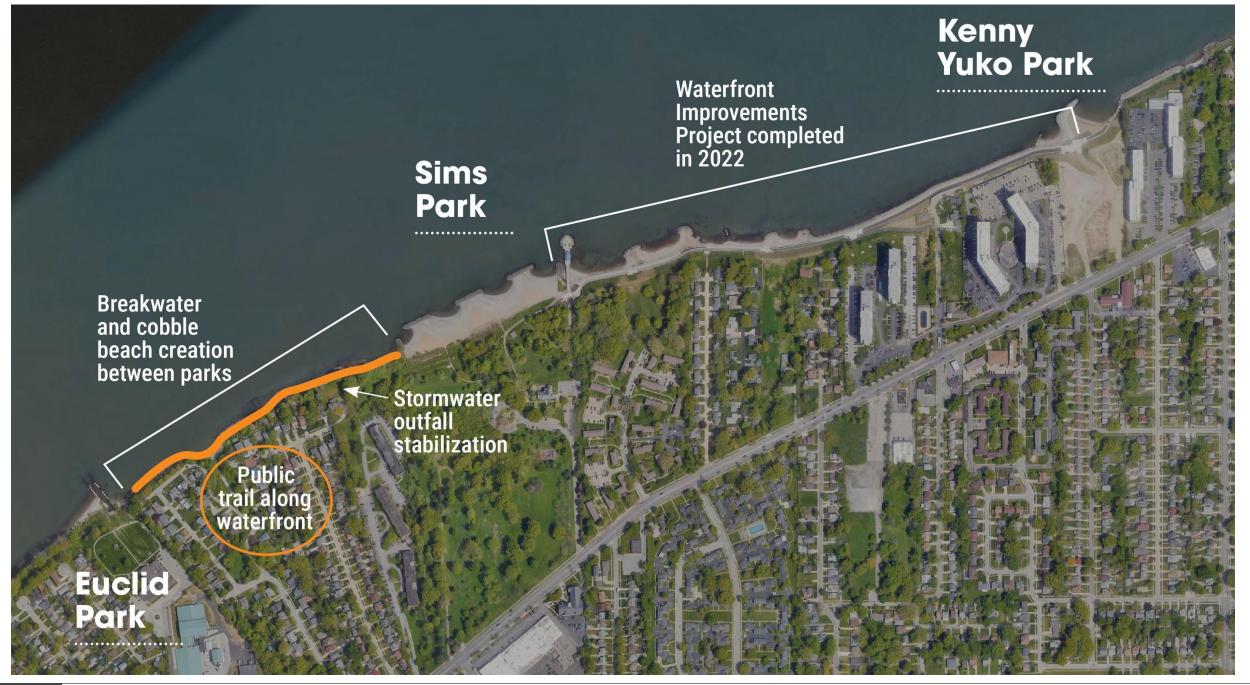






# **EXPANDING THE EUCLID MODEL**

### **EUCLID TO SIMS PARK EROSION CONTROL AND PUBLIC ACCESS PROJECT**







# SCALING SUCCESS BASIN-WIDE

### SHARING KNOWLEDGE AND ADVANCING PROJECTS



58 projects concept plans

E&D plans

30 16.9 million dollars





A RECIPE FOR SUCCESS vous comoto ponce. add per pepper pepel vith grice. powder /2 I teach rot 3 whole cloves I boy leaf pepper ne toust Box. remove green pepper 1. THINK BIG, START SMALL INVOLVE STAKEHOLDERS EARLY ARTICULATE THE BENEFITS MAKE IT UNDERSTANDABLE & COMPELLING PLAN TO IMPLEMENT CONSISTENCY IS KEY









1) THINK BIG, START SMALL





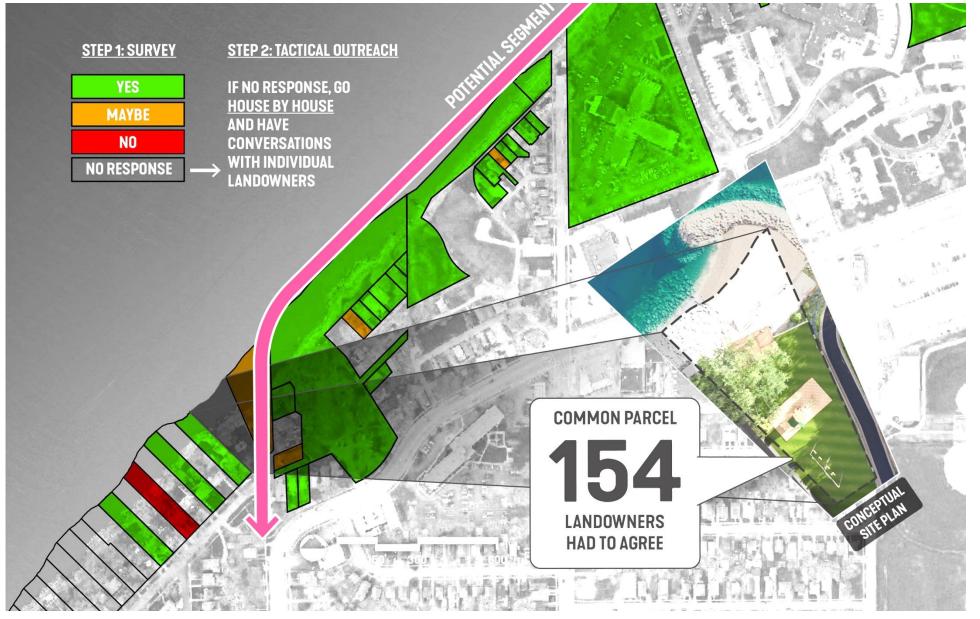


2) INVOLVE STAKEHOLDERS EARLY

- > THOSE RESPONSIBLE FOR IMPLEMENTING IT
- > THOSE THAT CAN SLOW OR HALT PROGRESS
- > THOSE DIRECTLY IMPACTED / WITHIN THE PLANNING AREA









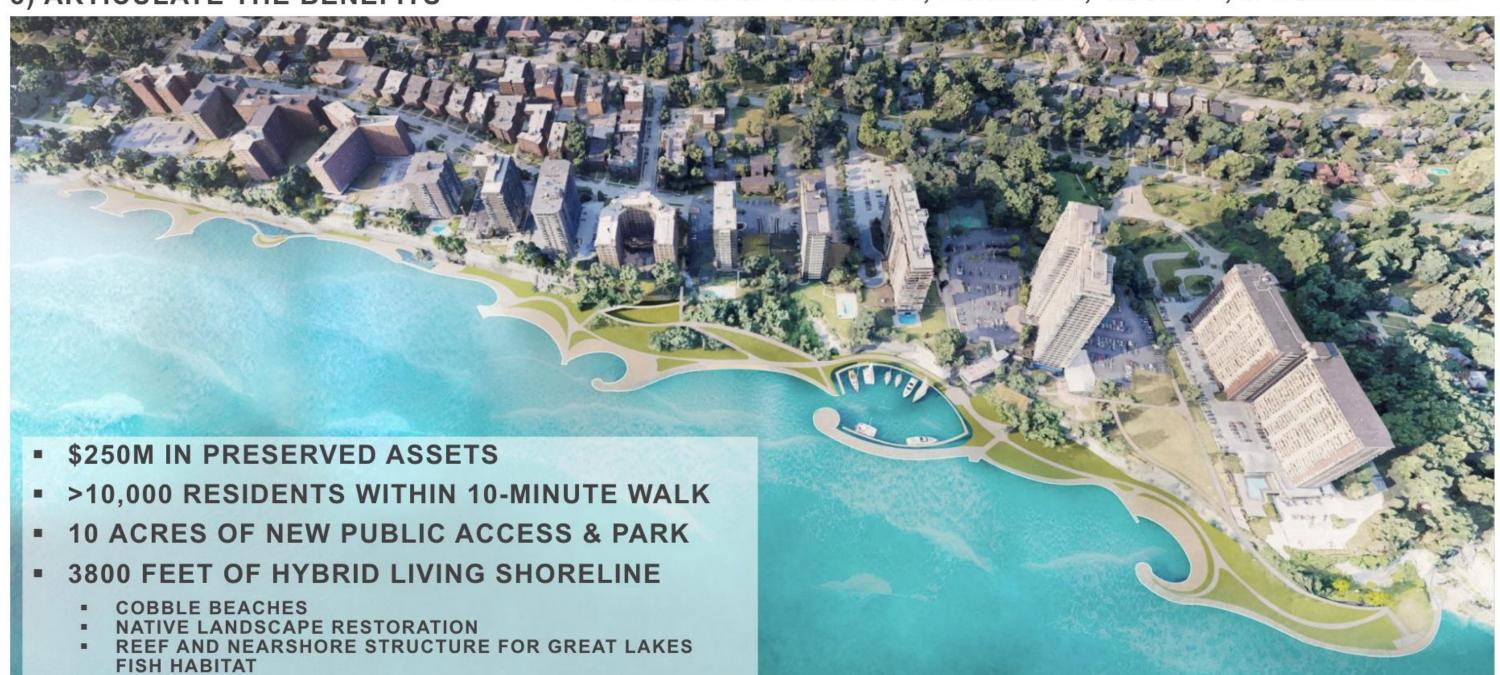




# MASTER PLANNING > QUALITATIVELY & QUANTITATIVELY

3) ARTICULATE THE BENEFITS

> LENSES OF ECOLOGY, ECONOMY, SOCIETY, & HUMAN SPIRIT



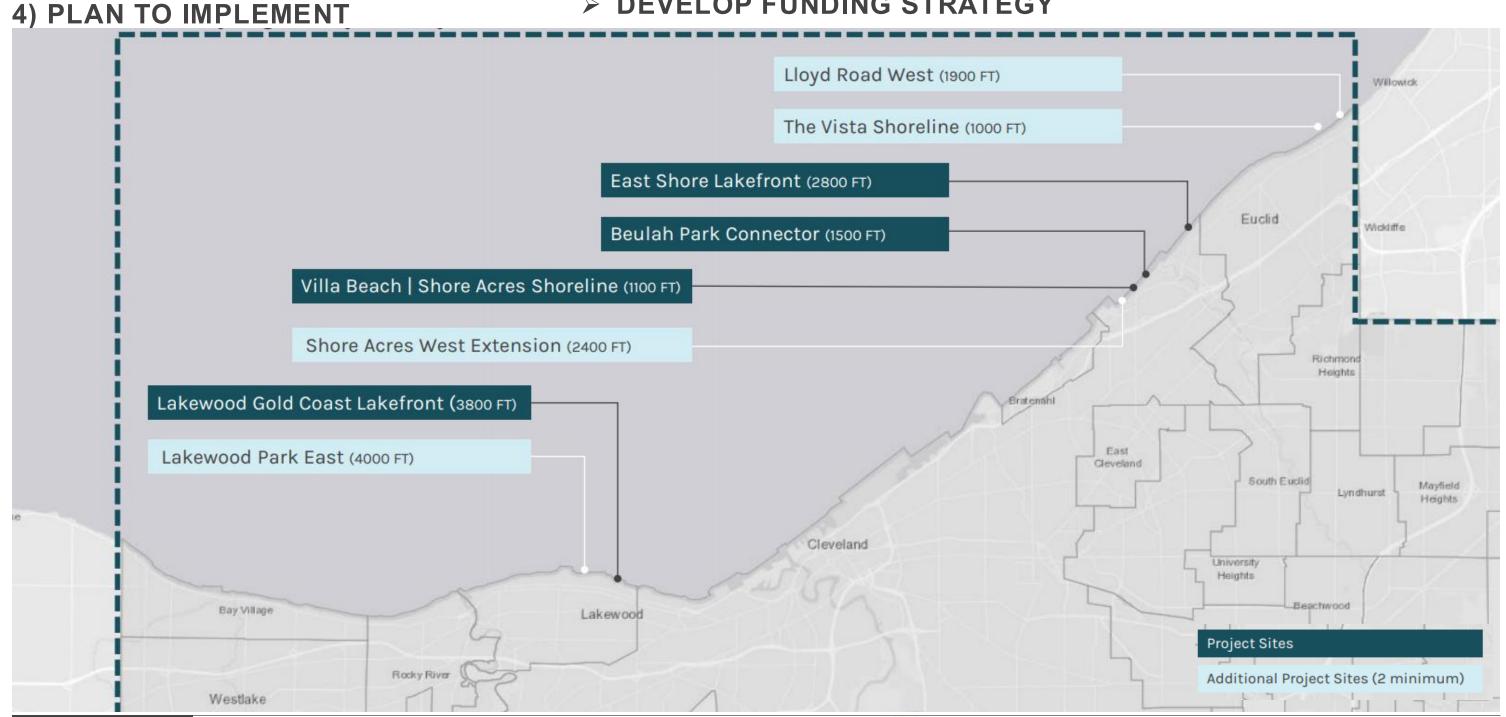






# MASTER PLANNING > START NEXT STEP BEFORE FINISHING THE PREVIOUS

- > DEVELOP FUNDING STRATEGY











5) MAKE IT UNDERSTANDABLE & COMPELLING

- > UNDERSTANDING BOLSTERS MOMENTUM
- > PLANS, PERSPECTIVES, AND SECTIONS
- > VIRTUAL & AUGMENTED REALITY









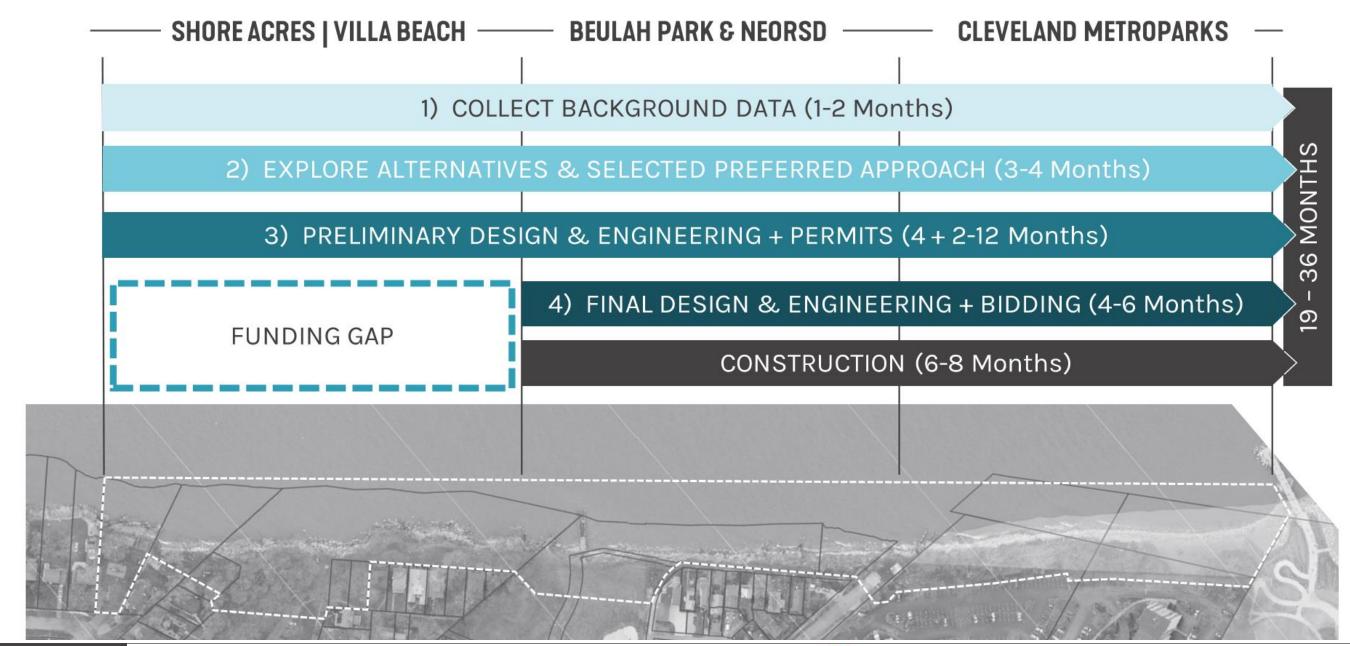






6) CONSISTENCY IS KEY

- > INVOLVE THE SAME PEOPLE (RELATIONSHIPS ARE KEY)
- > SHARE A CONSISTENT MESSAGE
- > IDENTIFY PROJECT CHAMPIONS (BEYOND THOSE ELECTED)







### LET'S BRAINSTORM

- > PAIR UP! (2-3 PEOPLE IDEALLY)
- > SHARE FOR 20 MINUTES
- QUICK COMMON THEMES REPORT OUT



- 1. Discuss a water-related issue which exists in your community that is critical but complex to address? Select one that necessitates partners and needs more than just funding to address.
  - (e.g. include coastal erosion, flooding, limited public waterfront access, water quality, habitat loss, and climate adaptation.)
- 2. Amongst your partner group, brainstorm stakeholders (off all types) that may be involved in each of your projects/challenges.
- 3. What is the biggest hurdle or challenge hindering the ability to advance to your project.

(e.g. no perceived solution, lack of funding, capacity/leadership...)







PARTING GIFTS...

# TAKE THESE!!!

Coming Together: Scaling Up Waterfront Planning Session Worksheet

Addressing complex issues and working on projects at scale requires thought and planning. Addressing complex issues and working on projects at scale requires thought an For the next 20 minutes, we would like you to think about a challenge facing your For the next 20 minutes, we would like you to think about a challenge lacing your organization or community and explore ideas on how to jumpstart the process of planning

Once you fill a table, partner with 2-3 people to discuss the questions below. Facilitators Unce you iiii a table, partner with 2-3 people to discuss the questions below. Facilitative and SmithGroup will be circulating to answer questions from the Great Lakes Cities initiative and SmithGroup will be circulating to answer que and listen in. At the end of 20 minutes the facilitators will report on common themes

- Discuss a water-related issue which exists in your community that is critical but complex to address? While there may be many, select one that necessitates partners complex to address? Willie there may be many, select one that necessitates partners and needs more than just funding to address. (Examples may include coastal erosion, flooding, limited public waterfront access, water quality impairment, habitat loss, and
- 2. Amongst your partner group, brainstorm stakeholders that may be involved in each of Amongst your partner group, prainstorm stakeholders that align with the your projects/challenges. Make sure to identify stakeholders that align with the
- 3. What is the biggest hurdle or challenge hindering the ability to advance to your project what is the biggest nature of changing minuering the ability to adv (e.g. no perceived solution, lack of funding, capacity/leadership...)

Jason Stangland, SmithGroup's Waterfront Director, offered six important keys for successful master planning. The keys are summarized below:

- 1. Think Big, Start Small use a broad lens when planning but find something small that can be implemented or built from the plan's recommendations. Celebrate it to sustain
- 2. Involve Stakeholders Early include those that a) are directly impacted by a project, b) will be responsible for its implementation, and c) have the potential to slow or stop
- 3. Articulate the Benefits both qualitatively and quantitatively, and across a broad range
- 4. Plan to Implement begin the next step before the plan is finalized. Don't wait for the
- pian to be complete.

  5. Make it Understandable & Compelling helping stakeholders and residents envision
- the outcome poisters support and ownership.

  6. Consistency is Key Be consistent with your message and the people involved from beginning to end.



**SMITHGROUP** 

# **LEAVE THIS!!!**

NEED HELP?	
Name:	
Community/Organization:	
Email: Phone:	
Priorie:	
I would like help thinking through a project or chal	lenge.
Please briefly summarize the project or challenge t schedule a time to talk about it.	that you are trying to solve. We will reach out to you to
I would be interested in obtaining a digital copy of	today's presentation.
☐ I would like to hear more insights regarding success	• •
I would like to hear more insights regarding success	ssidi master pianning m a lollow-up session.
<ul> <li>Please list any specific aspects you'd like u</li> </ul>	us to include: (e.g. funding, economics of resilience,
nature-based resilience strategies, etc.)	
Zoë Kuntze	Jason Stangland
	Jason Stangianu
GLSLCI Sr Coastal Programs Manager	SmithGroup Waterfront Practice Director

GREAT LAKES AND ST. LAWRENCE L'ALLIANCE DES VILLES

Jason.Stangland@smithgroup.com

**SMITHGROUP** 







# COMING TOGETHER: SCALING UP WATERFRONT PLANNING

### THANKS FOR LISTENING & PARTICIPATING



Euclid
KIRSTEN HOLZHEIMER GAIL
Mayor
e: khgail@cityofeuclid.com











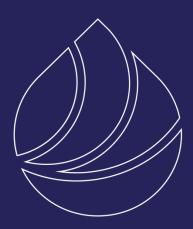
SMITHGROUP

JASON STANGLAND

Waterfront Director
e: jason.stangland@smithgroup.com







When we **scale up local successes**, we can protect the Future of Fresh Water.

# THANKYOU





**COME EXPLORE THE** 

# BIINAAGAMI GIANT FLOOR MAR

PÈRE MARQUETTE PARK 900 N. PLANKINTON AVE TODAY 5:30 PM - 6:00 PM





# MAYORS OPENING RECEPTION

MILWAUKEE COUNTY HISTORICAL SOCIETY 910 N DOCTOR MLK JR. DR TODAY – 7:00 PM

Presented by







MAY 14 - 16, 2025 MILWAUKEE, WI



