

An aerial photograph of a canal system. The canal is a narrow waterway flanked by concrete walls, with several kayakers in colorful kayaks (red, yellow, green) paddling through it. The canal is surrounded by lush green trees and a blue sky with scattered clouds. The text 'Reimagine the Canals' is overlaid in white, with a white wave graphic underlining the word 'Canals'.

# Reimagine the Canals

Design Open House

# Opening Remarks

John Canale

Vice President, Strategic Supply Management (SSM)

# Angelyn Chandler

Vice President, Planning

Reimagine the Canals

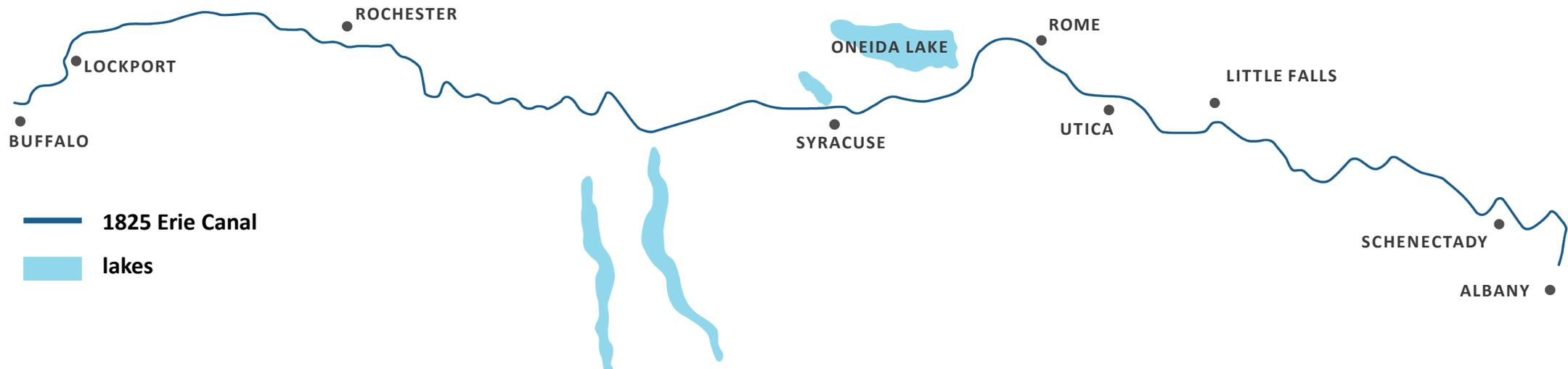
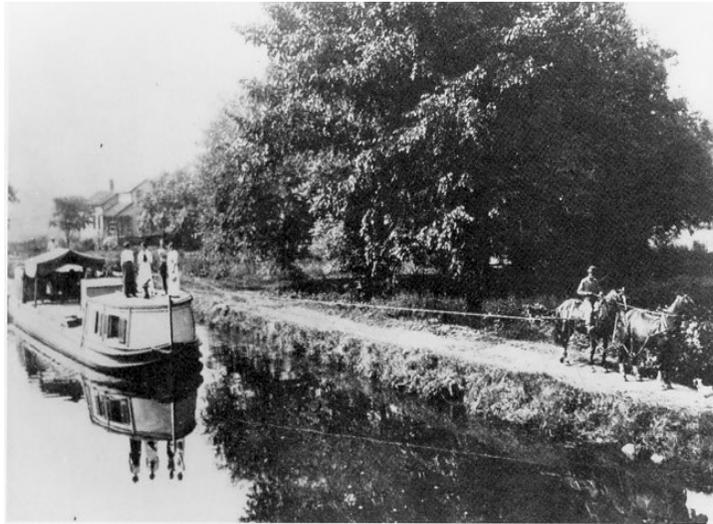
## DESIGN OPEN HOUSE

# Goals for the Reimagine the Canals Capital Program

- Make New York State designers aware of the Reimagine program and opportunities
- Economic development / grow jobs—including design, engineering, construction
- Highlight and support upstate design talent and innovation
- Be responsive to and supportive of local communities
- Provide opportunities to New York State firms of all sizes
- Encourage partnerships between smaller firms and larger firms (might be helpful to satisfy MWBE goals)

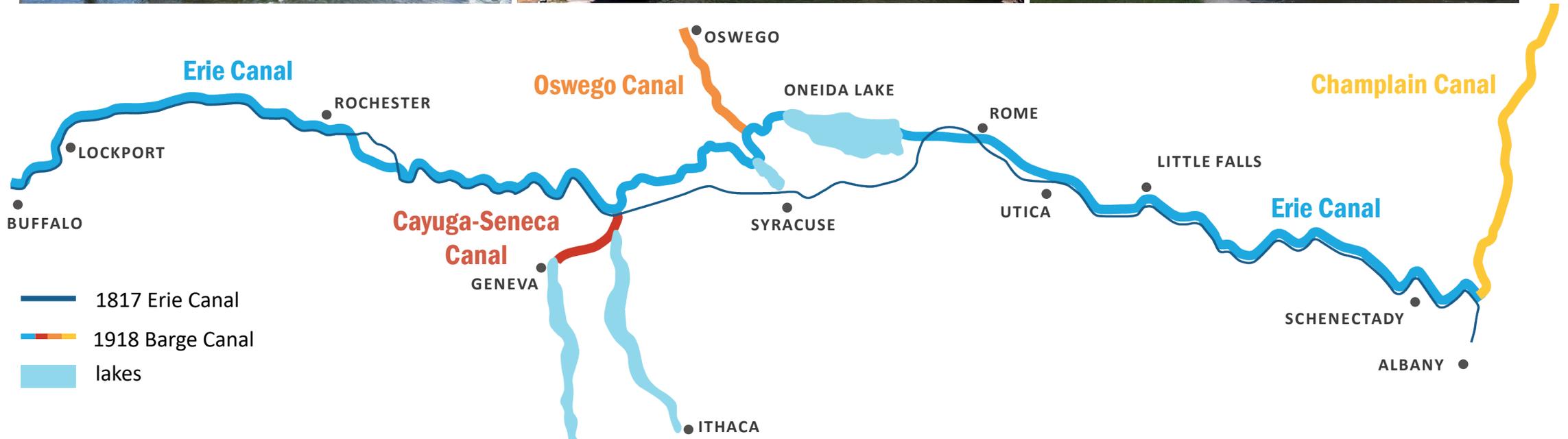
# 1825 ERIE CANAL

The storied Erie Canal was a commercial and financial success in the 19<sup>th</sup> century, making upstate towns centers for trade and catalyzing the growth of the nation.



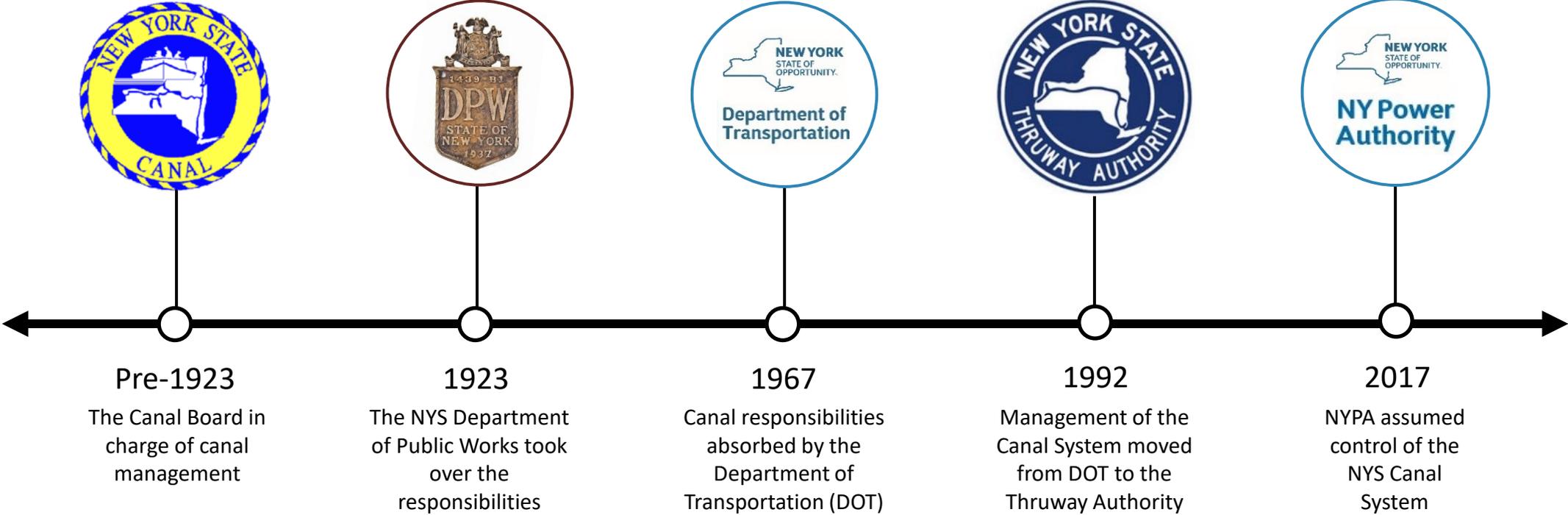
# 1918 NYS BARGE CANAL SYSTEM

The Erie Canal was expanded, relocated and rebranded as the New York State Barge Canal system in 1918 to compete for freight with the railway that ran along its route.



# CANAL HISTORY

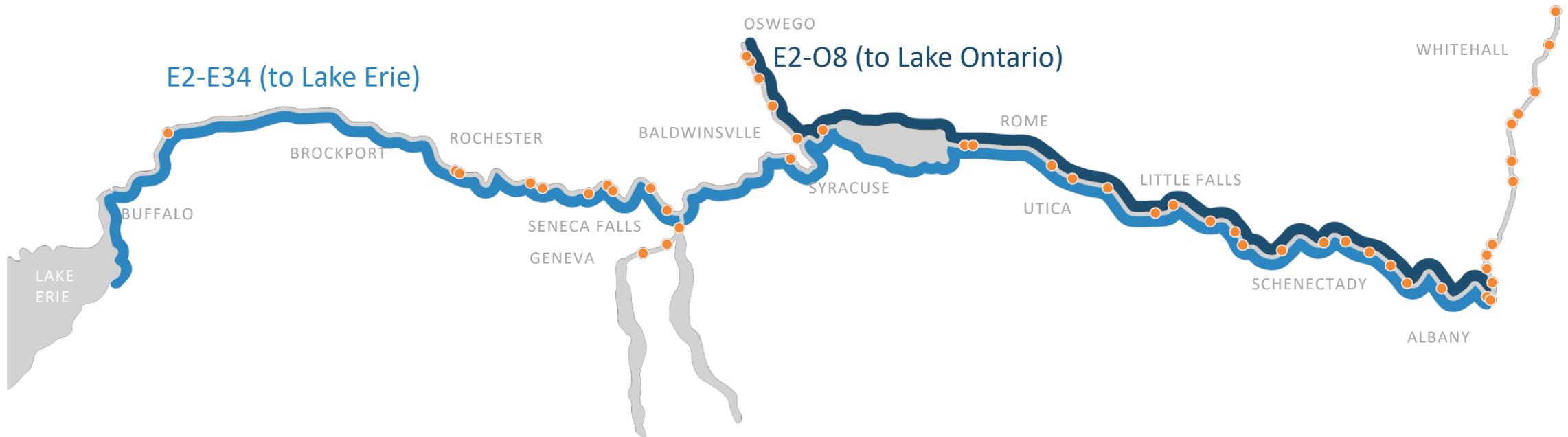
## Changes in governance



# LONG-DISTANCE RECREATIONAL BOATING

## Loopers on the NYS Canal System

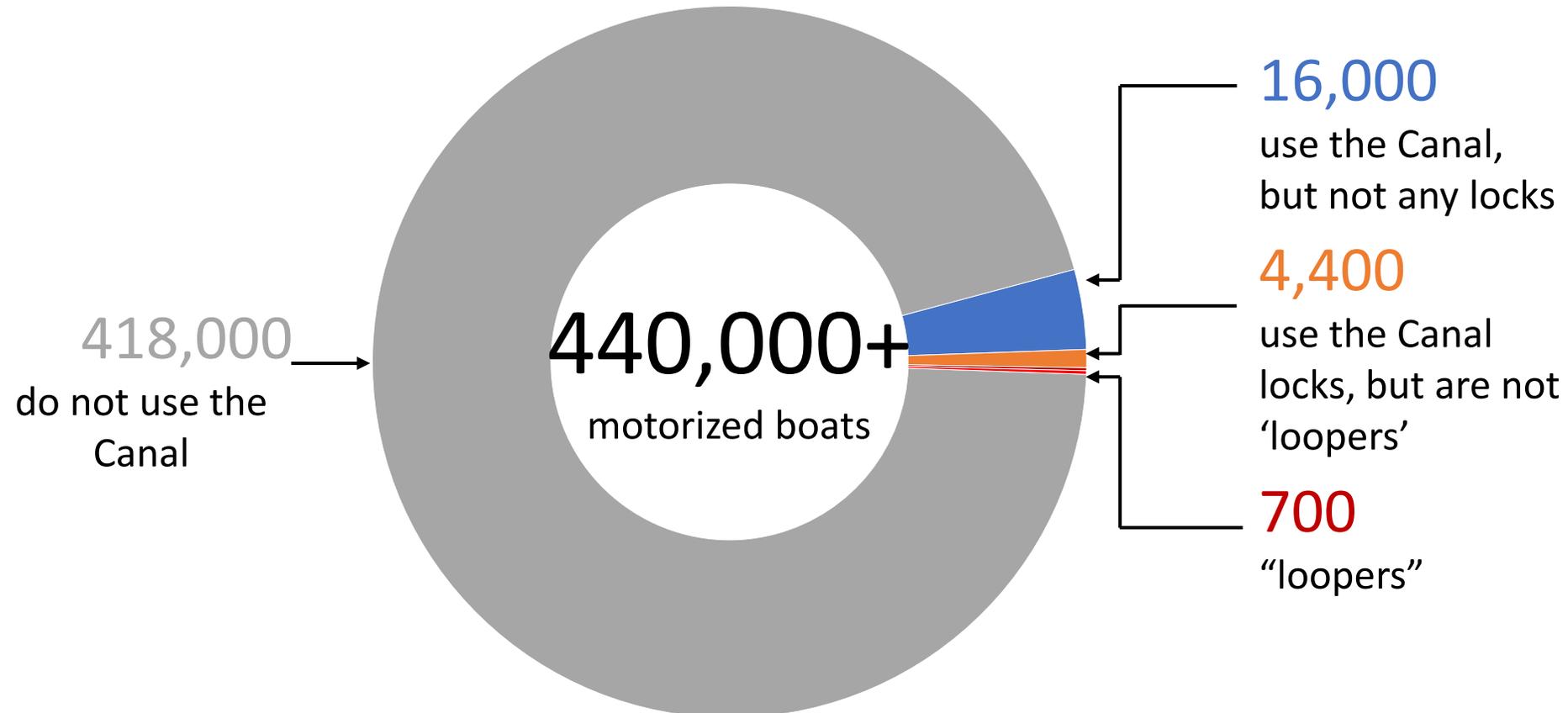
Approximately 700 lock-using canal boaters are 'loopers', 500 of which travel from Albany to Lake Ontario (via the Mohawk River portion of the Erie Canal, and Oswego Canal). The remaining 200 go all the way from Albany to Buffalo (along the entire Erie Canal). Both the 'looper' routes are shown below.



# LONG-DISTANCE RECREATIONAL BOATING

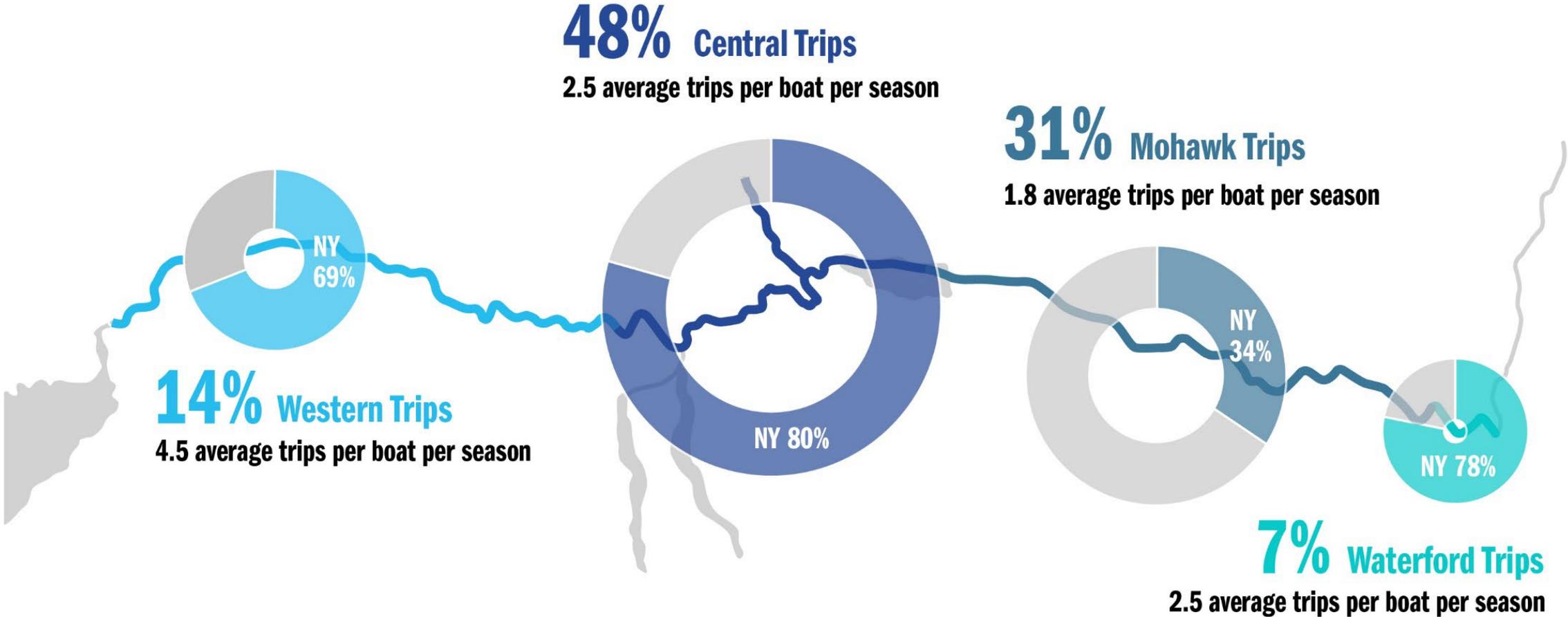
## Loopers on the NYS Canal System

Of the 440,000+ motorized boats that ply NYS waterways (440,000 registered in NYS), 21,000 use the Canal. Only 5,100 of these use locks, of which 700 are loopers.



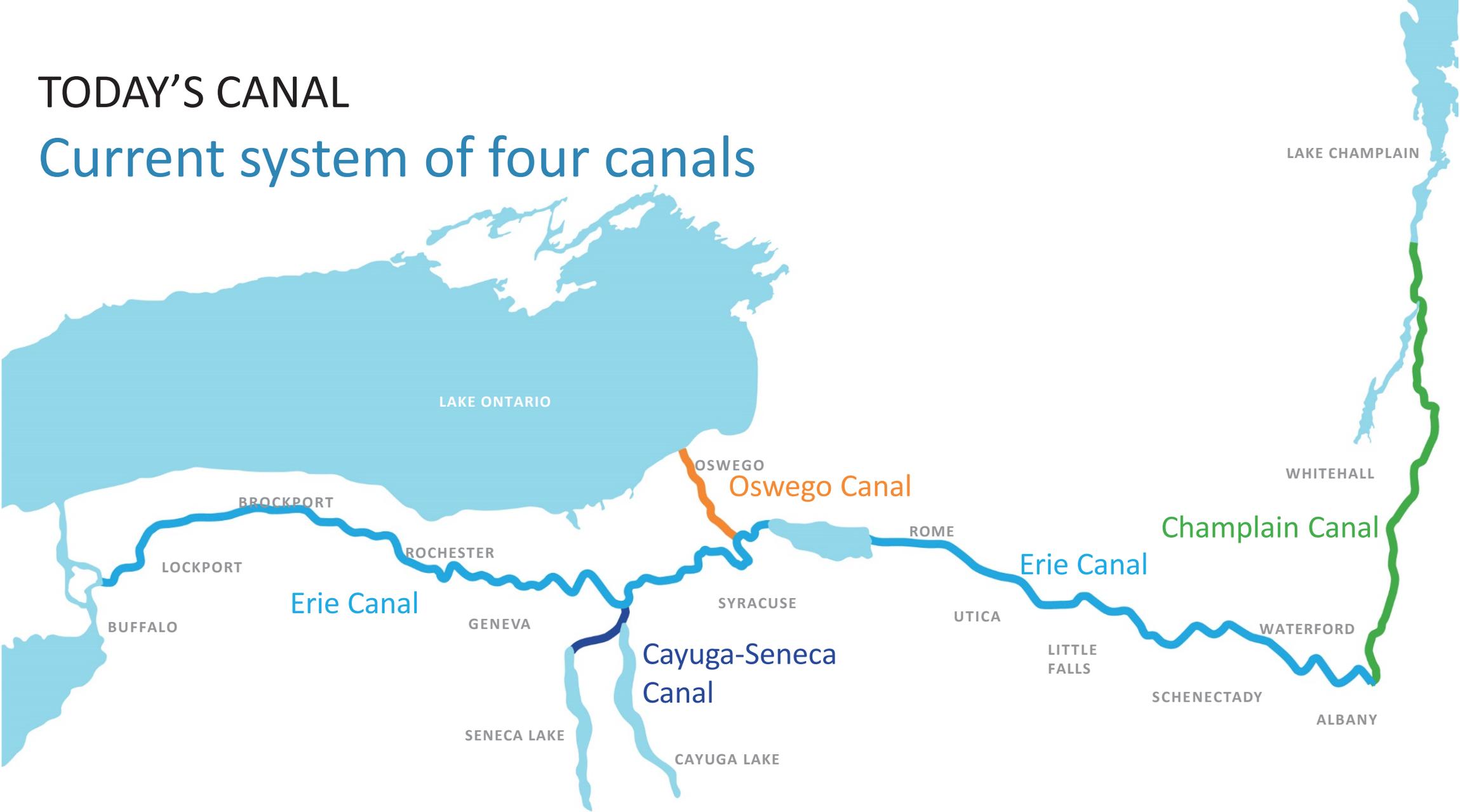
# TODAY'S CANAL

## Motorized boating heaviest in Central region



# TODAY'S CANAL

## Current system of four canals



# TODAY'S CANAL

## Three watersheds linked by the Canal

Niagara and Genessee  
River Watersheds

“Western Region”

Oswego River / Finger Lakes  
Watershed

“Central Region”

Mohawk River  
Watershed

“Mohawk Region”



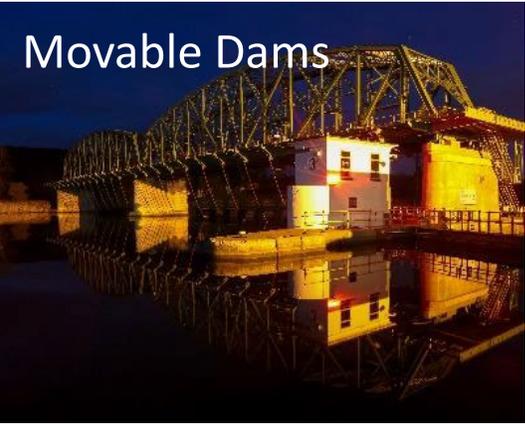
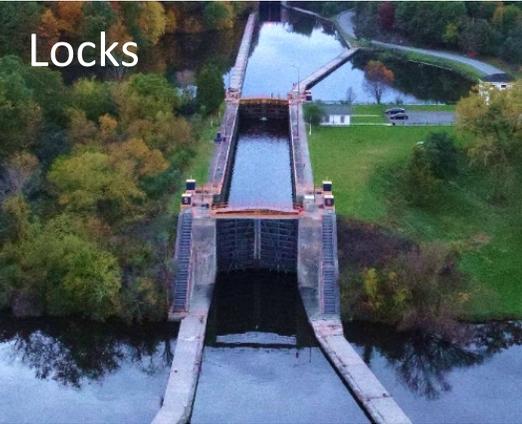
# TODAY'S CANAL

Canal provides seasonal passage only



# TODAY'S CANAL

## Water control and other infrastructure

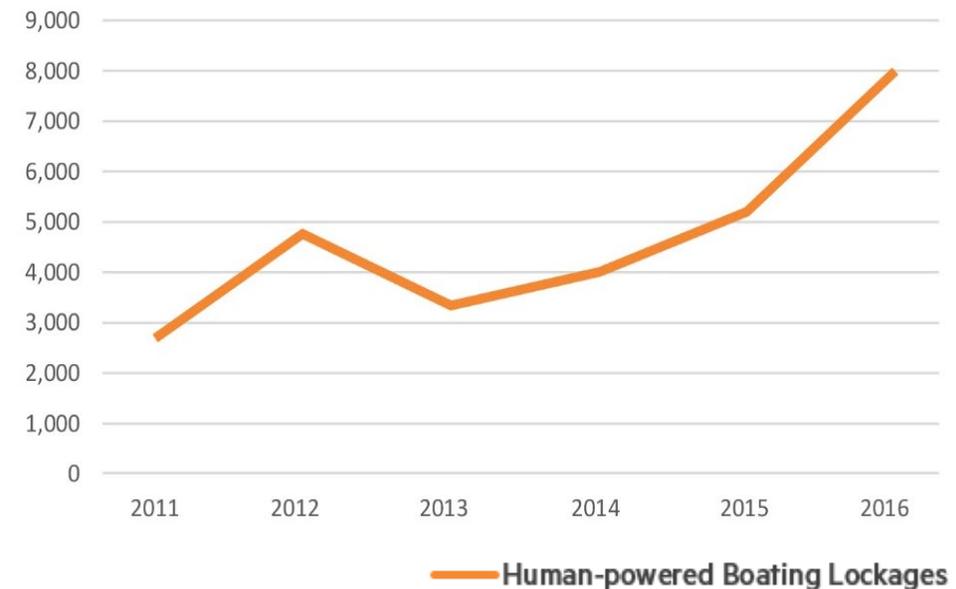
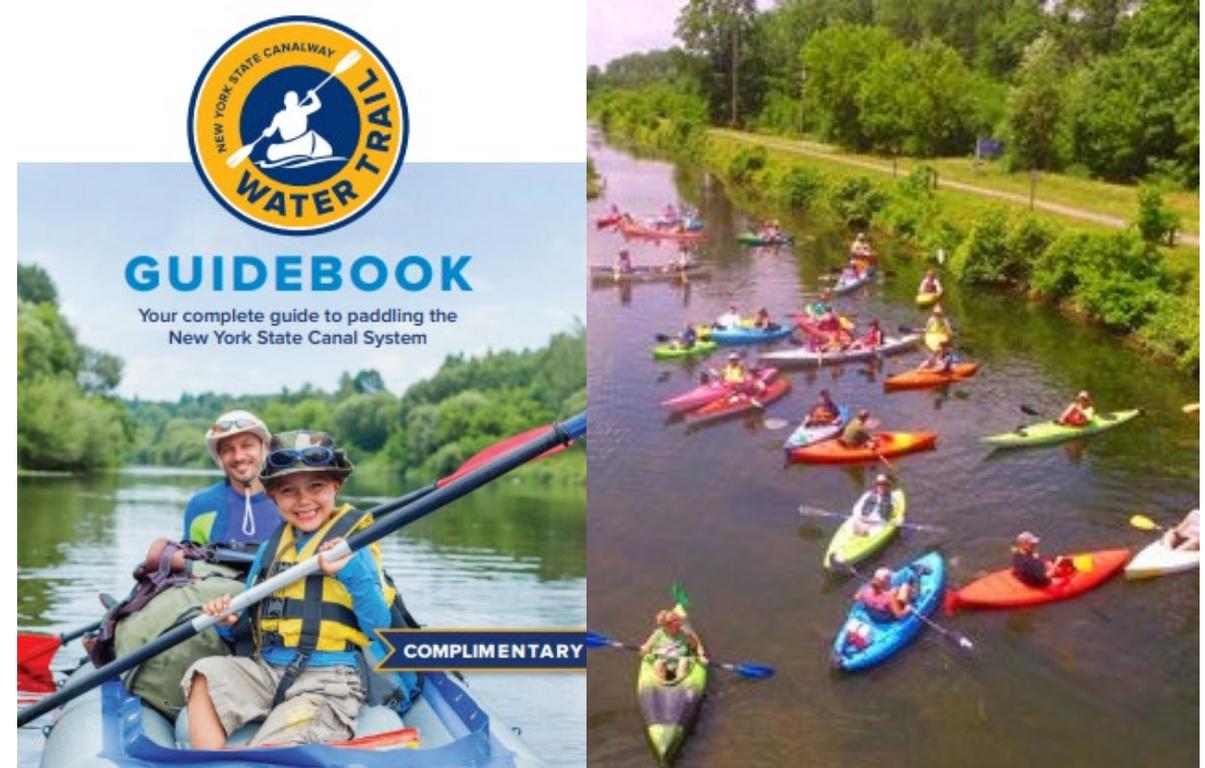


# TODAY'S CANAL

## Human-powered boating on the rise

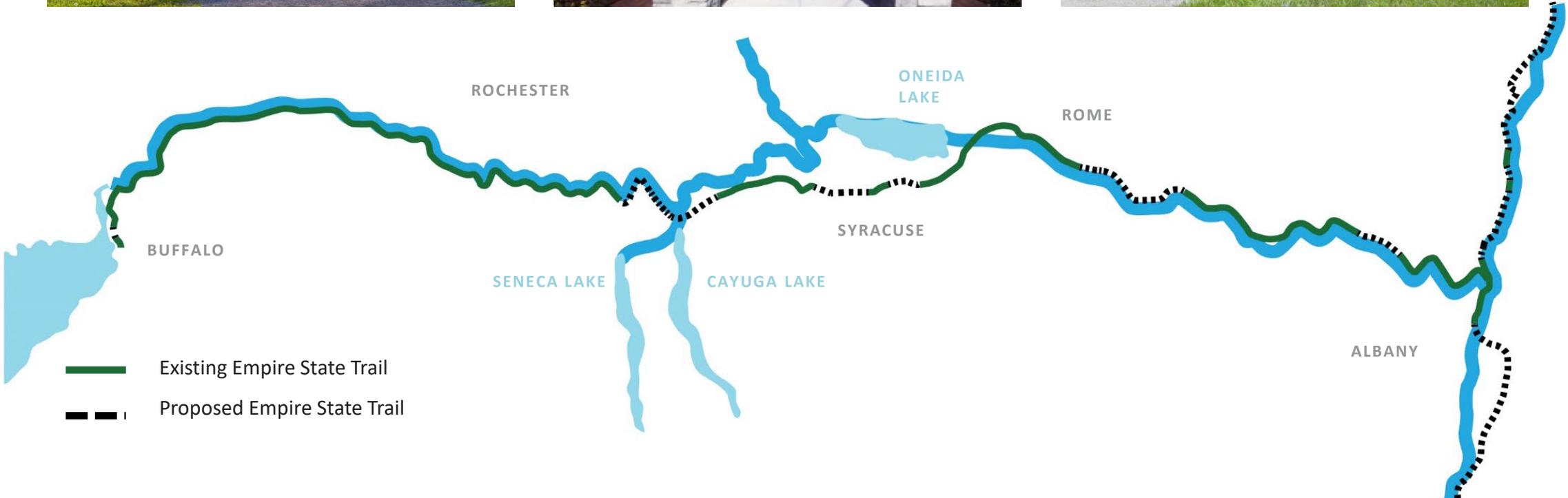
The majority of large kayaking/paddling events began in the past 5-6 years:

- Old Erie Canal Boat Float and Bash: June 2018
- Peddle Paddle Run: May 2017
- Canal Crawl: August 2016
- Paddle along the Mohawk: June 2014
- Seneca Monster: October 2014
- Oswego Paddlefest: August 2013
- Kayaking for Meso: September 2011
- Magic in Minetto: August 2011



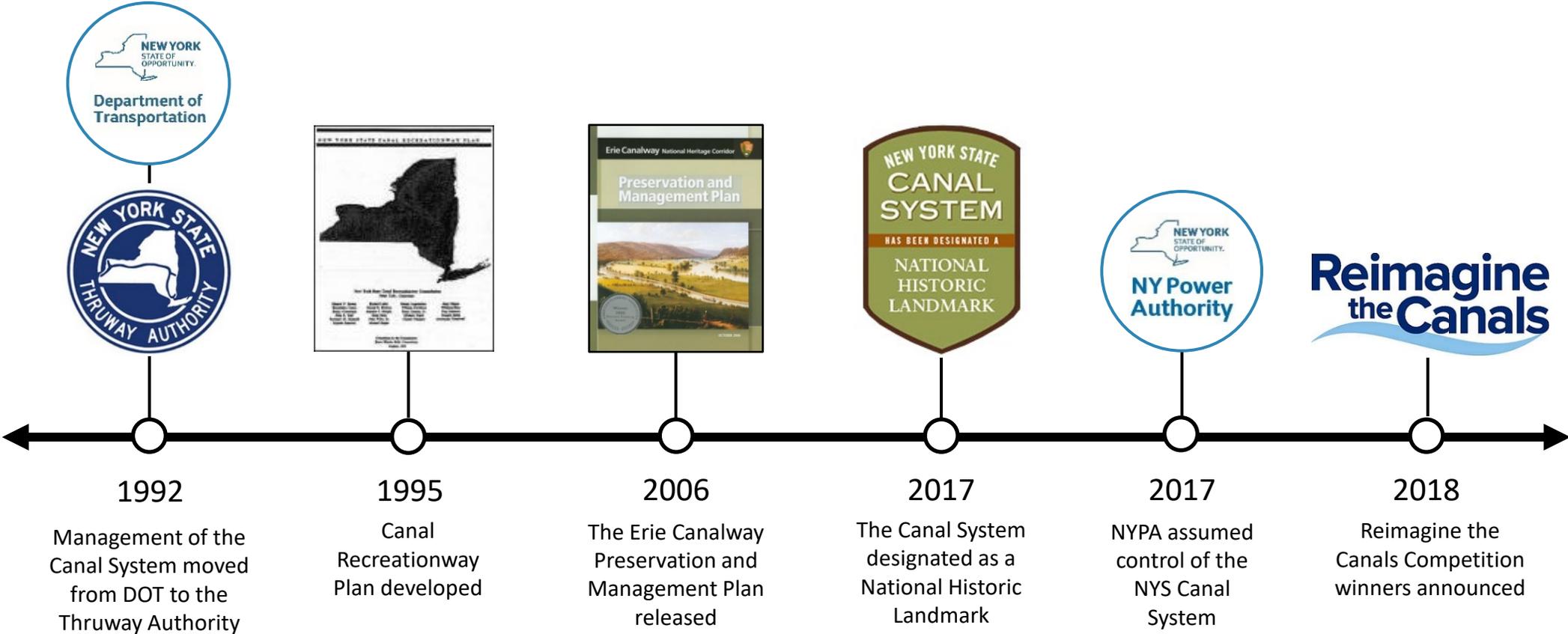
# TODAY'S CANAL

## Empire State Trail nearing completion



# CANAL HISTORY

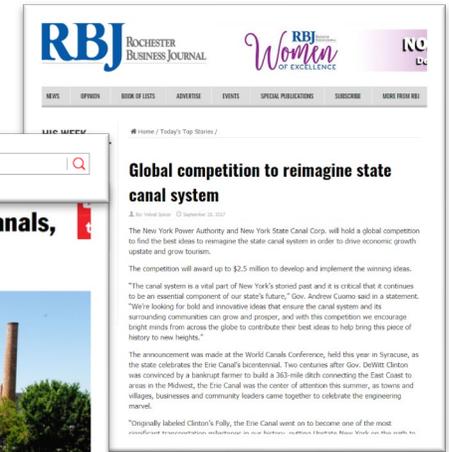
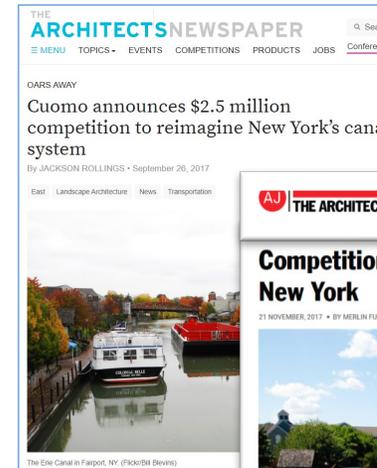
## A waterway long re-envisioned



# REIMAGINE THE CANALS

## Ideas competition

- In September 2017, Governor Cuomo announced a \$2.5 million global ideas competition to reimagine the New York State Canal System
- 145 entries were submitted, representing nine states and seven countries
- In October 2018, the two winners of the competition were revealed:
  - Erie Armada
  - Canalside Pocket Neighborhoods
- Many of the ideas from the *Reimagine the Canals* competition were further developed through a gubernatorial Task Force



# REIMAGINE IDEAS COMPETITION FINALISTS



## Erie Armada

Parks and Trails NY, AREA4,  
Joe Gustainis (advisor)

a multi-day festival and boat race that celebrates the canal's rich heritage with the beer industry



## Canal-side Pocket Neighborhoods

Madison County Planning Department, Stream  
Collective

planning and design of a new type of canal-side neighborhood in the Village of Canastota, which could be replicated in other canal communities



## Intra-Works

WRT, Interface Studio, Collective

development of a series of art and architectural destinations to forge a cultural identity for the canal



## Winterwaterway

CLUAA, John Ronan Architects,  
Urban Engineers

adaptive reuse of the canal in wintertime through the design of a winter recreational landscape along multiple canal stretches



## A Western New York Agricultural Irrigation District

SUNY ESF, C&S Engineers, Inc.,  
Cornell Cooperative Extension

a new model for irrigation using canal water that will increase agriculture production in Western NY



## Upstate Archipelago

Cornell Design, H+N+S landscape architecture, Pilar  
Llop Ripolles,  
SOAR (Cornell Cooperative Extension)

designs for resilient water landscapes that also provide public recreation space and wildlife habitat



## Go the Distance

Erie Canalway Heritage Corridor, Dorgan  
Architecture and Planning, 2K Design, Gray Slate  
Partners

an innovative form of overnight accommodations along the canal for cyclists, hikers and paddlers

# REIMAGINE THE CANALS

## Task Force announced, May 2019



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MAY 17, 2019 | Albany, NY

### Governor Cuomo Announces Major Initiative to Explore Reimagination of Erie Canal as a Catalyst for Economic Development and Resiliency

TOURISM

RECREATION



[No Title]

SHARE



# REIMAGINE THE CANALS

## Task Force members

### Western New York (Buffalo to Rochester)

Bob Duffy (Co-Chair), Andy Beers, Ron Bierstine, John Courain, Bruce Van Hise, Jill Jedlicka, Robert King, Jeff Williams, David Wolfe

### Central New York (Rochester to Rome)

Joanie Mahoney (Chair), Marie Cramer, Maureen Doyle, Chris Lajewski, Neil Murphy, Derrick Pratt, Bob Radliff

### Mohawk Valley (Rome to Albany)

Joe Martens (Co-Chair), Mike Arcuri, David Buicko, Leslie Becraft-Corrigan, Robin Dropkin, John Garver, Stu Gruskin, Bill Nechamen, John Robinson

**Ex-officio members (all subcommittees):** NYS Canal Corporation, Department of Environmental Conservation, Empire State Development, NYS Office of Parks, Recreation and Historic Preservation, Department of Agriculture and Markets, Department of State



# REIMAGINE THE CANALS

## Community engagement

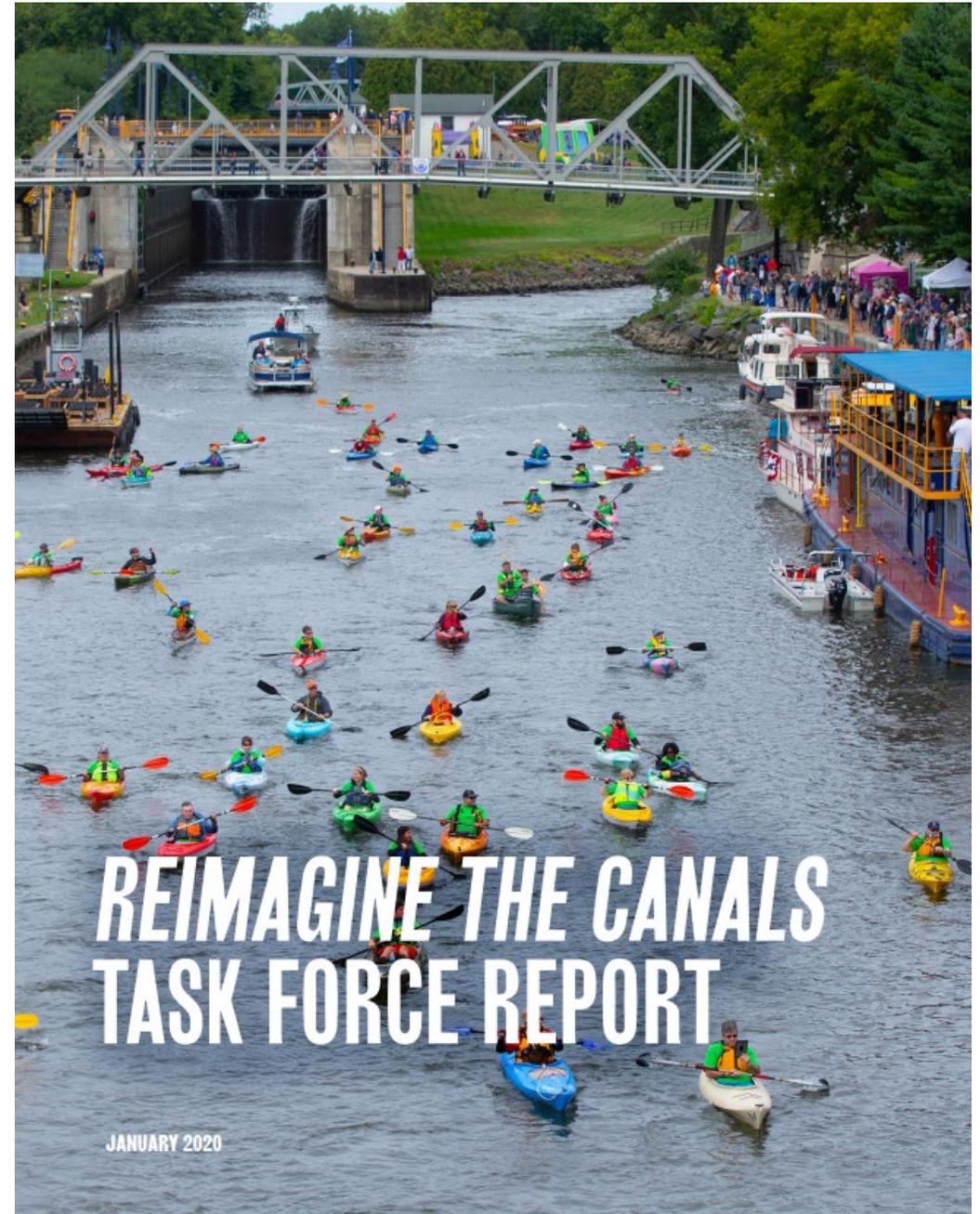
- The Rockefeller Institute, on behalf of the Task Force, gathered input from Canal communities by holding a series of public workshops in July
- Over 250 comments were additionally submitted to the Institute's online survey platform through the public engagement process
- A series of stakeholder focus groups was organized by BuroHappold and Task Force members, bringing together topical stakeholders and experts from a wide range of fields
- The input from these sessions helped shape the Task Force's findings



# REIMAGINE THE CANALS

## Task Force report

- The Task Force set out to:
  - identify potential new uses for the Erie Canal and its infrastructure
  - evaluate how the Erie Canal can support and enhance economic development
  - identify new opportunities to enhance recreation and tourism and connect to the Empire State Trail
  - assess how the Erie Canal can help mitigate impacts from flooding and ice jams to improve environmental resiliency
  - discover opportunities for using Canal infrastructure to expand irrigation and recreational fishing
  - explore restoring wetlands and combatting invasive species
- The 31-person Task Force engaged with municipal leaders, stakeholders, local business owners, community members, scientists and other experts
- The Task Force's findings were released in [a report](#) on January 6, 2020



# REIMAGINE THE CANALS

## Governor Cuomo announced a proposal to Reimagine the Canal

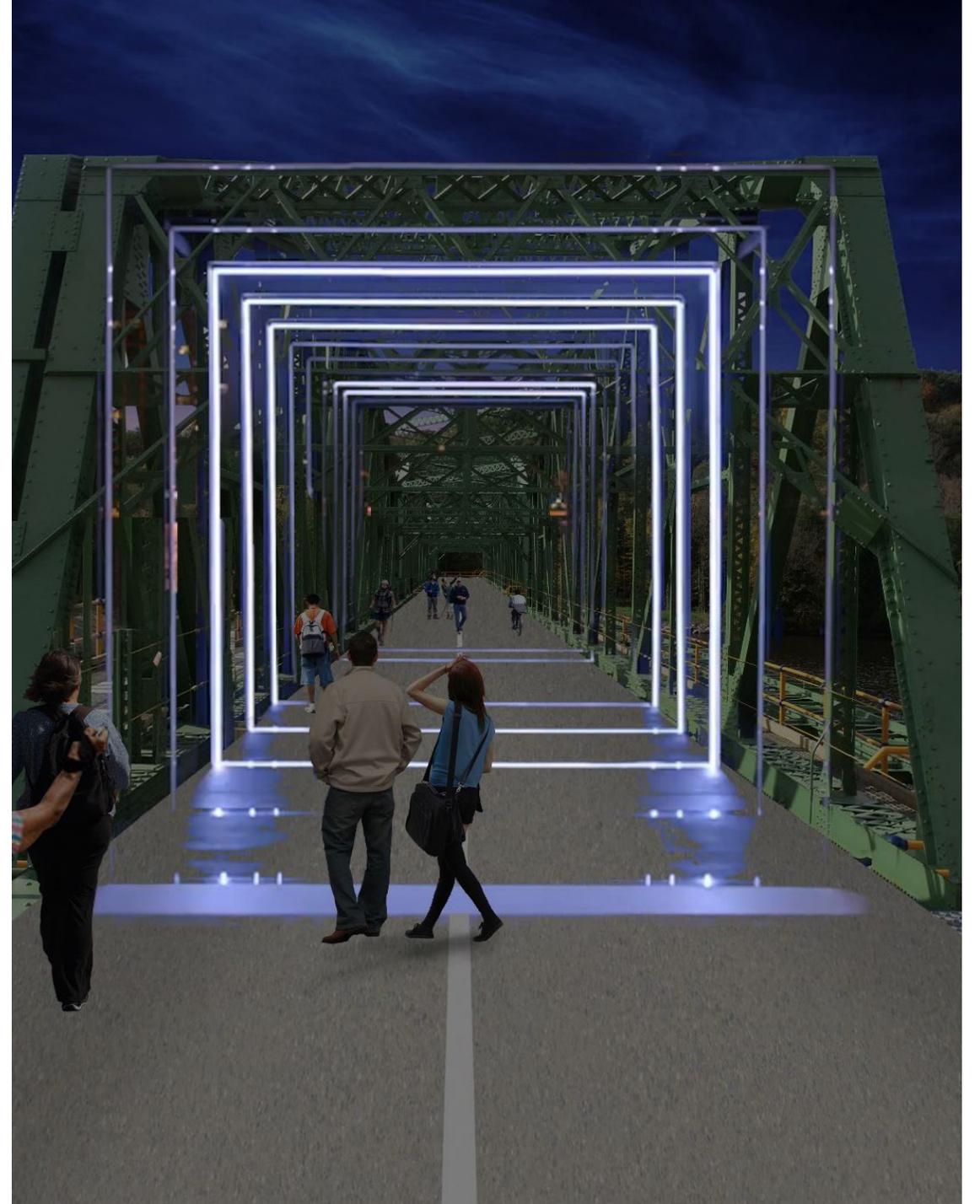
- Governor Cuomo recommended that the New York Power Authority approve a \$300 million investment over the next five years to build on the Task Force's findings:
  - \$100 million in economic development funding will be invested in adaptive reuse of canal infrastructure in communities along the Canal
  - \$65 million investment in solutions that will help prevent ice jams and related flooding in the Schenectady area
  - \$135 million in funding will subsequently be allocated to enhance irrigation and fishing opportunities, as well as pursue research recommended by the Task Force on solutions related to flood mitigation, invasive species prevention, and ecosystem restoration



# ECONOMIC DEVELOPMENT

## New economic development funding to invest in Canal communities

- \$100M in economic development funding will be used to support adaptive reuse projects that:
  - connect canalside communities to the Governor's Empire State Trail
  - celebrate historic Canal structures
  - expand water recreation
  - adapt industrial property for new uses
  - develop unique canalside attractions, activities, and accommodations
- Initially, \$25M of the above funding will be allocated to a specific set of initial projects



# ECONOMIC DEVELOPMENT Brockport Loop Bridge

The "Brockport Loop" in Monroe County will connect SUNY College at Brockport to the Empire State Trail and the village of Brockport through the transformation of a canal guard-gate into a pedestrian bridge and overlook.



# ECONOMIC DEVELOPMENT

## Iconic Lighting

Illumination of Canal infrastructure that will celebrate the Canal's heritage and its history as an engineering marvel.



# ECONOMIC DEVELOPMENT

## Whitewater destination near Seneca Falls

A new whitewater destination, at the north end of Cayuga Lake near Seneca Falls, will rely on existing water control infrastructure to construct an active water sports course adjacent to the Montezuma National Wildlife Refuge, to increase eco-tourism and sport visitors to the region.



# ECONOMIC DEVELOPMENT

## Guy Park Manor hospitality destination in Amsterdam

The historic Guy Park Manor, on the Mohawk River in Amsterdam, will be reborn as a hospitality destination. On the opposite side of the river, additional overnight accommodation along the Empire State Trail will be connected to the site via a new pedestrian bridge over the existing Canal lock and movable dam.



# ECONOMIC DEVELOPMENT Canalside Pocket Neighborhood in Canastota

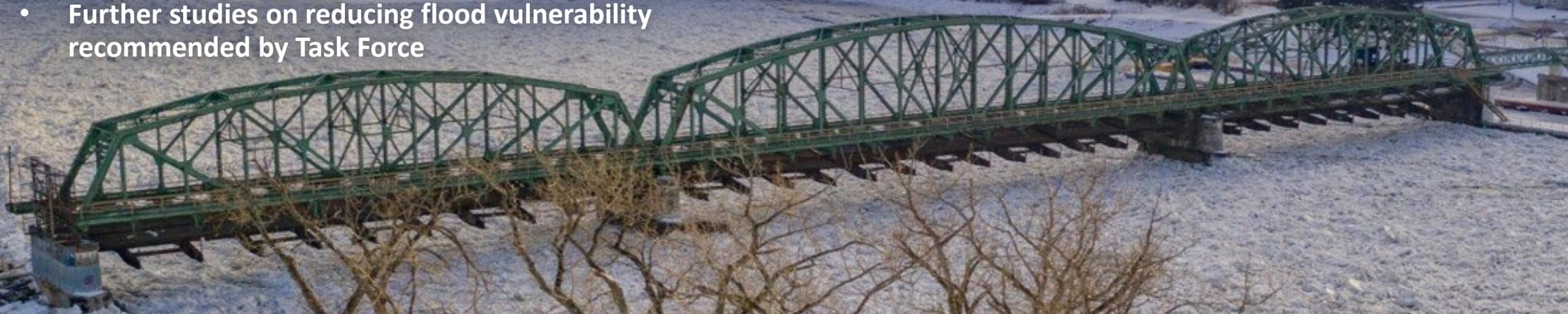
Winner of the *Reimagine the Canals* competition, a canalside pocket neighborhood will be developed by Madison County in Central New York at a former industrial property in Canastota along the Old Erie Canal - demonstrating a new model for 21st century canalside living.



# RESILIENCY IMPROVEMENTS

## Mitigate chronic winter and summer flooding in the Mohawk River Valley

- Initial allocation of \$65M to:
  - prevent ice jam formation (ice breakers/dredging)
  - better alert communities to potential flooding
  - mitigate summer flooding and ice jams around Schenectady and Scotia by retrofitting Vischer Ferry Dam
- Further studies on reducing flood vulnerability recommended by Task Force



# IMPROVED IRRIGATION

## Irrigation to protect against drought in Western New York

- Establish an irrigation district to ensure farmers have reliable access to water during summer growing season
- Modernize canal outflow infrastructure to better respond to changing weather conditions
- Create a new grant program through NYS Department of Agriculture and Markets to encourage private sector investment in irrigation infrastructure

# WORLD-CLASS FISHING

## Create world-class fishing in Western New York

- **Manage water releases from the Canal to:**
  - enhance fish habitat
  - improve angling opportunities
  - extend fishing season in Lake Ontario tributaries
- **Expand public fishing access along key streams in Orleans, Monroe, and Niagara counties**

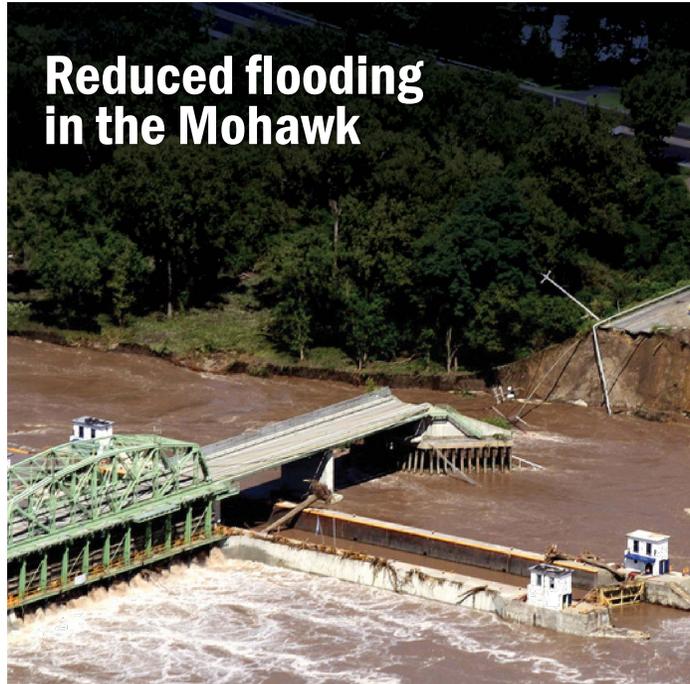
# RESTORED WETLANDS

## Restore and re-nourish wetlands in Central New York

- **Divert Canal water to restore wetlands**
- **Support migratory bird habitats near the Montezuma National Wildlife Refuge to further attract naturalists, locals, and visitors to the region**

# REIMAGINE THE CANALS

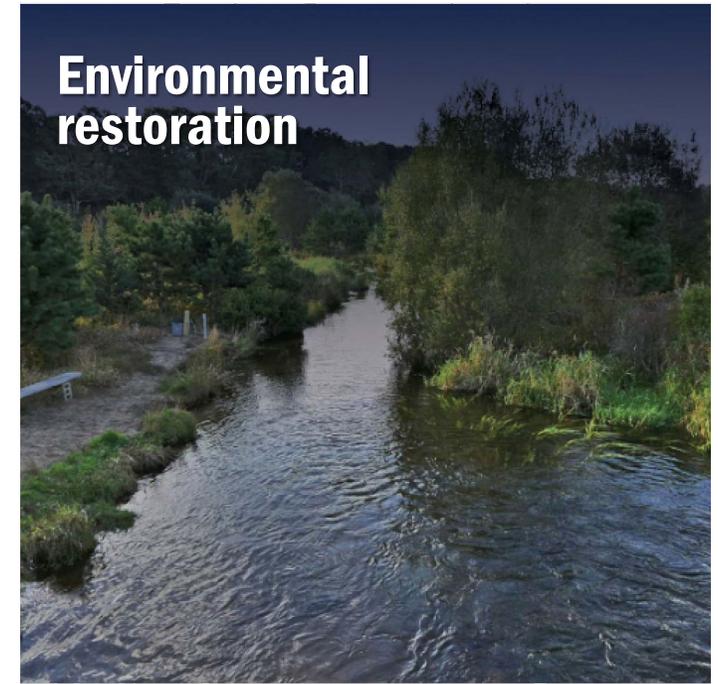
## Additional ideas raised for further study



- Identify water control interventions to reduce flooding from summer storms and winter ice jams



- Create aquatic invasive species barriers to prevent invasive species from further colonizing NYS waters



- Manage the waterway to restore the environment and rebalance a compromised ecosystem

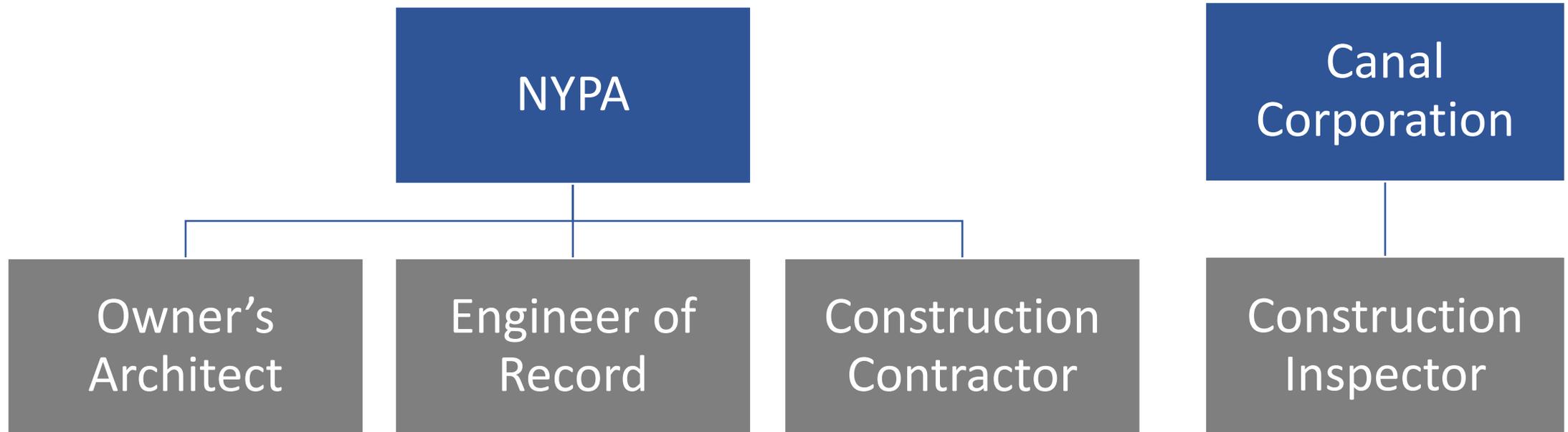
Adam Jacoby

Program Director

Waterway Infrastructure

# REIMAGINE THE CANALS

## Contracting strategy for Brockport Loop Bridge



- Opportunities:
  - Owner's Architect (N/A--short-listed competitive)
  - Engineer of Record (open competitive)
  - Construction Contractor (open competitive)
  - Construction Inspector (existing value contracts)

# REIMAGINE THE CANALS

## Contracting strategy for Iconic Lighting



- Opportunities:
  - Planner (N/A)
  - Design-Build Implementation Contractor (existing value contracts)
  - Construction Inspector (existing value contracts)

# Nancy Florence

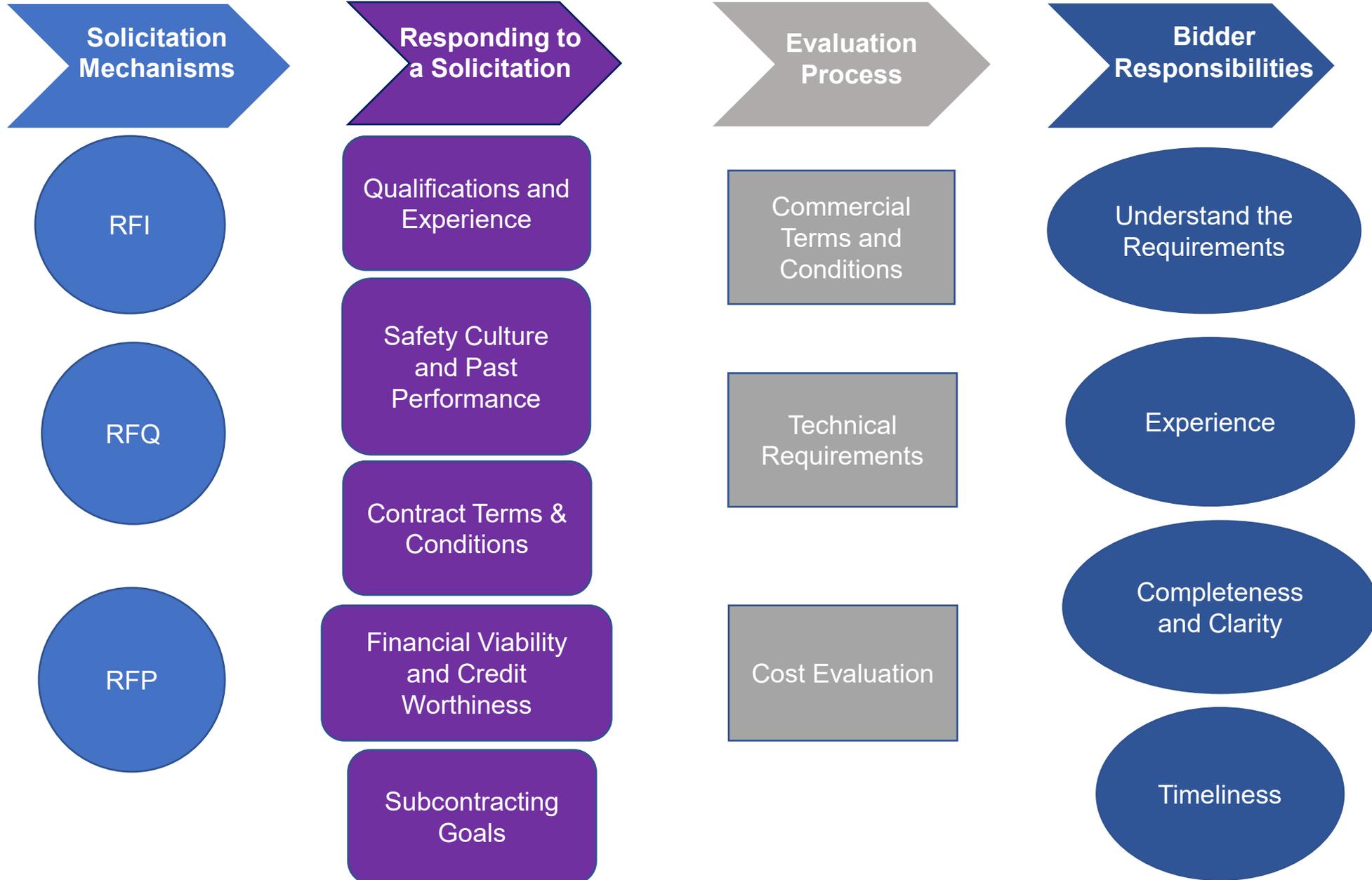
Strategic Buyer

Category Management – Services/Major Projects

# Agenda

- Solicitation mechanisms
- Responding to a solicitation
- Evaluation process
- Bidder responsibilities

# RESPONDING TO RFP – STANDARD REQUIREMENTS



Victoria Daniels

Manager, Supplier Diversity

# Supplier Diversity Program

- NYS Executive Law 15A
  - Minority and Women Owned Business Enterprises (MWBE)
- NYS Executive Law 17B
  - Service-Disabled Veteran Owned Business (SDVOB)
- Diversity Goal Assessment on Contracts
  - Varies based on project
- Outreach to Diverse firms
  - MWBE & SDVOB Directories
- Waiver Request
- Insurance Requirement

# Emre Kuscu

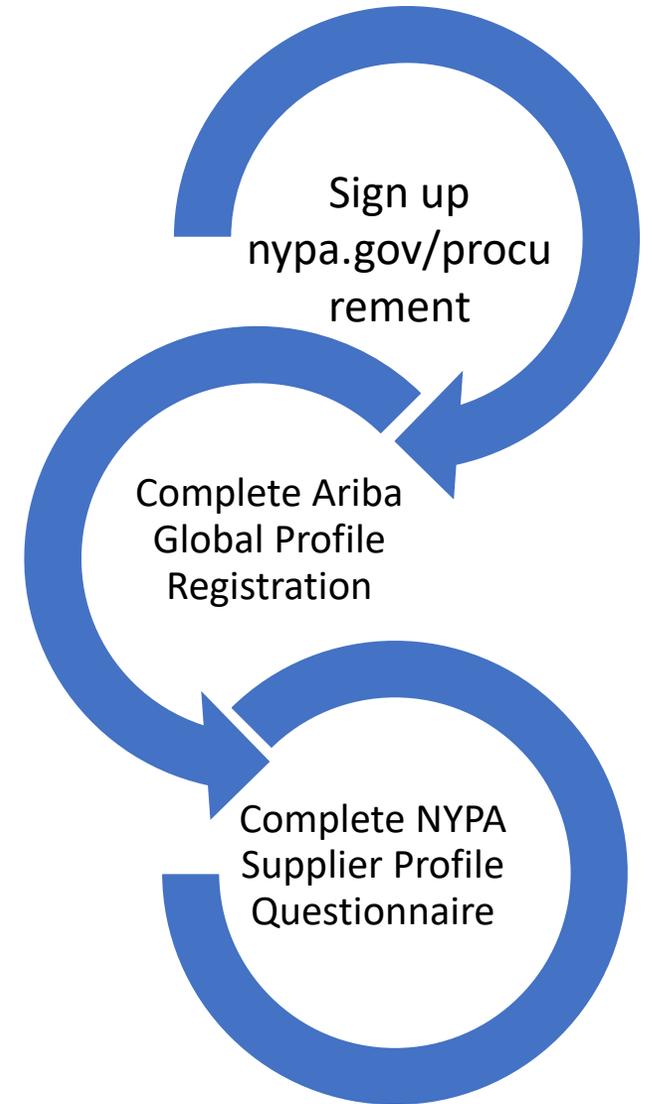
Manager, Supplier Relationship Management

# JOIN OUR SUPPLIER NETWORK

Here's how it works

- 1- Sign up [www.nypa.gov/procurement](http://www.nypa.gov/procurement)
- 2- Complete Ariba Global Profile Registration
- 3- Complete NYPA Supplier Profile Questionnaire (SPQ) – this is located in the NYPA customer requested fields section of your network profile

WELCOME – Supplier onboarding process  
COMPLETE!



# What is Ariba?

- SAP **Ariba** is a **cloud**-based innovative solution that allows suppliers and buyers to connect and do business on a single platform.

## Registration Recommendations for Suppliers

- We recommend adding multiple users to an organization's NYPA Ariba Profile so that access to bidding content can be viewed in lieu of an individual being out of office.
- User Creation must be carried out by the organizations administrator then approved by the NYPA SRM team. (SRM@nypa.gov)

# How Suppliers Can Access NYPA Bidding Information

- Suppliers can access bidding information on our NYPA.GOV procurement console. This is where NYPA and New York State Canal Corporation procurement opportunities are posted. We announce bidding opportunities for goods and services estimated at \$50,000 or greater. In addition to our current bidding opportunities NYPA and Canal Corporation will also post its supplier outreach events which promote economic development throughout New York State.
- NYPA Bidding information can also be accessed by visiting the New York State Contract Reporter which will ultimately lead to our procurement console for bidding instructions.
- (<https://www.nyscr.ny.gov>)

An aerial photograph of a town with a river and a bridge. The river flows through the center of the town, with a bridge crossing it. The bridge has a complex steel truss structure. On the left side of the river, there are several houses and a street. On the right side, there are more houses and a street. The water in the river is dark, and there are some whitecaps near the bridge. The sky is clear and blue. The overall scene is a mix of urban and natural elements.

# Reimagine the Canals

Q&A

Any questions?