

# European Frog-Bit Collaborative

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Great Lakes Commission  
2 June 2022  
Great Lakes Panel

# Background & Timeline

- Started at 2018 Aquatic Invasive Species Stakeholders Workshop
  - Identified EFB as priority invasive species of concern
  - Initiated formation of EFB Collaborative
  - Coalesced on need for EFB Adaptive Management Strategy



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- November 2018 and February 2020 EFB Collaborative meetings and Adaptive Management Framework was development

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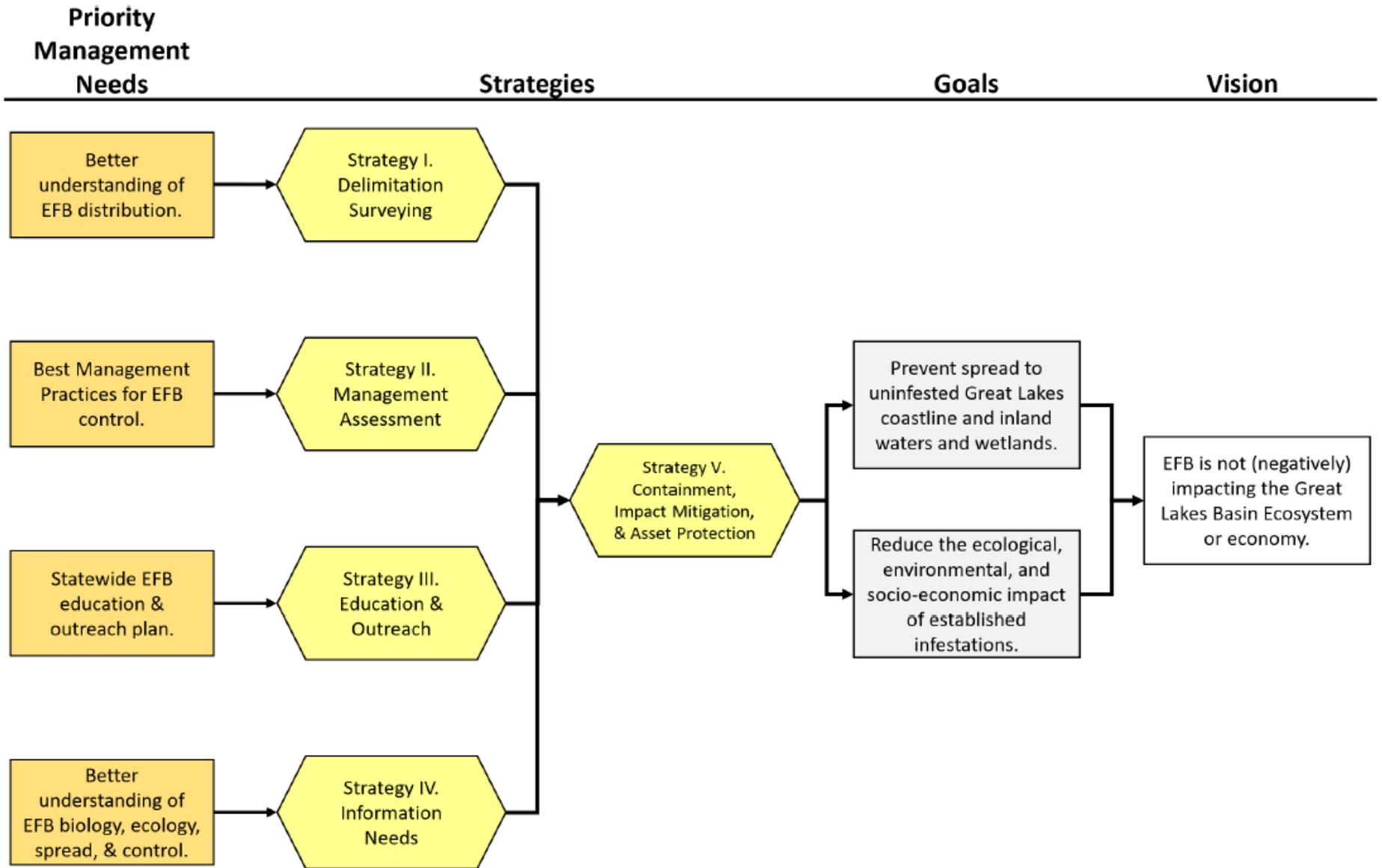
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- EFB AMF was formally introduced at EFB Collaborative meeting March 2021

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- EFB AMF was formally introduced at EFB Collaborative meeting March 2021
- Great Lakes Commission was identified as a potential organization to provide neutral backbone support at December 2021 meeting

# Progress and Trajectory

- Designed and implemented an Adaptive Management Framework within Michigan
- Established three work groups
  1. Delimitation
  2. Education and Outreach
  3. Management Assessment



# Adaptive Management Strategies

**Strategy I.** Delimit high-risk EFB infestations to improve our understanding of EFB distribution in Michigan

**Strategy II.** Assess ongoing EFB eradication and control efforts to inform current Best Management Practices for EFB control

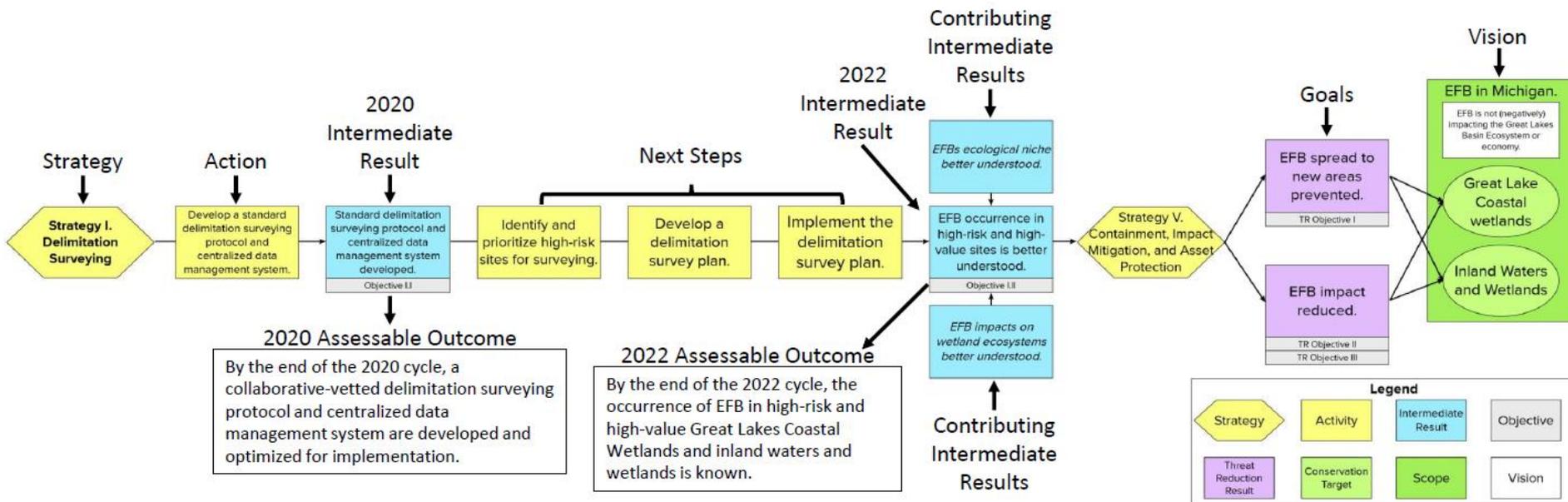
**Strategy III.** Educate recreational and professional stakeholders about EFB to reduce spread and improve management capacity

**Strategy IV.** Address critical information needs for effective EFB management

**Strategy V.** Contain existing high-risk infestations, mitigate impacts in invaded high-value sites, and protect uninvaded high-value sites

# Adaptive Management Strategies

## Strategy I. Delimit high-risk EFB infestations to improve our understanding of EFB distribution in Michigan



# Work Group Progress

## Delimitation Work Group

- Developed an SOP and data collection app for EFB surveys to standardized data collection procedures and centralize the data collection
- Developed a GIS based prioritization tool for identifying high risk locations for EFB monitoring



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- Developed a GIS based prioritization tool for identifying high risk locations for EFB monitoring

## Education and Outreach Work Group

- Developed a system for sharing EFB media, outreach tools, and photos
- Plans to host a webinar series

# Work Group Progress

## Delimitation Work Group

- Developed an SOP and data collection app for EFB surveys to standardized data collection procedures and centralize the data



- Plans to host a webinar series

## Management Assessment Work Group

- Plan to review existing Standard Treatment Impact Monitoring Protocol (STIMP) data to better understand if changes are needed to the existing protocol

# Looking Ahead

## **Enhance and expand the EFB Collaborative**

- Formalize a governance structure
- Expand collaborative membership to be representative of Great Lakes jurisdictions

## **Establish communication networks for the EFB community**

- Re-establish a website and begin webinar series

## **Identify priority sites for EFB management**

- Develop a system to identify and target high value and high priority locations for EFB monitoring and management
- Improve understanding and discussion of impacts to native species
- Identify and communicate best management practices for EFB control

# Thank you!



MICHIGAN DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY



Great Lakes  
RESTORATION

