



# Michigan Sustainable Small Harbors Strategic Flowchart

## INVENTORY

## VISIONING/PLANNING

## VALUE CAPTURE

## IMPLEMENTATION

### COMMUNITY

### WATERFRONT

HIGHLY RECOMMENDED

- Identify community capacity and possible participants/leaders
- Collect existing data and documents:
  - Economic information
  - Existing tourist information (fliers, magazines, etc.) and wayfinding signage
- Recent planning or improvement grants received
- Community master plan
- Zoning maps
- Capital improvement plan
- Parks and recreation plan
- Regional plan(s)
- Land use data

- Collect marina statistics (boats berthed or launched, slip demand, etc.):
  - Compile three years of harbor financial summaries
  - Compile three years of harbor logs
- Complete the Clean Marina self-assessment checklist
- Determine water level variances
- Assess local sediment dynamics

- Conduct a facilitated community visioning meeting
- Initiate a Michigan Economic Development Corporation (MEDC) community development program
- Watch and Read resources from EGLE – Michigan’s Resilient Coast Program
- Complete Land Policy Institute (LPI) Placemaking Assessment Tool
- Engage in local, county, and regional planning efforts

- Complete expense vs. income balance sheet
- Identify harbor marketing opportunities
- Evaluate value capture options:
  - Marine investment fund
  - Water resource tax increment financing (TIF)
  - Fee structures for public facilities
  - Public/private partnerships
  - Crowdfunding Michigan - Invest on Main Street
- Review grant funding opportunities and requirements

- Form implementation team and identify task leaders
- Develop or update existing plans with focus on the waterfront
  - Community master plan
  - Five-year recreation plan
  - Waterfront operations and maintenance plan
  - Zoning and ordinance
  - Capital improvement plan
  - Emergency response plan

- Collect existing data and documents:
  - USACE jurisdiction and federal dredging
  - USACE oblique waterfront photos
- Visit the USACE Great Lakes Dredging Team website

- Determine your community’s waterfront and downtown Walk Score
- Review *Michigan Coastal Community Working Waterfronts* resources
- Review *Sustainable Working Waterfronts Toolkit*
- Review *Smart Growth for Coastal and Waterfront Communities* report
- Prioritize natural solutions
- Conduct a National Charrette Institute (NCI) Charrette
- Review American Planning Association - *Michigan Chapter Master Plans - Resilient Waterfronts*
- Read *Michigan’s Statewide Comprehensive Outdoor Recreation Plan*
- Explore Michigan Catalyst Communities (MCC) Resources and Program
- Review *Creating Equitable, Healthy, and Sustainable Communities: Strategies for Advancing Smart Growth, Environmental Justice, and Equitable Development*

- Review MIplace Resources section
- Review *Sustainable Working Waterfronts Toolkit* — Financing and Economics sections

- Apply to applicable grant programs
- Pursue Redevelopment Ready Communities certification
- Pursue Clean Marina certification
- Create a dynamic water level plan
- Engage with the Michigan Green Communities network and consider completing the Green Communities Challenge
- Review resources and contacts at Michigan EGLE Shoreline Protection / Michigan Natural Shoreline Partnership
- Consider engaging with The National Park Service – Rivers, Trails, and Conservation Assistance program (NPS-RTCA)

- Collect existing data and documents:
  - Organizational/leadership charts of the community
  - Employment and related census data
  - Aerial photos, maps, and GIS
  - User feedback and surveys
  - Great Lakes Climate and Demographic Atlas
- FEMA Resilience Analysis and Planning Tool (RAPT)
- Read *Nature-Based Solutions for Coastal Hazards – the Basics training module*
- Track *Great Lakes Region: Quarterly Climate Impacts and Outlook* reports
- Read *Clean Marina Program Dredging Best Practices*
- Read *Clean Marina Program Infrastructure Best Practices*

- Review Additional Resources in Section 5.2.3 Visioning/Planning

- Review Additional Resources in Section 5.2.4 Value Capture

- Review Additional Resources in Section 5.2.5 Implementation

RECOMMENDED

- Collect existing data and documents:
  - Organizational/leadership charts of the community
  - Employment and related census data
  - Aerial photos, maps, and GIS
  - User feedback and surveys
  - Great Lakes Climate and Demographic Atlas
- FEMA Resilience Analysis and Planning Tool (RAPT)

- Review Additional Resources in Section 5.2.2 Inventory - Waterfront

ADDITIONAL RESOURCES

- Review Additional Resources in Section 5.2.1 Inventory - Community