

# TRAVERSE CITY FRESHWATER

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RESEARCH & INNOVATION CENTER

Benzie Sunrise Rotary  
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# ESTABLISH THE GRAND TRAVERSESE REGION AS THE GLOBAL HUB FOR APPLIED FRESHWATER INNOVATION

- ❖ DISCOVERY CENTER
- ❖ NORTHWESTERN MICHIGAN COLLEGE
- ❖ MICHIGAN TECH UNIVERSITY
- ❖ 20FATHOMS
- ❖ TRAVERSE CONNECT

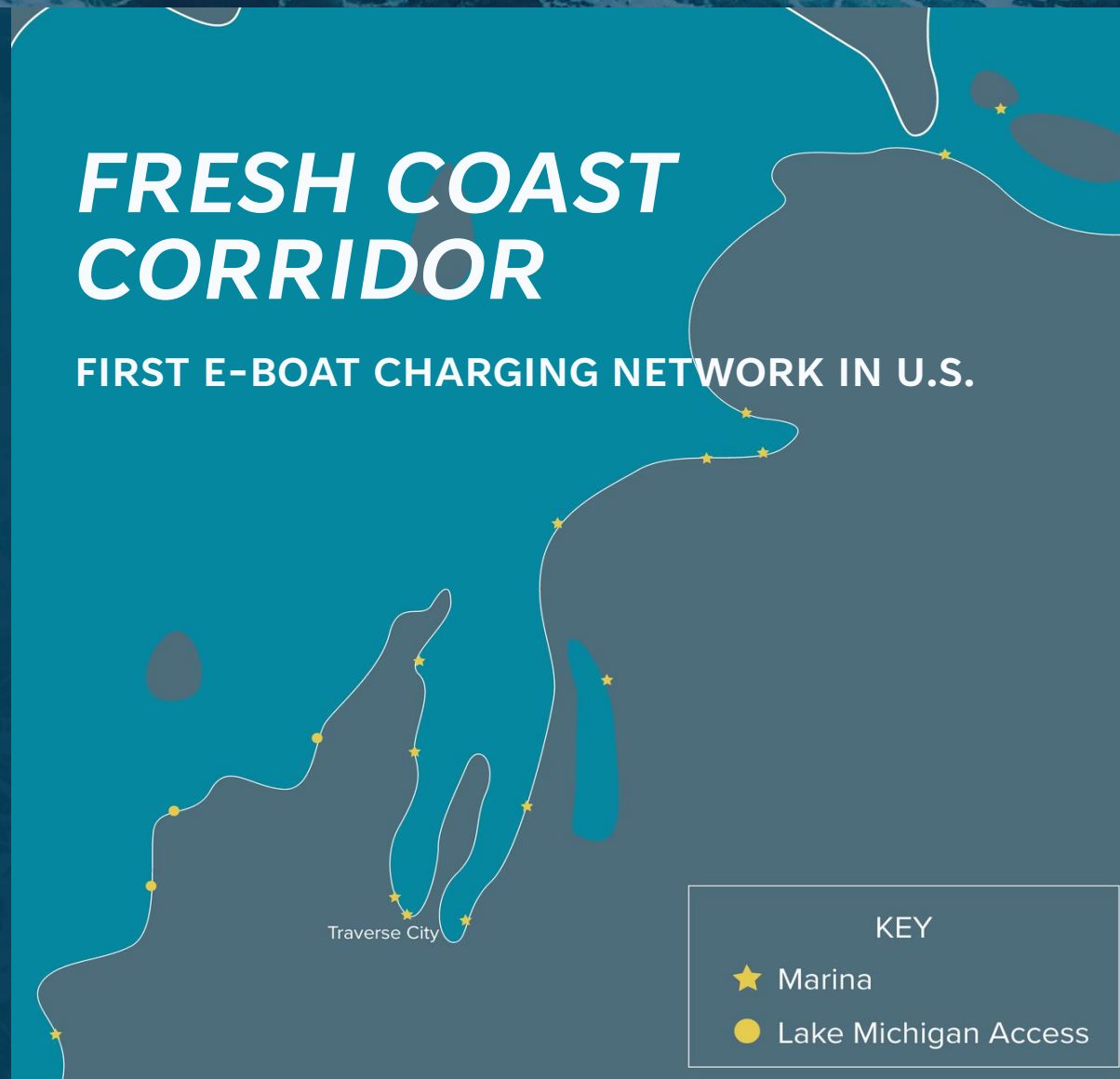
# EXISTING INDUSTRY CLUSTERS

- Outdoor Recreation Technology
- Freshwater Marine Technology
- Unmanned Aerial/Marine Systems



# FRESH COAST CORRIDOR

FIRST E-BOAT CHARGING NETWORK IN U.S.



## KEY

- ★ Marina
- Lake Michigan Access

# FRESHWATER AND MARINE TECHNOLOGY

- ❖ **Underwater Unmanned Systems**
- ❖ **Marine Electrification and Decarbonization**
- ❖ **Marine Sensing and Sonar**
- ❖ **Autonomous Ships and Remote Piloting**
- ❖ **Great Lakes Modeling and Data Analytics**
- ❖ **Emerging Environmental Technologies**

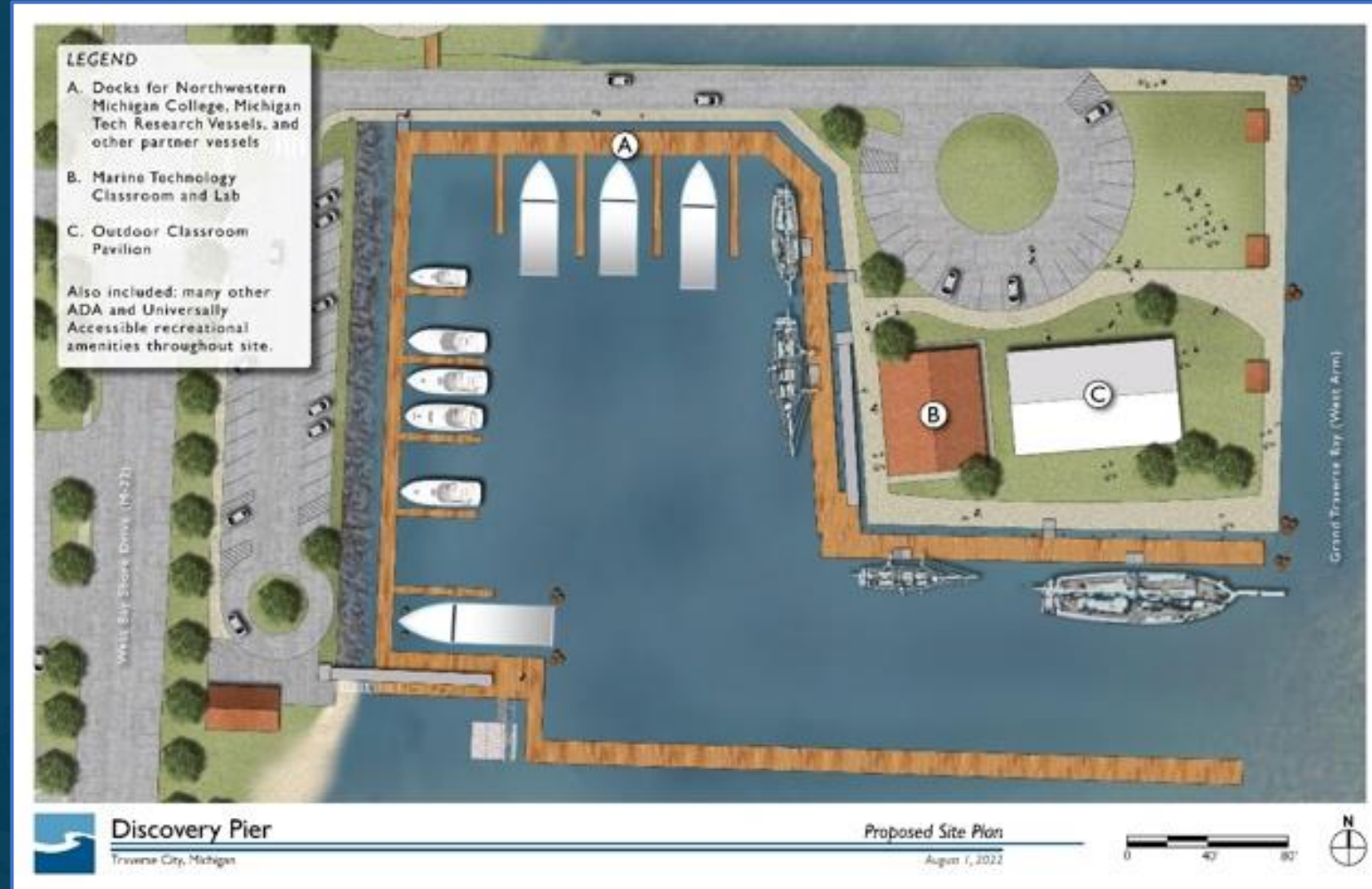
# DEVELOPING THE CAMPUS



# DISCOVERY PIER

## Research & Development on the Lake

- On-Water Research Facilities
- Outdoor Classroom
- Four-Season Marine Tech Lab
- Dockage for Research Vessels
- Public Access and Recreation



# FRESH WATER RESEARCH & INNOVATION CENTER

Converting Research to Jobs and Businesses



- NMC Technology Development
- Michigan Tech Research
- Researchers in Residence
- Business Incubation
- Startup Accelerator
- Maker Space
- Workforce Development
- Interactive Displays
- Classroom and Event Space



# NEXT STEPS

## NORTHERN MICHIGAN DISCOVER BLUE CONSORTIUM

- MEDC & Boston Consulting Group
- EDA TECH HUBS Strategy Development Grant
- NOAA Climate Resiliency Grants
- NMI Regional Blue Economy Industry Lead
- Ecosystem Development and Policy Leadership

# QUESTIONS?

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