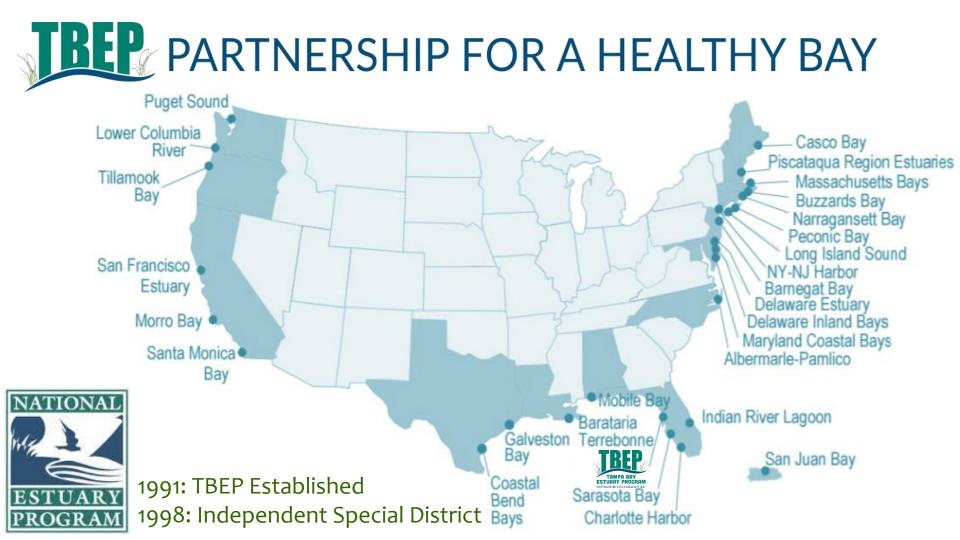
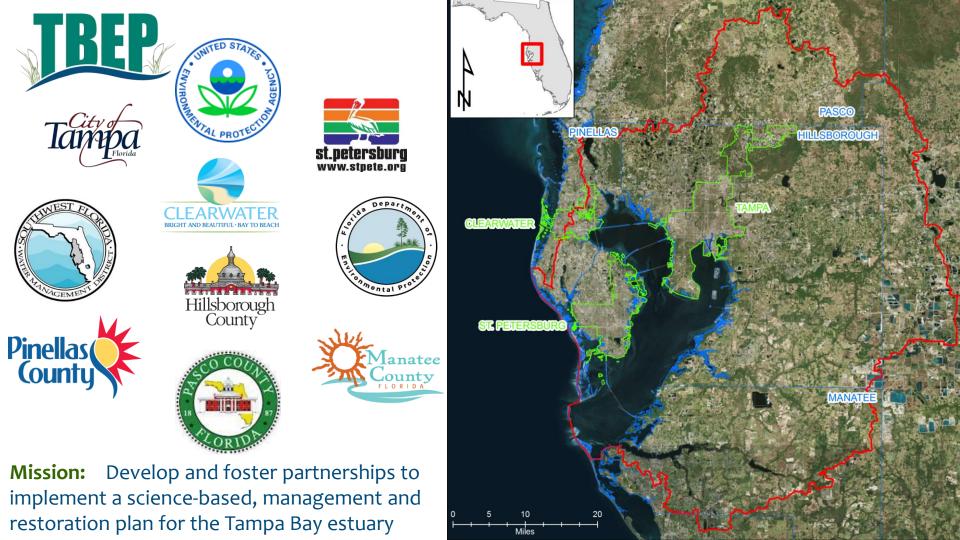
TBEP PARTNERSHIP FOR A HEALTHY BAY

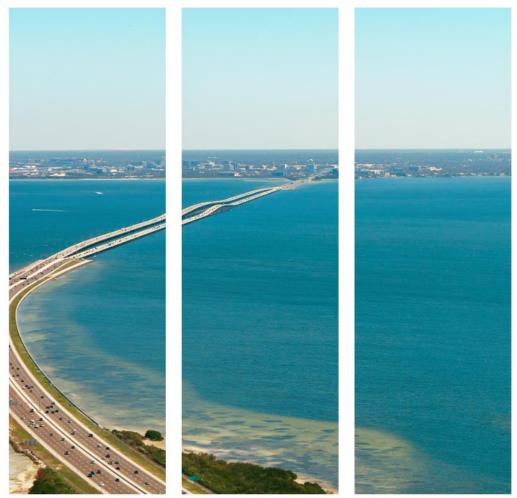
2019 Program Update City of Clearwater

April 4, 2019

Ed Sherwood Executive Director









CHARTING THE COURSE:

THE COMPREHENSIVE CONSERVATION AND MANAGEMENT PLAN FOR TAMPA BAY 2017 UPDATE



https://indd.adobe.com/view/cf7b3c48-d2b2-4713-921c-c2aod4466632

Comprehensive Plan Themes

3 Core Themes:

TBEP

Clean Waters & Sediments

• Thriving Habitats & Abundant Wildlife

 Informed, Engaged & Responsible Community



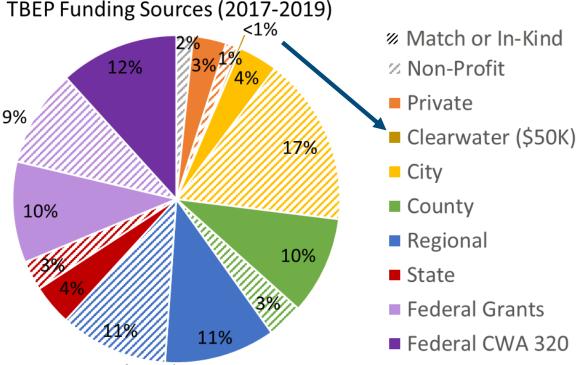
39 Separate Actions; 166 Specific Activities

TBEP leverages Federal, State, Local, Private & Grant Resources to Implement our CCMP

Since Oct. 2016, TBEP leveraged more than **\$16.2 Million** in funding to implement projects that benefit Tampa Bay.

Total staff = 6

TBEP sustains success through a multifaceted approach to Bay restoration and funding.



\$16.21 Million (\$326:\$1, Clearwater Leveraging)

PARTNERSHIP FOR A HEALTHY BAY



TREP Allowing Us to Pursue Projects that Address Regional Priorities for Education, Research, Monitoring & Restoration

Active Projects in FY2018-19

- Coastal Ocean Acidification Monitoring
- Dredged Hole Ecosystem Studies
- Hard Bottom Habitat Mapping
- Oyster Restoration & Algal Bloom Mitigation
- Ship Wake Impacts to Sensitive Shorelines
- Critical Coastal Habitat
 Assessment
- Tampa Bay Habitat Master Plan (Update in 2019)

- Freshwater Wetland
 Restoration
- RESTORE Project Funding
- Social Marketing / Behavior Change Campaigns (SSO-Private Laterals)
- Tampa Bay Water Atlas
- Bay Soundings On-Line Journal
- Convene Stakeholder / Regional Meetings

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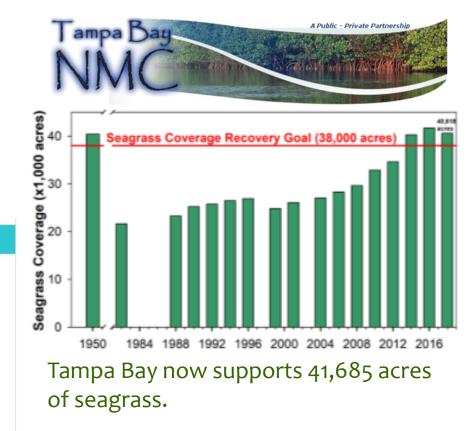
Facilitation of the TB Nitrogen Management Consortium

As part of the Tampa Bay Nitrogen Management Consortium, partners have implemented more than **470 projects** resulting in **530 tons** of nitrogen precluded from entering Tampa Bay since 1992.

Coastal Stewardship Award for Stewardship (Organization)

Tampa Bay Nitrogen Management Consortium of Tampa Bay NEP Tampa Bay Estuary Program

COASTAL & ESTUARINE RESEARCH FEDERATION®



Exceeding goal & historic 1950's levels!



Tampa Bay Environmental Restoration Fund (TBERF)



- Public-Private Partnership
 - Restore America's Estuaries
 - Tampa Bay Estuary Program
- 14 Public-Private Contributors: \$5.9 Million
 - 55 Projects funded @ \$10K \$200K
 - Leveraging an additional \$7.9 Million+
- Further Implement TBEP's CCMP:
 - Water Quality Improvement
 - Habitat Restoration
 - Fish & Wildlife Protection
 - Environmental Education & Outreach
 - Applied Research







174,930 PLUGS

MARSH PLANTS



118 ACRES COASTAL UPLANDS RESTORED



8 ACRES OYSTER BEDS CREATED



OYSTER DOMES



200 ACRES SEAGRASS RESTORED

TBEP PARTNERSHIP FOR A HEALTHY BAY

Help Restore Tampa Bay -Tag up Today!



Since the year 2000, revenue from sales of the Tampa Bay Estuary plate has helped to support habitat restoration efforts in our bay. How? By financing our unique **Bay Mini-Grant program**, which funds valuable **local** bay restoration and education projects by local organizations such as community groups, schools, and homeowner's associations.

37 Applications in September 2018

19 Projects funded in November 2018!





The cost is ***27** for the first year and ***17** for renewals—one of the lowest-cost plates in the state. since 2000, more than \$1.8 M

HAS GONE TO BAY RESTORATION AND EDUCATION PROJECTS (THROUGH THE MINI-GRANTS).



have provided bay restoration and education projects since the year 2000. Florida Aquarium will be developing a red tide exhibit during World Ocean's Day in April 2019.

tbep.org/bay mini-grants.html



Give a Day for Tampa Bay!



2018-19 Season Underway

Sep./Dec. 2018: 4 in Manatee Co. Jan. 2019: Rock Ponds revisit Mar. 2019: Clam Bayou Apr. 2019: Stewart Middle School May 2019: Safety Harbor

Sign Up: tbep.org -> How you Can Help









THANK YOU!

For your continued support of this partnership program

www.tbep.org



facebook.com/TampaBayEstuaryProgram



instagram.com/tampabayestuaryprogram



youtube.com/user/TheTBEP

PARTNERSHIP FOR A HEALTHY BAY



Scoop





EXTRA SLIDES

PARTNERSHIP FOR A HEALTHY BAY



Bay Mini-Grant Program Benefits the Region





Blue Turtle Society purchased kayaks and trailer Kayaks were used at 9 clean-up events by 57 volunteers



Friends of the Tampa Bay National Wildlife Refuges

Provided funding for Title 1 student field trips to Fort DeSoto and Weedon Island



Safety Harbor Restoration 198 volunteers installed 12,733 plants on 2 acres

PARTNERSHIP FOR A HEALTHY BAY



Tampa Bay Environmental Restoration Fund (TBERF)



Since 2013, TBEP has garnered **\$4.5 Million** in public & private funding to implement projects that benefit Tampa Bay through TBERF. **\$7.9 Million+** in additional leveraged/matched funds through TBERFfunded projects.

The fund is now entering its sixth year.

ESTORE

55 partner projects funded to date at \$10K – \$200K.





FWCC-FWRI researchers identifying environmental and physiological cues supporting algal blooms in Old Tampa Bay. Also determining if oysters can suppress future blooms. Eckerd College researchers and students have led the region in developing monitoring and analytical techniques to assess the amount of microplastics in Tampa Bay.

TBERF Benefits to the Region



