

Great Lakes Restoration Initiative

Presented by

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Healing Our Waters-Great Lakes Coalition

Wednesday, May 3, 2023

GLRI: Basics

The GLRI invests in the region's environmental, economic, and public health through a coordinated interagency process. As outlined in the Action Plan, this program currently focuses on five major restoration priorities:

- (1) Toxic Substances and Areas of Concern;
- (2) Invasive Species;
- (3) Nearshore Health and Nonpoint Source Pollution;
- (4) Habitat and Wildlife Protection and Restoration; and
- (5) Foundations for future action



GLRI: Amplifies and Supplements

Building on past successes and ongoing programs, the GLRI supplements resources and helps coordination through existing programs with more clearly defined goals and targets.

For example:

- Plans under the Great Lakes Water Quality Agreement, including Lakewide Management Plans and Remedial Action Plans for Areas of Concern
- Comprehensive Management Plan for St. Clair River and Lake St. Clair
- Great Lakes Binational Toxic Strategy
- State Wildlife Action Plans
- U.S. Fish and Wildlife Service (FWS) National Fish Habitat Action Plan
- A Joint Strategic Plan for Management of Great Lakes Fisheries
- Plans under the U.S. - Canada Convention on Great Lakes Fisheries
- Partners in Flight North American Land Conservation Plans
- North American Waterbird Conservation Plan
- North American Waterfowl Management Plan
- U.S. Shorebird Conservation Plan
- Great Lakes Coastal Wetland Monitoring Plan
- Great Lakes Fishery Plan
- Endangered Species Recovery Plans
- Coastal Management Plans under the Coastal Zone Management Act
- Plans under the Coastal and Estuarine Land Conservation Program
- Source Water Protection Plans
- Tribal-Federal Environmental Agreements



Foundation and History

Boundary Waters Treaty

Great Lakes Water Quality Agreement

Clean Water Act
- 1987 Amendments

Great Lakes Legacy Act

E.O. 13340

Great Lakes Regional
Collaboration Strategy

GLRI

Boundary Waters Treaty (1909)

- It establishes free use of boundary waters for commerce and navigation forever (Article I).
- It grants respective federal and state/provincial governments legal jurisdiction over the use, obstruction, and diversion of these waters (Article II).
- It creates the **International Joint Commission (IJC)** and requires future hydromodifications be approved by a majority of the three Canadian and three U.S. Commissioners (Articles III, IV, VII, VIII).
- The IJC can only provide research or orders of approval if either federal government submits a referral (Article IX).



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Great Lakes Water Quality Agreement

1972	1978	1983	1987	2012
<ul style="list-style-type: none">• Phosphorus loadings• Visible pollution	<ul style="list-style-type: none">• Persistent toxic substances• Ecosystem approach to management	<ul style="list-style-type: none">• Updated phosphorus reduction strategies	<ul style="list-style-type: none">• Remedial Action Plans for Areas of Concern• Lakewide Management Plans	<ul style="list-style-type: none">• Modernized governance• Enhanced governance• New and/or expanded issue annexes



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Established § 118 of the Clean Water Act:

- (a) contains a congressional finding that the Great Lakes are a valuable national resource and that the United States should seek to attain the goals of the Great Lakes Water Quality Agreement of 1978.
- (b) establishes the **Great Lakes National Program Office** to be located in a Great Lakes state.
- (c) Sets up the office's functions, including:
 - Developing and implementing specific action plans to **carry out responsibilities under the Great Lakes Water Quality Agreement**
 - Establishing a systemwide surveillance network to monitor water quality and serving as the liaison with the International Joint Commission, the Canadian counterpart of the agency, and coordinating with EPA and other federal actions aimed at improving Great Lakes water quality.



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Great Lakes Legacy Act (2002)

- Authorizes funding for projects to monitor, evaluate, and remediate contaminated sediment in the areas of concern located wholly within, or shared by, the United States, to increase public awareness of contaminated sediments, and to promote research and development for innovative approaches, technologies, and techniques for the remediation of contaminated sediments.
- Funding authorized pursuant to the Great Lakes Legacy Act for remediation of contaminated sediment is primarily focused on sites within the areas of concern that are not Superfund sites.



Foundation and History

Executive Order 13340 (May 18, 2004)

Establishment of Great Lakes Interagency Task Force and Promotion of a Regional Collaboration of National Significance for the Great Lakes

Boundary Waters Treaty

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Clean Water Act
- 1987 Amendments

Great Lakes Legacy Act

E.O. 13340

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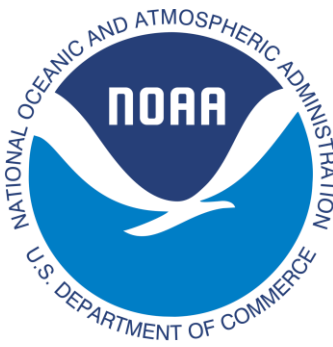
“Policy. The Great Lakes are a national treasure ...The United States and Canada have made great progress...The Federal Government is committed to making progress on the many significant challenges that remain. Along with numerous State, tribal, and local programs, over 140 Federal programs help fund and implement environmental restoration and management activities throughout the Great Lakes system...These activities would benefit substantially from more systematic collaboration and better integration of effort...To this end, the Federal Government will partner with the Great Lakes States, tribal and local governments, communities, and other interests to establish a regional collaboration to address nationally significant environmental and natural resource issues involving the Great Lakes. It is the further policy of the Federal Government that its executive departments and agencies will ensure that their programs are funding effective, coordinated, and environmentally sound activities in the Great Lakes system.”



Great Lakes Interagency Task Force



Great Lakes Regional Working Group



US Army Corps of Engineers®



Foundation and History

Great Lakes Regional Collaboration Strategy

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E.O. 13340

Great Lakes Regional
Collaboration Strategy

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Declaration (2004)

Affirm the need for leaders in the region, including Great Lakes Governors, federal agency heads, Members of the Great Lakes Congressional Delegation, Great Lakes mayors and Tribal leaders, building upon the extensive regional efforts to date, to collaboratively work together and with the Great Lakes community toward a common goal of protecting and restoring the Great Lakes ecosystem in order to address the new and continuing challenges and ensure a healthy ecosystem for future generations.

Collaboration Strategy (2005)

Aquatic Invasive Species

Habitat/Species

Coastal Health

AOC/Sediments

Nonpoint Source

Toxic Pollutants

Indicators and information

Sustainable Development



Foundation and History

Boundary Waters Treaty

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Great Lakes Legacy Act

E.O. 13340

Great Lakes Regional Collaboration Strategy

Public Law 111-88 (Oct. 30, 2009)

The Administrator is authorized to transfer **up to \$475,000,000** of the funds appropriated for the **Great Lakes Initiative** under the heading “Environmental Programs and Management” to the head of any Federal department or agency, with the concurrence of such head, to carry out activities that would:

- support the Great Lakes Restoration Initiative and Great Lakes Water Quality Agreement programs, projects, or activities;
- to enter into an interagency agreement with the head of such Federal department or agency to carry out these activities;
- and to make grants to governmental entities, nonprofit organizations, institutions, and individuals for planning, research, monitoring, outreach, and implementation in furtherance of the Great Lakes Restoration Initiative and the Great Lakes Water Quality Agreement.

GLRI

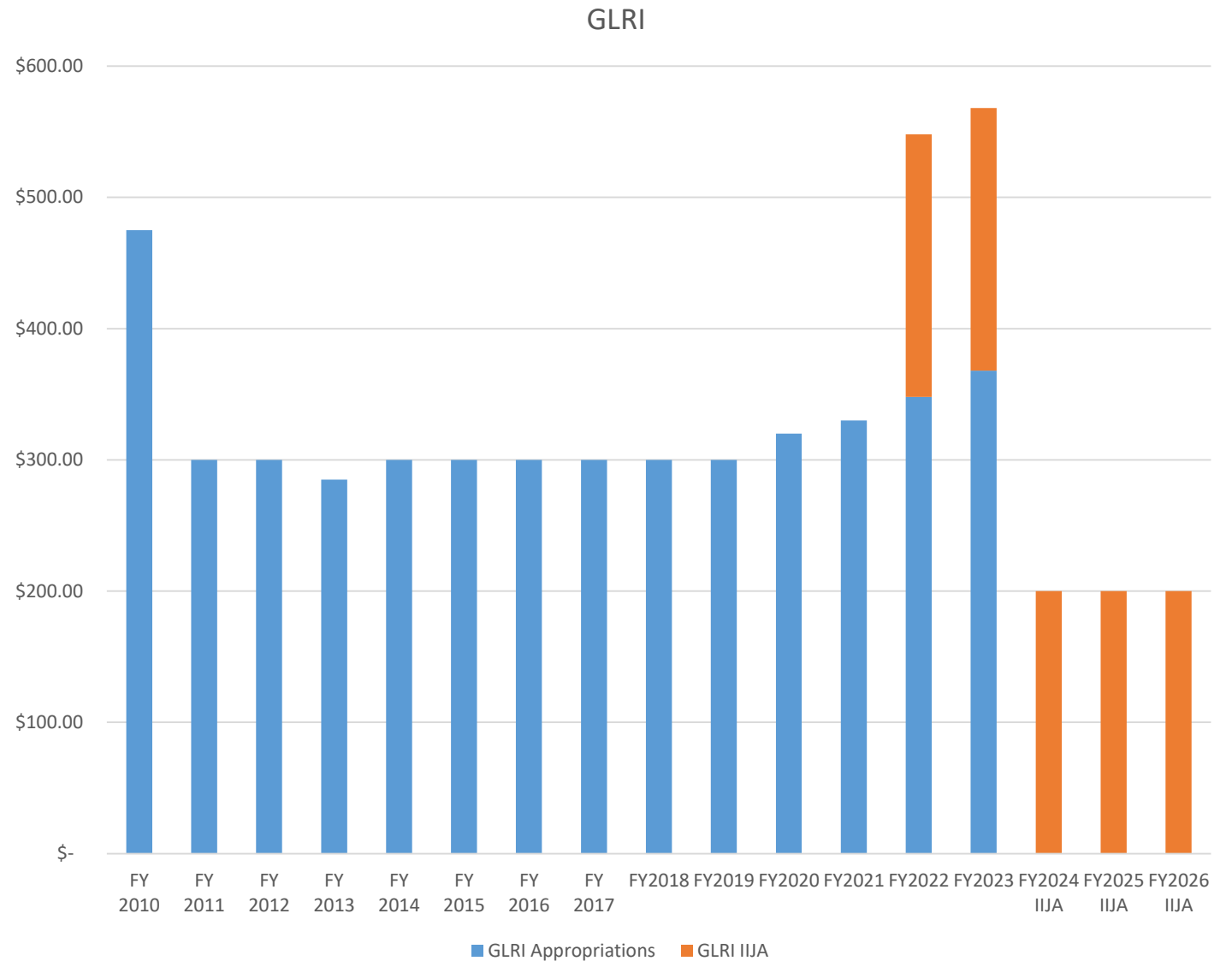
Codifying the GLRI: 33 U.S.C. §1268

- There is established in the Agency a Great Lakes Restoration Initiative (referred to in this paragraph as the “Initiative”) to carry out programs and projects for Great Lakes protection and restoration.
- **Focus areas** In carrying out the Initiative, the Administrator shall prioritize programs and projects, to be carried out in coordination with non-Federal partners, that address the priority areas described in the Initiative Action Plan, including—
 - (i) the remediation of toxic substances and areas of concern;
 - (ii) the prevention and control of invasive species and the impacts of invasive species;
 - (iii) the protection and restoration of nearshore health and the prevention and mitigation of nonpoint source pollution;
 - (iv) habitat and wildlife protection and restoration, including wetlands restoration and preservation; and
 - (v) accountability, monitoring, evaluation, communication, and partnership activities.



GLRI: Funding

- Interagency agreements
- Project agreements
- Negotiated grants and contracts
- Competitive awards
- Competitive grant solicitations are announced through [grants.gov](https://www.grants.gov).

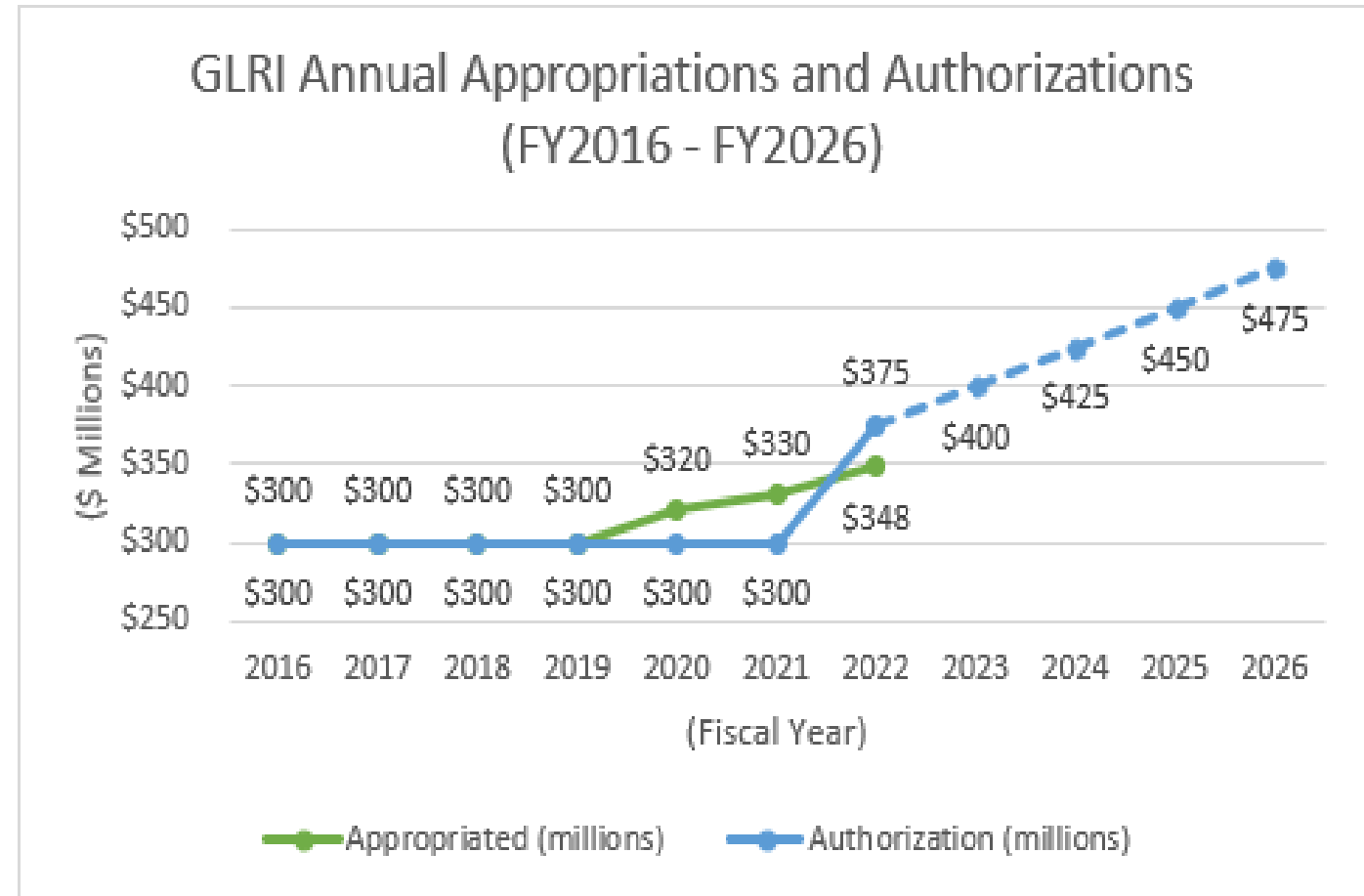


Base Funding

**Public Law 116-294 signed
January 5, 2021**

**Reauthorized GLRI for
another five years.**

**Transfer authority, focus
areas, monitoring, reporting,
action plans**



GLRI: Restrictions on Funding

- **Limitation** No funds made available to carry out the Initiative may be used for any water infrastructure activity (other than a green infrastructure project that improves habitat and other ecosystem functions in the Great Lakes) for which financial assistance is received—
 - **(I)** from a State water pollution control revolving fund established under subchapter VI;
 - **(II)** from a State drinking water revolving loan fund established under section 300j–12 of title 42; or
 - **(III)** pursuant to the Water Infrastructure Finance and Innovation Act of 2014 (33 U.S.C. 3901 et seq.).

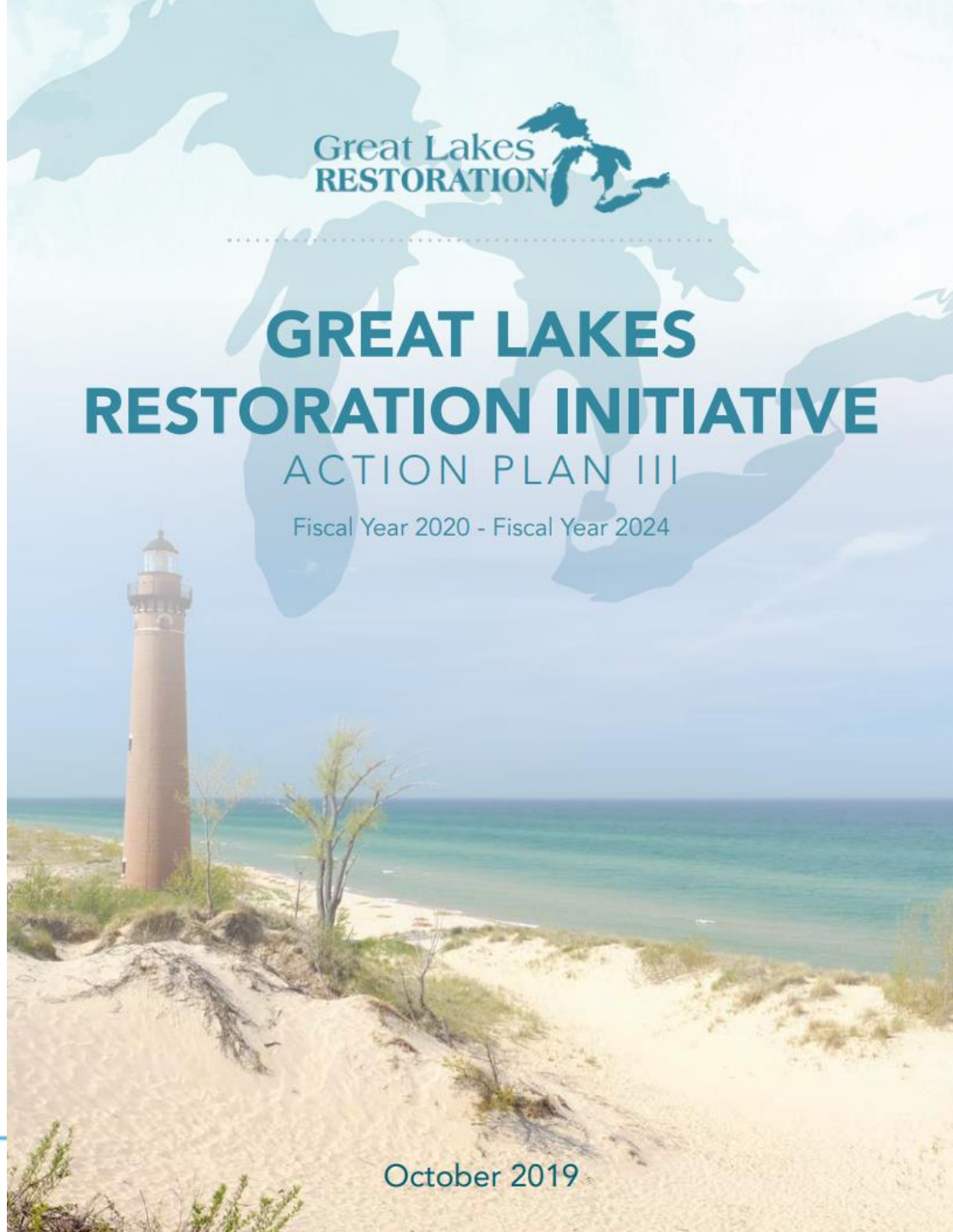
Great Lakes
RESTORATION



GREAT LAKES RESTORATION INITIATIVE

ACTION PLAN III

Fiscal Year 2020 - Fiscal Year 2024



October 2019

Healing Our Waters®
Great Lakes Coalition



Goal Setting: GLRI Action Plans

The Great Lakes Restoration Initiative Accelerates Great Lakes Protection and Restoration in Five Focus Areas

FY 2010 – FY 2014: GLRI Action Plan I | FY 2015 – FY 2019: GLRI Action Plan II | FY 2020 – FY 2024: GLRI Action Plan III

Toxic Substances and Areas of Concern

Invasive Species

Nonpoint Source Pollution Impacts on Nearshore Health

Habitats and Species

Foundations for Future Restoration Actions

Long-Term Goals for the Great Lakes Ecosystem

- All Areas of Concern delisted
- Fish safe to eat
- Water safe for recreation
- Safe source of drinking water
- No new self-sustaining invasive species
- Existing invasive species controlled
- Harmful/nuisance algal blooms eliminated
- Habitat protected and restored to sustain healthy ecosystem function and native species

**Socioeconomic Impacts of the Great Lakes Restoration Initiative. University of Michigan Research Seminar in Quantitative Economics. September 30, 2018.*



FY 2020 – FY 2024 Great Lakes Restoration Initiative Action Plan Summary

Focus Areas	Objectives	Commitments
Focus Area 1: Toxic Substances and Areas of Concern	1.1. Remediate, restore, and delist Areas of Concern.	<ul style="list-style-type: none"> Implement management actions necessary to remove Beneficial Use Impairments and delist Areas of Concern.
	1.2. Share information on the risks and benefits of consuming Great Lakes fish, wildlife, and harvested plant resources with the people who consume them.	<ul style="list-style-type: none"> Increase the availability and accessibility of information to vulnerable populations that consume Great Lakes fish, wildlife, and harvested plant resources.
	1.3. Increase knowledge about (1) "Chemicals of Mutual Concern" identified pursuant to the Great Lakes Water Quality Agreement's Annex 3; and (2) other priority chemicals that have negatively impacted, or have the potential to negatively impact, the ecological or public health of the Great Lakes.	<ul style="list-style-type: none"> Fill critical data gaps for Annex 3 and other priority chemicals in the Great Lakes through discrete monitoring and assessment activities.
Focus Area 2: Invasive Species	2.1. Prevent introductions of new invasive species.	<ul style="list-style-type: none"> Work with Great Lakes states and tribes to conduct rapid response actions or exercises. Manage pathways through which invasive species can be introduced to the Great Lakes ecosystem. Conduct early detection and surveillance activities.
	2.2. Control established invasive species.	<ul style="list-style-type: none"> Implement control projects for GLRI-targeted invasive species.
	2.3. Develop invasive species control technologies and refine management techniques.	<ul style="list-style-type: none"> Conduct field testing of innovative control technologies and methods to prevent the introduction and to control the spread of invasive species. Develop/enhance invasive species-specific collaboratives to support rapid responses and communicate the latest control and management techniques.
Focus Area 3: Nonpoint Source Pollution Impacts on Nearshore Health	3.1. Reduce nutrient loads from agricultural watersheds.	<ul style="list-style-type: none"> Implement systems of conservation practices on farms and in streams to reduce and treat nutrient runoff. Increase adoption of enhanced nutrient management practices to reduce risk of nutrient losses from farmland.
	3.2. Reduce untreated stormwater runoff.	<ul style="list-style-type: none"> Increase implementation of green infrastructure practices to infiltrate stormwater runoff. Implement watershed management projects in urban and rural communities to reduce runoff and erosion.
	3.3. Improve effectiveness of nonpoint source control and refine management efforts.	<ul style="list-style-type: none"> Assess achievement of Great Lakes Water Quality Agreement's Annex 4 nutrient targets. Evaluate effectiveness of nonpoint source projects. Develop new or improved approaches for reducing or preventing harmful algal blooms.
Focus Area 4: Habitats and Species	4.1. Protect and restore communities of native aquatic and terrestrial species important to the Great Lakes.	<ul style="list-style-type: none"> Identify habitats that support important Great Lakes species and take actions to restore, protect, enhance, and/or provide connectivity for these habitats.
	4.2. Increase resiliency of species through comprehensive approaches that complement on-the-ground habitat restoration and protection.	<ul style="list-style-type: none"> Update and implement recovery actions for federal threatened, endangered, and candidate species. Support population-level protections, enhancements, and re-introductions for state, tribal, and Great Lakes native species of importance.
Focus Area 5: Foundations for Future Restoration Actions	5.1. Educate the next generation about the Great Lakes ecosystem.	<ul style="list-style-type: none"> Support experience-based learning opportunities for youth to promote Great Lakes stewardship.
	5.2. Conduct comprehensive science programs and projects.	<ul style="list-style-type: none"> Assess overall health of the Great Lakes ecosystem and identify the most significant remaining problems. Identify cross-cutting science priorities and implement projects to address those priorities.

Measures of Progress – These measures track results produced from GLRI funding unless otherwise noted.

<ul style="list-style-type: none"> 1.1.1.* Areas of Concern where all management actions necessary for delisting have been implemented. 1.1.2.* Beneficial Use Impairments removed in Areas of Concern. 1.1.3.* Areas of Concern with a complete and approved list of all management actions necessary for delisting.
<ul style="list-style-type: none"> 1.2.1. Number of state and tribal organizations that collect and share information with vulnerable populations regarding the consumption of Great Lakes fish, wildlife, and harvested plant resources.
<ul style="list-style-type: none"> 1.3.1. Discrete chemical monitoring and assessment activities conducted.
<ul style="list-style-type: none"> 2.1.1.* Rapid responses or exercises conducted. 2.1.2. Projects that manage pathways through which invasive species can be introduced to the Great Lakes ecosystem. 2.1.3. Early detection and surveillance activities conducted.
<ul style="list-style-type: none"> 2.2.1.* Aquatic/terrestrial acreage controlled.
<ul style="list-style-type: none"> 2.3.1. Technologies and methods field tested. 2.3.2. Collaboratives developed/enhanced.
<ul style="list-style-type: none"> 3.1.1.* Estimated pounds of phosphorus reductions from conservation practice implementation throughout Great Lake watersheds. 3.1.2.* Acres receiving technical or financial assistance on nutrient management in priority watersheds.
<ul style="list-style-type: none"> 3.2.1.* Estimated gallons (in millions) of untreated stormwater runoff captured or treated. 3.2.2.* Miles of Great Lakes shoreline and riparian corridors restored or protected.
<ul style="list-style-type: none"> 3.3.1.* Nutrient monitoring and assessment activities conducted. 3.3.2.* Nutrient or stormwater runoff reduction practices or tools developed or evaluated.
<ul style="list-style-type: none"> 4.1.1.* Acres of coastal wetland, nearshore, and other habitats restored, protected, or enhanced. 4.1.2.* Miles of connectivity established for aquatic species.
<ul style="list-style-type: none"> 4.2.1.* Species benefited where actions have been completed to significantly protect or promote recovery of populations.
<ul style="list-style-type: none"> 5.1.1. Youth impacted through education and stewardship projects.
<ul style="list-style-type: none"> 5.2.1. Annual Great Lakes monitoring conducted and used to prioritize GLRI funding decisions. 5.2.2. Identify and address cross-Focus Area science priorities to support implementation of GLRI and the Great Lakes Water Quality Agreement.

* These measures have a numerical target.

Measures 1.1.1, 1.1.2, and 3.1.2 track results from GLRI and other federal funding.



FOCUS AREA 1

TOXIC SUBSTANCES AND AREAS OF CONCERN

Objective

1.1. Remediate, restore, and delist Areas of Concern.

Commitment

- Implement management actions necessary to remove Beneficial Use Impairments and delist Areas of Concern.

FOCUS AREA 1

Measures of Progress with Annual Targets	Baseline/ Universe	FY 2020 Target	FY 2021 Target	FY 2022 Target	FY 2023 Target	FY 2024 Target
• 1.1.1. Areas of Concern where all management actions necessary for delisting have been implemented.	Baseline: 12 Universe: 31	16	18	19	20	22
• 1.1.2. Beneficial Use Impairments removed in Areas of Concern.	Baseline: 80 Universe: 255	93	101	109	118	128
• 1.1.3. Areas of Concern with a complete and approved list of all management actions necessary for delisting.	Baseline: 18 Universe: 31	22	24	26	28	31

**Baselines* identify results through FY 2018 and *Targets* are cumulative. *Universes* represent the total number possible.*



Summary of FY 2017 – FY 2024 Allocations* by Focus Area

(Dollars in Thousands)

Focus Area	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Toxic Substances and AOC	\$107,500	\$105,600	\$107,400	\$115,800	\$118,500	\$62,600	\$102,165	TBD
Invasive Species	\$62,200	\$56,700	\$57,000	\$62,900	\$66,000	\$81,000	\$70,213	TBD
Nonpoint Source Pollution Impacts on Nearshore Health	\$47,900	\$50,600	\$51,200					
Habitat and Species	\$49,500	\$52,400	\$51,400					
Foundations for Future Restoration Actions	\$32,900	\$34,700	\$33,000					
TOTAL	\$300,000	\$300,000	\$300,000					

Allocations are based on budgets approved by Regional Working Group agencies. The FY 2022 allocations reflect adjustments as a result of allocating BIL funding, principally to cleanup of AOCs. RWG agencies develop allocations for future funding, such as FY 2023 and FY 2024, based on the authorized GLRI funding level and will make adjustments upon appropriation.

Summary of FY 2017 – FY 2024 Allocations* by Agency

(Dollars in Thousands)

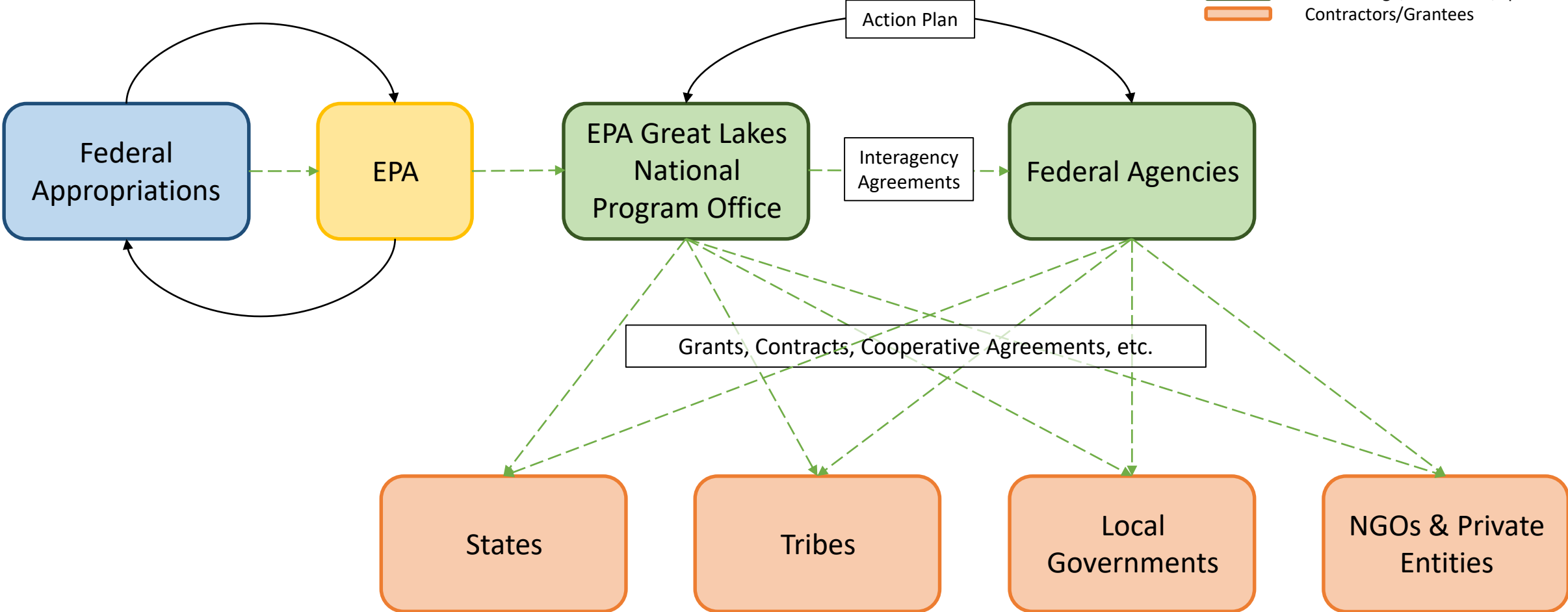
Agency	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
DHS-USCG	\$1,580	\$500	\$1,661	\$1,250	\$1,300	\$1,200	TBD	TBD
DOC-NOAA	\$12,027	\$24,629	\$29,405	\$28,163	\$16,621	\$29,420	TBD	TBD
DOD-USACE	\$55,940	\$43,559	\$37,387	\$30,599	\$42,612	\$17,687	TBD	TBD
DOI-BIA	\$10,904	\$11,617	\$9,842	\$15,840	\$15,765	\$19,368	TBD	TBD
DOI-NPS	\$4,379	\$3,940	\$3,822	\$3,794	\$4,968	\$7,996	TBD	TBD
DOI-USFWS	\$41,794	\$52,902	\$47,272	\$53,523	\$59,288	\$78,910	TBD	TBD
DOI-USGS	\$26,817	\$25,724	\$21,603	\$19,780	\$19,790	\$20,702	TBD	TBD
DOT-MARAD	\$800	\$675	\$803	\$5,500	\$8,000	\$6,500	TBD	TBD
HHS-ATSDR/CDC	\$593	\$590	\$0	\$0	\$0	\$0	TBD	TBD
USDA-APHIS	\$1,262	\$1,176	\$1,312	\$1,378	\$1,459	\$1,830	TBD	TBD
USDA-NRCS	\$22,072	\$25,096	\$20,697	\$22,239	\$24,374	\$31,824	TBD	TBD
USDA-USFS	\$11,355	\$10,153	\$11,646	\$9,921	\$12,464	\$12,958	TBD	TBD
IA Totals:	\$189,522	\$200,560	\$185,448	\$191,988	\$206,641	\$228,395	TBD	TBD
EPA and Misc. IAs	\$110,478	\$99,440	\$114,552	\$128,012	\$123,359	\$119,605	TBD	TBD
Totals:	\$300,000	\$300,000	\$300,000	\$320,000	\$330,000	\$348,000	\$368,000	TBD

Allocations are based on budgets approved by Regional Working Group agencies. The FY 2022 allocations reflect adjustments as a result of allocating BIL funding, principally to cleanup of AOCs. RWG agencies develop allocations for future funding, such as FY 2023 and FY 2024, based on the authorized GLRI funding level and will make adjustments upon appropriation.



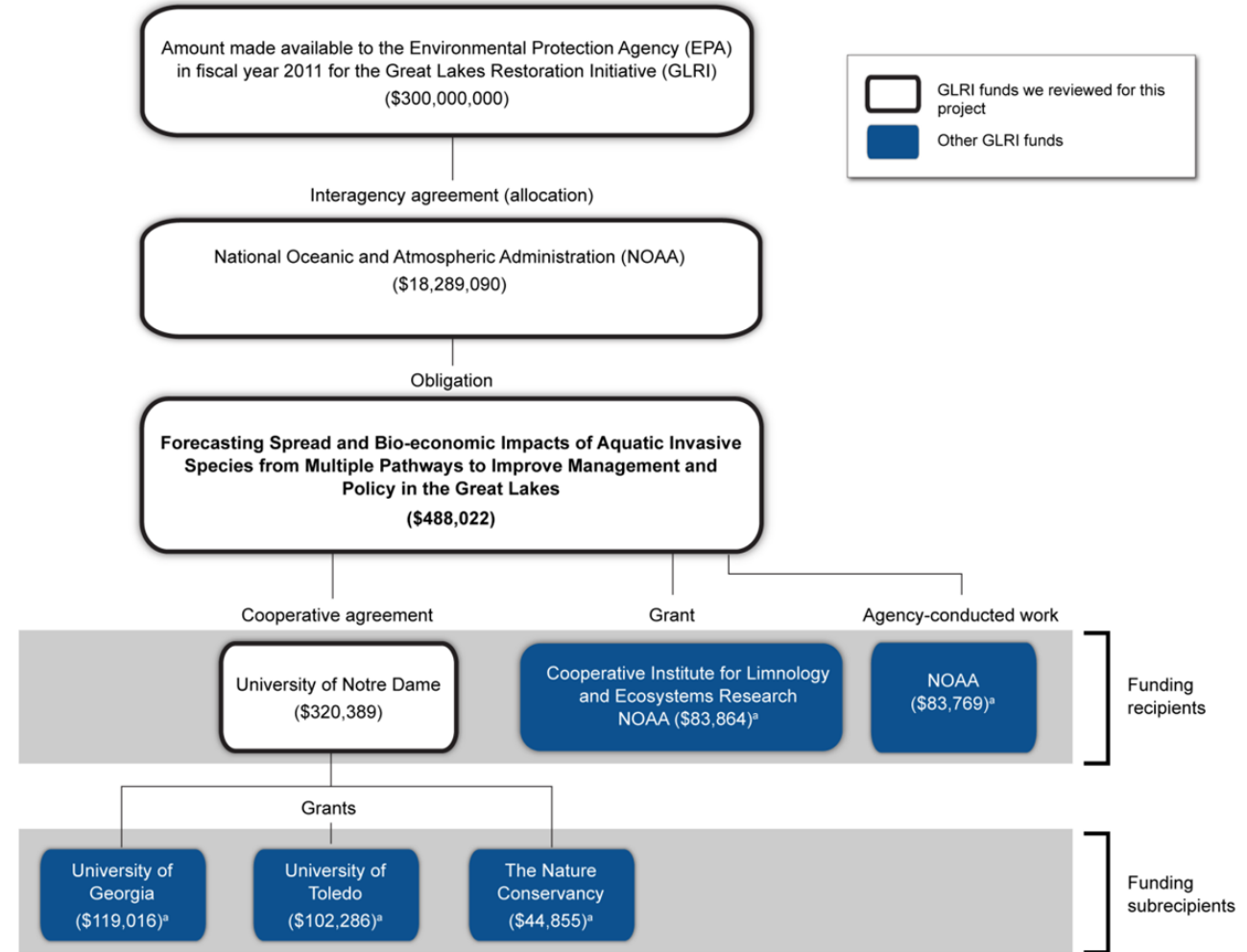
GLRI: Pathways for Funding

- Key:
- ← Decision-making
 - Flow of Funds
 - - - Public Engagement
 - ▭ Source of Funds
 - ▭ Passthrough
 - ▭ Passthrough/Distributor/Spender
 - ▭ Contractors/Grantees



GLRI: Pathways for Funding

Figure 6: Example of Distribution of Funds for a Great Lakes Restoration Initiative Project



Sources: GAO analysis of EPA's January 2015 financial management update reports for GLRI amounts made available in fiscal year 2011, and information from NOAA and the University of Notre Dame. | GAO-15-526

^aThe Cooperative Institute for Limnology and Ecosystems Research and recipients of grants made by the University of Notre Dame may have further subawarded these GLRI funds, but GAO did not review that information.

Codified Requirement

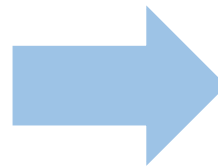
(H) Monitoring and reporting The Administrator shall—

- (i)** establish and maintain a process for monitoring and periodically reporting to the public on the progress made in implementing the Initiative Action Plan;
- (ii)** make information about each project carried out under the Initiative Action Plan available on a public website; and
- (iii)** provide to the Committee on Transportation and Infrastructure of the House of Representatives and the Committee on Environment and Public Works of the Senate a yearly detailed description of the progress of the Initiative and amounts transferred to participating Federal departments and agencies under subparagraph (D)(ii).

(i) Translating Goals into Measures

Long-Term Goals for the Great Lakes Ecosystem

- All Areas of Concern delisted
- Fish safe to eat
- Water safe for recreation
- Safe source of drinking water
- No new self-sustaining invasive species
- Existing invasive species controlled
- Harmful/nuisance algal blooms eliminated
- Habitat protected and restored to sustain healthy ecosystem function and native species



Focus Area	GLRI Action Plan II Measures	Result/Target				
		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Toxic Substances	1.1.1 AOC Management Actions*	7/8	8/9	11/11	12/12	12/17
	1.1.2 BUIs*	60/60	65/65	73/72	80/78	89/85
	1.2.1 People Provided Fish Consumption Information	221,230	207,953	98,942	118,361	794,810
	1.2.2 Fish/Wildlife Emerging Contaminant Projects	14	7	9	11	9
Preventing and Controlling Invasive Species	2.1.1 Rapid Response Exercises	21/8	11/8	25/8	12/8	37/8
	2.1.2 Projects Blocking Pathways	8	14	15	28	80
	2.1.3 Early Detection Activities	15	3	7	24	53
	2.2.1 Aquatic /Terrestrial Acres*	101,392/94,500	115,889/110,000	134,856/120,000	153,569/80,000	178,258/140,000
	2.2.2 Invasive Tributary Miles	0	0	0	69	76
	2.3.1 Invasive Technologies*	62	65	70	92	105
	2.3.2 Invasive Collaboratives*	4	4	4	10	16
	Nonpoint Source Pollution Impacts on Nearshore Health	3.1.1 Ag. Phosphorus Reduction* (lbs.)	160,117/130,000	402,943/310,000	767,864/525,000	1,113,603/795,000
3.1.2 Nutrient/Sediment Reduction (acres)		101,574	89,211	169,045	115,519	105,241
3.1.3 Measured Nutrient/Sediment Reductions* (lbs.)		NA	NA	NA	138	NA
3.2.1 Urban Runoff* (millions of gallons)		37/30	116/70	239/120	252/185	274/250
3.2.2 Urban Runoff Projects		18	36	36	22	33
3.2.3 Measured Urban Runoff*		NA	NA	NA	46,964	2,816,500
Habitats and Species		4.1.1 Habitat Tributary Miles*	3,855/2,200	4,615/4,200	4,967/4,900	5,289/3,100
	4.1.2 Shoreline Miles*	313/75	662/350	947/725	1,046/225	1,477/875
	4.1.3 Coastal Wetland Acres*	7,033/7,000	17,540/15,000	24,306/30,000	52,755/52,000	60,531/60,000
	4.1.4 Other Habitat Acres*	146,815/127,000	167,218/167,000	201,663/187,000	317,733/187,000	381,205/227,000
	4.2.1 Federally-Listed Species Projects	10	17	24	31	50
	4.2.2 Self-Sustaining Species Projects	47	28	23	38	71
Foundations for Future Restoration	5.1.1 Climate Resiliency Criteria Developed	NA	Developed	NA	NA	NA
	5.1.2 Climate Resiliency Criteria Incorporated	NA	NA	Incorporated	Incorporated	Incorporated
	5.2.1 Trained Educators	331	407	611	914	677
	5.2.2 People Educated	24,785	27,989	35,078	40,480	84,654
	5.3.1 Evaluations	Completed	Completed	Completed	Completed	Completed
	5.3.2 Annual Monitoring	Conducted	Conducted	Conducted	Conducted	Conducted
	5.3.3 Targeted Watersheds, Habitats, Species to prioritize Funding	Identified	Identified	Identified	Identified	Identified
	5.3.4 Annual GLRI Reports	Issued	Issued	Issued	Issued	Issued
	5.3.5 Triennial GLWQA Reports	NA	Issued	NA	NA	Issued
	5.3.6 Triennial State of the Lakes Report	NA	NA	Issued	NA	NA
5.3.7 Online Information	Updated	Updated	Updated	Updated	Updated	



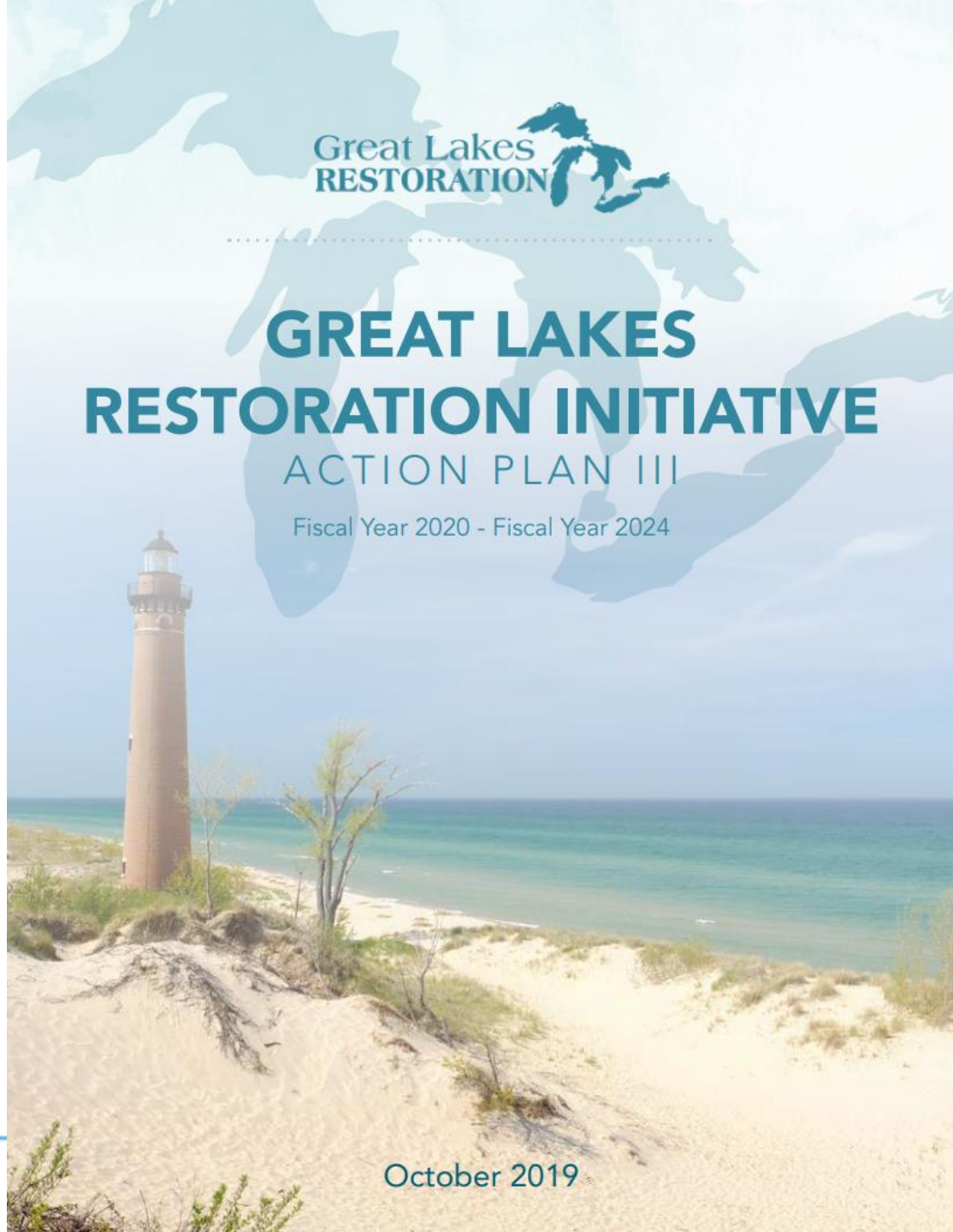
Great Lakes
RESTORATION



GREAT LAKES RESTORATION INITIATIVE

ACTION PLAN III

Fiscal Year 2020 - Fiscal Year 2024



October 2019

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Revising the Action Plan

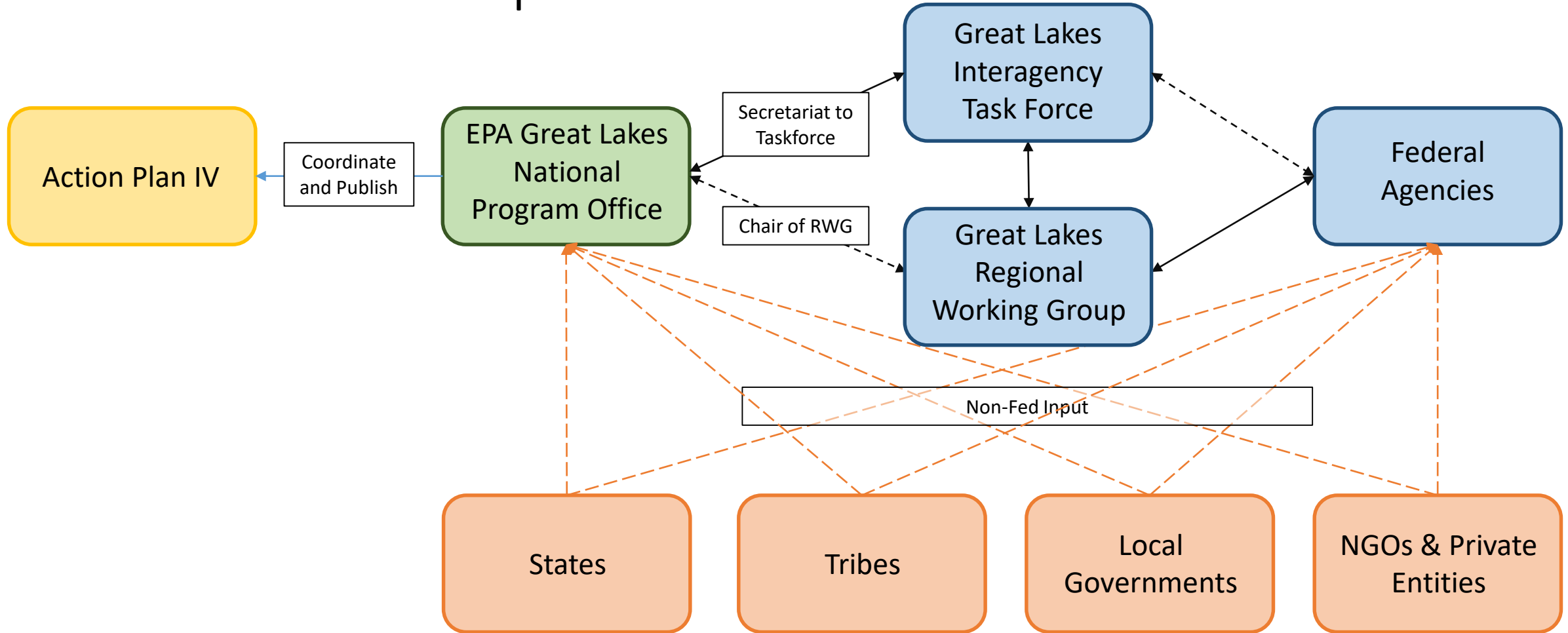
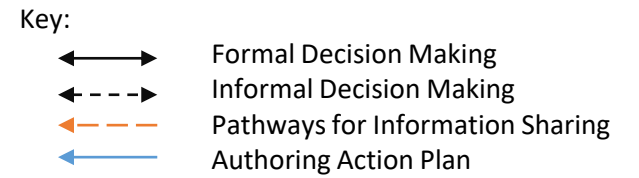
(i) In general Not less often than once every 5 years, the Administrator, in conjunction with the Great Lakes Interagency Task Force, shall review, and revise as appropriate, the Initiative Action Plan to guide the activities of the Initiative in addressing the **restoration and protection** of the Great Lakes system.

(ii) Outreach In reviewing and revising the Initiative Action Plan under clause (i), the Administrator **shall consult** with the Great Lakes States and Indian tribes and **solicit input** from other non-Federal stakeholders.

33 U.S.C. §1268



Goal-Setting: Pathways to Influence Action Plan Development



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