



**Federal Contaminated Sites  
Action Plan (FCSAP)**

# **Federal Contaminated Sites Action Plan Update and Demand Forecast 2020-2025**

Environmental Services Association Maritimes (ESAM)

Thursday, June 25 2020



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# Overview

- Federal Contaminated Sites Action Plan (FCSAP)
- Northern Abandoned Mines Reclamation Program (NAMRP)
- 2020-2025 Demand Forecasts – National and Atlantic
- Procurement Approaches
- Demand Forecast Tools, including Interactive Map
- Access to GcCollab
- Next Steps / Feedback
- Contact Information



# Federal Contaminated Sites Action Plan (FCSAP)

What are federal contaminated sites?



On lands owned or leased by the federal government



On non-federal lands for which the gov't has accepted responsibility

FCSAP was established in 2005 with the following objectives:



Reducing risks to human health and the environment



Reducing associated environmental liabilities from sites



# Achievements in First 15 Years (2005-2020)

\$4.5 billion investment

- World-class contaminated sites management industry in Canada

2,400 sites with remediation

- 2,100 fully remediated

Skills development and job training

- 20,700 direct jobs; \$2.0 billion spent in Canada's North

Science development

- 88 environmental quality guidelines, technical guidance, tools

Source: FCSAP Secretariat (January 2020)

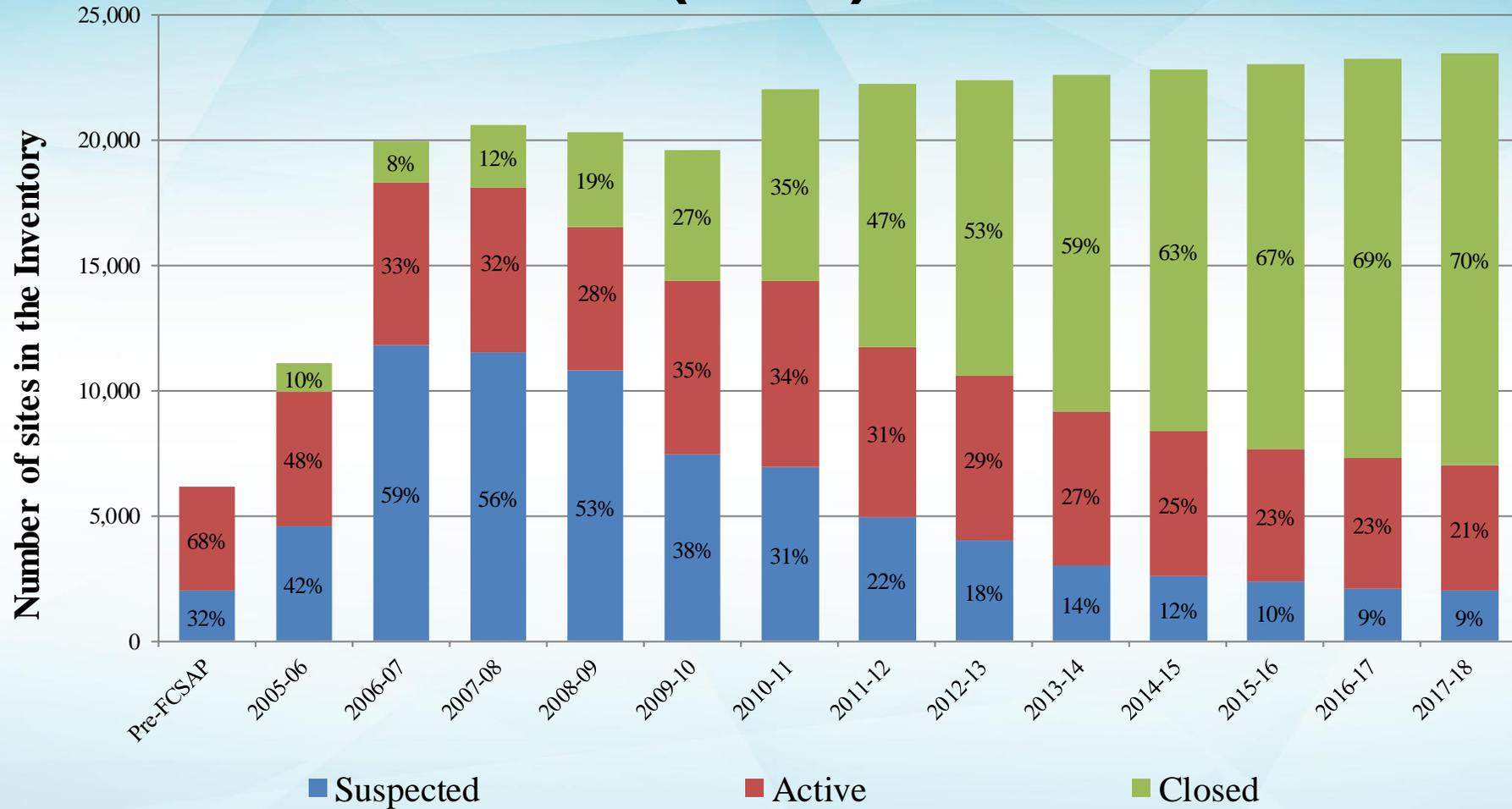


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# Status of sites in the Federal Contaminated Sites Inventory (FCSI)





## FCSAP Beyond 2020

- Program renewed until FY 2034-35, with funding renewed in 5 year increments.
- Phase IV (2020-2025):
  - \$35.1M for assessment
  - \$1.2B for remediation, risk management and long term monitoring
- 18 custodians
- Secretariat: ECCC and TBS





# Northern Abandoned Mines Reclamation Program (NAMRP)

- \$2.2 billion over 15 years starting in 2020-2021 to address Crown-Indigenous Relations and Northern Affairs Canada's (CIRNAC) 8 largest abandoned mine remediation projects:

## Yukon:

- Faro Mine
- United Keno Hill Mine Project
- Ketzka River Mine Project
- Clinton Creek Mine Project
- Mount Nansen Mine Project

## NWT:

- Giant Mine
- Cantung Mine Project
- Great Bear Lake Project





# DEMAND FORECAST 2020-2025



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# Caveats

1. The analysis contained herewith is the best information currently available and provides a “big picture” perspective on FCSAP and NAMRP investments
2. The data is extracted from the latest National Workplan and Federal Contaminated Site Inventory (FCSI) and is a **snapshot** of funding submissions and contaminated sites data and is subject to possible revisions.
3. Custodians sometimes experience project delays due to weather conditions or other unforeseen circumstances, which can affect their work plans. Although projects may be approved, they may not proceed for logistical reasons.
4. Annual updates will improve future year estimates in terms of quality – from a cost objective to a budget estimate, and quantity – both number of sites and value.

Complete list of caveats are available on Federal CS Demand Forecasts GcCollab group:

<https://gccollab.ca/file/view/3716266/fcsap-phase-iv-cs-demand-forecast-analysis-january-2020-final-enpdf>

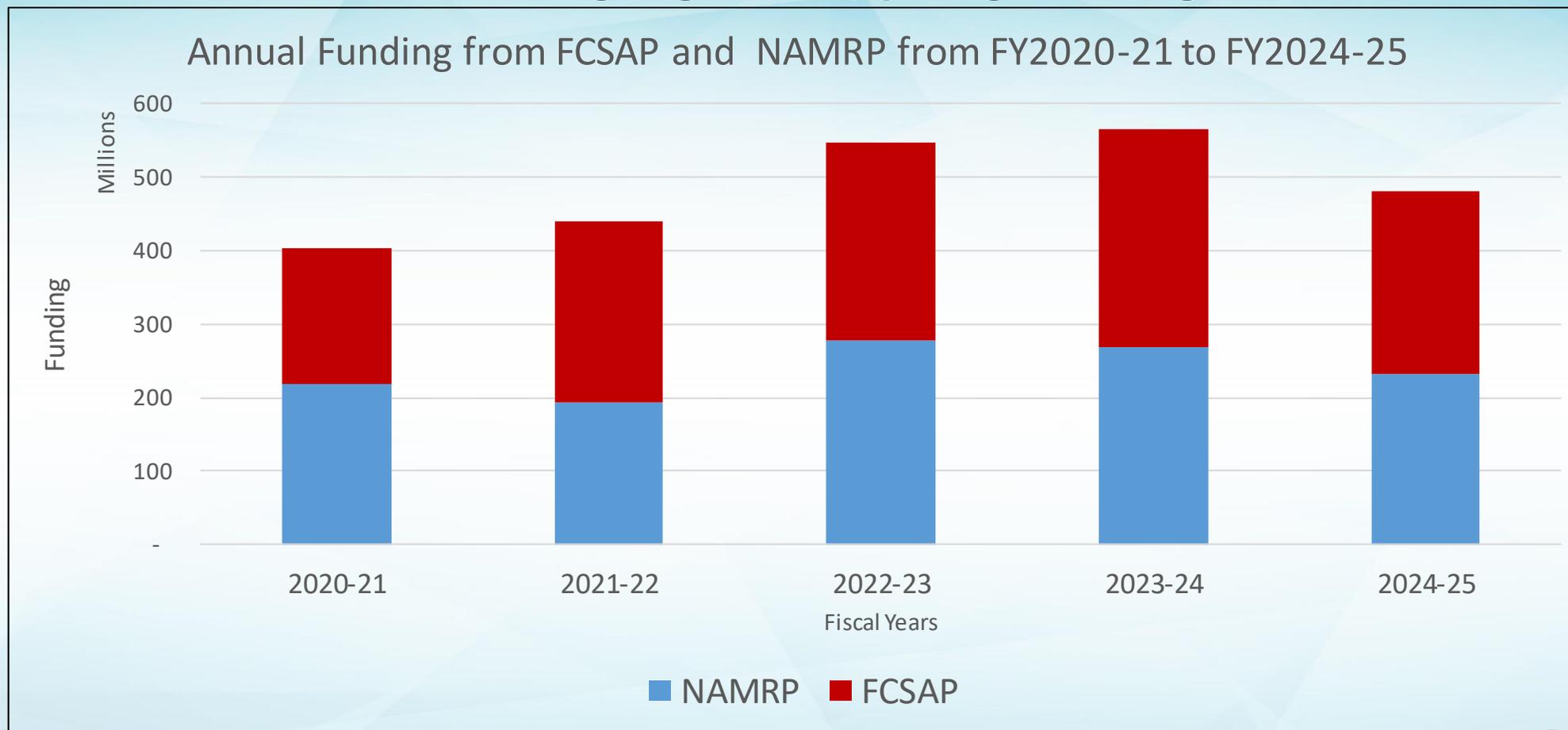


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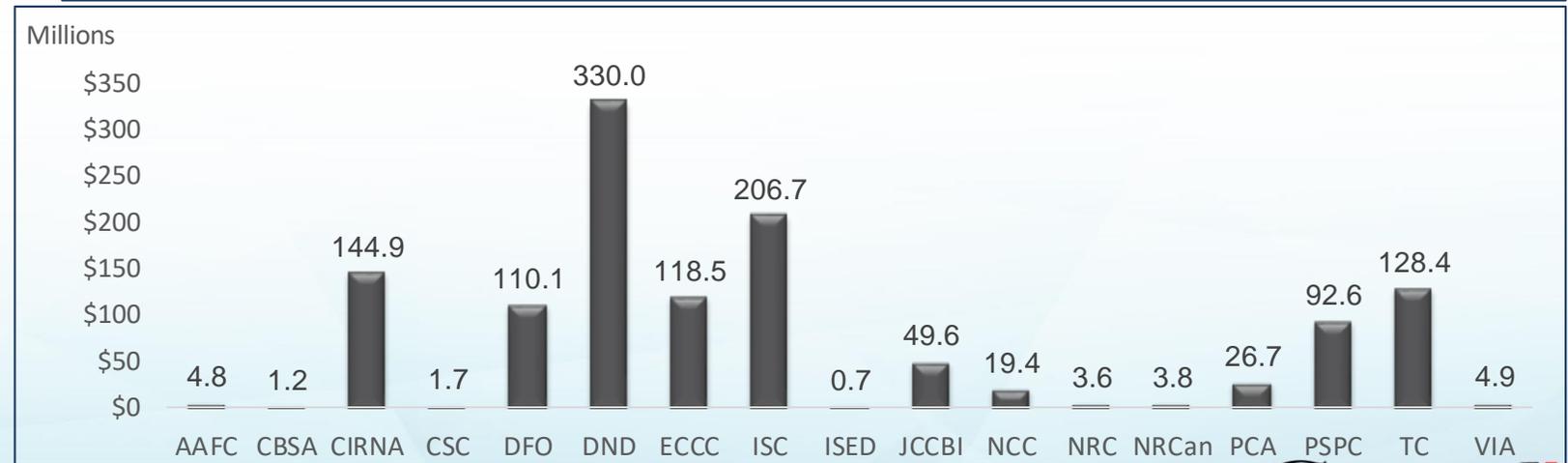
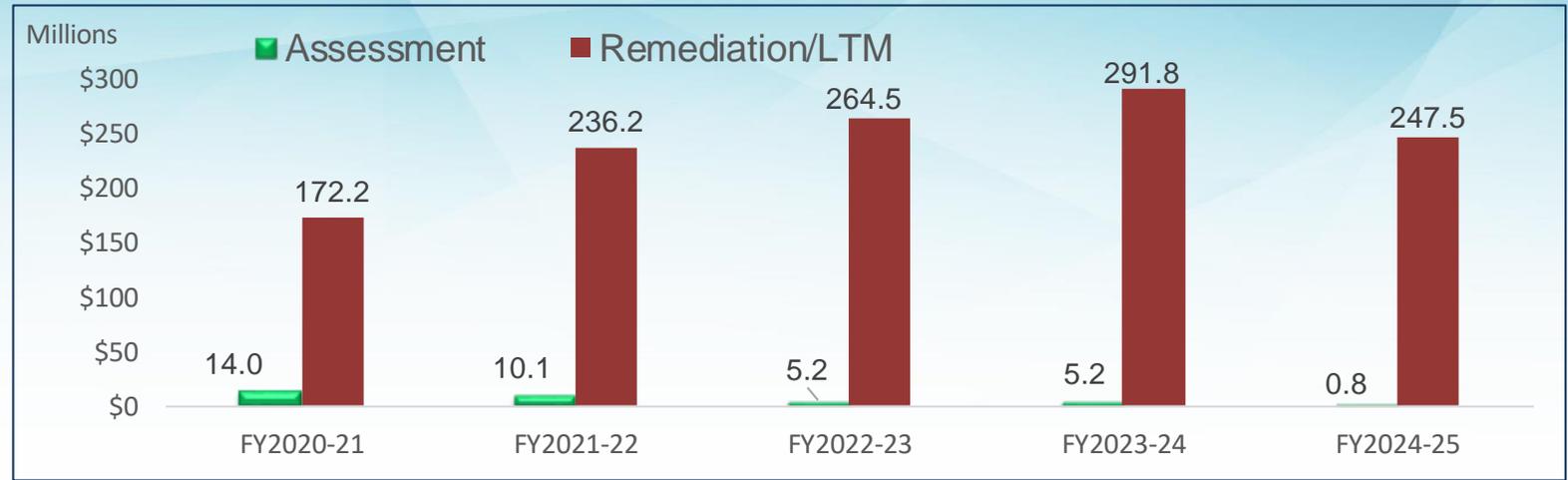
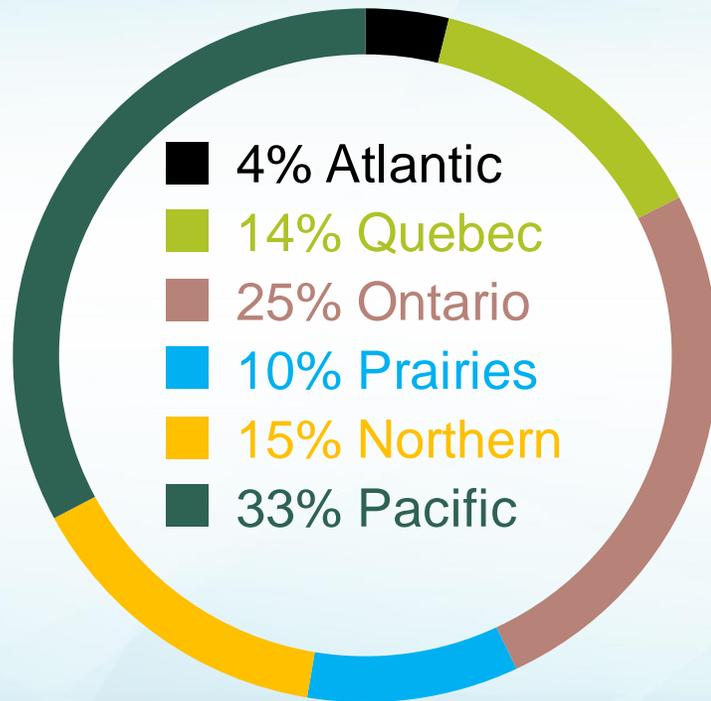
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# Federal Contaminated Sites Demand Forecast – FY2020-21 to 2024-25



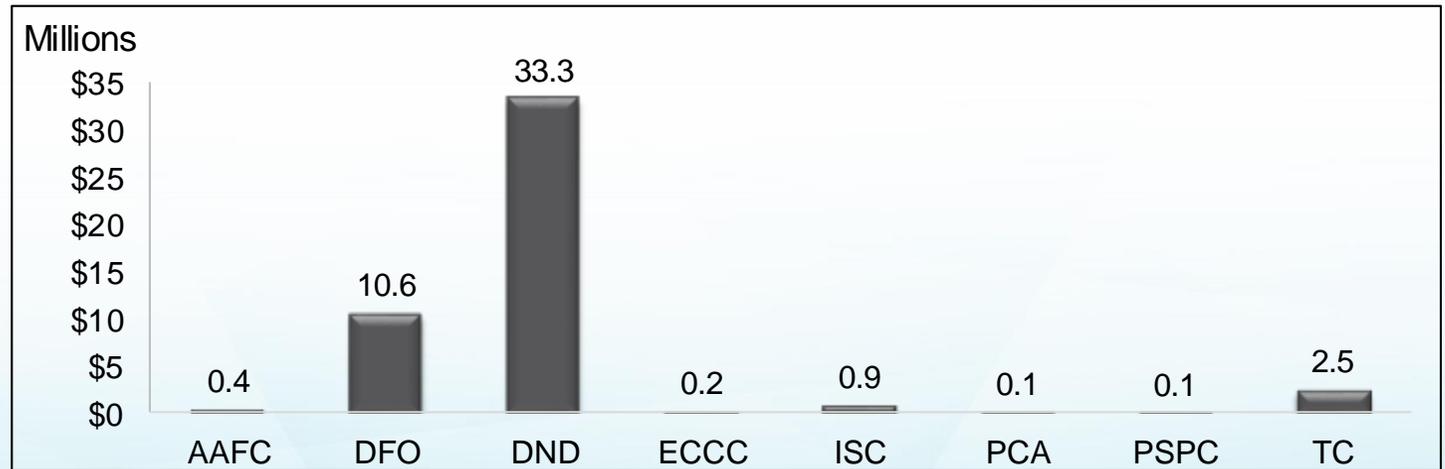
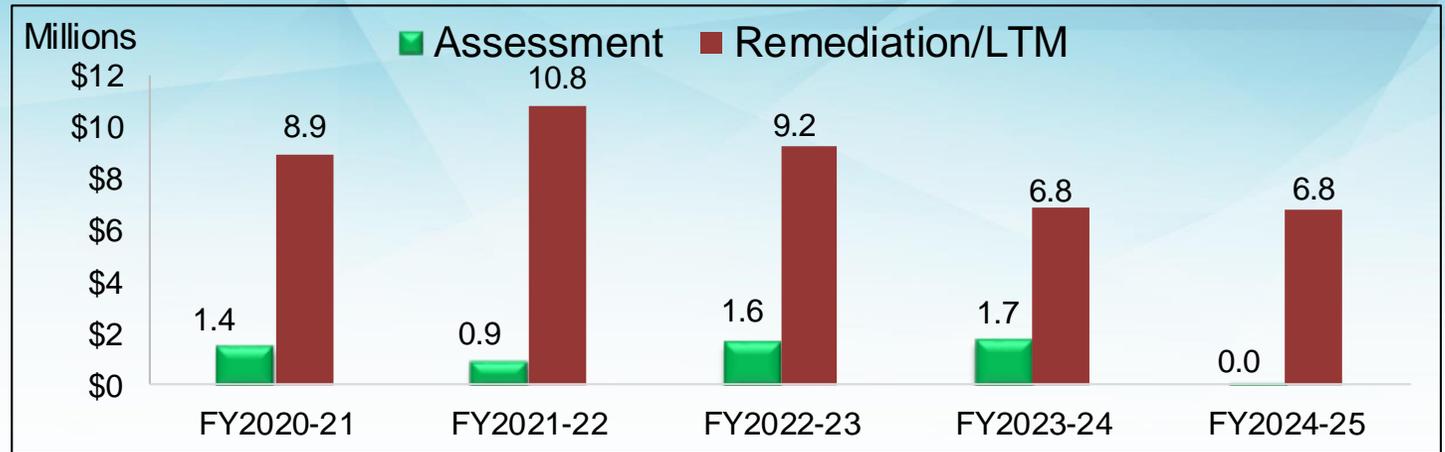
# National Overview of FCSAP Phase IV

<b>\$1.2B</b>	<b>306</b>	<b>1275</b>
Funding	Assessment Sites	Remediation/LTM Sites



# Atlantic - Overview of FCSAP Phase IV

<b>\$48.1M</b>	
Funding	
<b>\$5.6M</b>	<b>16</b>
Assessment Sites	Assessment Sites
<b>\$42.5M</b>	<b>213</b>
Remediation/LTM Sites	Remediation/LTM Sites



Source: FCSAP Secretariat (April 2020)



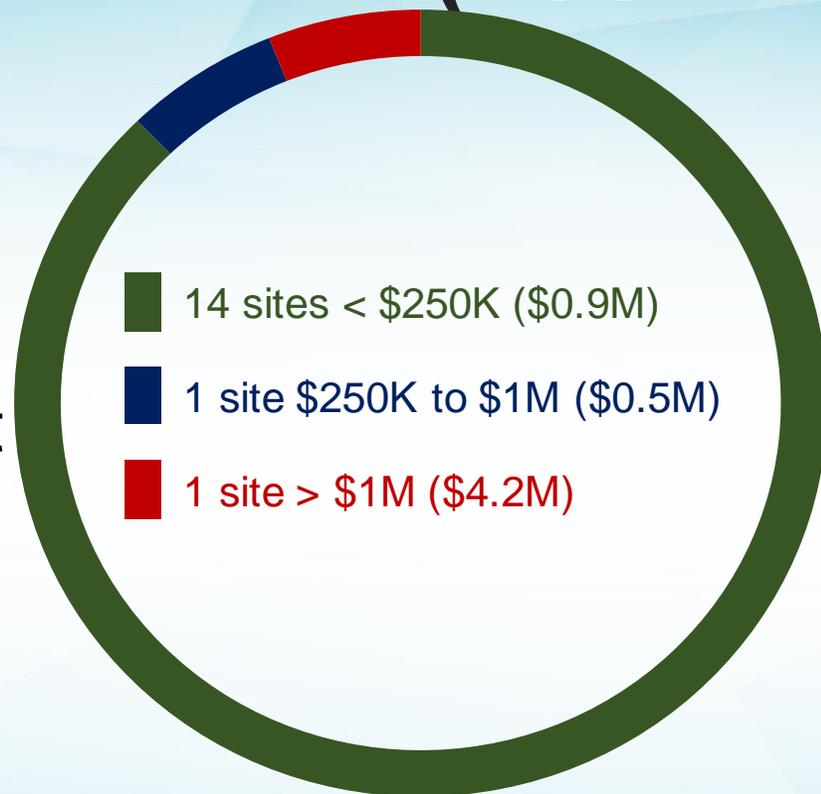
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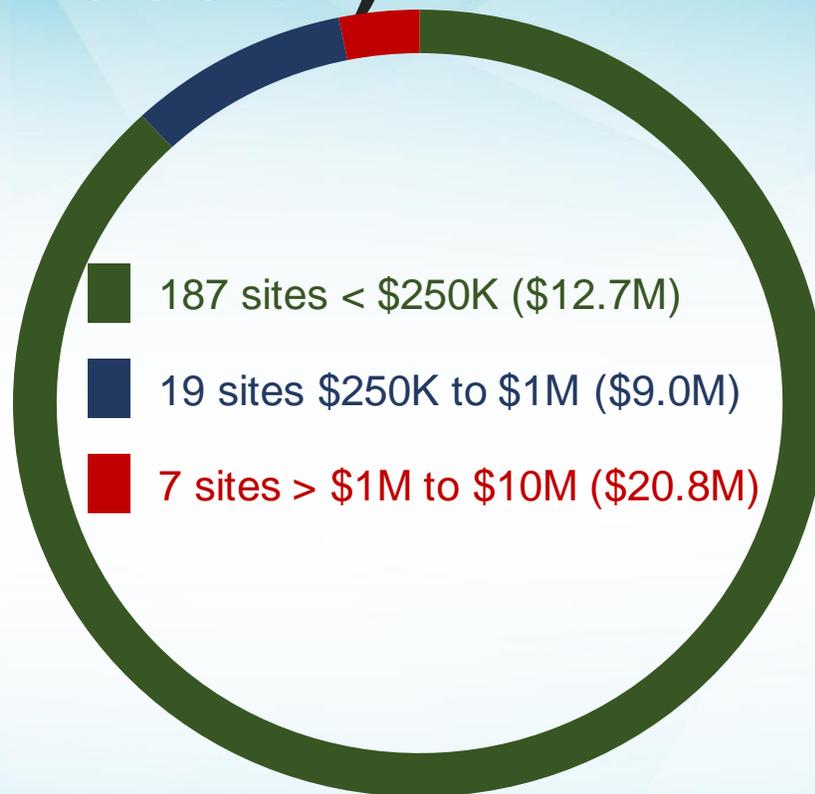
# Atlantic - Distribution of Values of Sites (FCSAP Phase IV)

Assessment



**\$5.6M / 16 sites**

Remediation/  
LTM

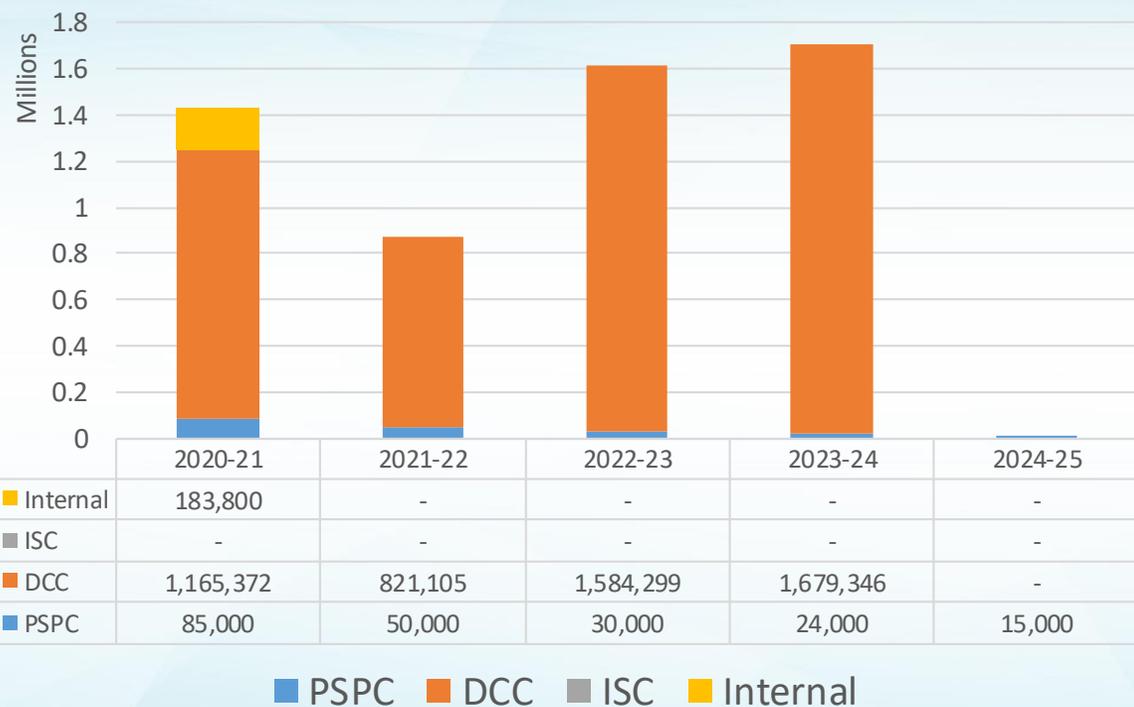


**\$42.5M / 213 sites**

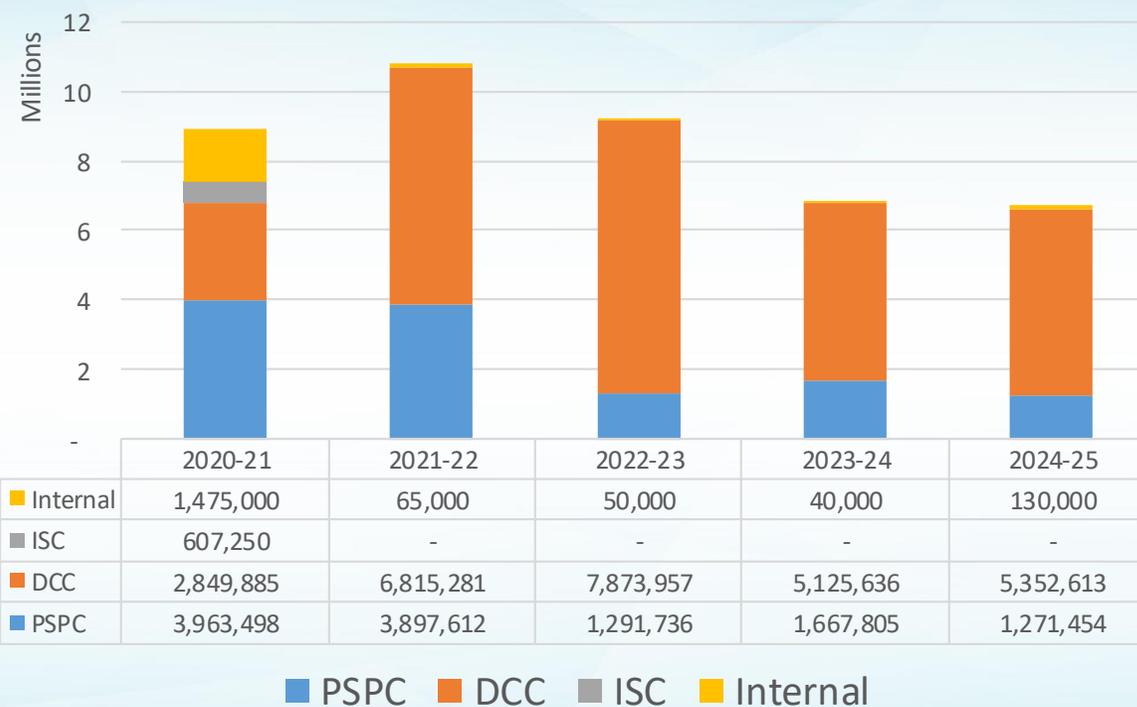


# Atlantic – FCSAP Phase IV Funding by Procurement Provider

## Assessment



## Remediation/Long Term Monitoring





## Procurement Approaches

- Generally lower dollar value sites are procured by Standard Procurement Tools (e.g. Standing Offer Agreements, Task Authorization, Supply Arrangements)
- Generally higher dollar value and more complex sites are advertised on [buyandsell.gc.ca](http://buyandsell.gc.ca) (Canada's Electronic Tendering Service) and MERX ([www.merx.com](http://www.merx.com)) for the tendering process
- Individual First Nations may put out requests for bidders for assessment and remediation work on their lands





## Demand Forecast Tools

- Live interactive tool: <https://arcg.is/18aG19>
- Available on Federal Contaminated Sites Demand Forecasts GcCollab group:
  - User Manual: <https://gccollab.ca/file/view/3636333/enfcsap-phase-iv-web-dashboard-user-manualfr>
  - Complete Federal CS Demand Forecast Analysis Report: <https://gccollab.ca/file/view/3716266/enfcsap-phase-iv-cs-demand-forecast-analysis-january-2020-final-enpdfrfcsap-phase-iv-cs-demand-forecast-analysis-january-2020-final-enpdf>



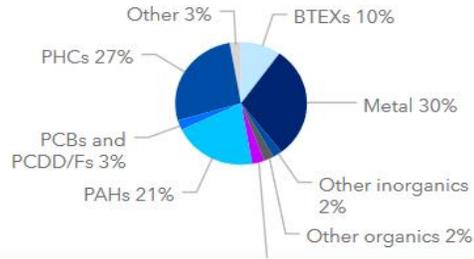
# Interactive Map Tool

**FCSAP Phase IV** Federal Contaminated Sites Action Plan / Northern Abandoned Mine Reclamation Program  
 Geomatic Application Dashboard to represent FCSAP Sites and

**Disclaimer:**  
 January 2020: The data contained herewith is the best information currently available and provides a "big

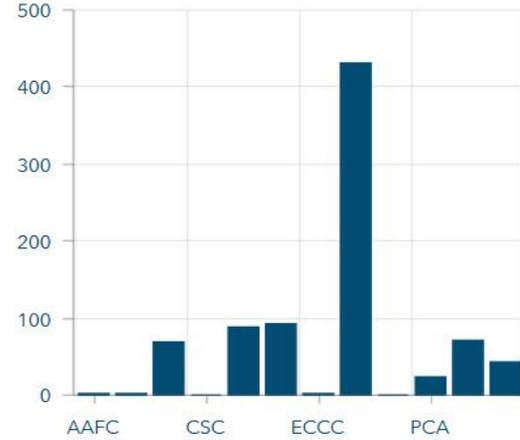
**Orange** 1 - High Priority for Action  
**Blue** 2 - Medium Priority for Action  
**Green** 3 - Low Priority for Action

## Contaminant Type



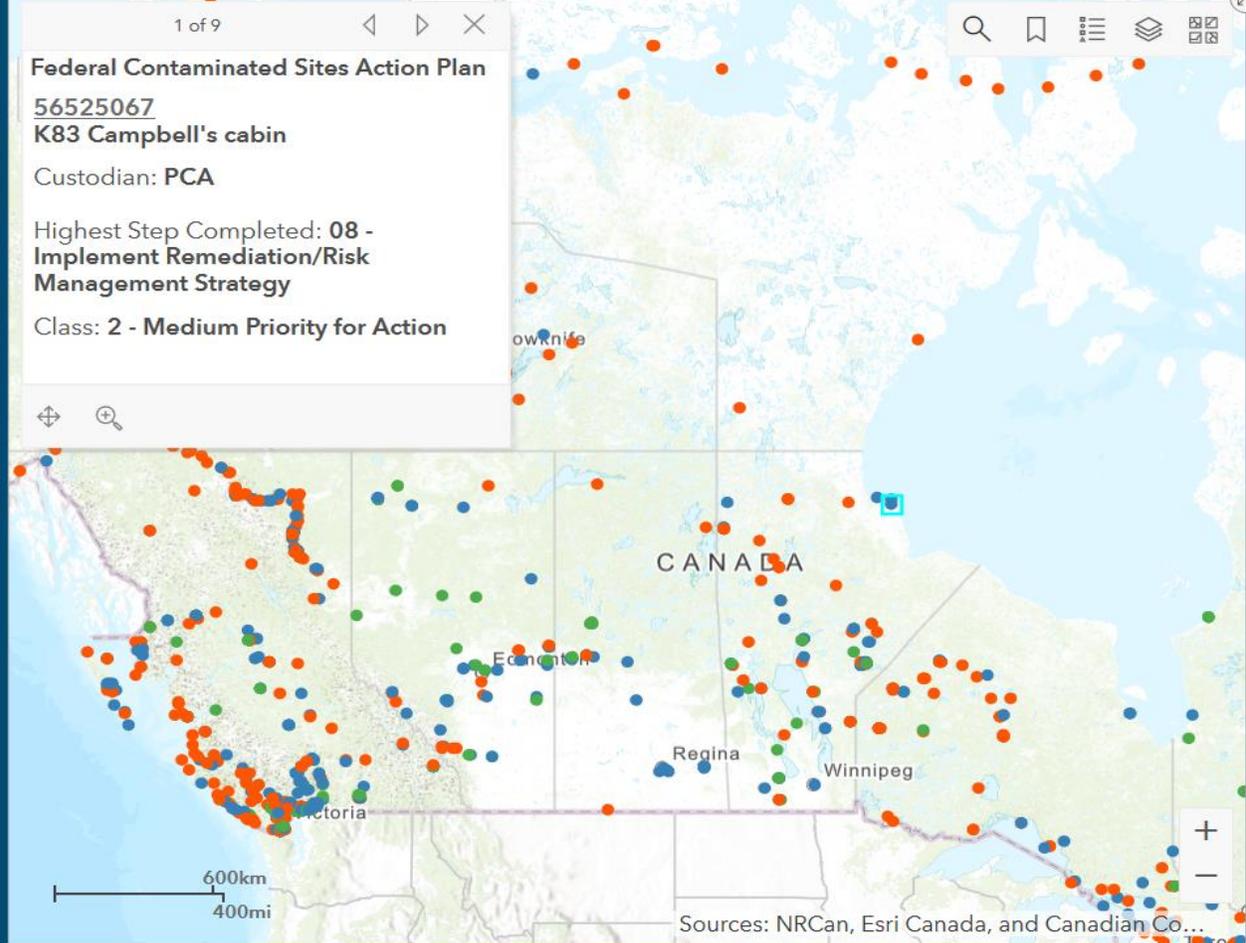
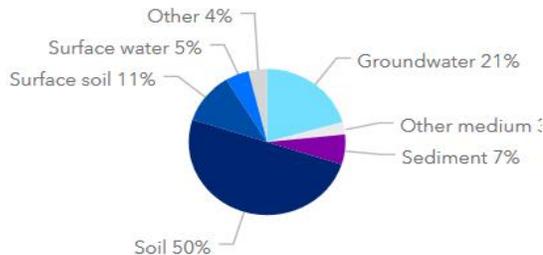
BTEXs benzene, toluene, ethylbenzene, ar  
 Metals metal, metalloid, and organometall  
 PAHs polycyclic aromatic hydrocarbon  
 PCBs polychlorinated biphenyl  
 PCDD/Fs polychlorinated dibenzo-p-dioxin/c

## Custodians



AAFC Agriculture and Agri-Food Canada  
 CBSA Canada Border Services Agency  
 CIRNAC Crown-Indigenous Relations and Northern  
 CSC Correctional Service Canada  
 DFO Department of Fisheries and Oceans  
 DND Department of National Defence  
 ECCC Environment and Climate Change Canada  
 ISC Indigenous Services Canada  
 ISED Innovation, Science and Economic Development  
 JCCBI Jacques Cartier and Champlain Bridges  
 NCC National Capital Commission  
 NRC National Research Council  
 NRCan Natural Resources Canada  
 PCA Parks Canada Agency

## Medium Type



# Access to GCcollab

- ❖ Step 1: Create an GCcollab account (<https://gccollab.ca/splash>).

If you have a non-federal government email address, there are 2 options:

- 1) Submit a ticket to the GCcollab Help Desk (<https://support.gccollab.ca/en/support/tickets/new>) requesting an account
- 2) Contact a Gccollab user for this person to invite you. e.g. Derek Aucoin ([derek.aucoin@pwgsc.gc.ca](mailto:derek.aucoin@pwgsc.gc.ca)), Martine Lalande ([martine.lalande@pwgsc.gc.ca](mailto:martine.lalande@pwgsc.gc.ca))

- ❖ Step 2: Request Membership to join this group: **Federal Contaminated Sites Demand Forecasts / Prévisions de la demande reliée aux sites contaminés fédéraux** using this link:

<https://gccollab.ca/groups/profile/3625736/enfederal-contaminated-sites-demand-forecasts-pru00e9visions-de-la-demande-reliu00e9e-aux-sites-contaminu00e9s-fu00e9du00e9rauxfr>

- ❖ Step 3: When your membership request has been processed, you will be to access the files using this link: <https://gccollab.ca/file/group/3625736/all#>

If you have any questions/problems, please consult the FAQ GCcollab page:

<https://gccollab.ca/help/knowledgebase> or contact Martine Lalande ([martine.lalande@pwgsc.gc.ca](mailto:martine.lalande@pwgsc.gc.ca)).





## Next Steps / Feedback

- Pandemic challenges (travel, field work, “second wave”, etc.)
- Potential stimulus initiatives
- Continuous improvement:
  - Increase indigenous engagement and opportunities
  - Increase innovative and/or sustainable technologies in sites/contracts
  - Increase opportunities to Small and Medium Enterprises
  - Ensure climate change resiliency of federal contaminated sites
  - Any other ideas



# Contact Information

## ECCC

Rita Mroz, Regional Coordinator, FCSAP

Email: [rita.mroz@canada.ca](mailto:rita.mroz@canada.ca)

## CIRNAC

Jessica Trotto, Director Program Management

Email: [jessica.trotto@canada.ca](mailto:jessica.trotto@canada.ca)

## PSPC

Derek AuCoin, Senior Environmental Specialist

Email: [derek.aucoin@pwsgc.gc.ca](mailto:derek.aucoin@pwsgc.gc.ca)

## Office of Small and Medium Enterprise:

Telephone: 902-426-5677

Email: [OSME-BPME-Atl@tpsgc-pwgsc.gc.ca](mailto:OSME-BPME-Atl@tpsgc-pwgsc.gc.ca)

## **Federal Contaminated Sites Website:**

<https://www.canada.ca/en/environment-climate-change/services/federal-contaminated-sites.html>



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# Questions?



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# ANNEX



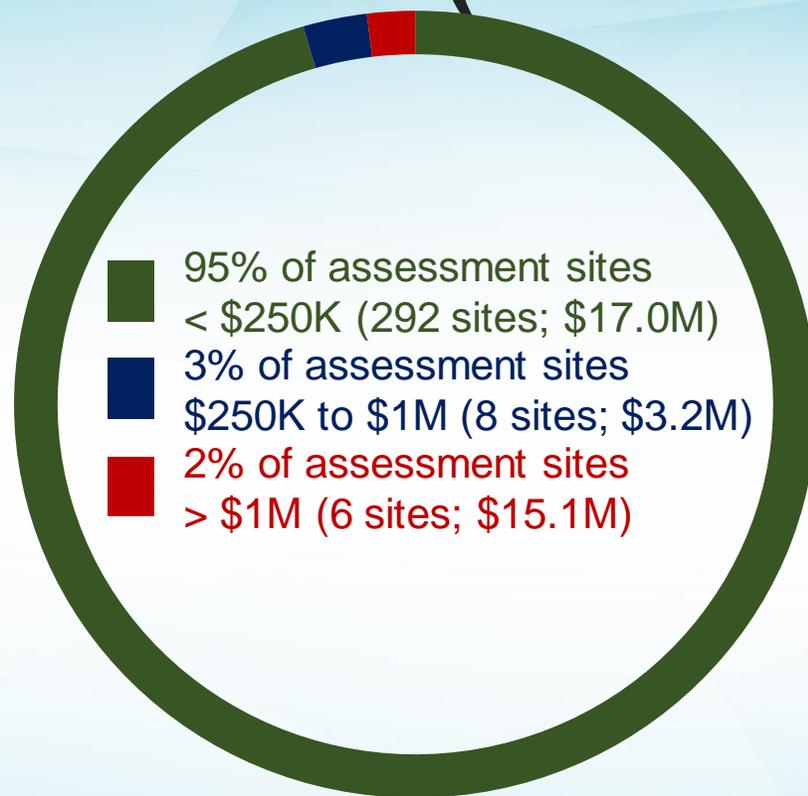
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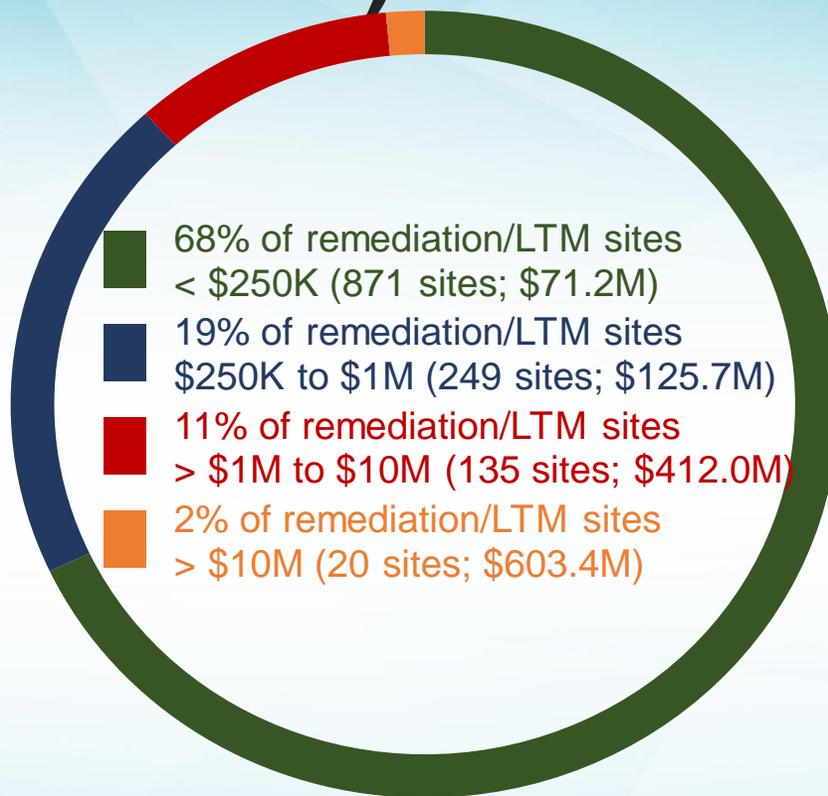
# Annex: National Distribution of Values of Sites (FCSAP Phase IV)

Assessment



**\$35.3M**

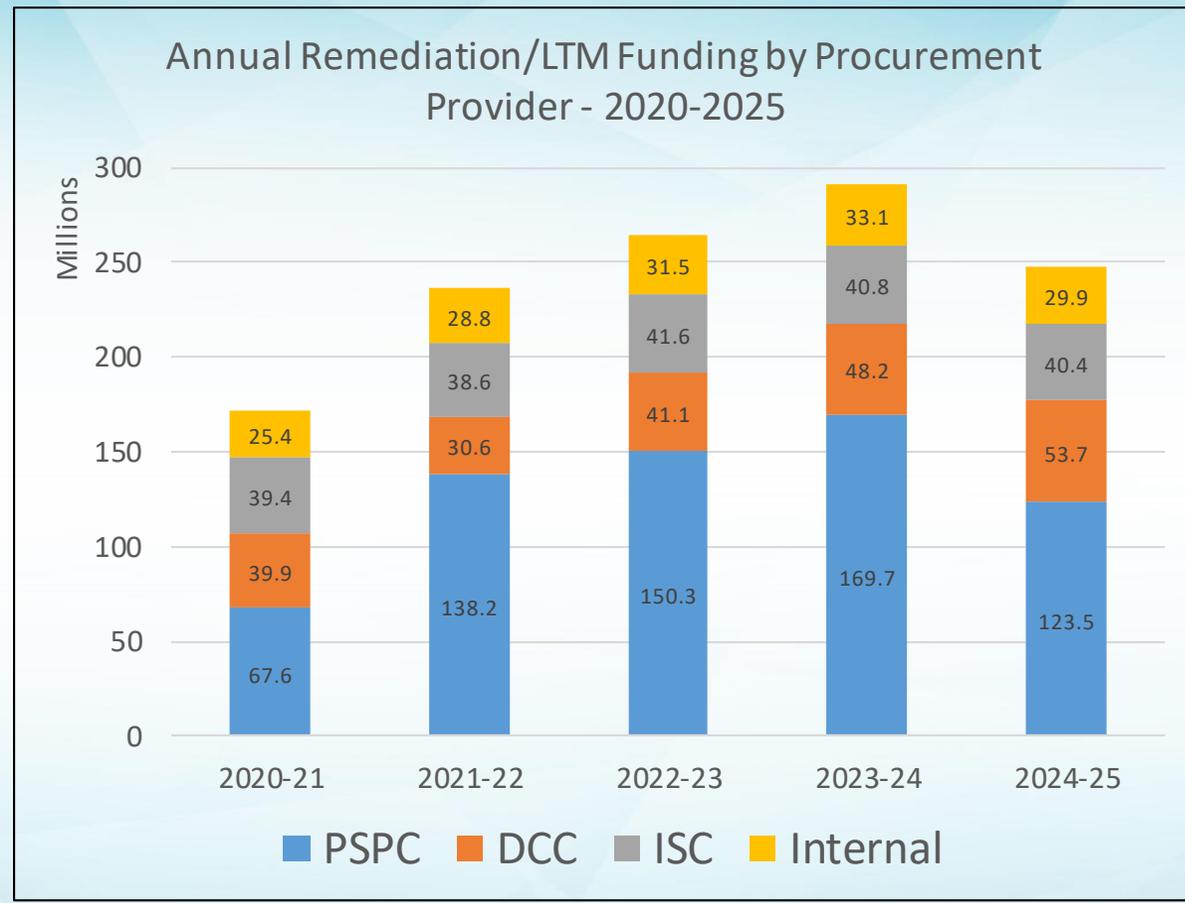
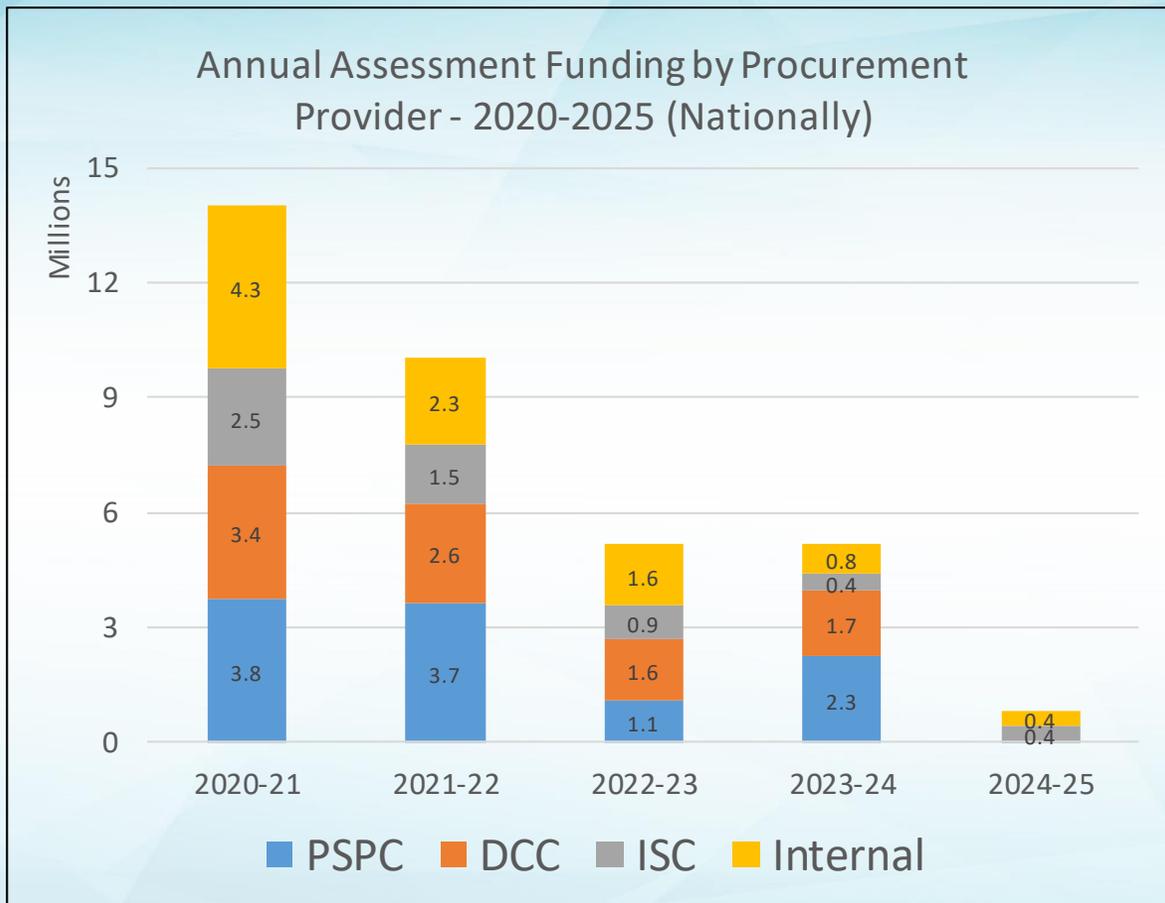
Remediation /LTM



**\$1,212M**



# Annex: FCSAP Phase IV Funding by Procurement Provider



# NAMRP – Additional Information

