



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

Federal Contaminated Sites Action Plan Update and Demand Forecast 2021-2026

Environmental Services Association Maritimes (ESAM)

Wednesday, June 16, 2021



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Overview

- Federal Contaminated Sites Action Plan (FCSAP)
- Northern Abandoned Mines Reclamation Program (NAMRP)
- 2021-2026 Demand Forecasts – National and Atlantic
- Procurement Approaches
- Demand Forecast Tools, including Interactive Map
- Access to GcCollab
- Next Steps / Feedback
- Contact Information



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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



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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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FCSAP Renewal

- 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
- Six Regional Integrated Planning Boards



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Impacts of COVID-19 on Year 1 of Phase IV

- Several projects in the North were postponed or delayed.
 - Extra costs related to travel requirements and isolation of workers.
- Some Indigenous communities were closed so work was redirected to communities that were open.
- Scope of work for some sites was adjusted to focus more on desktop reviews, closure reporting and work that did not require field work.
- Some delays in procurement due to security screening.
- Sampling program where consultants had to enter residents' homes was impacted due to safety concerns to both consultants and residents.
- Funding was reallocated to other sites on the workplan.
- Overall, spent 87% of available remediation funds, with only 0.2% lapsed funds





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
- Ketza River Mine Project
- Clinton Creek Mine Project
- Mount Nansen Mine Project

NWT:

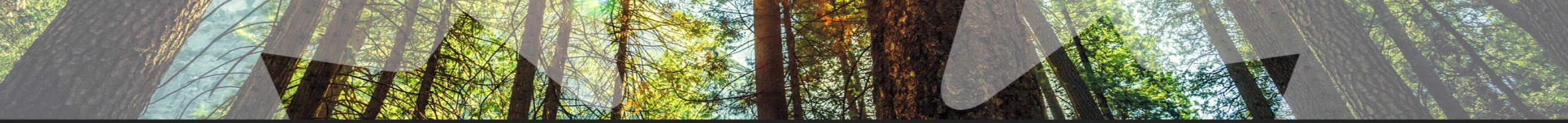
- Giant Mine
- Cantung Mine Project
- Great Bear Lake Project



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DEMAND FORECAST 2021-2026



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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/download/7551561>

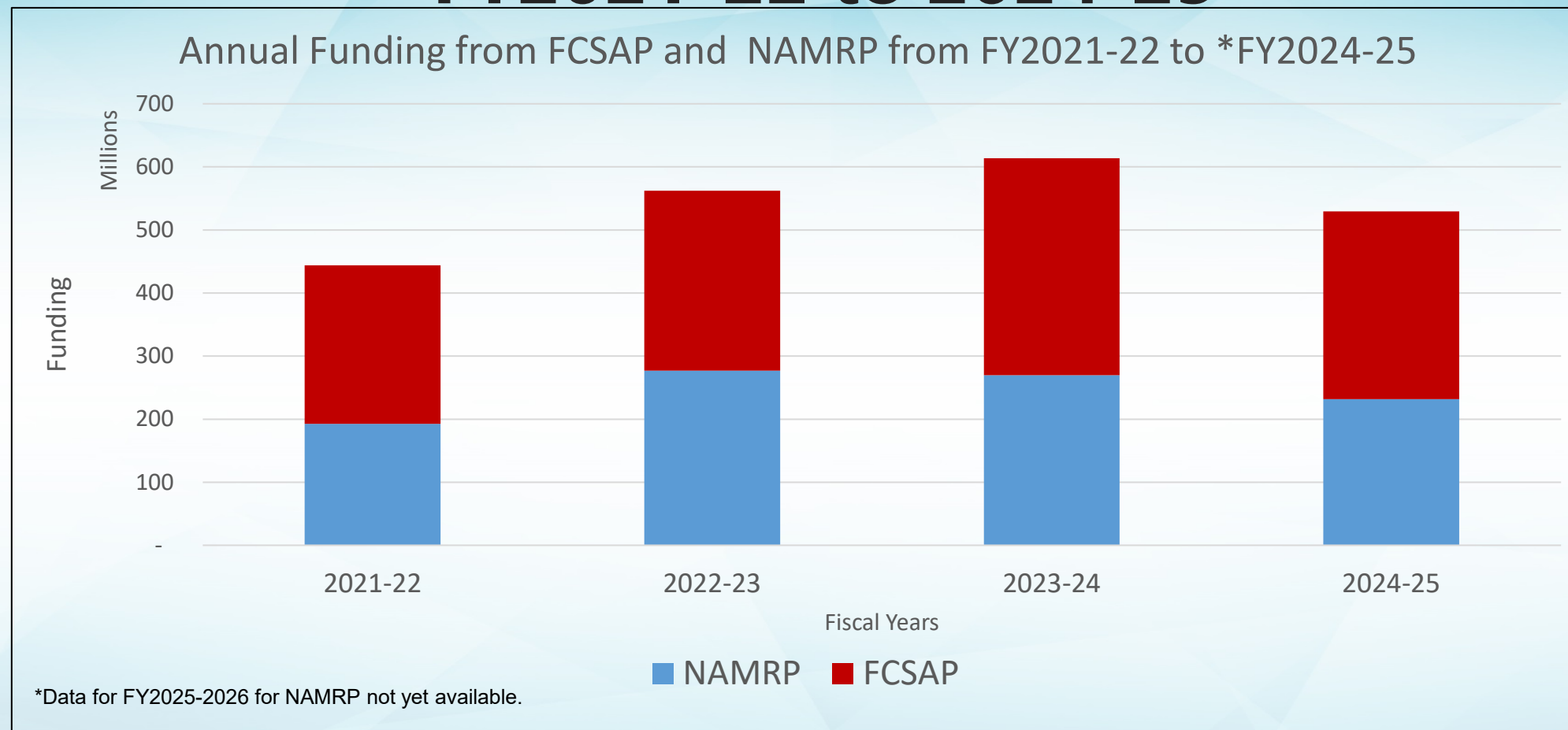


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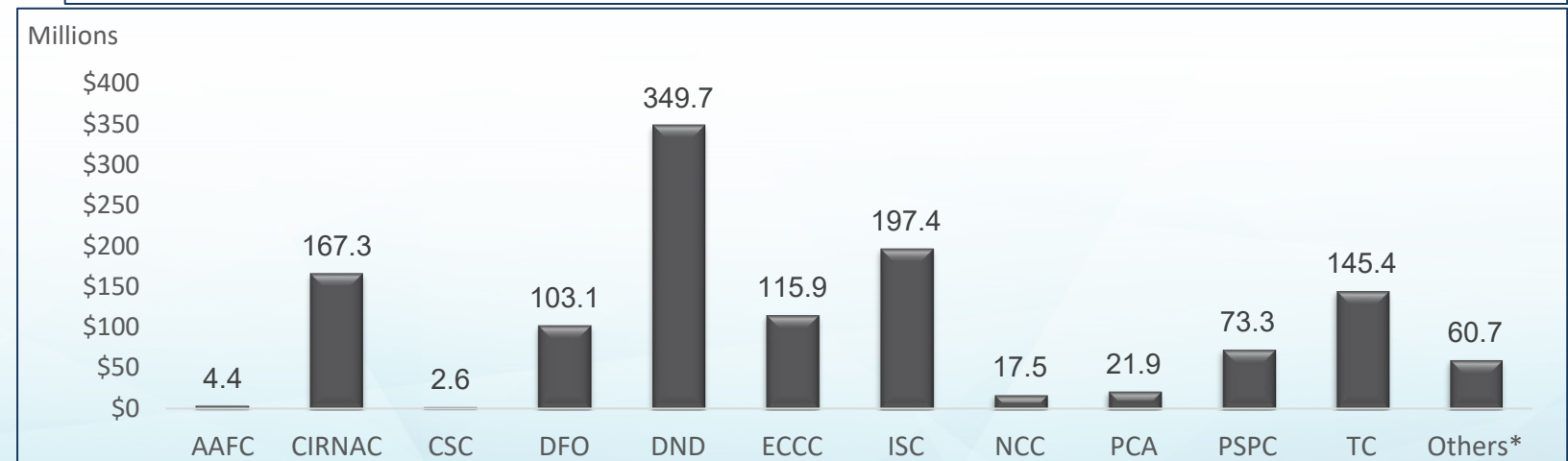
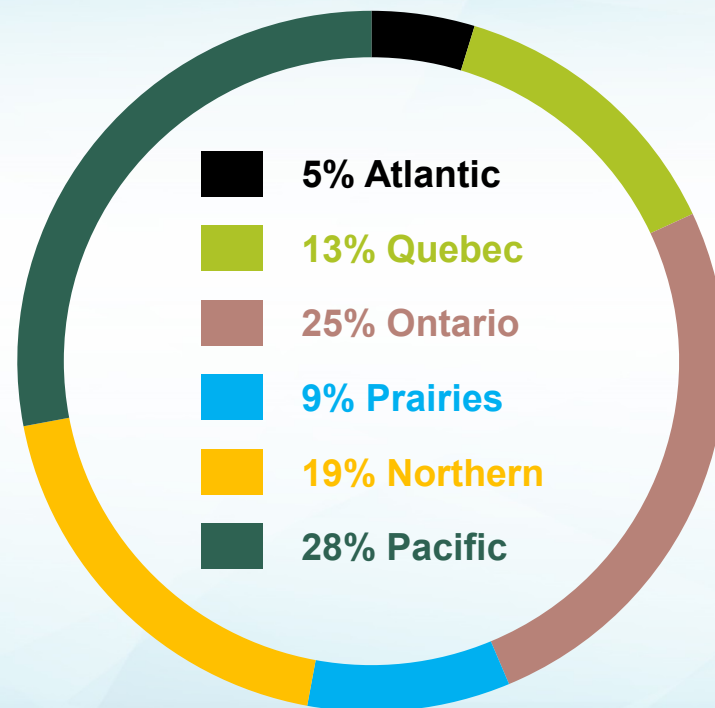
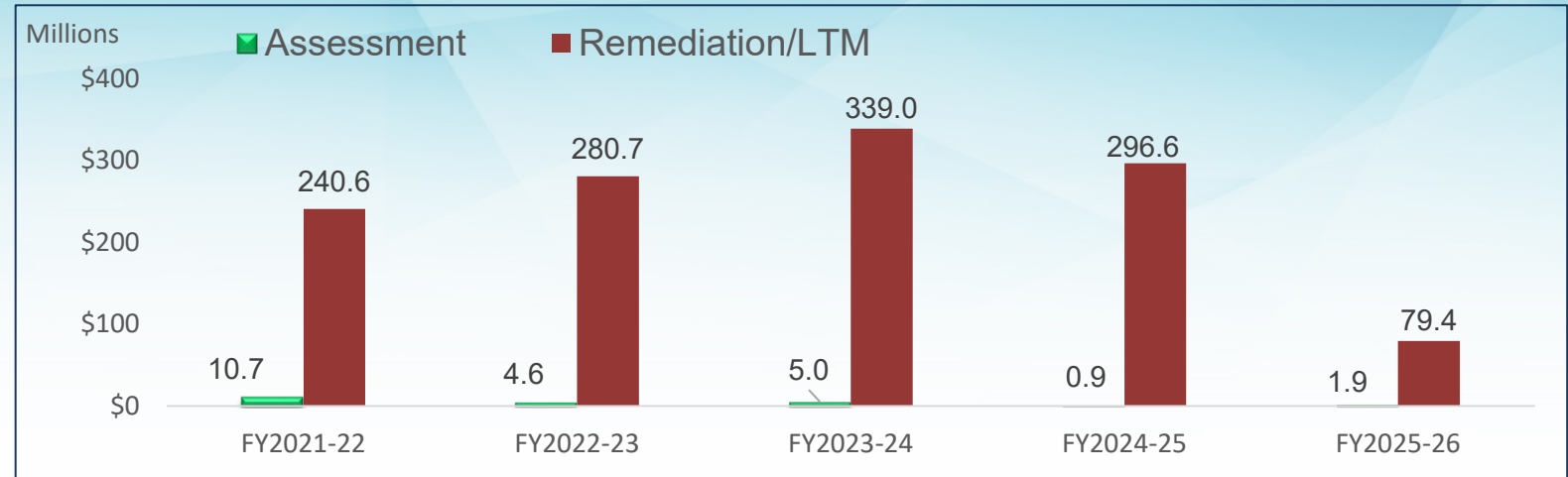
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Federal Contaminated Sites Demand Forecast – FY2021-22 to 2024-25



National Overview of FCSAP Phase IV

\$1.2B	195	1,296
Funding	Assessment Sites	Remediation/LTM Sites



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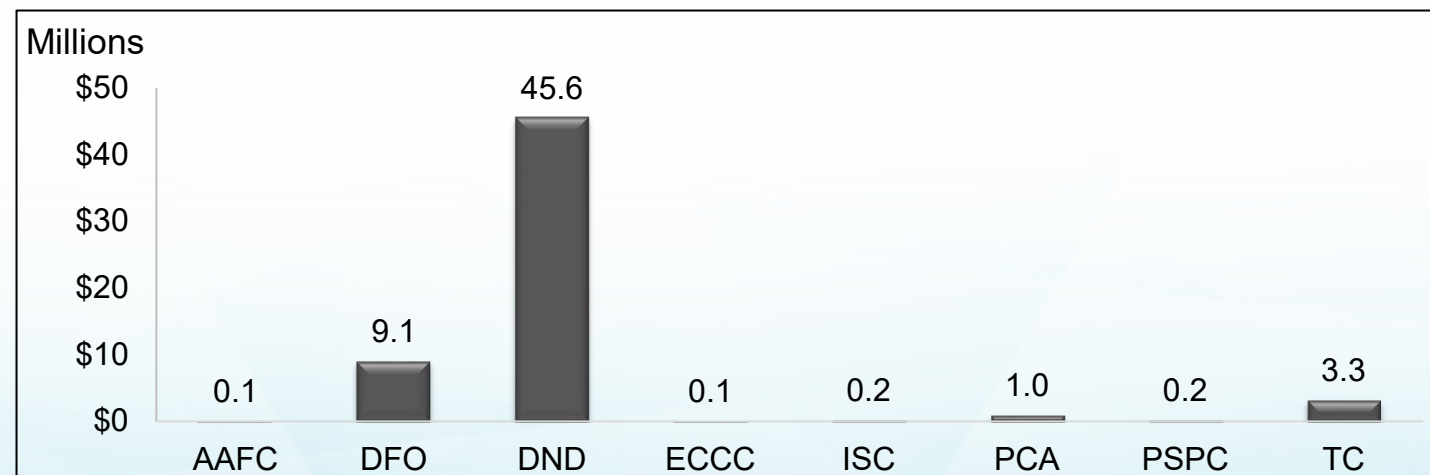
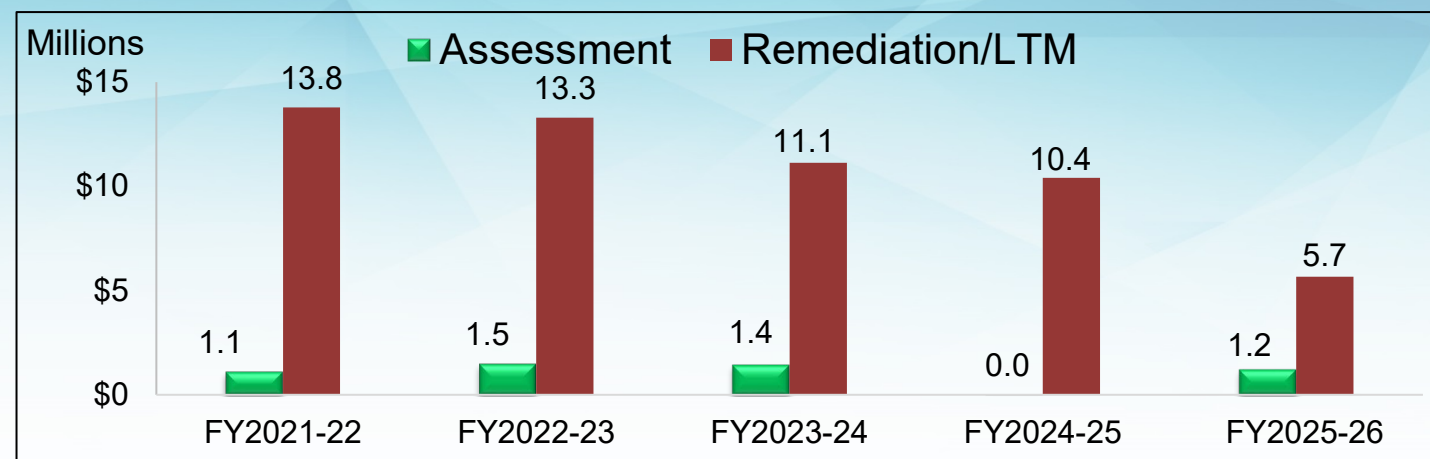
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*Others include: CBSA, ISED, JCCBI, NRC, NRCan, and VIA
Source: FCSAP Secretariat (January 2021)

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Atlantic - Overview of FCSAP Phase IV

\$59.5M Funding	
\$5.2M	21
Assessment Sites	Assessment Sites
\$54.3M	263
Remediation/LTM Sites	Remediation/LTM Sites



Source: FCSAP Secretariat (January 2021)



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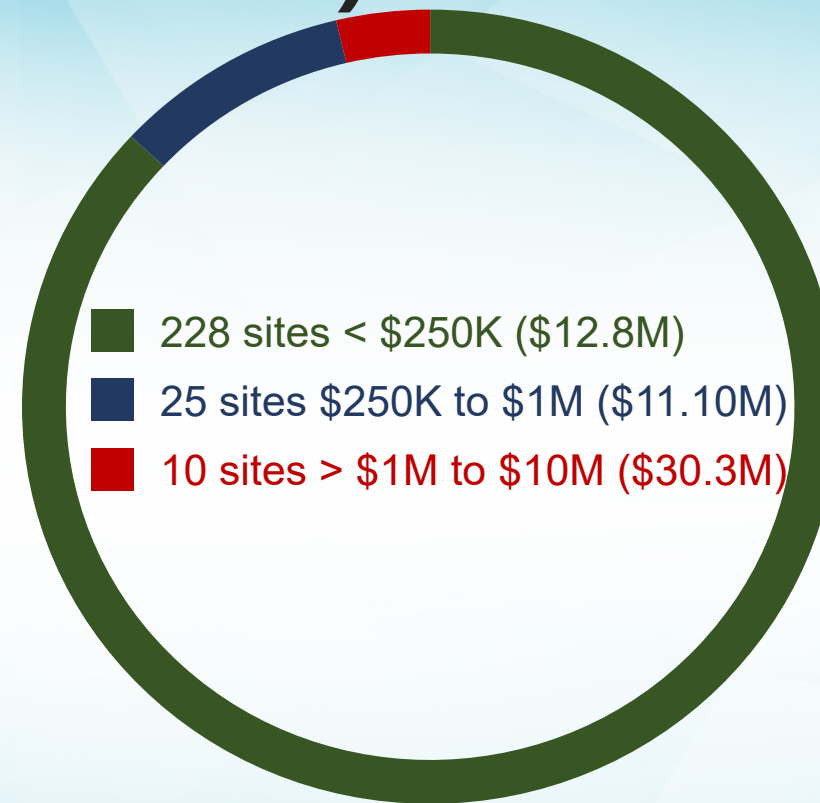
Atlantic - Distribution of Values of Sites (FCSAP Phase IV)

Assessment



\$5.2M / 21 sites

Remediation/
LTM



\$54.3M / 263 sites



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Source: FCSAP Secretariat (January 2021)

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Atlantic – FCSAP Phase IV Funding by Procurement Provider

Assessment



Remediation/LTM



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Source: FCSAP Secretariat (January 2021)

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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 (Canada's Electronic Tendering Service) and MERX (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-enpdfrrfcsap-phase-iv-cs-demand-forecast-analysis-january-2020-final-enpdf>



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Interactive Map Tool

FCSAP Phase IV

Federal Contaminated Sites Action Plan / Northern Abandoned Mine Reclamation Program

Geomatic Application Dashboard to represent FCSAP Sites and

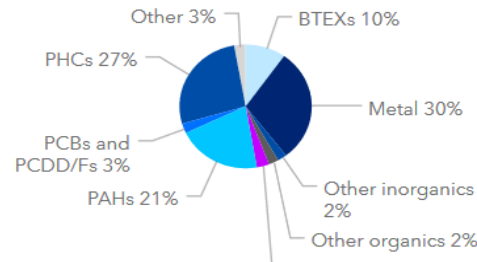
Disclaimer:

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

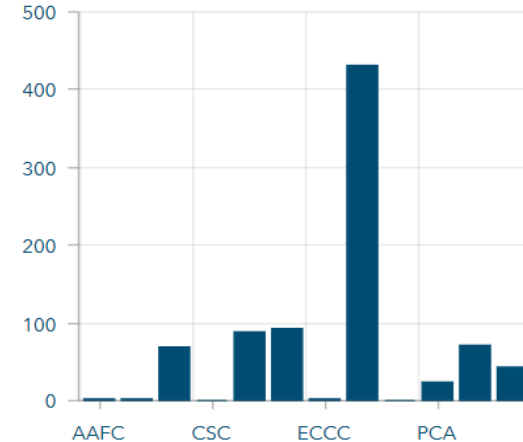
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Contaminant Type

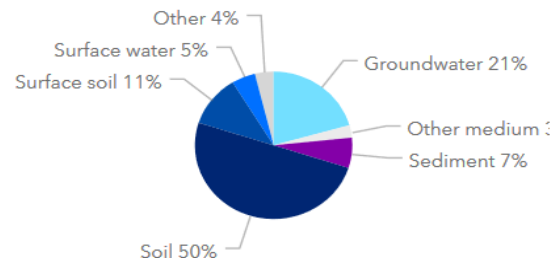


BTEXs	benzene, toluene, ethylbenzene, ar
Metals	metal, metalloid, and organometall
PAHs	polycyclic aromatic hydrocarbon
PCBs	polychlorinated biphenyl
PCDD/Fs	polychlorinated dibenzo-p-dioxin/c

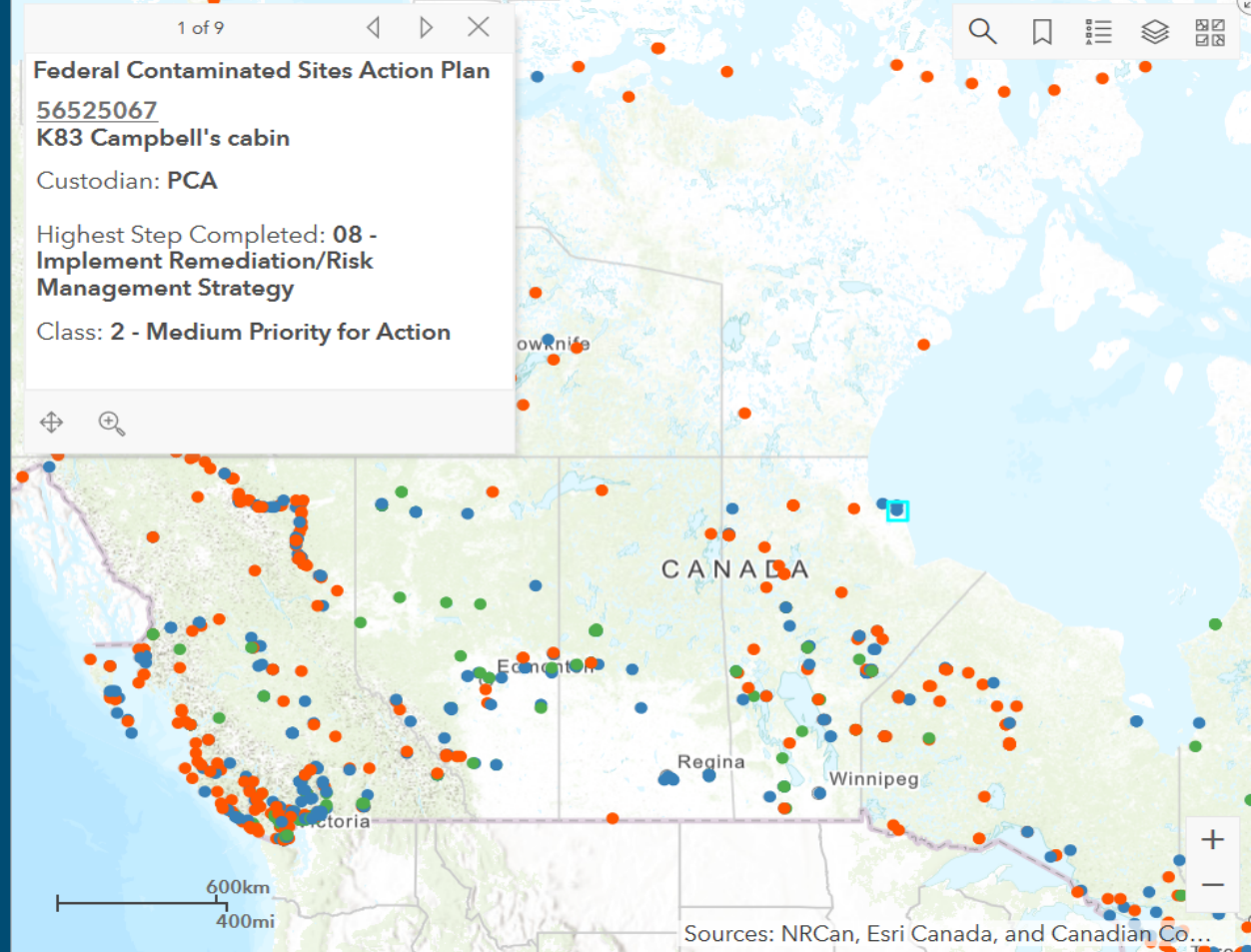
Custodians



Medium Type



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





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. Martine Lalande (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 Dianne Theriault (Dianne.theriault@pwgsc.gc.ca).



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Next Steps / Feedback

- Pandemic challenges (travel, field work, etc.)
- Continuous improvement:
 - Promote indigenous engagement and opportunities
 - Encourage innovative and/or sustainable technologies in sites/contracts
 - Promote opportunities for Small and Medium Enterprises
 - Promote climate change resiliency of federal contaminated sites
 - Other ideas?



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Contact Information

ECCC

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CIRNAC

Jessica Trotto, Director Program Management

Email: jessica.trotto@canada.ca

PSPC

Derek AuCoin, Senior Environmental Specialist

Email: derek.aucoin@pwsgc.gc.ca

Office of Small and Medium Enterprise:

Telephone: 902-426-5677

Email: OSME-BPME-Atl@tpsgc-pwgsc.gc.ca

Federal Contaminated Sites Website:

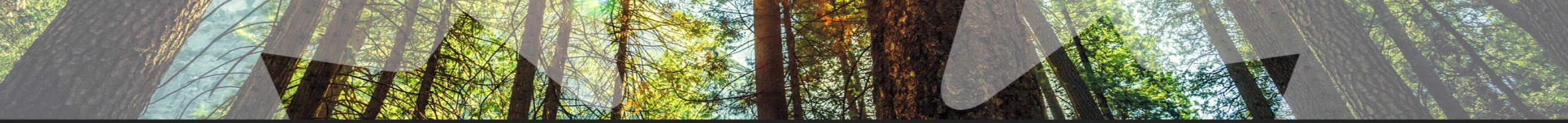
<https://www.canada.ca/en/environment-climate-change/services/federal-contaminated-sites.html>



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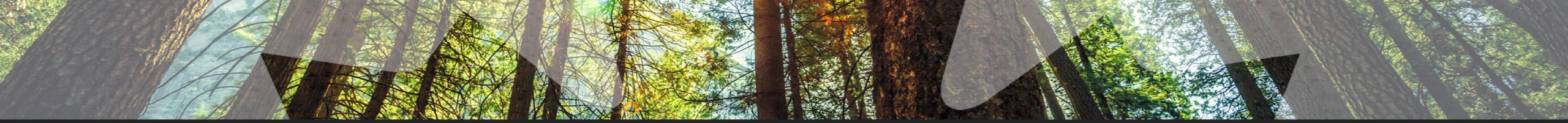
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ANNEX



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

Assessment



\$23M

Remediation
/LTM



\$1,236M



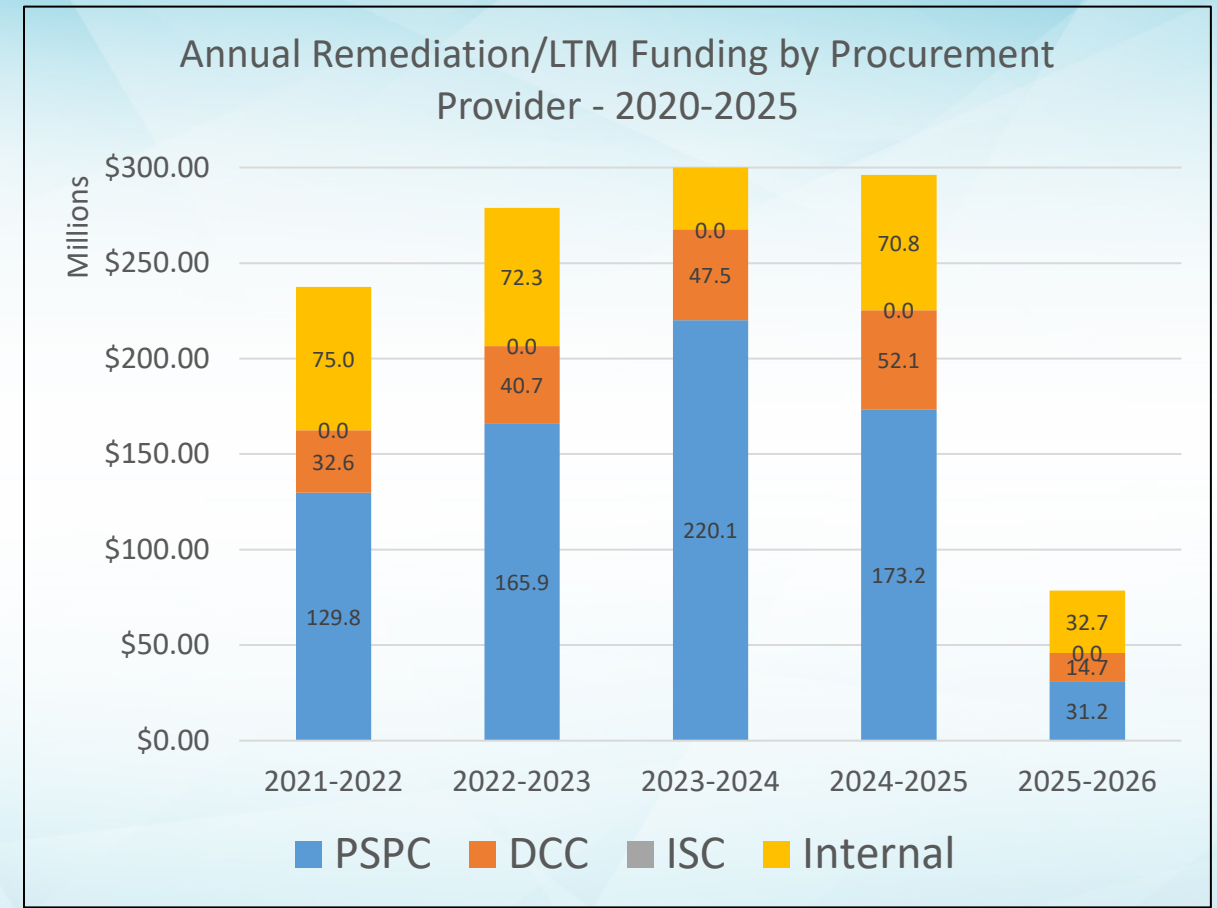
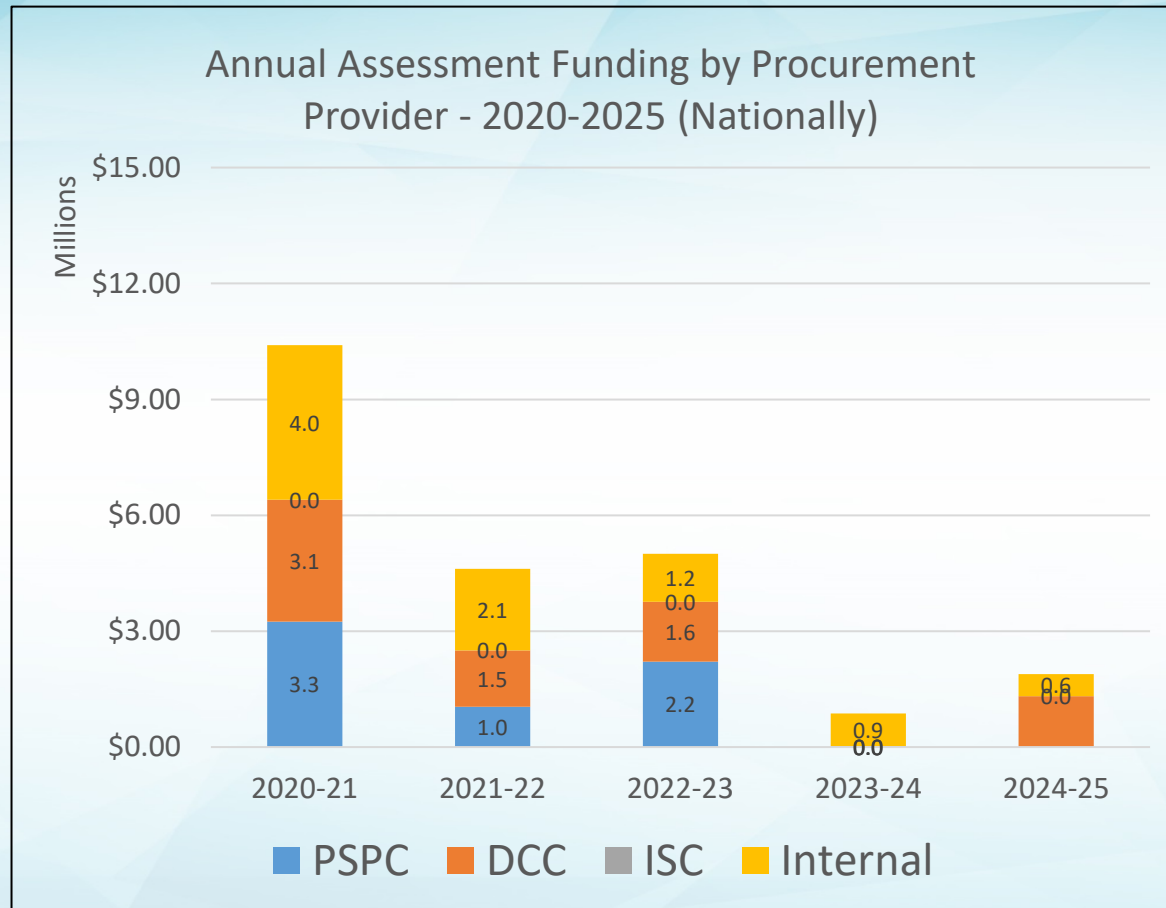
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Source: FCSAP Secretariat (January 2021)

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Annex: FCSAP Phase IV Funding by Procurement Provider



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Source: FCSAP Secretariat (January 2021)

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NAMRP – Additional Information

