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FCSAP Demand Forecast Analysis

RemTech

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Public Works and
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Canada

Travaux publics et
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Canada

Canada

Overview of Presentation

- PWGSC role as Expert Support within FCSAP
- Caveats associated with demand forecast projections
- Presentation of projected demands on private sector to deliver projects associated with the Federal Contaminated Sites Action Plan (FCSAP)



Context : PWGSC Expert Support

Within the Federal Contaminated Sites Action Plan (FCSAP) program, PWGSC has the following expert support mandate

- Develop project management enabling tools for consistent contaminated sites project delivery.
- Share information within government, the private sector, and academia on innovative technologies that accrue from the FCSAP investment.
- Liaise with the environmental industry such that they are aware of, and can build capacity in response to, future demand arising from the FCSAP program.



Communicating the Demand

- Budget 2004– \$3.5B to address federal contaminated sites over 15 years.
- Budget 2009 – Incremental funds of \$80.5M for environmental site assessments and program management plus priority access to \$165M to accelerate remediation/risk management projects.
- Currently in Year 5 of first 5 years of FCSAP investment in fiscal framework – project initiation occurs through annual solicitation and acceptance of proposals submitted by custodians on “IDEA” Database.
- This demand forecast analysis projects \$769M in investment based on 782 priority projects plus 3,561 assessment projects on 12,141 contaminated sites in IDEA (as of July 22, 2009)



Caveats Attached to Demand Forecast

- Data is based on a snapshot of project estimates as of July 22, 2009 which are subject to possible revision.
- Confidence is highest on the FY2009-11 estimates addressed by the Accelerated Infrastructure Program (AIP) and thus, the focus is on these projects.
- Even when projects are approved, projects may not proceed for logistical reasons.
- Program renewal be sought after FY2010-11 for next 5 year cycle; funding projections beyond FY2010-11 are uncertain.
- Further elaboration is at the site level – will occur through advertisement on MERX.



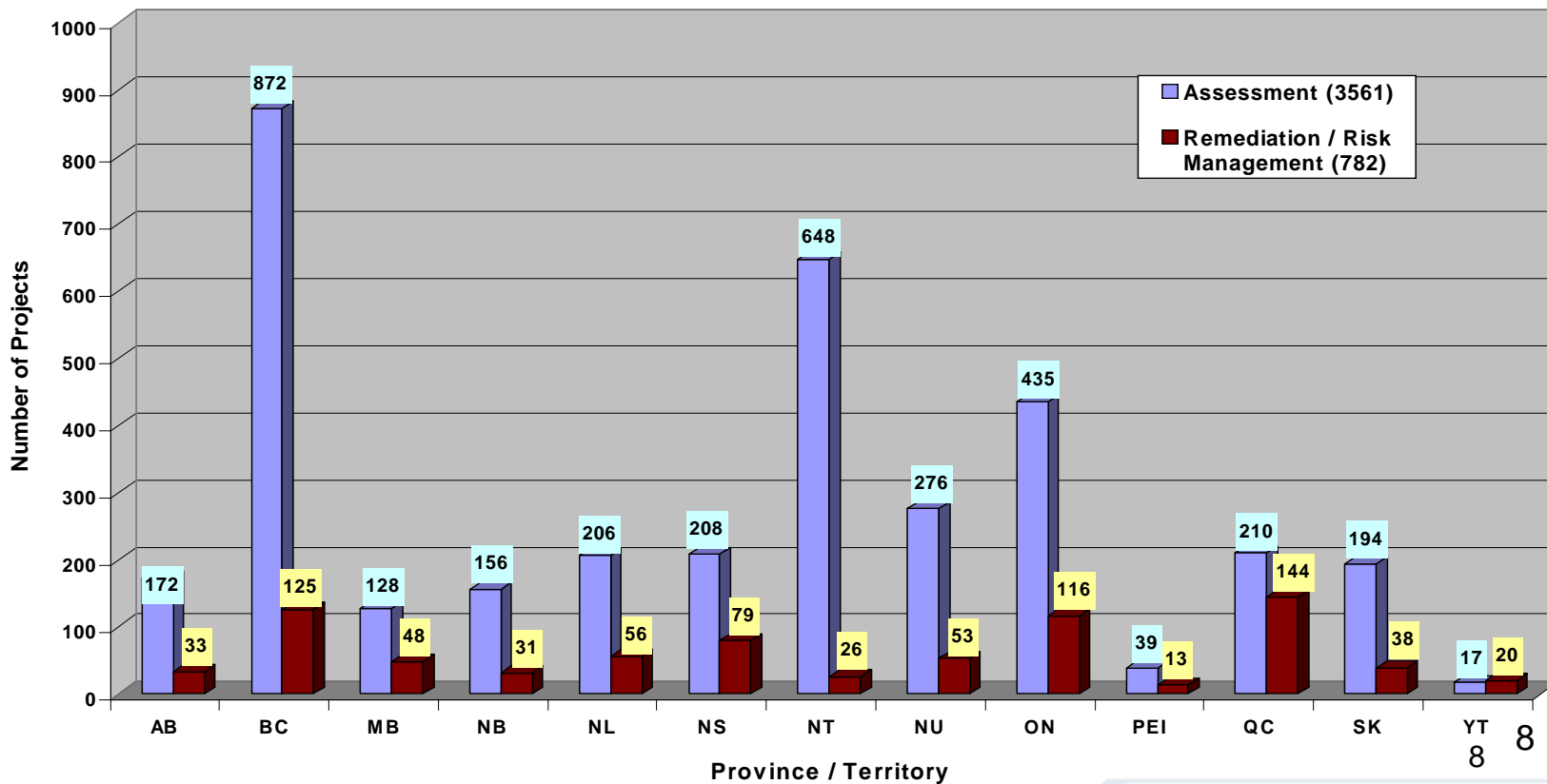
FCSAP Project Distribution

- Overall, there are 782 priority projects plus 3,561 assessment projects planned on 12,141 federal contaminated sites throughout Canada (based on data extract of July 22, 2009).
- Current demand forecasts based on possible projects between April 2009 to March 2013, however, custodians required to submit annual updates.
- Annual updates will improve future year estimates in terms of quality (from a cost objective to a budget estimate) and quantity (both number of projects and value).



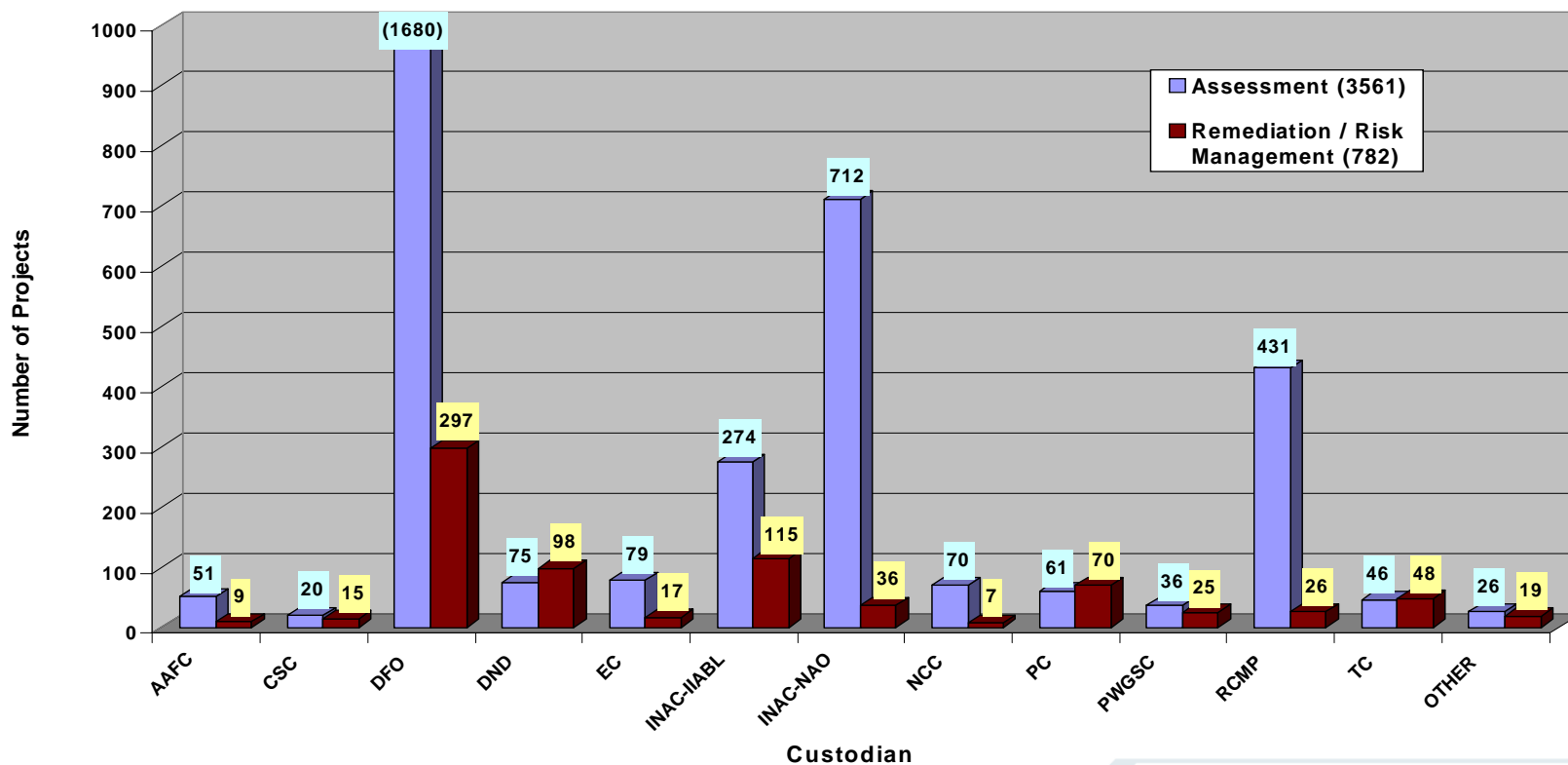
Geographic Distribution of Projects

FCSAP Projects: Assessment And Remediation / Risk Management Project - By Province
2009-2013

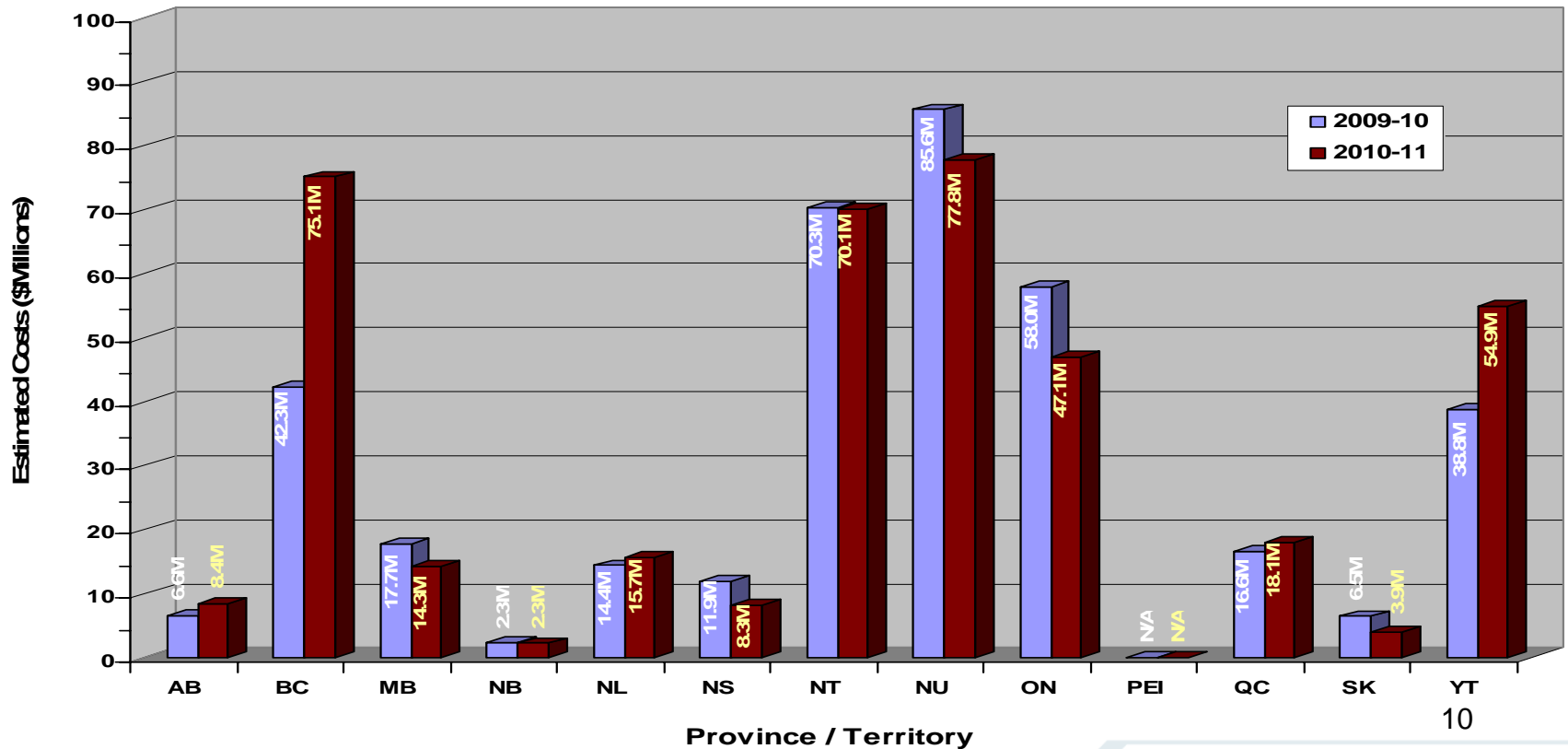


Distribution of Projects by Custodian

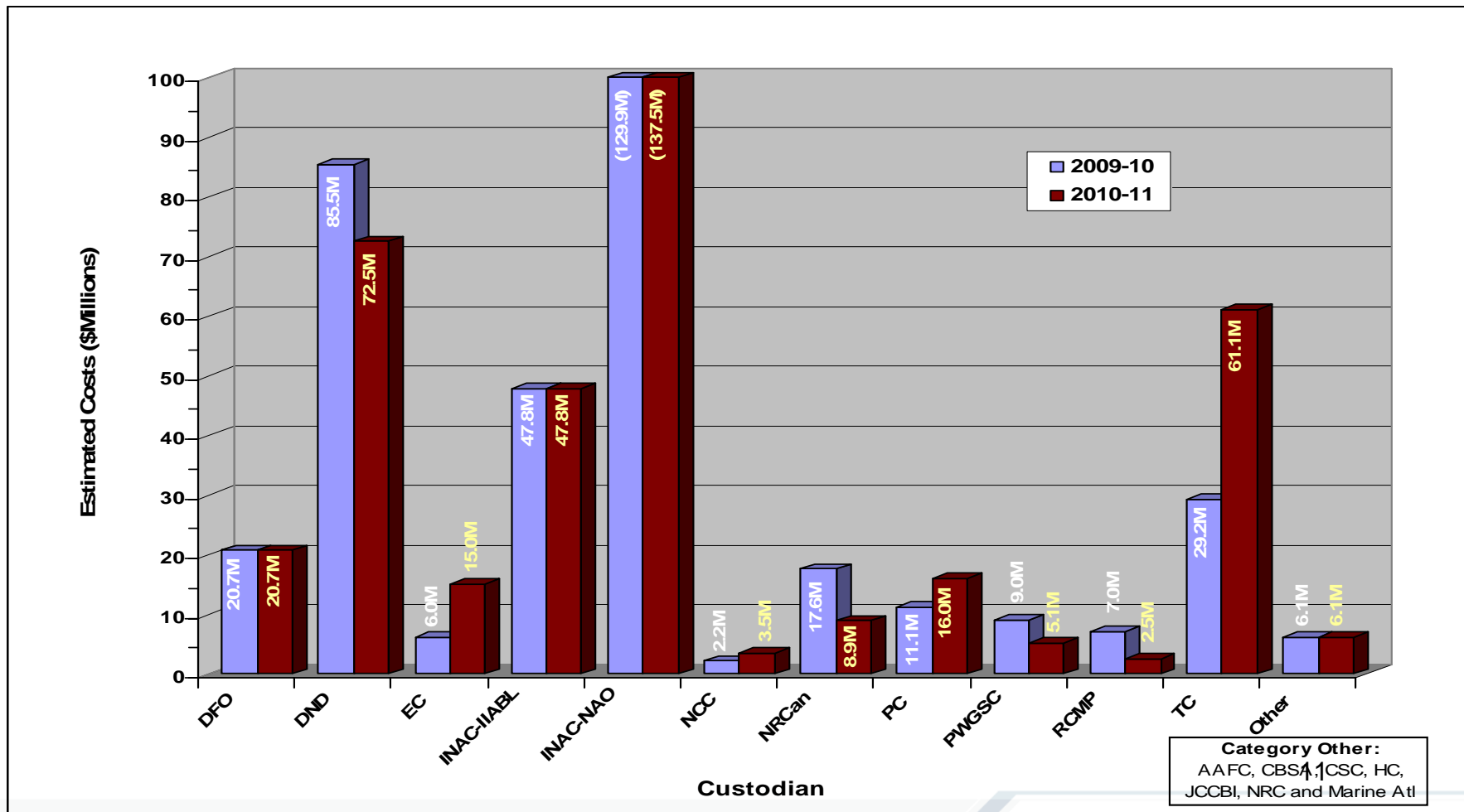
FCSAP Projects: Assessment And Remediation / Risk Management - By Custodian
2009-2013



Geographic Distribution of Total Planned Project Values for FY2009-11



FCSAP Funding Requested by Custodian for FY2009-11



Summary of Project Distribution

Majority of projected expenditures associated with projects in Territories:

Geographic Region	% of 4,343 projects (assessment plus R/RM)	% of \$769M investment
Territories	24	52
BC and Prairies	37	23
Ontario & Quebec	21	18
Atlantic Provinces	18	7 12

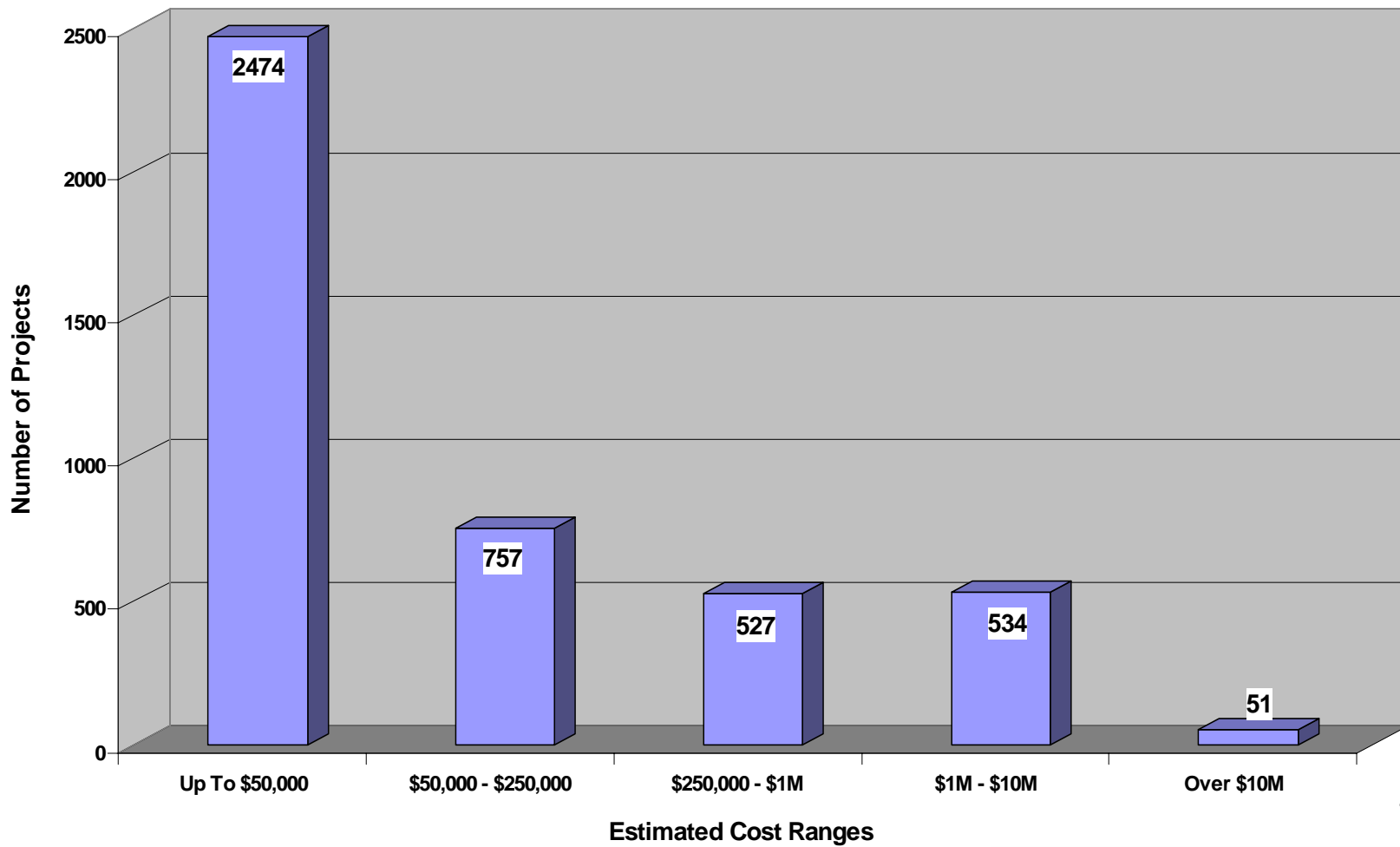


Project Type and Relative Value

- Assessment projects represent 82% of the 4,343 projects but just 13% of the \$769M investment.
- Remediation/Risk Management project represent 18% of the 4,343 projects but account for 87% of the \$769M investment.
- The total planned values of projects for FY2009-10 and FY2010-11 are approximately \$372M and \$397M, respectively.
- As the assessment cycle progresses, the number of remediation/risk management projects will increase with an attendant rise in project values.



FCSAP Projects: Estimated Project Cost Ranges 2009-10 And 2010-11



Total Planned Cost of Projects

- Vast majority of 4,343 projects have a low total planned cost, with 57% <\$50K and 74% <250K; 13% of planned project values exceed \$1 M
- DND and INAC-NAP responsible for majority of projects with planned values > \$10M and relates to work in the Territories
- RCMP, DFO, and INAC-IIABL responsible for majority of lower planned project values <50K, <250K



Looking into the Crystal Ball

- Significant number of environmental site assessments to be completed
- Uncertain as to the number of remediation/risk management projects that will result from this work
- Anticipate that the most significant contaminated site liabilities have been identified



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