



Federal Contaminated Sites Management Policies in Canada

**NATO/CCMS Pilot Study Meeting
June 13, 2005**



FEDERAL REAL PROPERTY IN CANADA 2005

LES BIENS IMMOBILIERS FÉDÉRAUX AU CANADA 2005

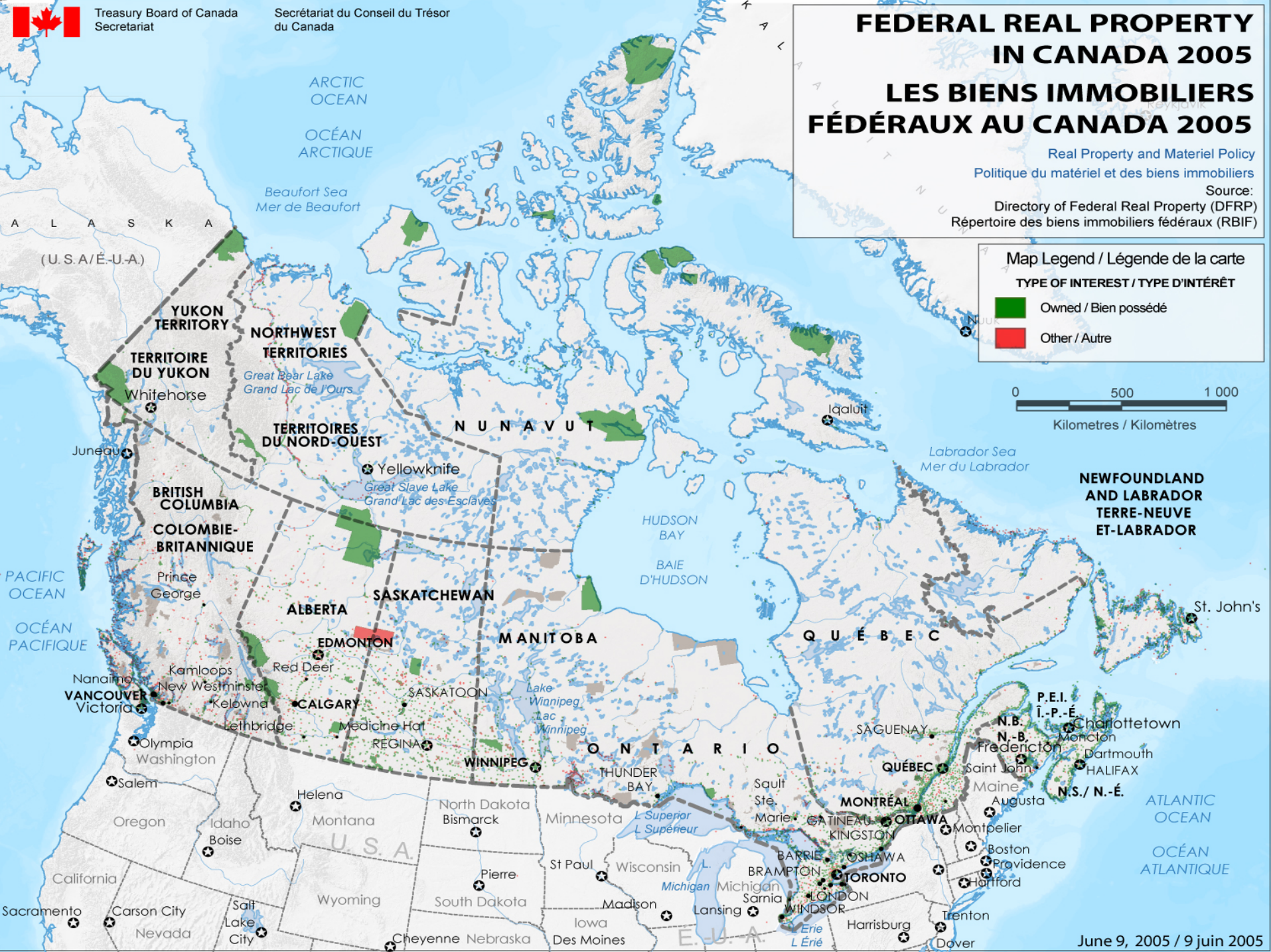
Real Property and Materiel Policy
Politique du matériel et des biens immobiliers

Source:
Directory of Federal Real Property (DFRP)
Répertoire des biens immobiliers fédéraux (RBIF)

Map Legend / Légende de la carte

TYPE OF INTEREST / TYPE D'INTÉRÊT

- Owned / Bien possédé
- Other / Autre



Federal Contaminated Sites – The Problem



- Issue identified in 1980's
- Frequent audit subject
- Concerns:
 - Lack of information
 - Lack of management policies
 - No stable, long-term funding
 - No central leadership or action plan to deal with high risk sites
 - Lack of accurate picture of contingent and actual liabilities

FEDERAL CONTAMINATED SITES IN CANADA

LES LIEUX CONTAMINÉS FÉDÉRAUX AU CANADA

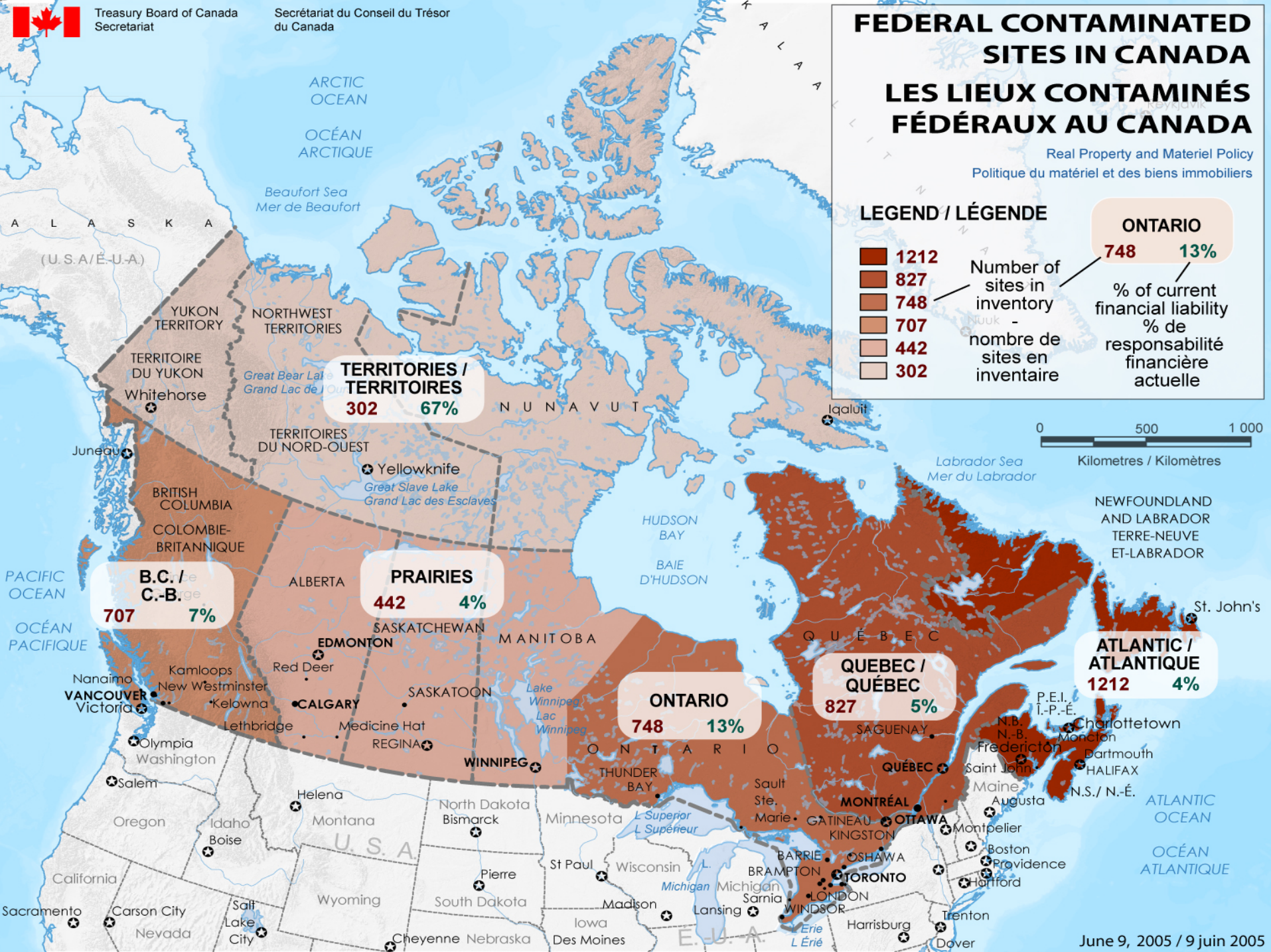
Real Property and Materiel Policy
Politique du matériel et des biens immobiliers

LEGEND / LÉGENDE

1212	ATLANTIC / ATLANTIQUE
827	QUEBEC / QUÉBEC
748	ONTARIO
707	B.C. / C.-B.
442	PRAIRIES
302	TERRITORIES / TERRITOIRES

Number of sites in inventory / nombre de sites en inventaire

% of current financial liability / % de responsabilité financière actuelle



TERRITORIES / TERRITOIRES
302 67%

B.C. / C.-B.
707 7%

PRAIRIES
442 4%

ONTARIO
748 13%

QUEBEC / QUÉBEC
827 5%

ATLANTIC / ATLANTIQUE
1212 4%

ONTARIO
748 13%

0 500 1 000
Kilometres / Kilomètres



Challenges in Contaminated Sites Management

- **Accountability**
 - Treasury Board Secretariat responsibility to develop real property policy
 - Custodian departments responsibility to manage real property
- **Resources**
 - No source of long-term funding
- **Governance**
 - No collaboration – departments acted independently
- **Information gaps**
 - Number, location, condition of contaminated sites
 - Nature/effectiveness of management strategies
- **No centralized science expertise**



Groundwork for a Federal Contaminated Sites Strategy

- Establishment of Contaminated Sites Management Working Group (1995)
- Development of federal contaminated sites management framework, consisting of:
 - Treasury Board contaminated sites management policies
 - Federal contaminated sites and solid waste landfills inventory policy (2000)
 - Management of federal contaminated sites (2002)
 - Accounting for liabilities associated with federal contaminated sites (2002)
 - Federal contaminated sites inventory
 - Contaminated sites liability reporting through Public Accounts

Inventory Policy and Assessment Initiative (2000)

- Objective: enhance the management of federal contaminated sites and solid waste landfills through the development of improved information
- Purpose: create a publicly available central database of sites and develop liability figures for known contaminated sites
- Federal Contaminated Sites Inventory – publicly available July 2002



Contaminated Sites Management Policy (2002)

Establish consistent management of federal contaminated sites by supporting sound stewardship of federal real property assets

- Avoid contamination
- Develop site management plans
- Take early action – remediate high risk sites first
- Remediate to support planned use only
- Multi-year effort – work within available funding



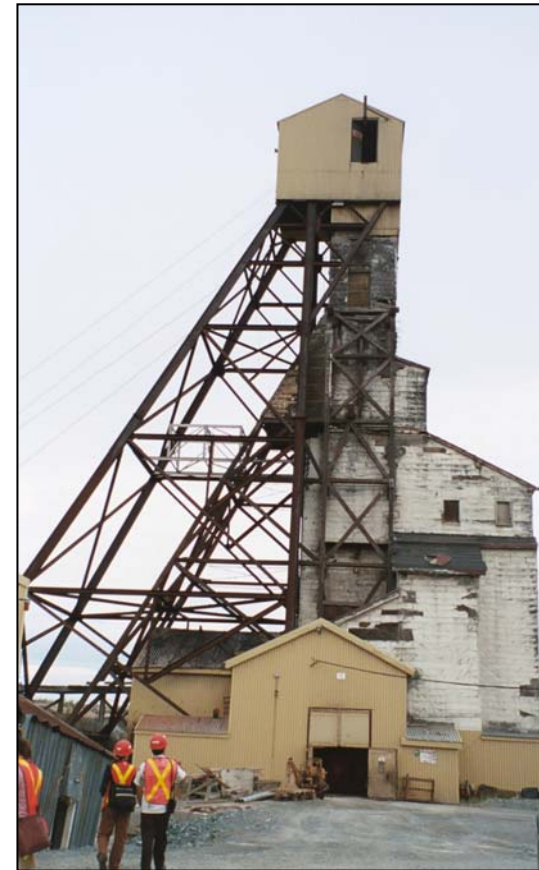
Policy on Accounting for Costs and Liabilities related to Contaminated Sites (2002)



- Draft policy in use since 1999
- Adopts a standard classification system
- Requires quantification of contaminated sites liability
- Requires annual reporting
- “Landfills” treated as special case

Building a Federal Contaminated Sites Strategy

- Federal Contaminated Sites Accelerated Action Plan -- \$475M / 5 years
 - National Classification System Class 1 (Action required)
 - Remediation costs > \$1M
 - Projects ranked according to health/ecological risk
 - Cost sharing approach
 - To date, management/remediation activities at 57 high risk sites - \$149.9M
 - Over 400 assessment projects funded





Federal Contaminated Sites Program Enhancement

- \$3.5 billion over 15 years to reduce the environmental threat posed by contaminated sites
 - Based on financial liability in Accounts of Canada for costs of cleaning up high risk sites
 - Includes Consolidated Crown Corporations
 - Increased annual program funding levels / increased assessment funding limit
 - Includes Class 2 sites as well as sites with expected costs <\$1M
 - More beneficial cost-share
 - Enhanced governance and accountability mechanisms (External Advisory Panel)

Federal Contaminated Sites Action Plan



- Accelerate remediation of federal brownfields
- Increase opportunities for training and capacity building for Aboriginal peoples and in the North
- Encourage development and use of innovative technologies

<http://www.tbs-sct.gc.ca/dfrp-rbif/cs-sc>

Canada 