




Construction Using Wood

What are the Environmental Benefits of Using Wood, Canadian Wood?

Celia Graham
Canadian Council of Forest Ministers



Environmental Benefits of Canadian Wood

Canadian forests are vast and sustainably managed

Sustainable forest management provides for many values

Forests are completely renewable

Managed forests and wood products used in construction contribute positively to climate change goals

Canadian wood is reliable and legal

Canadian forest products meet international environmental standards

Canada is a Forest Nation

A vast resource,
a special
responsibility:
10% of world's
forest



Managed forests provide for a multitude of values

- Biodiversity
- Protected Areas
- Clean Lakes and Rivers
- Species at Risk
- Forest Fire Strategies
- Forest Sector Strategies



CANADA'S PROTECTED AREAS NETWORK RÉSEAU DES AIRES PROTÉGÉES AU CANADA

Source: / Source :

Conservation Areas Reporting and Tracking System (CARTS) - 2013.12.31

Système de rapport et de suivi pour les aires de conservation (SRSA) - 2013.12.31

230 0 230 460 690
km

LEGEND

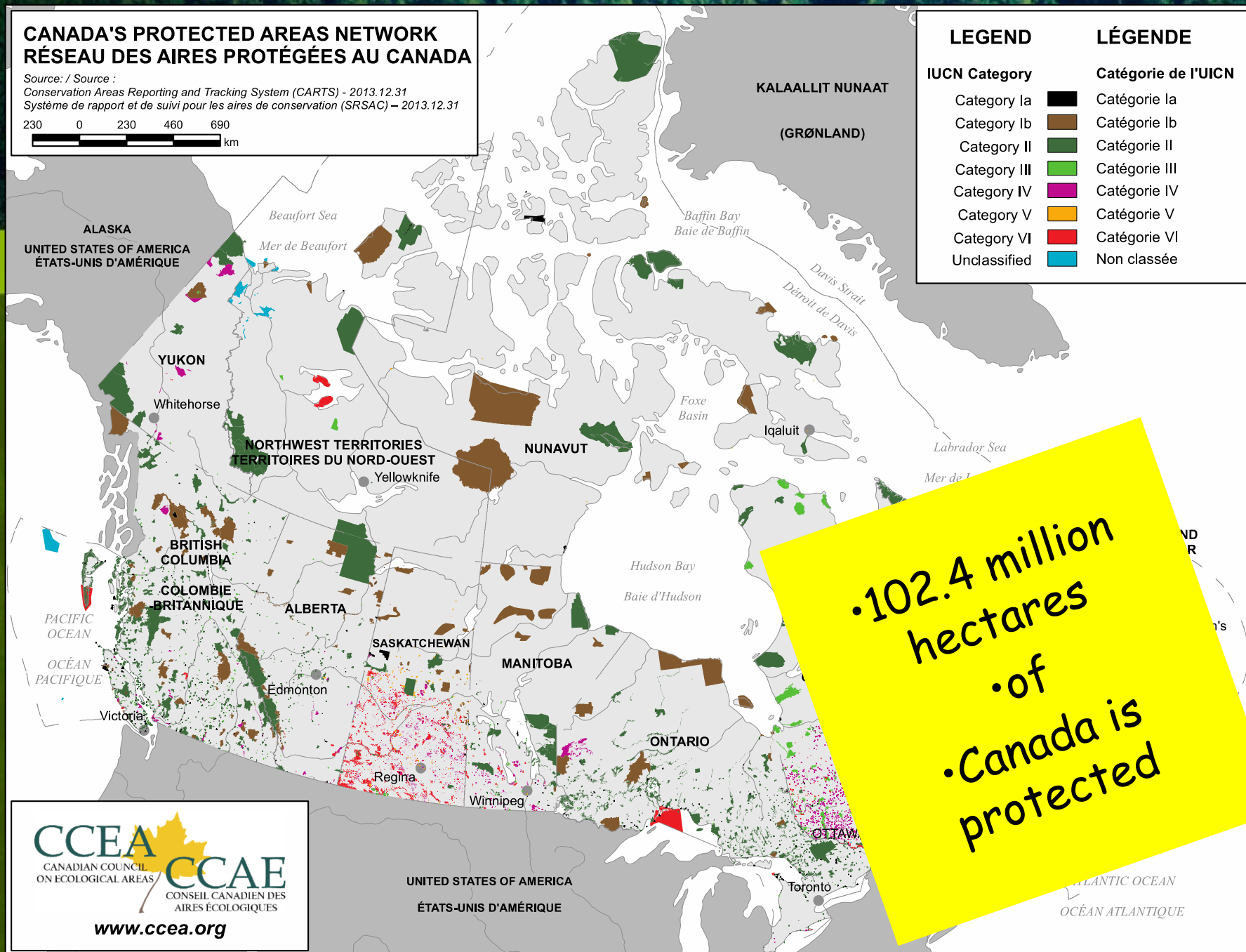
IUCN Category

Category Ia
Category Ib
Category II
Category III
Category IV
Category V
Category VI
Unclassified

LÉGENDE

Catégorie de l'IUCN

Catégorie Ia
Catégorie Ib
Catégorie II
Catégorie III
Catégorie IV
Catégorie V
Catégorie VI
Non classée



• 102.4 million
hectares
• of
Canada is
protected

CCEA
CANADIAN COUNCIL
ON ECOLOGICAL AREAS
CCAÉ
CONSEIL CANADIEN DES
AIRES ÉCOLOGIQUES

www.ccea.org



Canadian Forest Policy

Sustainability is in
the public interest

Sustainable forest management maintains and enhances the long-term health of forest ecosystems for the benefit of all living things while providing **environmental, economic, social, and cultural opportunities** for present and future generations

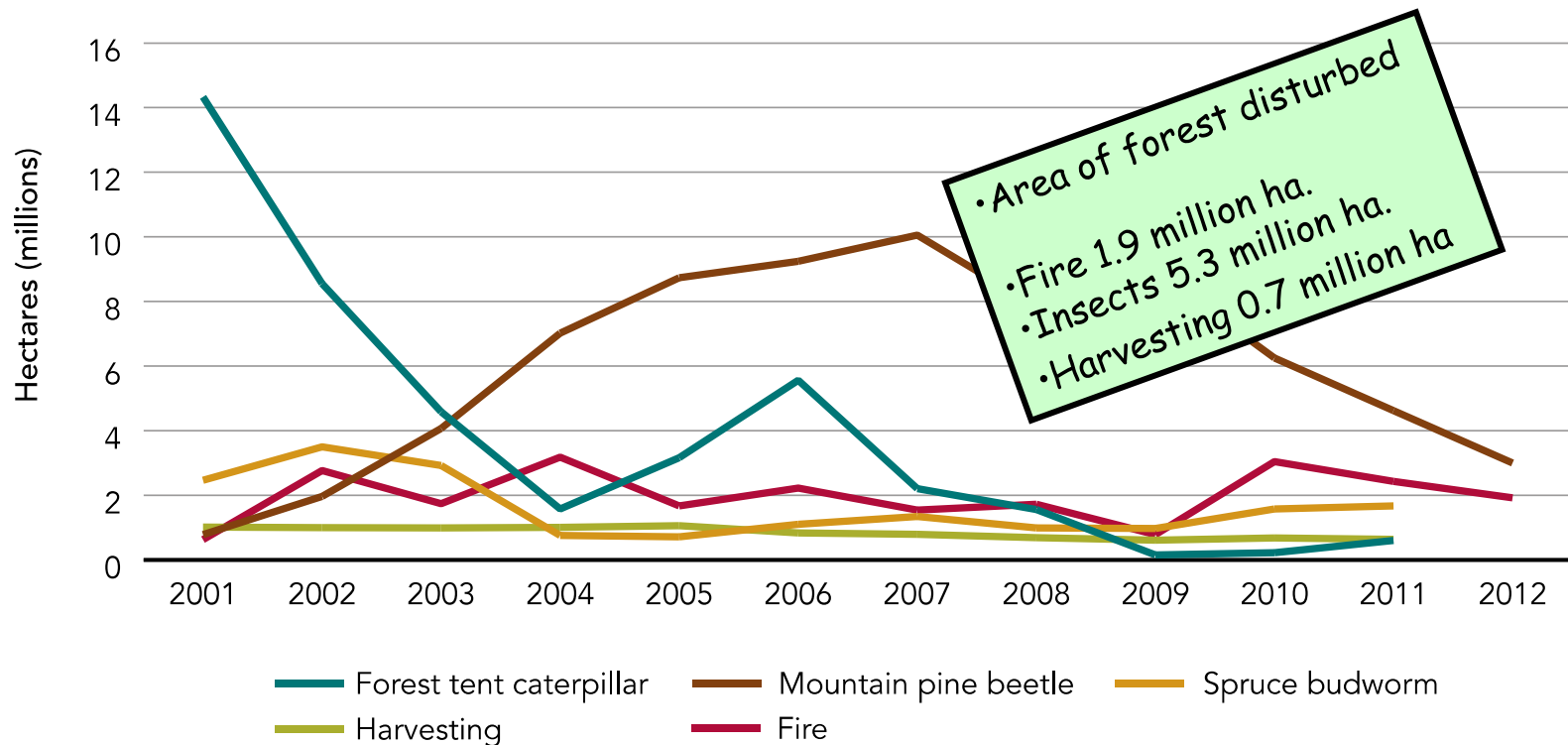
Sustainable Forest Management – in practice

Forest Management Plans

- reflect public values
- government approves plans
- companies are held accountable
- focus on results



Area of forest disturbed annually by fire, insects and harvesting



Forest Policy Regeneration

Silviculture system
By Law, all harvested
areas in Canada must be
regenerated within a
specified timeframe

Planting

Natural regeneration

Maintain species
diversity



Managed Forests Absorb Carbon

Young, vigorously growing trees have a higher rate of CO₂ absorption than mature trees

A managed forest harvests trees at maturity, maintaining optimal growth rates

Reduces loss to fire



Wood Stores Carbon

Wood works
again and again



Responsibility for Sustainability

- Tough compliance and enforcement by government agencies:
 - Highly trained staff
 - Focus on high risk activities
 - Forest practices and revenue
- Effective enforcement ensures risk of illegal logging in Canada is negligible




Canadian Forest Products

The sustainable source

Buying with confidence





Environmental Benefits of Canadian Wood

Canadian Wood
a strong environmental choice