

# **Integrated Management Planning In Placentia Bay**

An aerial photograph of Placentia Bay, showing the coastline, islands, and the ocean under a clear blue sky. The water is a deep blue, and the land is a mix of green and brown. The sun is visible in the sky, creating a lens flare effect.

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## Section 29

The Minister, in collaboration with other...  
shall lead and facilitate the development and  
implementation of a national strategy for the  
management of estuarine, coastal and marine  
ecosystems in (Canadian) waters...

# ***Canada's Oceans Strategy (COS)***

The Government of Canada's policy statement for the management of estuarine, coastal and marine ecosystems.

Based on:

- (a) Sustainable Development
- (b) Integrated Management
- (c) The Precautionary Approach

# ***Ocean Action Plan Phase 1***

- International Leadership, Sovereignty and Security
- Integrated Oceans Management for Sustainable Development
- Health of the Oceans
- Oceans Science and Technology

## ***Integrated Management (IM)***

IM is a commitment to planning and managing human activities in a comprehensive manner while considering all factors necessary for the conservation and sustainable use of marine resources and the shared use of ocean spaces.”

# Integrated Management Process



## ***Who can be involved?***

- Aquaculture Industries
- Aboriginal Groups
- Non-Government Organizations
- Municipal, Provincial and Federal Governments
- Coastal Communities
- Fishing Industries
- Ocean Industries

## ***IM at Community Level***

- Addresses issues at land-water interface (*i.e.* land-based sources of pollution, habitat degradation)
- Deals primarily with matters of local nature
- Local ocean space allocation

## ***IM at Community Level***

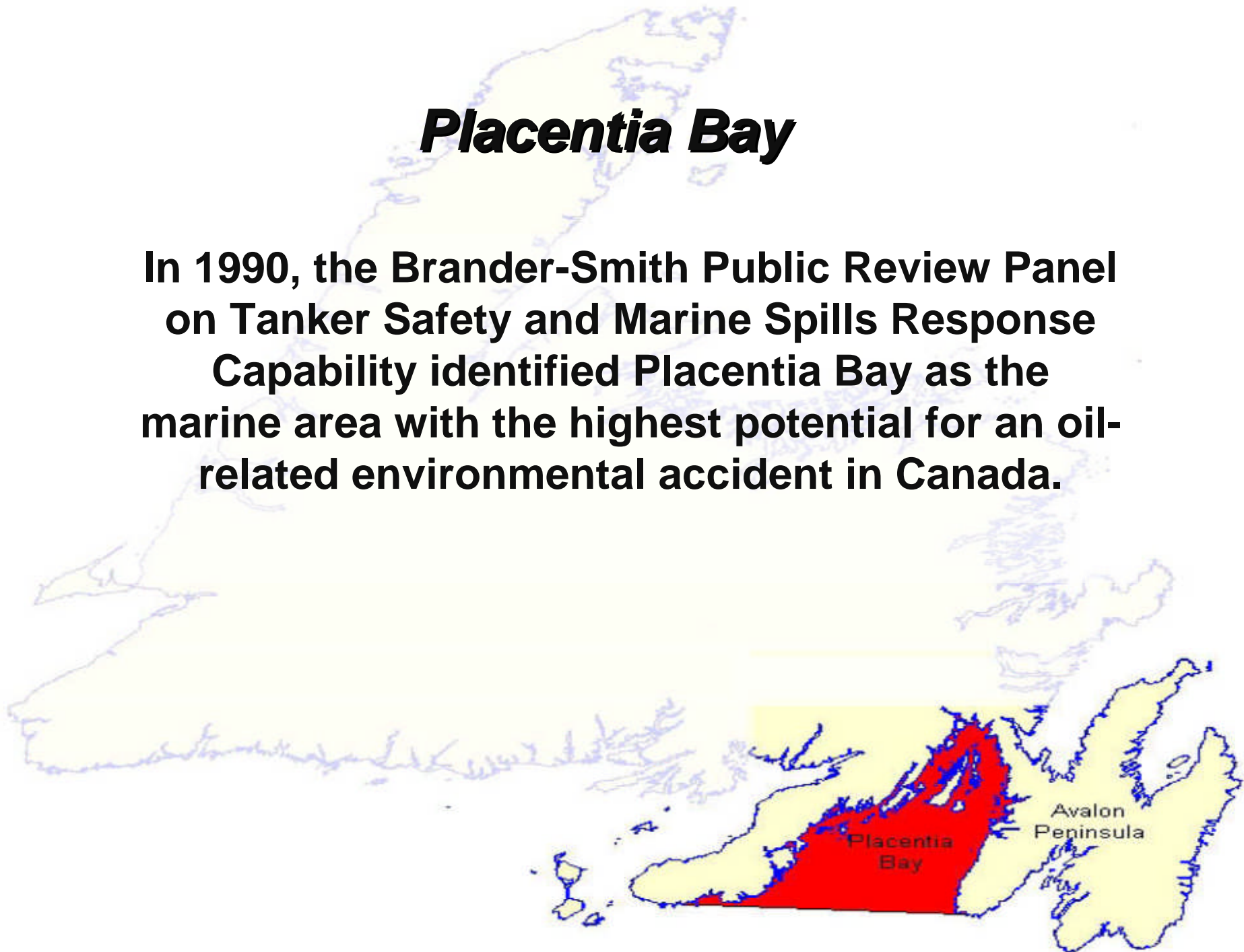
- Community stewardship initiatives
- Engagement of regional / local governments (*i.e.* harbour authorities, land-planning authorities, etc.)
- Economic diversification opportunities

# ***Role of Community Stakeholders***

- Setting local goals and objectives
- Strategic planning at a local scale
- Securing partnerships
- Networking among groups
- Education and awareness

# ***Placentia Bay***

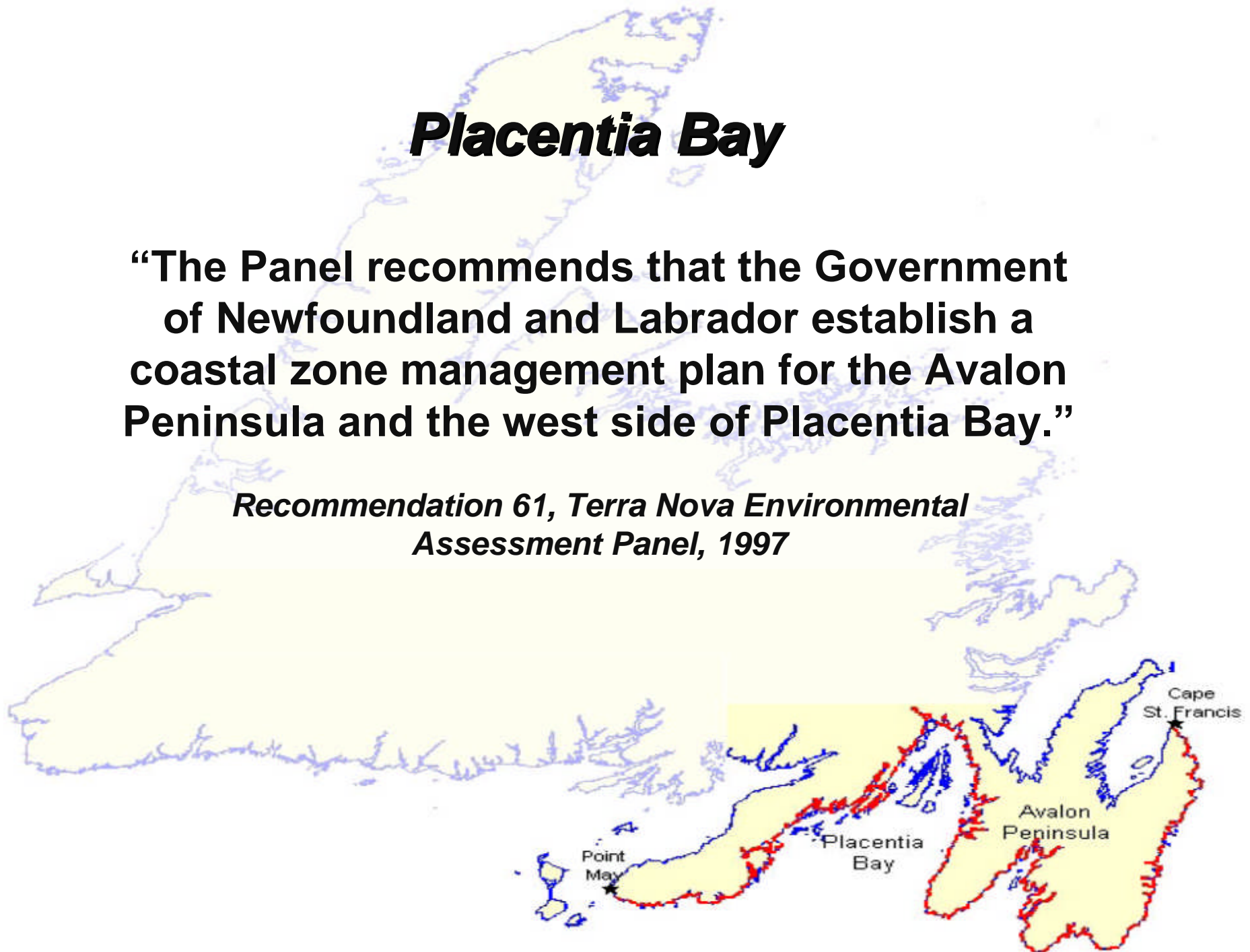
**In 1990, the Brander-Smith Public Review Panel on Tanker Safety and Marine Spills Response Capability identified Placentia Bay as the marine area with the highest potential for an oil-related environmental accident in Canada.**



# ***Placentia Bay***

**“The Panel recommends that the Government of Newfoundland and Labrador establish a coastal zone management plan for the Avalon Peninsula and the west side of Placentia Bay.”**

***Recommendation 61, Terra Nova Environmental Assessment Panel, 1997***



The Government of Newfoundland and  
Labrador has accepted the  
recommendation  
made by the Panel.

DFO has stated that it recognizes the  
sensitivity of Placentia Bay and will work  
with the Province on initiatives towards  
integrated management of this area.

# ***Placentia Bay***

## **Flora and Fauna**

- ✓ Leatherback Sea Turtle
- ✓ Harlequin Duck

## **Unique Ecological Environments**

- ✓ Large ice-free deepwater bay
- ✓ Cape St. Mary's Ecological Reserve

## **Fisheries and Aquaculture**

- ✓ Active groundfish and shellfish (lobster and snowcrab) fisheries
- ✓ Emerging Atlantic cod and blue mussel aquaculture activity

# ***Why Placentia Bay?***

## **Industrial Development**

- ✓ Oil refinery, oil transshipment terminal, shipyard/fabrication facility, ferry terminal
- ✓ Decommissioning of U.S. Naval facility
- ✓ Test hydromet refining facility for nickel from Voisey's Bay under construction

## **Increasing Shipping Activity**

- ✓ Current oil tanker traffic represents 25% of Canadian total
- ✓ Voisey's Bay refining facility scheduled to come on stream in 2006 and will increase tanker traffic

# ***Status***

- Federal/Provincial working group formed in 2001
- Database of references for Placentia Bay
- Three Community-based Coastal Resource Inventories:
  - Burin Peninsula - completed fall/winter 1999/2000
  - Trinity-Placentia - completed winter 2000
  - Placentia-St. Mary's - completed fall/winter 2000/2001

## ***Status***

- Ecological and socio-economic information has been compiled
- Report entitled '*Integrating Scientific and Local Knowledge to Identify Potential Critical Habitats: A case study in Placentia Bay, Newfoundland*'

# ***Status***

- Comprehensive and Current List of Groups and Organizations in Placentia Bay
- Development of a CD-ROM and Visual Profile
- Communication Strategy

# ***Status***

- Comprehensive scoping exercise conducted by consultant in late 2003/early 2004. Engaged 94 agencies, community groups and individuals.
- Workshop held in March 2004 to provide feedback to all participants involved in the scoping exercise.
- Focused bilateral consultations with stakeholders (Regional Economic Development Boards, Regional Advisory Committee on Oil Spills, etc) completed.
- Formation of IM Planning Committee. First meeting on March 21, 2005.

| <b>Sector</b>   | <b>Members</b> |
|---|----------------|
| 1. Aquaculture  | 1              |
| 2. Business Organizations (Chambers of Commerce)  | 1              |
| 3. Education and Research   | 1              |
| 4. Fish Harvesters  | 2              |
| 4. Fish Processing  | 1              |
| 5 (a) Government - Federal [DFO]  | 1              |
| 5 (b) Government - Provincial [DE and C]  | 1              |
| 5 (c) Government - Municipal  | 3              |
| 6. Harbour Authorities  | 1              |
| 7. Mining Industry  | 1              |
| 8. Oil Industry   | 1              |
| 9. Regional Economic Development Agencies   | 1              |
| 10. Tourism and Recreation  | 1              |
| 11. Regional Advisory Committee for Coast Guard (RAC);<br>Placentia Bay Traffic Committee | 1              |

## ***Next Steps of IM Planning***

- Continue to build relationships between regulatory agencies and stakeholders with an interest in Placentia Bay
- Provide direction for adopting a structure and course of action for the interim IM Planning Committee
- Move to stage three of the operational framework, developing an IM Plan

## ***Placentia Bay Information Seaway Initiative***

- Initiated by CCMC, the project will be undertaken as part of the Marine and Ocean Industry Technology Roadmap of the National Research Council of Canada
- Involves the integration of:
  - Ocean mapping and monitoring capabilities (*i.e.* multi-beam sonar and sea-state monitoring and forecasting)
  - Navigation technologies (*i.e.* electronic charting)
  - Vessel management technologies (*i.e.* AIS)

# ***Placentia Bay Information Seaway Initiative***

## Benefits:

- Will give local stakeholders access to accurate and up-to-date information
- Better information – Better decisions
- Assist in providing a safer, more productive marine environment

# Thank you.

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