

COINAtlantic

***A Coastal and Ocean Information
Network for Atlantic Canada***

Status Report

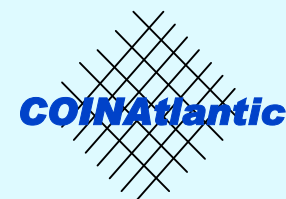
Presented by

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January 2007

ACZISC Meeting
St. John's, NL



COINAtlantic

What is it?

- A structure to access and share data and information and to provide open access to regional data and information within the Canadian Geospatial Data Infrastructure (CGDI)
- Information resource focussed on the information needs of integrated coastal and ocean managers
- Collaboration between data providers and formal agreements to ensure sustainability
- Community of users that keeps COINAtlantic relevant and useful to their needs

COINAtlantic Drivers

- Oceans Act, Canada's Ocean Strategy, Oceans Action Plan
 - Integrated Ocean Management pillar

Also aspects of

- Species at Risk Act
- Canadian Environmental Assessment Act

COINAtlantic Outcomes

- Increased confidence of coastal stakeholders in coastal management decisions through comprehensive accessible information
- Increased competitiveness of Atlantic Canadian coastal-related enterprises through efficient and certain management regimes supported by comprehensive accessible information
- Increased national and international competitiveness of Atlantic Canadian marine geomatics enterprises

GeoConnections Proposal

- To invest in Phase 1 of COINAtlantic development
- \$1.2 million (in-kind and cash)
- \$350,000 from GeoConnections
- February 2007 to 31 March 2009
- Provide information for effective coastal and ocean management consistent with Canada's Ocean Strategy and the Oceans Action Plan
- The beginnings of a National Information System for coastal and ocean management

GeoConnections Proposal

- Focus on GeoConnection's **Environmental and Sustainable Development** priority
- Some relevance to other GeoConnections priorities
 - **Public Health**
 - **Public Safety / Security**
 - **Aboriginal Community**

GeoConnections Proposal Deliverables

- Web Mapping Application (WMA)
 - Version 1: Revision of the COINPacific WMA
 - Version 2: Upgraded WMA incorporating new services
 - Version 3: Analytical tool – Watershed Risk Assessment tool (DFO Gulf Region / DFO Maritimes Region)

GeoConnections Proposal Deliverables

- OGC compliant Web Mapping and Web Feature Services
- Other OGC compliant Services
 - Prototypical marine cadastre for the Eastern Scotian Shelf with Boundary Service
 - GeoNames Service enhanced for marine applications
 - OGC standard compliance service

GeoConnections Proposal Deliverables

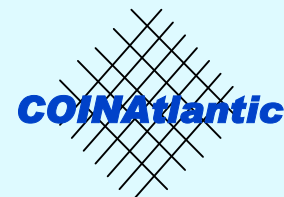
- Sustainability
 - Data Consortium agreements (Data providers *i.e.* layer publishers commit to continue to provide layers to the internet)
 - NGO / community engagement tools (To sustain COINAtlantic an informed and dedicated user community is needed.)
 - Sustainability research and plan (How have other similar enterprises survived / thrived? What is feasible for Atlantic Canada?)

GeoConnections Proposal Partners

- ACZISC Association
- ACZISC
- GeoConnections
- National and regional geomatics industry
- DFO Maritimes Region, both Science and Ocean Sectors
- DFO Gulf Region
- Nova Scotia - GeoNova
- NRCan Geoscience for Ocean Management Program

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GeoConnections Proposal Partners

- NRCan Enhancing Resilience to a Changing Climate Program
- NRCan Secure Canadian Energy Supply Program
- Aquatic Data Warehouse (New Brunswick)
- Dalhousie University Map Library
- Environment Canada
- Sackville River Association

GeoConnections Proposal

Potential Partners

- Southern Gulf of St. Lawrence Coalition on Sustainability
- Province of Newfoundland and Labrador
- DFO NL Region
- NSCC, Centre of Geographical Sciences, AGRG, second analytical application for coastal risk assessment
- UNB (Prof. Darka Mioc, aboriginal communities)
- Environment Canada (Vincent Mercier)

Next Steps

- Detailed review of proposal with GeoConnections
- Revise for greater focus of regulatory relevance
- Develop further community engagement strategy
- Follow up with potential partners, including:
 - Province of Newfoundland and Labrador
 - DFO NL Region
 - UNB
 - COGS
 - SGSLCS
 - Environment Canada

GeoConnections Proposal Governance

- Advisory Committee (4-5) (GOMMI, SmartBay, BC, Australia, etc.)
- Steering Committee (ACZISC)
- Management Committee (Task Group +)
- Project Team(s)