



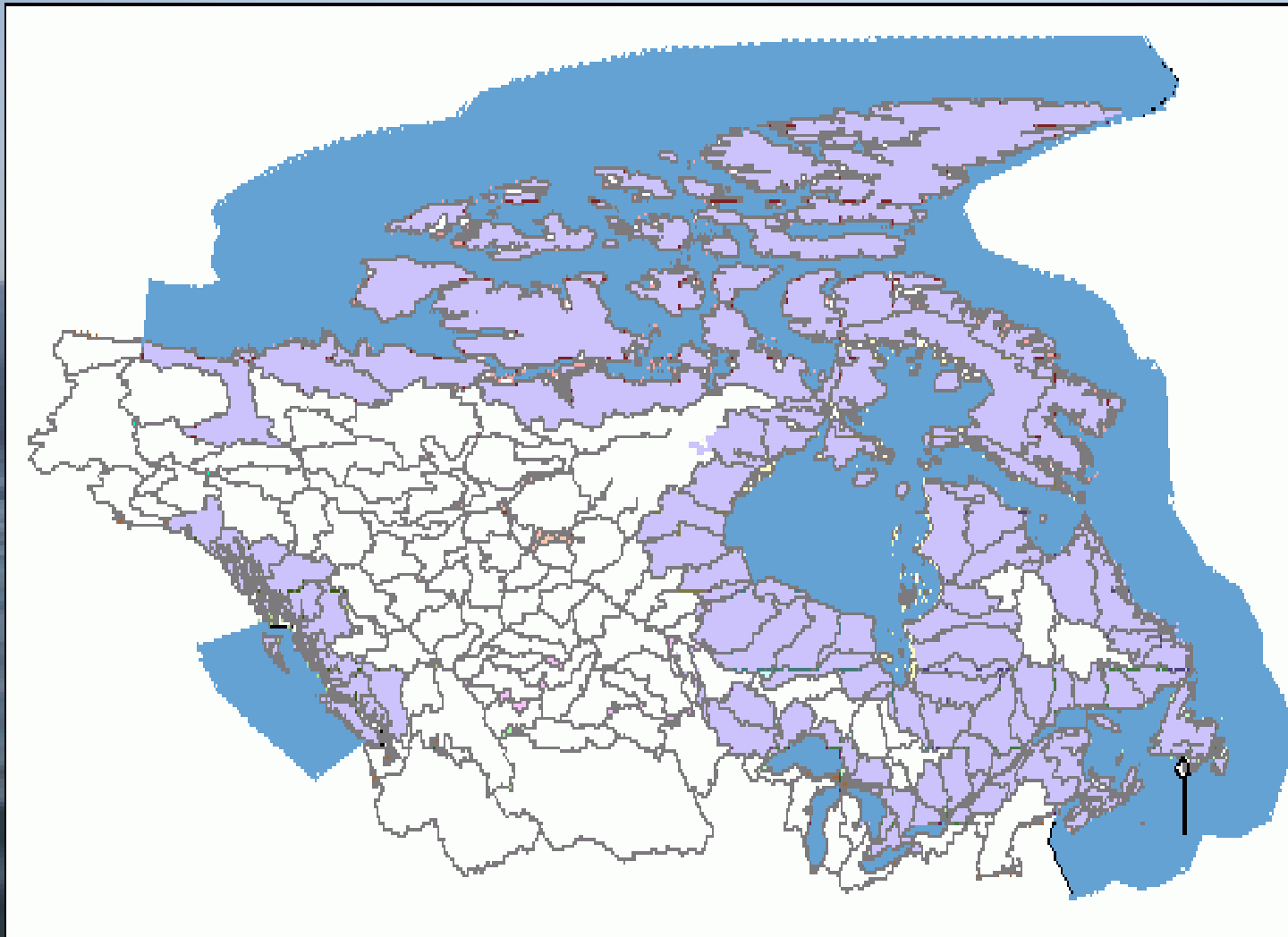
An initiative of the  *ACZISC*

***Contributing to the CGDI
in support of Integrated Coastal
and Ocean Management***

The ICOM Challenge

- **Need information concerning land, freshwater and saltwater**
- **Need information concerning both environmental and socio-economic conditions**
- **Need to find and use information from many agencies, groups and individuals**

Canada's Coastalshed – land and water –



Geomatic Strength



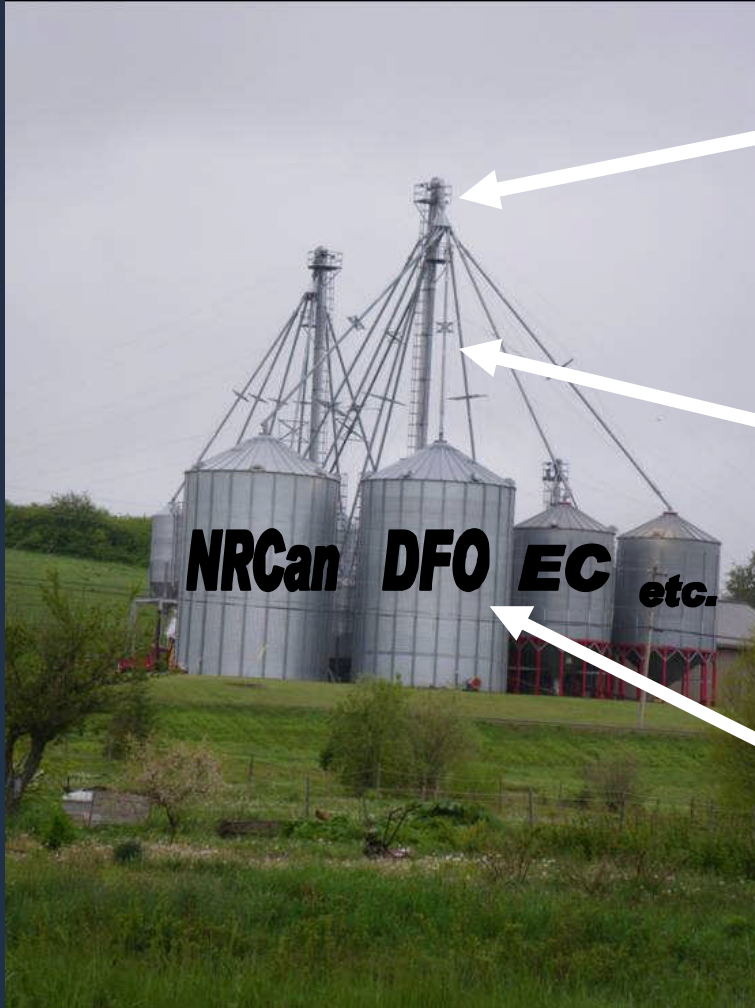
DFO Maritimes
DFO Newfoundland
DFO Gulf
Geological Survey of Canada
UCCB
College of Geographic Sciences
Dalhousie University
Humber River Watershed Alliance
Clean Annapolis River
Environment Canada
NRCan Surveyor General Branch
Gulf of Maine Council
GeoBase
DFO Geoportal
NRCan
Atlas of Canada
ESRI
GeoGratis
Sackville Rivers Association
Wood Hole Oceanographic Institution
University of New Brunswick
Atlantic Reference Centre
OBIS Canada
Ocean Tracking Network

Plus
Plus
Plus

Geomatic Challenge

**In a world of 1000s of URLs
and 100s of portals,
how do you find the maps
that you need for ICOM?**

COINAtlantic Approach



COINAtlantic Utility to effectively search for, find, access and overlay information

Data **registered** and accessible via the GeoConnections Discovery Portal (GDP)

People / agencies **publishing** authoritative and secure data / portals

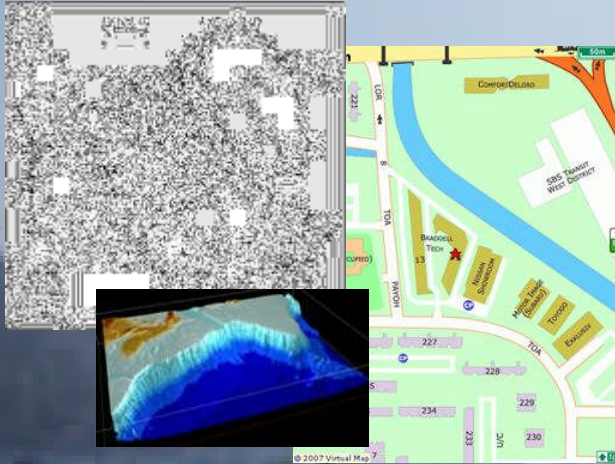
What COINAtlantic is NOT

- **Not a portal or a data warehouse**
 - It doesn't house any data.
- **Not a metadata catalogue**
 - The GeoConnections Discovery Portal (GDP) does that.
- **Not a GIS or a refined mapping engine**

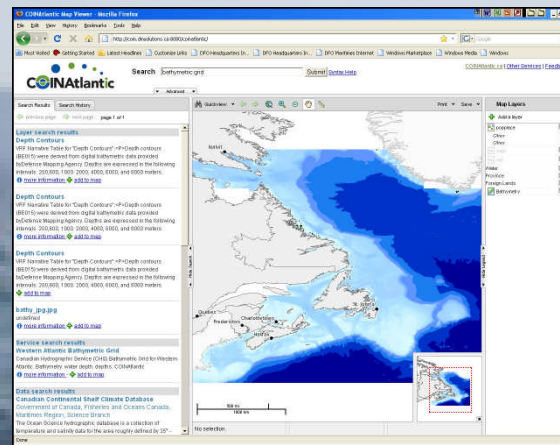
So what is COINAtlantic?

- **COINAtlantic is a network of people, information and technology contributing to the Canadian Geospatial Data Infrastructure (CGDI).**
- **COINAtlantic provides a Utility that is accessible via common web browsers.**
- **COINAtlantic uses:**
 - **The established GDP metadata catalogue**
 - **Established standards for map publishing**
 - **Established Portals and data sources.**

COINAtlantic: A Network of People, Information and Technology



People committed to sharing information



COINAtlantic Utility via common web browsers



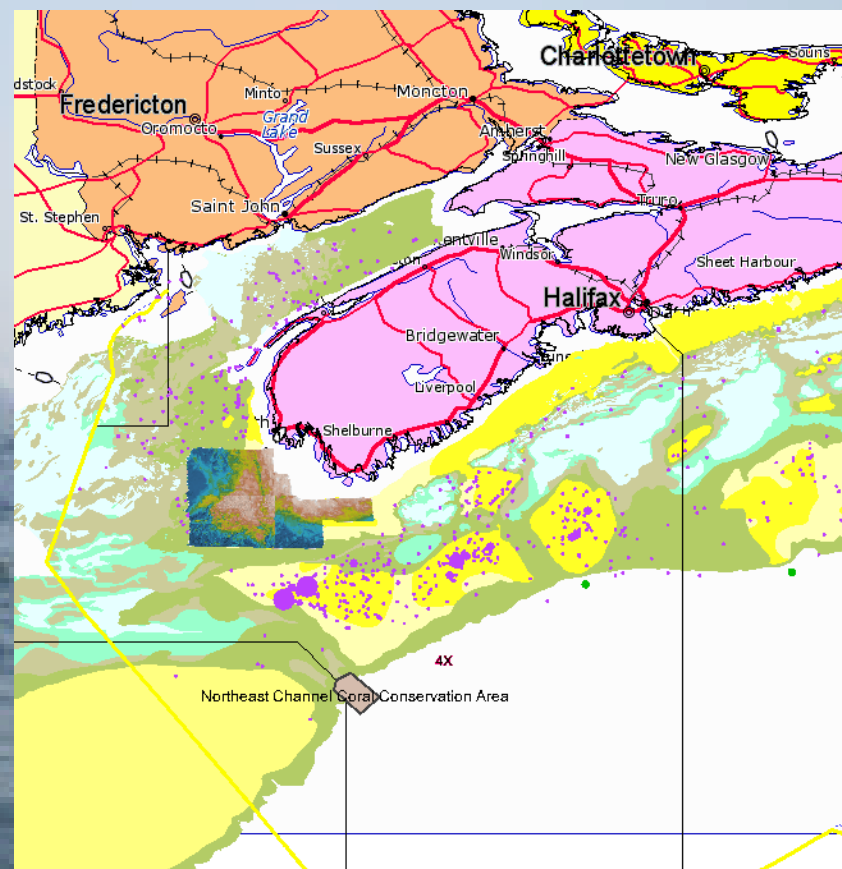
Users

What the COINAtlantic Utility can do

- **Find the information you need**
- **View the information that is available**
- **Combine and overlay information from many sources**
- **Share information with others**
- **Facilitate wider use of information**

Example of Image Overlay

- NRCan
 - Surficial Geology
 - Multibeam
 - Roads, etc.
- DFO
 - NAFO
 - EEZ
 - SARA catch data
 - Coral Area
- Plus
- Plus
- Plus



COINAtlantic in the Future

Searches based on:

- Area of interest
- Issue
- Data layers

User

COINAtlantic
Utility

GDP
(Metadata)

Information
Sources



Applications



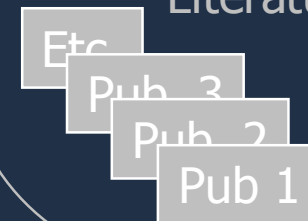
Laws and Policy



Primary
Publications



Grey
Literature





**The development and implementation of
COINAtlantic is a 'team' effort.**

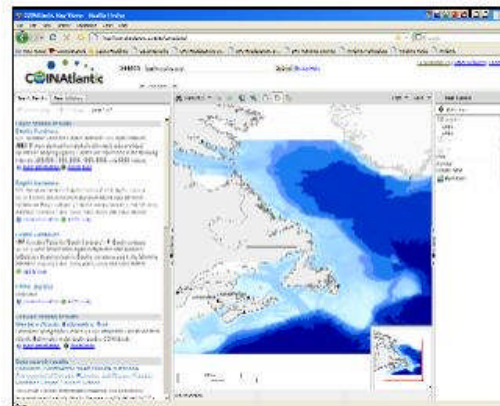
**The ACZISC gratefully acknowledges
the support of GeoConnections, Fisheries
and Oceans Canada, and other ACZISC
members and collaborators.**

Welcome to COINAtlantic!

The Coastal and Ocean Information Network Atlantic (COINAtlantic) is an initiative of the Atlantic Coastal Zone Information Steering Committee ([ACZISC](#)). It is working to provide open access to data, information and applications relevant to Atlantic Canada.

COINAtlantic Search Utility

By clicking on the map image the [COINAtlantic Utility](#) will open allowing you to search and access environmental information for Atlantic Canada.



Note that there is support material for users of the Utility that can be found by clicking on this link [Additional information](#). Here you can find links to

- the [4-minute introductory demonstration video](#) of the Search Utility;
- a [2-page quickstart tutorial](#);
- a link to the [COINAtlantic FaceBook group](#); and,
- other useful materials.