

Mainstreaming Biodiversity Objectives into Arctic Development: Marine and Coastal Industry Leadership Collaboration

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The International Business Alliance
for Corporate Ocean Responsibility

Biodiversity Objectives and Development

ABA Implementation Plan Recommendation #4

“Require the incorporation of biodiversity objectives and provisions into all Arctic Council work and encourage the same for on-going and future international standards, agreements, plans, operations and/ or other tools specific to development in the Arctic. This should include, but not be restricted to, oil and gas development, shipping, fishing, tourism and mining.”

- **How are you approaching the issue?**
- **What does mainstreaming biodiversity into development objectives/plans mean in your context?**
- **What do you need to do this successfully?**
 - **Knowledge/Information/data?**

How are we approaching the issue?

Addressing the Arctic Business Community Challenge

- Industry access and social license to use Arctic space and resources
- Many of the critical issues creating are cross-cutting
- Sustaining Arctic health and productivity requires responsible use and stewardship by all users
- Best efforts by a single company, or an entire industry sector, may not be enough to ensure Arctic health
- Industries will benefit from collaboration with other sectors to create synergies and economies of scale to address impacts and ensure access and social license
- **Need structure/process for leadership and collaboration**



World Ocean Council



International, Cross-Sectoral Business Leadership Alliance

- Bringing ocean industries together, e.g. shipping, oil/gas, fisheries, aquaculture, tourism, offshore renewables, etc.
- Catalyzing private sector leadership and collaboration in
 - Advancing “*Corporate Ocean Responsibility*”
 - Communicating responsible ocean industry/economy
- 70+ members worldwide; 34,000+ in global network

Goal Healthy, productive global ocean and its sustainable use and stewardship by responsible *ocean business community*

Creating business value for responsible companies

- Access and social license for responsible ocean use
- Synergies and economies of scale in addressing issues
- Stability and predictability in ocean operations

World Ocean Council Members

3W Marine Pty Ltd

Almi Tankers S.A.

Arcadis

A.P. Moller-Maersk A/S

Arctic Fibre

Baird Publications

Battelle Memorial Institute

Beveridge & Diamond, P.C.

BigBlueStuff

Birds Eye – Igloo

Blank Rome

BP

Cape Breton University

Cape Cod Comm. Fishermen’s Assn.

Caris USA Inc.

Center for the Blue Economy

China Navigation Company

Circumpolar Solutions

Class NK

CSA Ocean Sciences Inc.

DNV - GL

EcoStrategic Consultants

ESRI

ExxonMobil

Global Trust Certification

Golder Associates

Guangxi Panshibao Co., Ltd

Heidmar, Inc.

Heerema Marine Contractors

Holman Fenwick Willan LLP

Hydrex

Intl Chamber of Shipping (ICS)

Intl Tankers Owners Pollution Fed. (ITOPF)

JASCO Applied Sciences

Keppel Offshore and Marine

L3 MariPro

Lloyds Register

Louisbourg Seafoods

M3 Marine (Offshore Brokers) Pte Ltd

Manson Oceanographic

Marinexplore/Planet OS

Marine Acoustics, Inc.

Memorial University – Marine Institute

Mitsubishi Heavy Industries

Nautilus Minerals, Inc.

N America Marine Env’t Protection Assn.

Noise Control Engineering

Ocean Nourishment

OceanNetworks Canada

OLRAC SPS

PanGeo Subsea

Resolute Marine Energy

RightShip

Rio Tinto

Royal Greenland A/S

Sanford Limited

Shell

Shipping HK Forum Ltd

Southall Env’tal Assoc (SEA)

SubCtech

Swire Pacific Offshore

Tai Chong Cheang (TCC) Steamship Co HK

Technip

Teck Resources

TierraMar Consulting

TOTAL

Total Marine Solutions

Twin Dolphins

Univ. Texas Marine Science Inst.

How are we approaching the issue: Arctic?

WOC Regional Business Leadership: Arctic

- Create cross-sectoral business leadership on responsible coastal / marine development in the Arctic
- Bring together leadership companies from the range of Arctic coastal / marine industries
- Address priority sustainability and science issues that would benefit from business collaboration
- Build industry network and interaction with Arctic Council and its working groups, e.g. CAFF, PAME, SDWG
- Build industry network and interaction with other key Arctic stakeholders

WOC Arctic Business Leadership Group

Coordination/Collaboration

- Creating an Arctic Business Leadership Working Group
- Fostering cross-sectoral industry interaction
- Helping ensure business involvement in Arctic events and discussions that could benefit from improved industry input

Priorities initially identified

- Circumpolar best practices for sustainability
- Bering Strait/Sea maritime traffic scenarios
- Arctic data collection and sharing in the Arctic

WOC Arctic Efforts

- ***Arctic Business Leadership Council*** workshop
Reykjavik, 16 Sep 2012
- ***Business Dialogue with Arctic Council***
Reykjavik, 17 Sep 2012
- ***WOC Sustainable Ocean Summit : Arctic Session***
Washington DC, 23-24 Apr 2013
- **Business Cooperation session at *Arctic Circle 2013***
Reykjavik 12 Oct 2013
- ***Arctic Shipping Forum***: Roundtables on data collection
Helsinki, 8-10 Mar 2014; St Johns, 20-21 Oct 2014
- **Industry input to *Arctic Circle 2014***
Reykjavik, 30 Oct-2 Nov 2014

What does Mainstreaming Biodiversity mean ?

Addressing Cross-Cutting Operational Environment and Biodiversity Issues

- **Marine Sound**
 - WOC Marine Sound Working Group
- **Marine Waste and Debris/Water Quality**
 - WOC Port Reception Facilities Working Group
- **Marine Invasive Species**
 - WOC Biofouling Working Group
- **Marine Mammal Interactions**
 - Ship strikes

Data/Knowledge to Mainstream Biodiversity ?

WOC: Smart Ocean / Smart Industries

Ensure a wide range of industry vessels and platforms are:

- Contributing to describing the status, trends and variability of ocean conditions and biodiversity
- Improving the understanding, modeling and forecasting of oceanic ecosystems, resources, weather, and biodiversity

Smart Ocean-Smart Industries program seeks to:

- Expand the number of vessels/platforms collecting data
- Improve the coordination and efficiency of data sharing and input to national/international data systems
- Build on “ships/platforms of opportunity” programs
- Develop an Arctic pilot effort

Vessel/Platform Data Collection Opportunities



Moving forward Mainstreaming Biodiversity

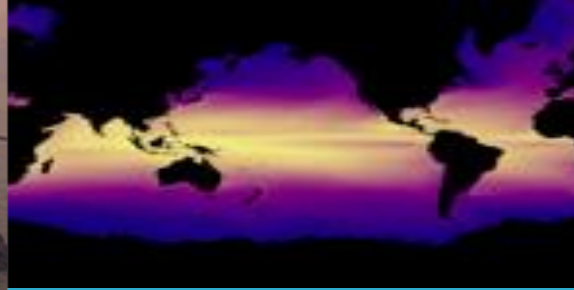
ABA Implementation Plan Actions for 2013-15

- Strengthen and develop new strategic partnerships, particularly with industry.

ABA Implementation Plan Actions for 2015-2017

- Develop and implement a plan for promotion of use of the guidelines and measurement of their uptake by industry.
- Develop an engagement plan to mainstream biodiversity in all relevant sectors.
- Work with industry... to develop tools to align industry monitoring with Circumpolar Biodiversity Monitoring Programme.

WOC provides a structure and process for CAFF, PAME and SDWG to engage with the business community.



Thank You !

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