



Instituto Panamericano de Geografía é Historia

Pan American Institute of Geography and History

OHI é IPGH - IHO and PAIGH

November 2012
Antigua, Guatemala

This Briefing – Este Informe

- Introduction to Pan American Institute of Geography and History
 - IHO/PAIGH Complementary Activities
 - Proposal to Combine IHO and PAIGH Resources for Hydrography and Nautical Charting Project in the Gulf of Fonseca.
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- Introducción al Instituto Panamericano de Geografía e Historia
 - Actividades Complementarias de la OHI/IPGH
 - Propuesta para combinar los recursos de la OHI y la IPGH para el proyecto de Hidrografía y Cartas Náuticas en el Golfo de Fonseca



Background - Antecedentes

- PAIGH was created February 7, 1928
- Headquarters are located in Mexico
- In 1949, the Institute signed an agreement with the Council of the OAS and became its first Specialized Organization



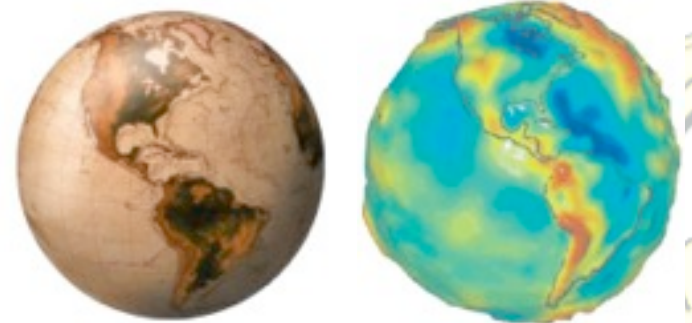
- IPGH fue creado el 7 de febrero de 1928
- La sede principal está en México
- En 1949 el instituto firmó un con el consejo de la OEA y se convirtió en su primera organización especializada.

PAIGH Mission and Objectives



- To encourage, coordinate, and publicize cartographical, geographical, geophysical and historical studies to the Americas.
- To promote and carry out studies, work and training in these fields of activity.
- To promote cooperation among organizations interested in these fields of activity in the Americas, and with related international organizations.

- Fomentar, coordinar y difundir los estudios cartográficos, geofísicos, geográficos e históricos y los relativos a las ciencias afines de interés para América.
- Promover y realizar estudios, trabajos y capacitaciones en esas disciplinas.
- Promover el desarrollo institucional de las organizaciones vinculadas con la producción de la información cartográfica, geográfica y geofísica continental.



PAIGH and IHO Member States

Estados Miembros de IPGH y OHI

 **Argentina**
 **Belize**
 **Bolivia**
 **Brasil**
 **Chile**
 **Colombia**
 **Costa Rica**
 **Ecuador**
 **El Salvador**
 **Estados Unidos**
 **Guatemala**

 **Haiti**
 **Honduras**
 **México**
 **Nicaragua**
 **Panamá**
 **Paraguay**
 **Perú**
 **República Dominicana**
 **Uruguay**
 **Venezuela**

Observer States

 **Francia**
 **Israel**
 **Jamaica**
 **España**

PAIGH Organization

Organización de la IPGH

- General Assembly- Decide on the scientific, administrative and financial policies of the organization.
- Directing Council- Entrusted with the functions of the General Assembly during the intervals between the meetings of the latter.
- Commissions- Develop and execute the scientific and technical programs of PAIGH, approved by the General Assembly or the Directing Council.
- General Secretariat- perform administrative functions necessary for the successful operation of the Institute
- National Sections- The National Section is the body established by each Member State for the accomplishment of the aims of PAIGH.
- Asamblea General- Decide las políticas científicas, administrativas y financieras de la organización.
- Consejo Directivo- Tiene a su cargo las funciones de la Asamblea General durante los intervalos entre las reuniones de esta.
- Comisiones- Desarrollan y ejecutan los programas técnicos y científicos de la IPGH. Probados por la Asamblea General y el Consejo Directivo.
- Secretario General- Desarrolla funciones administrativas necesarias para la operación exitosa del Instituto.
- Secciones Nacionales- Las Secciones Nacionales es el cuerpo establecido por cada Estado Miembro para el cumplimiento de las metas de la IPGH.



Héctor Peña
Presidente



Bruce Presgrave
Vicepresidente



Santiago Borrero
Secretario General



Alejandra Coll,
Presidente Comisión
de Cartografía



Maria Cristina Mineiro,
Presidente Comisión de
Historia



Walter Fernández,
Presidente Comisión
de Geofísica

Commissions - Comisiones

Cartography

Among the other cartographic disciplines Hydrography and institutional Strengthening for the development of Geospatial Data Infrastructures at the national level are part of this commission.

Geography

The Commission on Geography is developing projects that analyze climatic change and its multiple effects, as well as themes related to the prevention of, attention to, and mitigation of, the effects caused by natural disasters.

History

The Commission on History develops projects with a global perspective concerning historical cultural, anthropological, economic and social processes of Latin America and its countries.

Geophysics

The Commission on Geophysics supports projects directed to the study and monitoring of geophysical processes and the impact caused by natural threats and disasters.

- **Cartografía:** Entre las otras disciplinas cartograficas, la Hidrografía y el fortalecimiento Institucional
- **Geografía:** La comisión en Geografía esta desarrollando proyectos que analizan los cambios climaticos y sus múltiples efectos, asi como temas relacionados con la prevención, atención y mitigación de los efectos causados por los desastres naturales.
- **Historia:** La comisión en Historia desarrolla proyectos con una perspectiva global que concierne a los procesos históricos, culturales, antropológicos, económicos y sociales de Latinoamerica y sus países.
- **Geofísica:** La comisión en geofísica apoya proyectos dirigidos a los estudios y monitoreos de procesos geofísicos y los impactos causados por amenazas y desastres naturales.

Finances - Finanzas

- The Pan American Institute of Geography and History is a non- profit organization.
- Member states pay by Annual Quotas
- Annual Budget is \$375K
- El Instituto Panamericano de Geografía e Historia es una organización sin ánimo de lucro.
- Estados Miembros pagan cuotas anuales
- El presupuesto annual es de \$375K

One internal source of financing is the sale of the periodical and occasional publications of PAIGH.

Una fuente interna de financiación es la venta de sus publicaciones periódicas y ocasionales Those

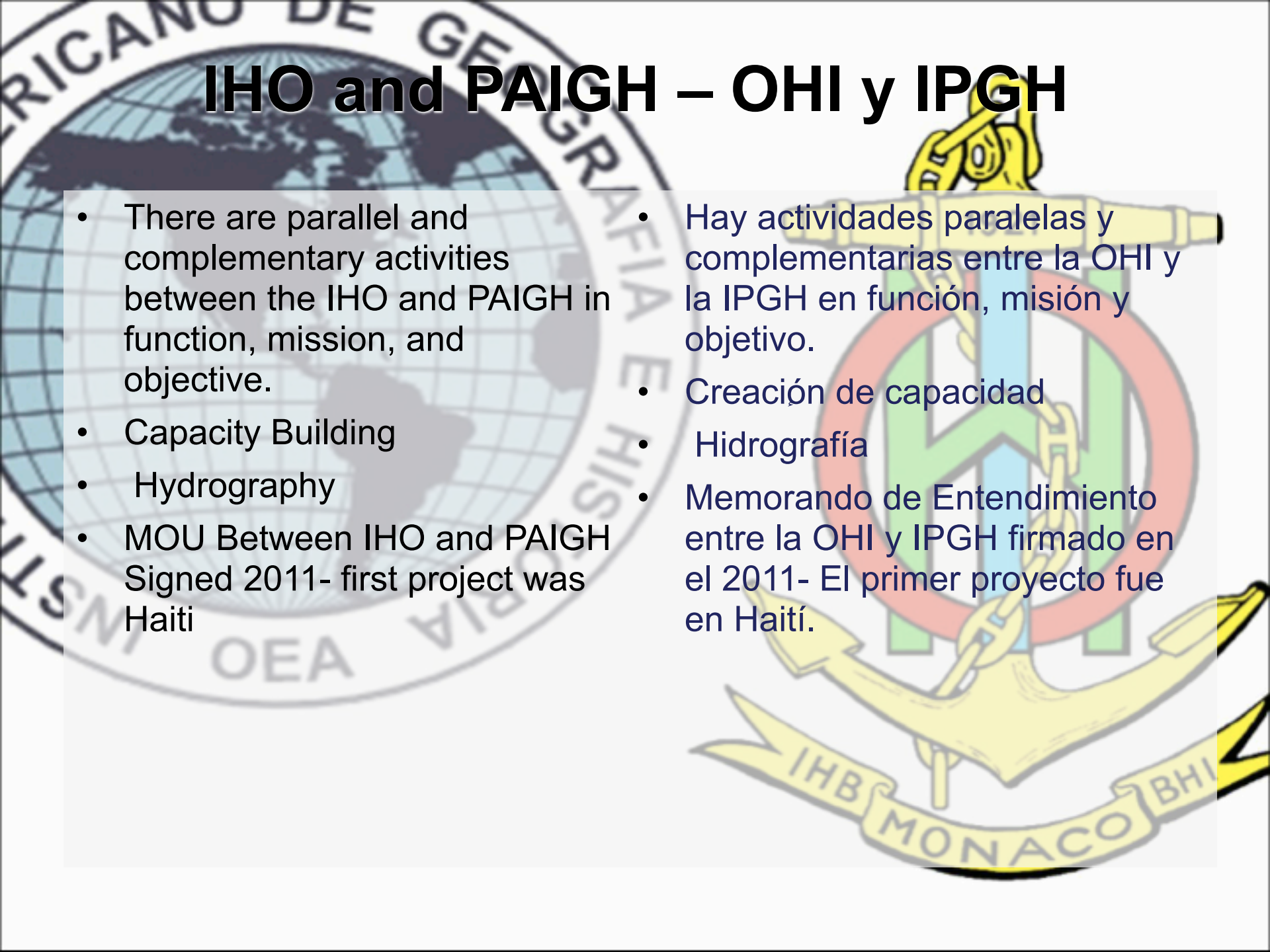
At (En) www.ipgh.org



IHO and PAIGH – OHI y IPGH

- There are parallel and complementary activities between the IHO and PAIGH in function, mission, and objective.
- Capacity Building
- Hydrography
- MOU Between IHO and PAIGH Signed 2011- first project was Haiti

- Hay actividades paralelas y complementarias entre la OHI y la IPGH en función, misión y objetivo.
- Creación de capacidad
- Hidrografía
- Memorando de Entendimiento entre la OHI y IPGH firmado en el 2011- El primer proyecto fue en Haití.



Institutional Strengthening and Technical Cooperation

Fortalecimiento Institucional y Cooperación Técnica.

- The objective is to emphasize and promote the transfer and interchange of technologies, applications, development, and capacity building in the geoscience disciplines that support the development of national spatial data infrastructures including marine spatial data infrastructure .
- El objetivo es enfatizar y promover la transferencia y el intercambio de tecnologías, aplicaciones, desarrollos y creación de capacidad en las disciplinas de geociencia, que apoyan el desarrollo de infraestructuras de datos espaciales nacionales, incluyendo infraestructura de datos espaciales marítimos.

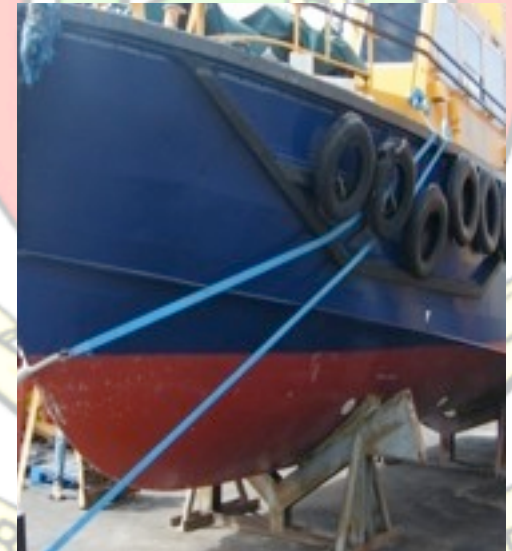
PAIGH Hydrography Technical Committee

IPGH Comité técnico Hidrográfico

- The objective of the HTC is promote the technical cooperation and improved understanding of hydrography, nautical cartography, safety of navigation and ocean observations among the national Hydrographic Offices of the Americas. While facilitating the exchange of information relative to hydrographic surveys, ocean observing, investigations and scientific and technical developments within member states.
 - Members include Argentina, Bolivia, Chile, Colombia, Ecuador, United States of America, Guatemala, Mexico, Panama, Peru, Uruguay, Venezuela
- El objetivo de la CTH es promover la cooperación técnica y mejorar el entendimiento de hidrografía, cartografía náutica, seguridad de navegación y observaciones del oceano entre las Oficinas Hidrográficas de las Américas. Al mismo tiempo facilitar el intercambio de información relacionado a los estudios hidrográficos, observación de los oceanos, investigaciones, y desarrollos científicos y técnicos entre los estados miembros.
 - Miembros incluyen Argentina, Bolivia, Chile, Colombia, Ecuador, Estados Unidos de America, Guatemala, México, Panamá, Perú, Uruguay, Venezuela.

Capacity Building

PAIGH has Partnered with
Governments, International Organizations
and
Private Industry



PAIGH HTC/ISTC Activities

Actividades de la CTH/CFICT - IPGH

- Assisted IHO in Spanish translation of the Manual on Hydrography
- *Distribution of Manual on Multibeam Standard Operation*
- *Seminar on Electronic Nautical Chart*
- *Workshop on Bathymetric Charts*
- Multibeam Workshops in 2002 and 2004 Gulfport, Mississippi
- High Volume Data Collection and Processing Workshop Sept 2007 in Cartagena, Colombia
- Asistió a la OHI en la traducción al español del manual en Hidrografía.
- Distribución del Manual de Operaciones Estándares en Multihaz
- Seminario de Cartas Nauticas Electronicas
- Taller de Cartas de Batimetría
- Taller de Multihaz en el 2002 y 2004, Gulfport, Mississippi
- Taller de Recolección y Procesamiento de Alto Volumen de Datos, Cartagena, Colombia, septiembre 2007

PAIGH HYDROGRAPHY TECHNICAL COMMITTEE WORKSHOP IN MULTIBEAM ECHO SOUNDING SYSTEMS

TALLER DE SISTEMAS DE ECOSONDAS MULTIHAZ POR EL COMITE TECNICO DE HIDROGRAFIA DE LA IPGH



- Held in Vera Cruz, Mexico, June, 2008.
- The technical goals were to give attendees on board experience of using multibeam echo sounders, surveying, planning techniques, and use of the attendant software for collection and processing.
- Organized by PAIGH and the Mexican Navy Dirección General Adjunta de Oceanografía Hidrografía y Meteorología with support from, CARIS Inc, Kongsberg Inc, EdgeTech Inc, US Naval Oceanographic Office (NAVOCEANO), and National Oceanic and Atmospheric Administration (NOAA)
- Vera Cruz, México, Junio, 2008.
- Las metas técnicas fueron darle a los asistentes una experiencia a bordo del uso de las ecosondas multihaz, estudios, técnicas de planeación, y uso del software presente para la recolección y procesamiento.
- Organizado por la IPGH y la Dirección General Adjunta de Oceanografía, Hidrografía y Meteorología de la Naval de México, con el apoyo de CARIS Inc, Kongsberg Inc, EdgeTech Inc, US Naval Oceanographic Office (NAVOCEANO), and National Oceanic and Atmospheric Administration (NOAA)

Barbados

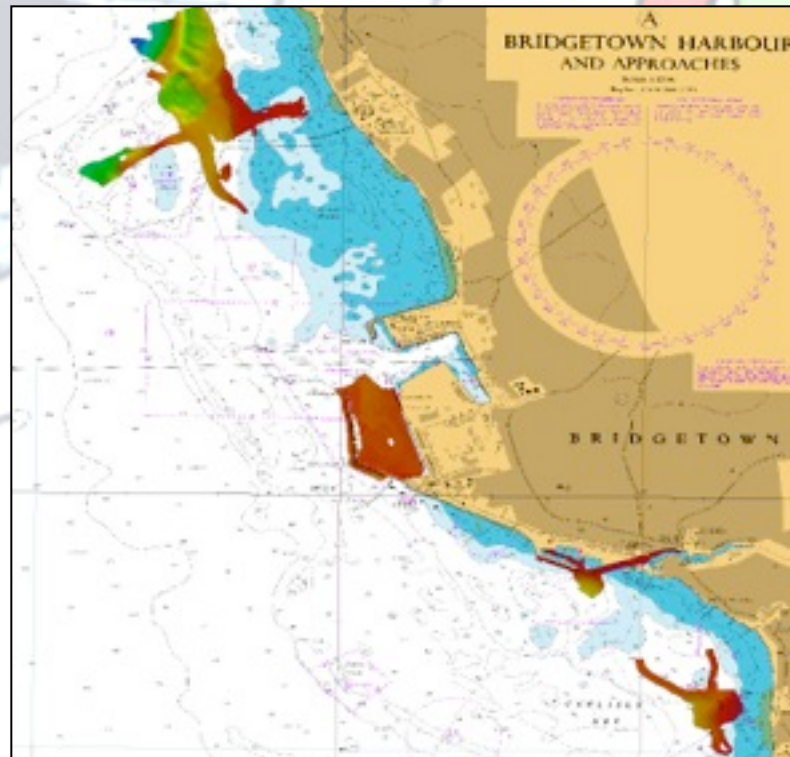
caris



KONGSBERG



- Spring Garden
- Harbour
- Careenage
- Carlisle Bay



Haiti



KONGSBERG



Gulf of Fonseca Situation

- 2007/2008 Presidents of El Salvador, Honduras, and Nicaragua declare the Gulf of Fonseca Peace and Security Zone

- 2011 17 Municipalities of the 3 countries met and declared the Gulf of Fonseca a Zone of Peace, Progress and Development

- Nov 2012 The Presidents of the 3 countries to visit the Gulf and reconfirm the needs to develop cooperation for development in the Gulf

- Nov 2012 MACHC, PAIGH, IHO, COCATRAM, El Salvador, Honduras, and Nicaragua met to take the first steps to plan for cooperative surveys and nautical chart production. Guatemala, NGA, UKHO, and Private industry also participated.



GoF Meeting Results

- Agreement to continue to pursue the project and higher level authority to be engaged
- Recognize that the future development of the Gulf of Fonseca can benefit from the work of this project which include hydrography for the safety of navigation, physical oceanography for the protection of the marine environment, and coastal zone management.
- Representatives of the MS to begin ministerial level contact internally
- Recognize the importance of keeping this a Central American project to the greatest extent possible
- Direct project support offered by Guatemala, NGA and UKHO as well as from Private Industry
- Continuing coordination and project planning to be done by email and body to reconvene at next MACHC.
- Continue engagement with IADB in Honduras and Washington DC

Summary Message and Proposal Recommendation

- The IHO and PAIGH convened the Gulf of Fonseca Hydrographic Survey and Nautical Charting Project meeting during the IHO Meso American Caribbean Hydrographic Commission Meeting in Antigua, Guatemala, 20 November 2012.

Attending that meeting were the GoF Member States: Honduras, Empresa Portuaria Nacional; El Salvador Instituto Geografico Nacional Centro Nacional de Registros; and Nicaragua, Instituto Nicaraguense de Estudios Territoriales. The meeting was also attended by United Kingdom Hydrographic Office, United States National Geospatial Intelligence Agency, COCATRAM, Guatemala, International Hydrographic Organization, Pan American Institute of Geography and History, representatives of Private Industry

The results of the meeting were:

1. Decision to continue the project discussions with authorities from the three Member states.
2. Recognize that the future development of the Gulf of Fonseca can benefit from the works proposed by this project; including hydrography for the safety of navigation, physical oceanography for the protection of the marine environment, and coastal zone management.
3. Decision to keep this project Regional within Central America as much as possible.
4. Recognize the offerings of governmental organizations, private industry, and non governmental organizations. There were significant offers to assist in this project from the attendees.

We believe that this project will benefit the three GoF Member States and the type of cooperation we are establishing will set a precedent for future projects.