



Highlights & Outcome of the Cape Town Summit





Facts





Facts



Cape Town Summit, 30 Nov 2008

- > 50 countries
- > 30 Participating Organizations



Attendance



High level representation from Member Countries and Participating Organizations

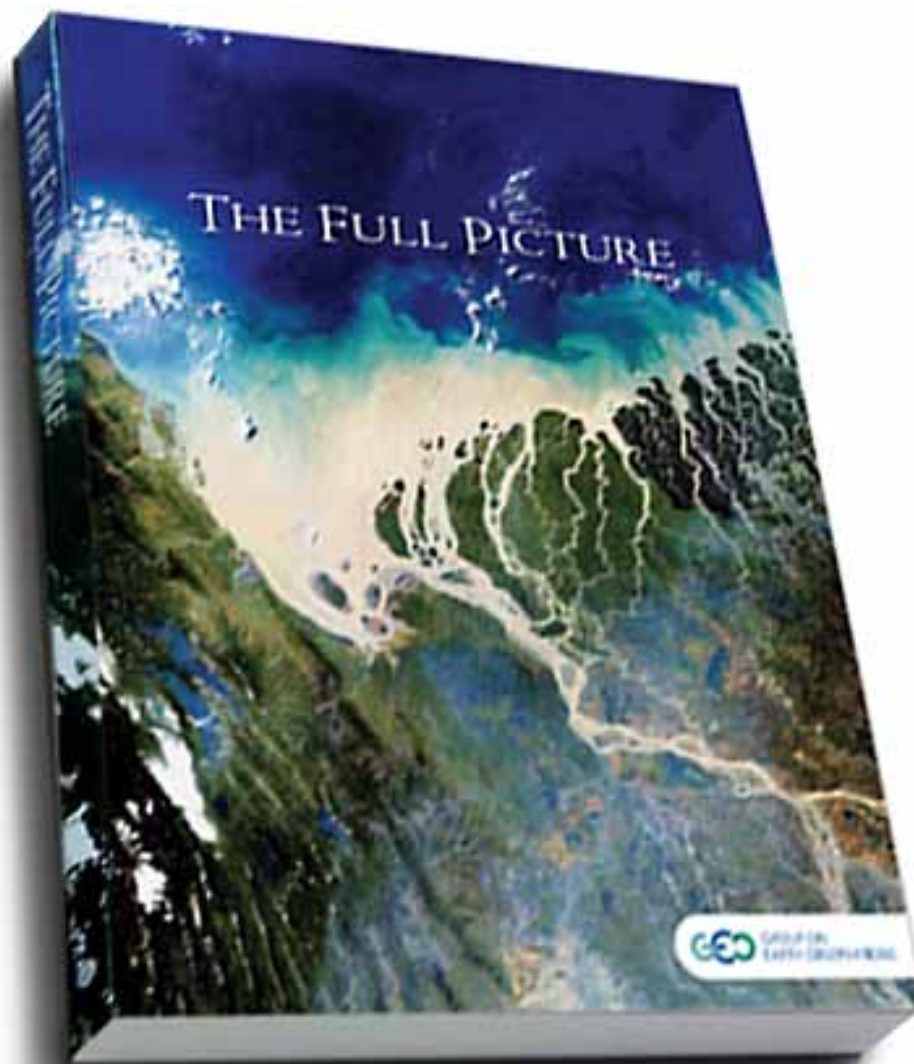
- Minister Mosibudi Mangena - South Africa
- Minister Gang Wan - China
- Commissioner Janez Potočnik - European Commission
- Secretary Dirk Kempthorne - United States
- Minister Kisaburo Tokai – Japan

and many other Ministers and Representatives



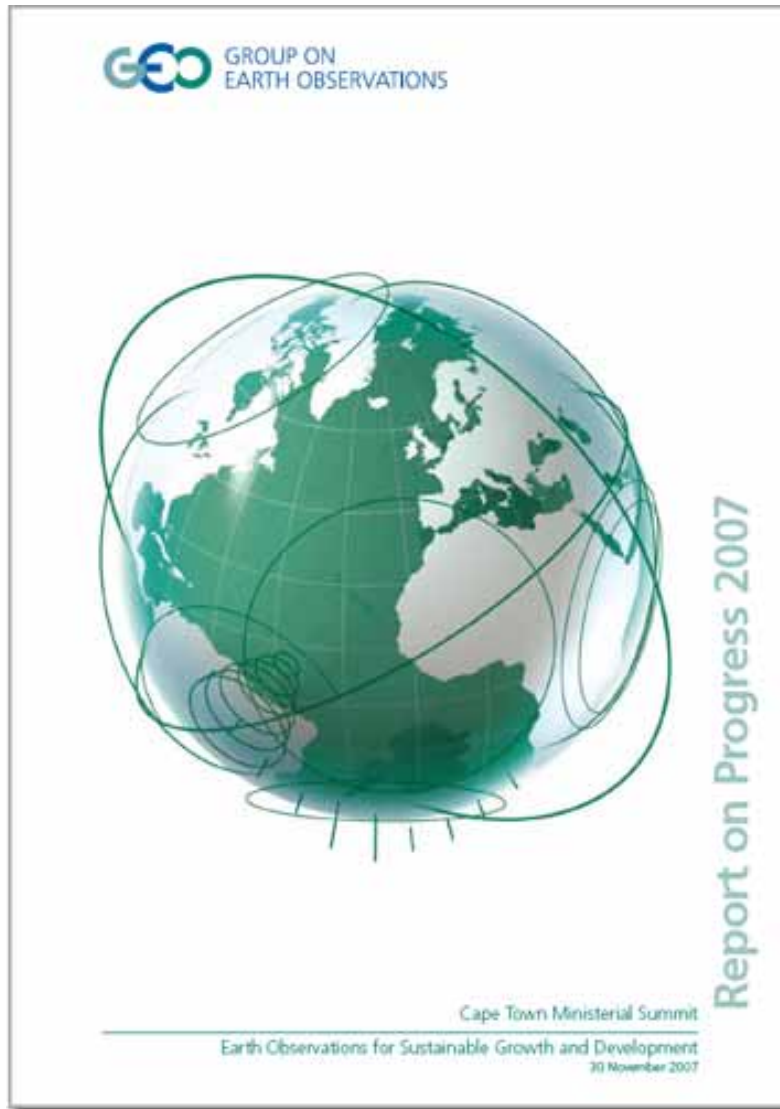


The Full Picture

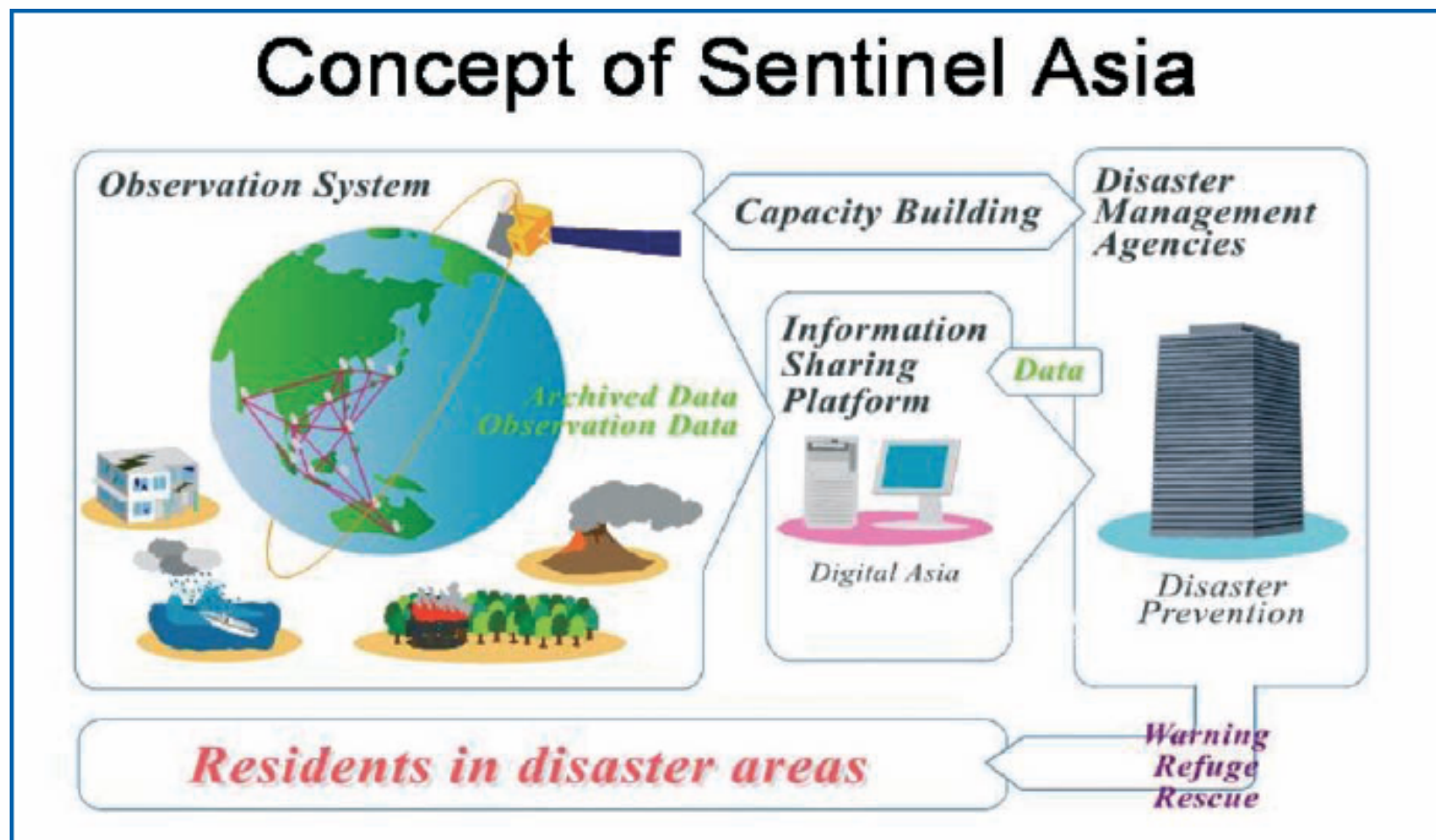




Report on Progress

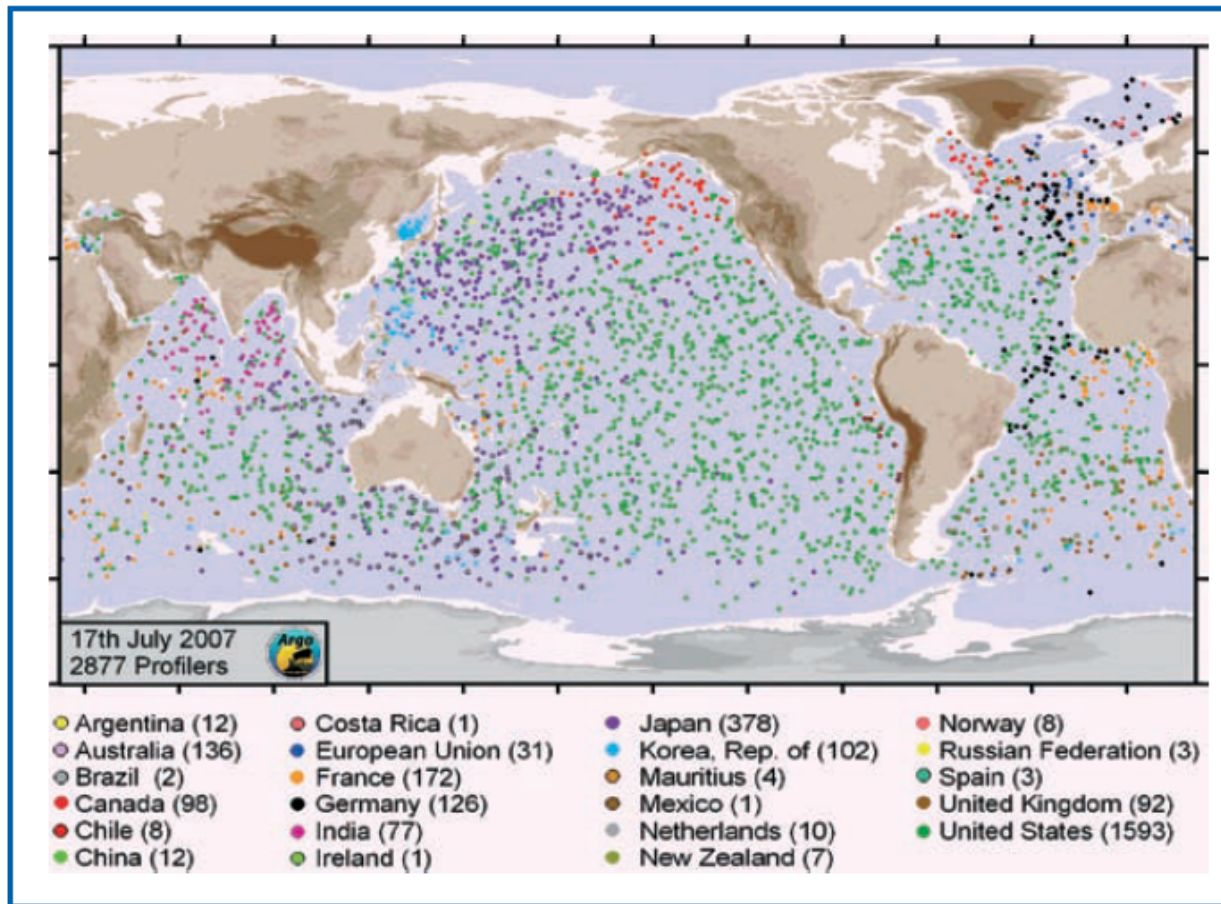


Examples: Sentinel Asia





Examples: Argo



This shows where Argo floats are at the time of writing, colour coded by the country launching each float. On July 17th 2007 we were closing in on the target of 3000 floats and have floats deployed by scientists from 23 nations.

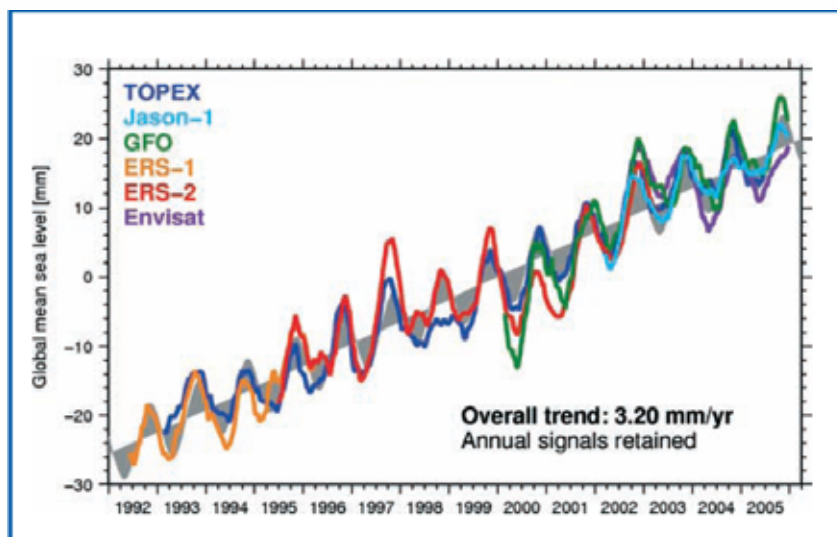
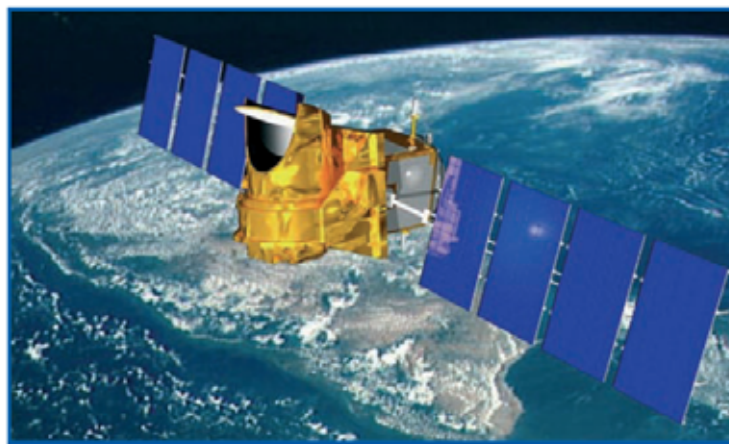


Examples: Virtual Constellations

Participants

Australia, Germany, Japan, USA,
CEOS, ESA, NASA, GCOS, GTOS,
IEEE, WMO.

*The French-Indian MEGHA-Tropiques mission,
planned for flight in 2009, is proposed as part
of the Global Precipitation Constellation*





Cape Town Declaration (1/2)

Recognizing that sound policymaking for addressing the environment and sustainable development must be based on understanding, describing and predicting a complex and interdependent world, and therefore requires terrestrial, oceanic, air-borne, and space-based Earth observations, data assimilation techniques and Earth system modelling;

Recalling that the G8 Summit in Evian in 2003 committed to strengthen international cooperation on global observation and associated information systems and the G8 Summits in Gleneagles in 2005 and Heiligendamm in 2007 affirmed the role of the Global Earth Observation System of Systems (GEOSS);

Recognizing that GEOSS will continue to build upon the interlinking and strengthening of existing and future observation, prediction and information systems developed and operated by Members and Participating Organizations, within the scope of the 10-Year Implementation Plan;

Recognizing the important contribution GEOSS can make through collaboration with UN system bodies including in response to the needs of the United Nations Framework Convention on Climate Change (UNFCCC), the Convention on Biological Diversity (CBD), United Nations Convention on Combating Desertification (UNCCD), and other relevant agreements and processes, and the growing need to further enhance such contributions;



Cape Town Declaration (2/2)

We confirm our common view that:

- a) The sustained operation of terrestrial, oceanic, air-borne, and space-based observations networks is critical for informed decision making;
- b) Data interoperability is critical for the improvement and expansion of observational, modelling, data assimilation and prediction capabilities;
- c) Continued research and development activities and coherent planning are essential for future observation systems;
- d) Continued cooperation and dialogue will establish GEOSS as a powerful means to support informed decision making;
- e) Coordination at national, regional and global levels, continued investments, scientific and technological advances and innovative approaches to financing will be vital for upgrading and expanding Earth observations and building the capacity of individuals, institutions and systems, particularly in developing countries;



Cape Town Declaration (2/2)

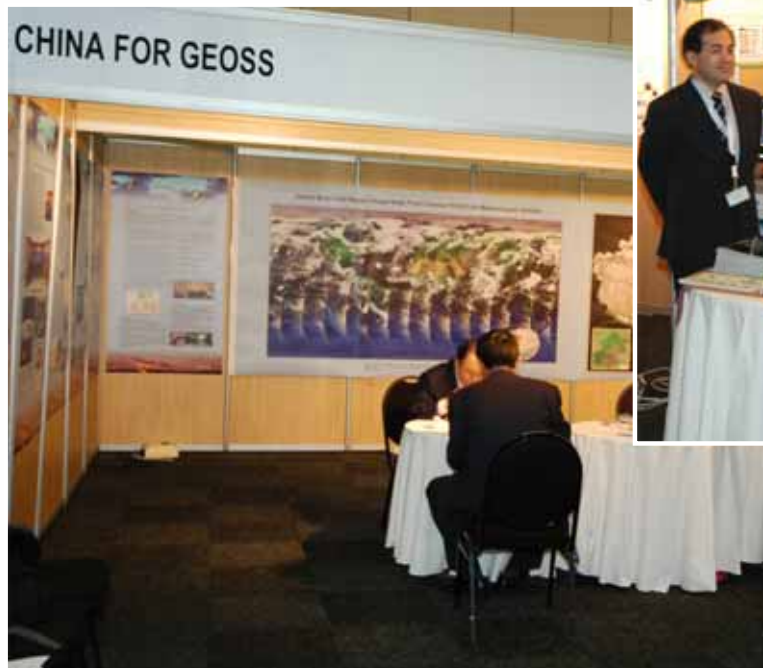
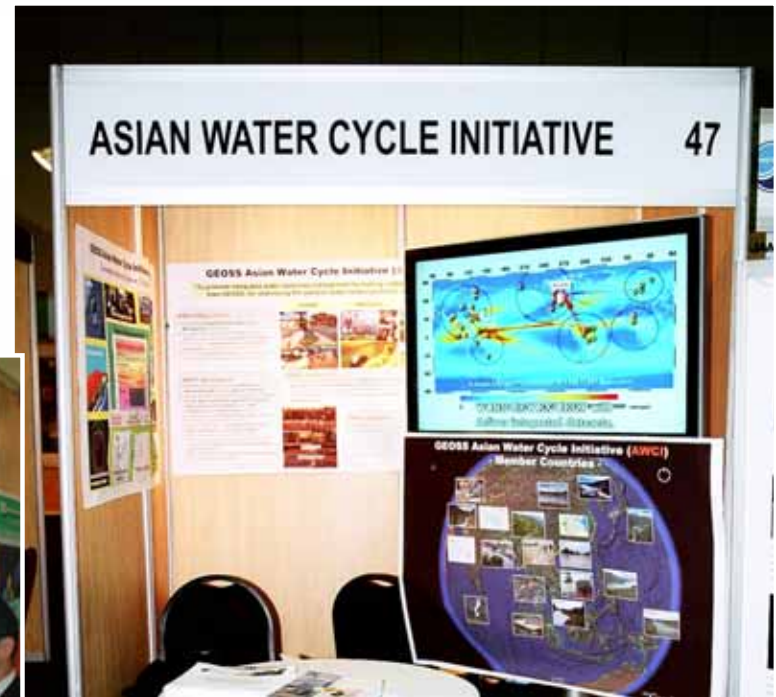
We support the establishment of a process with the objective to reach a consensus on the implementation of the Data Sharing Principles for GEOSS to be presented to the next GEO Ministerial Summit. The success of GEOSS will depend on a commitment by all GEO partners to work together to ensure timely, global and open access to data and products;

We commit ourselves to working together to improve the interoperability of and access to observation and associated prediction and information systems towards the continued strengthening of GEOSS and the full realisation of the 10-Year Implementation Plan;

We resolve to meet again before the end of 2010 to review progress, conduct a mid-term assessment and give further guidance on the implementation of GEOSS.



Exhibition





Exhibition

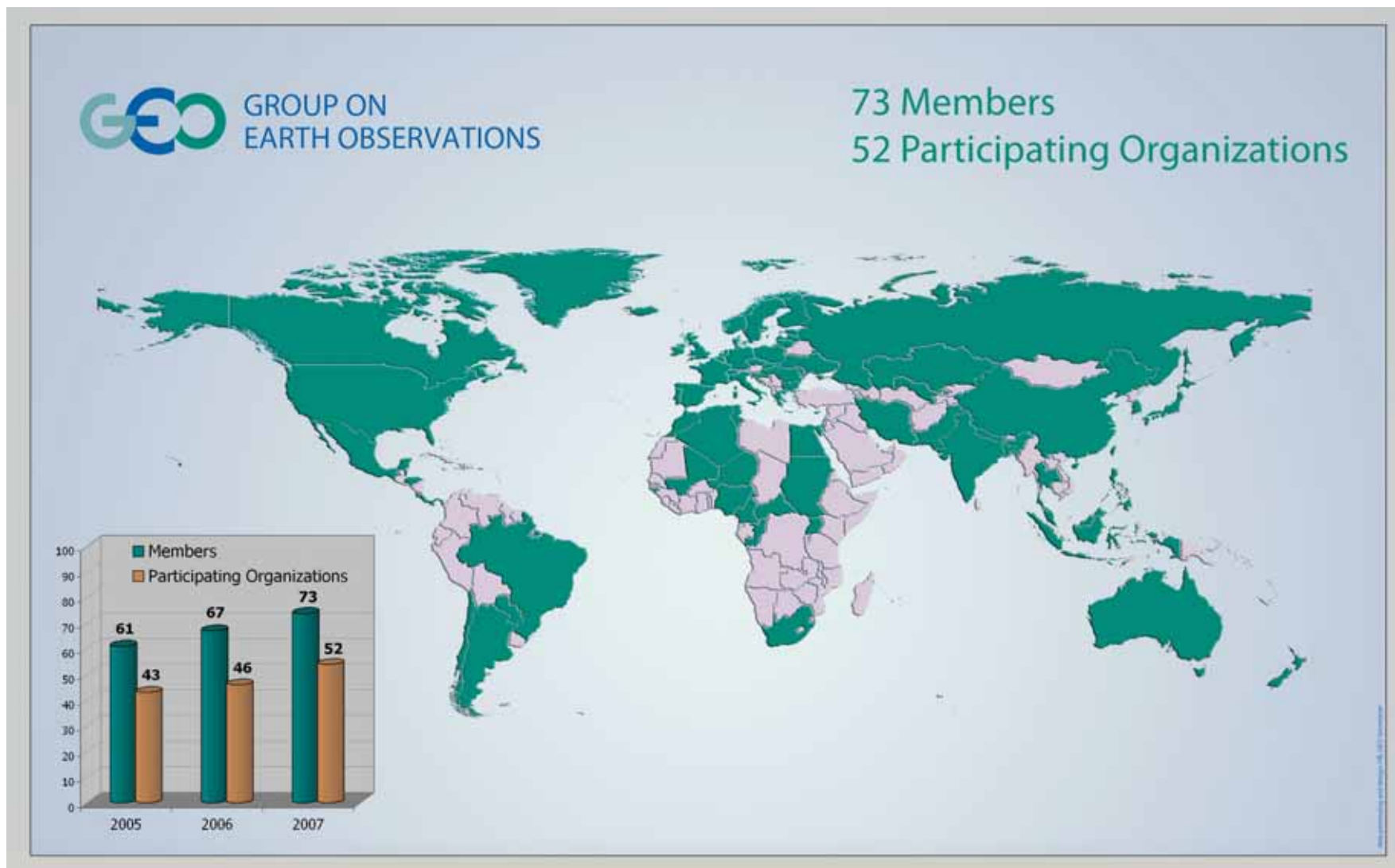


The Wall





Members & Participating Organizations



ありがとう!

Thank You!

