

# GEO's role in supporting policy implementation

19 Sep 2017, 10<sup>th</sup> GEOSS Asia-Pacific Symposium, Hanoi  
*André Obregón, GEO Secretariat*

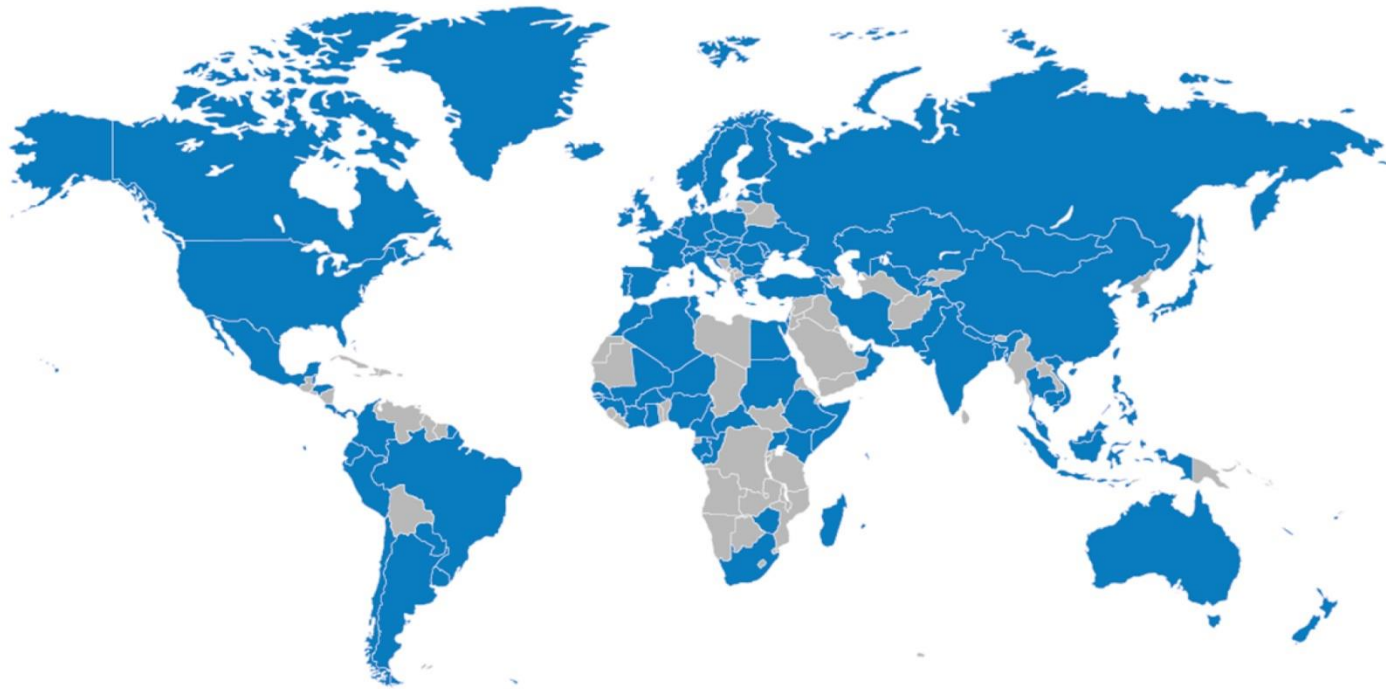
# GEO in Numbers

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# Group on Earth Observations

## Member Countries



Africa: **27** - Asia/Oceania - **21**, Europe: **34** - C.I.S.: **7** - Americas: **16**

**Total: 105**

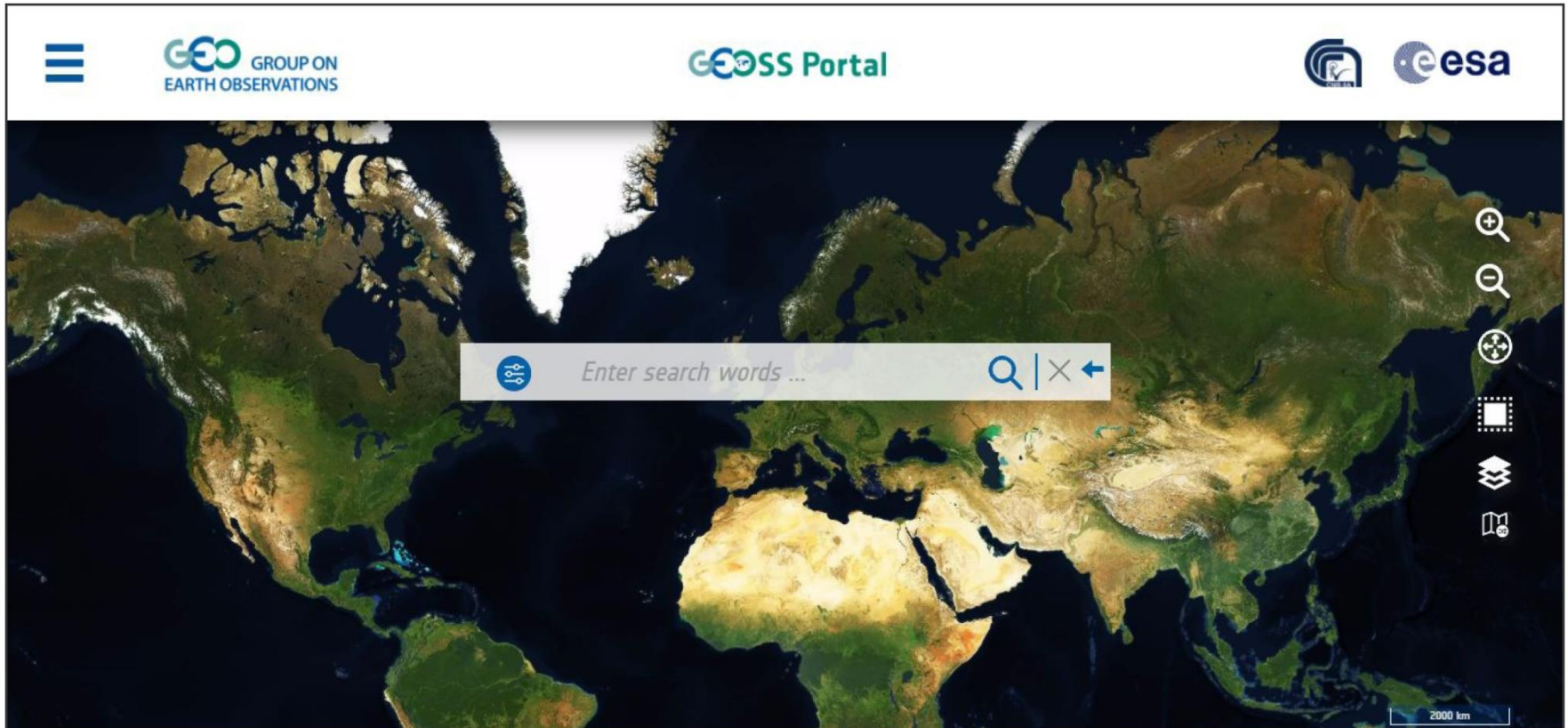
# Group on Earth Observations

## 115 Participating Organizations



# GEOSS

## Global Earth Observation System of Systems



[www.geoportal.org](http://www.geoportal.org)

# Societal Benefit Areas

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**GEO works across 8 Societal Benefit Areas (SBAs)  
to find solutions for global challenges.**

Climate change and its impacts cut across all SBAs.



Biodiversity and  
Ecosystem Sustainability



Disaster Resilience



Energy and Mineral  
Resources Management



Food Security and  
Sustainable Agriculture



Infrastructure and  
Transport Management



Public Health  
Surveillance



Sustainable  
Urban Development



Water Resources  
Management

# Group on Earth Observations

## Our priorities

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### What are GEO's priorities?

GEO's global priorities include supporting the UN 2030 Agenda for Sustainable Development, the Paris Agreement on Climate Change, and the Sendai Framework for Disaster Risk Reduction.



# Climate Change

## Responding to the Paris Agreement



PARIS2015  
UN CLIMATE CHANGE CONFERENCE  
COP21·CMP11

### Article 4 and Article 13 – National Reporting

- Reported five-yearly by parties, successive reductions in emissions
- Using existing methods and guidance; not validation

### Article 5 Mitigation

- Knowledge of evolution of sinks and sources

### Article 7 Adaptation

- (7.6) Strengthening cooperation,
- (7.7c) Research, systematic observation

### Article 10 Technology Transfer & Article 11 Capacity Development

### Article 14 Global stocktaking

- in the light of equity and the best available science: 2023, 2028...

### Article 15 Compliance

**GEO PB Action (Aug 2017):**  
Organise a workshop on the EO  
response to the Paris Agreement



# Engagement with UNFCCC

## Participation in COP and SBSTA sessions

### UNFCCC COP-22 Earth Info Day, 10 Nov 2016, Marrakech

- Talk: „The GEO Carbon and GHG Initiative – Integration across domains“
- Poster: “GEO’s efforts in support of the Paris Agreement“

### UNFCCC SBSTA-46, Research Dialogue, 10 May 2017, Bonn

- GEO Statement
- Poster presentation
- Contribution to Information Note (GEO listed as Key Partner)



# GEO Side Event at COP-23

## Current status

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- UNFCCC IPC (Sep 2016) endorsed GEO to have independent eligibility to apply for side events and exhibits at future UNFCCC sessions
- ExCom Action 39.9: Secretariat to work with key partners (e.g. UNFCCC, IPCC, CEOS, GCOS, ICOS, etc.) to design a Side-Event at COP-23
- Side Event application submitted to UNFCCC in August 2017 after consultation process with key partners
- Application merged with RESTEC and OSS
- Topics include GEO response to GCOS and role in Refinement of IPCC Guidelines



# GEO Carbon and GHG Initiative

## Path forward

### Kick-Off Meeting, 6-7 July 2017, Rome *Outcomes (Outgrowths)*

- Set up a **Steering and Advisory Board** to ensure senior-level leadership
- Establish a **Secretariat** to coordinate technical implementation
- Draft a **White Paper** to get the broad buy-in
- Develop **Showcases** to demonstrate added value





GROUP ON EARTH OBSERVATIONS

**INSIGHT FOR A  
CHANGING WORLD**

**GEO WEEK 2017**  
23-27 OCTOBER 2017



**GEO-C Side Event:**  
with input from the Asia-  
Pacific Symposium

# Thank You

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Communicate and Collaborate with GEO:

