The GEO Carbon and GHG Initiative

Coordinating efforts to achieve maximum efficiency

The GEO Carbon and GHG Initiative (GEO-C) is a global endeavour to promote interoperability and foster integration in the sector of greenhouse gas measurements.

The final users, in addition to the scientific community, are countries and decision-makers that can benefit from the improved information flow, and use it to design efficient climate change policies.

In line with the Paris Agreement

All activities and deliverables of the GEO-C Initiative are aligned and adapted to address the global climate policy agenda, and particularly to contribute to the successful implementation of the Paris Agreement.

A global observation system based on cooperation

GEO-C aims to:

• Facilitate cooperation in order to develop a coordinated system of observations across domains;
• Evaluate changes in the carbon and other cycles;
• Understand GHG emissions as they relate to human activities and climate change; and,
• Provide decision-makers with timely and reliable policy-relevant information.

GEO-C builds on existing initiatives and networks to support their continuity and coherence and facilitate their cooperation and interoperability, in order to obtain a comprehensive, globally coordinated carbon and greenhouse gas observation and analysis system.