



Project:  
**GEOCARBON**

Project full title:  
***Operational Global Carbon Observing System***

European Commission - FP7  
Collaborative Project (large scale integrating project) - for specific  
cooperation actions (SICA) dedicated to international cooperation partner countries  
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## **1. Introduction**

### *1.1 Short summary*

Two big international conferences have been planned during the GEOCARBON lifespan, as described in the DoW. The first one is the international Conference "Towards a Global Carbon Observing System: Progresses and Challenges", that will be organized in Geneva in October 2013 (1-2 October 2013). It will be coupled to the GEO CL-02 Task meeting "Global Carbon Observation and Analysis" (3-4 October 2013). The organization of the two 'GEO & Carbon cycle' related events has started in autumn 2012. The registration page is open and available at the following link:

[http://www.geocarbon.net/index.php?option=com\\_content&view=category&layout=blog&id=39&Itemid=188](http://www.geocarbon.net/index.php?option=com_content&view=category&layout=blog&id=39&Itemid=188)

### *1.2 Rationale for this deliverable*

Expected outcomes of both the conference Towards a Global Carbon Observing System: Progresses and Challenges" and the GEO CL-02 Task meeting "Global Carbon Observation and Analysis":

- More coordinated activities
- Agree on some integrated result/product to be delivered by 2015
- Short declaration and list of recommendations for the GEO Ministerial Summit

The conference should be a showcase about the potentialities of the global collaboration in the frame of GEO. The conference should be open to the global community working on carbon cycle monitoring, from scientists and data providers to potential users and stakeholders, including EC and GEO. The aim is to present recent results and achievements in observing and modelling C-cycle and GHG, at any level: research, monitoring, methodology, policy, infrastructure, etc. The organization of the conference is led by GEOCARBON. From the GEOCARBON perspective we will present the GEOCARBON work and see other C-monitoring efforts to promote global collaboration in the frame of GEO and contributing to GEOSS. The conference Scientific Committee is composed by GEOCARBON PIs and will be in charge of selecting abstract for talks and posters.

This is the Proposed draft agenda:

### Tuesday 1<sup>st</sup> of October 2013

#### *Morning (invited talks)*

- 1- Welcomes by GEO Secretariat Director (B. Ryan)
- 2- Welcomes by the GEOCARBON Project (R. Valentini)
- 3- Global C-budget
- 4- Carbon in tropics
- 5- Global CH<sub>4</sub> cycle
- 6- IPCC
- 7- Launch of the CEOS Carbon Strategy

#### *Afternoon*

##### Parallel session 1: Tropical C-budget and hotspots

- Invited talk on the GEO Global Forest Observation Initiative
- Up to 9 other talks (20 minutes each)

##### Parallel session 2: Observations from space

- Invited talk (to be decided by the chairs)
- Up to 9 other talks (20 minutes each)

### Wednesday 2<sup>nd</sup> of October 2013

#### *Morning*

##### Parallel Session 3: In situ observations

- Invited talk (to be decided by the chairs)
- Up to 9 other talks (20 minutes each)

##### Parallel Session 4: Global CH<sub>4</sub> cycle

- Invited talk (to be decided by the chairs)
- Up to 9 other talks (20 minutes each)

#### *Afternoon*

##### Parallel Session 5: Model data fusion at global and regional scale

- Invited talk (to be decided by the chairs)
- Up to 9 other talks (20 minutes each)

#### Parallel Session 6: Carbon and policy

- Invited talk on the requirements for an operational C-cycle global observation system
- Up to 9 other talks (20 minutes each)

Each parallel session should last 3.5 net hrs (excluding coffee break) and will include one 30-minutes (20 minutes + 10 minutes of questions) invited talk (to be defined by the session's chair) plus up to nine selected presentations (15 minutes + 5 minutes of questions, each).

All the presentations will be then proposed for a Special Issue in an international peer reviewed journal, like Biogeosciences.

The aims of the GEO CL-02 meeting are: better know each other (the partner contributing to the CL-02 task); consolidate and enlarge the GEO community contributing to this task; improve the global coordination; ensure commitment; plan the next activities; establish the new GEO Carbon Community of Practice. The meeting will be the occasion to revamp the work of the CL-02 contributors and the GEO Carbon Community of Practice. Presence of at least one representative per CMPs is required.

#### *1.3 Problems encountered and envisaged solutions*

Both the conference "Towards a Global Carbon Observing System: Progresses and Challenges" and the GEO CL-02 Task meeting "Global Carbon Observation and Analysis" were originally planned for March 2013 (month 18), but we had to postpone them because of the conflict with other big events organized in Geneva, and the related problems in booking hotels and flights.