



Greenhouse gas management
in European land use systems

FP7 Project GHG-Europe
Grant agreement No 244122

Deliverable D7.3			
Title	Prototype of the database system (Database structure ready with an example of each dataset type)		
Delivery date from Annex I (project month)	12		
Actual delivery date	10/06/2011 (month 18)		
Lead participant	WP	Nature	Dissemination level
UNITUS (6)	7	R	RE

Deliverable description

The database prototype is available at <http://gaia.agraria.unitus.it/database/ghg-europe>

A new web address was already bought (<http://www.europe-fluxdata.eu/ghg-europe>) that is however not yet available.

The database is organised in 4 main sections:

1. *Sites*: it presents the list of intensive sites, where eddy covariance and other ecological measurements are taken. The list includes the main characteristics (exportable in csv) and a map.
2. *Guidelines*: it is a group of pages that give instructions to data users and data providers about data upload and download. There are the description of the new variables naming system developed to improve quality and quantify the uncertainty in the measurements (Guidelines: How to submit data), the information needed to access the data (Guidelines: Obtaining data) and the data policy text developed in the context of WP7.
3. *Data*: this is the database section where it is possible to download data. It is divided in 2 main sections, 1 for the ecosystem data (eddy covariance measurements, ancillary data, chamber measurements) and 1 for spatial data.
Ecosystem data: it is possible to download data with different processing levels (Level2 to Level4) in a standard format and also ancillary data associated with the site.
Spatial data (regions): the 6 regions participating in the project are data rich also in terms of spatial data (maps). The synthesis of the data characteristics (resolution, time range, description) is presented in tables with a link to access the data.
4. *PI area*: the PI area is the section where the data owners and data providers can upload their measurements, check the list of accesses to the different datasets and manage the site characteristics, site collaborators and data policy to be applied.

Currently most of the data types produced in the project are present in the database and are available to the users.