

BIDCARBON™

*The Supplement—for Pyrogenic  
Carbon Capture and Storage in  
Agricultural Systems*

# Contents

## Part A - Mapping carbon estimation areas, exclusion areas and emissions accounting areas

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# Part A - Mapping carbon estimation areas, exclusion areas and emissions accounting areas

The requirements of Part A are used to guide the operation of a project. Under section 5 of Schedule 1 of the Methodology, the mapping of each carbon estimation area, exclusion area or emissions accounting area must be carried out in accordance with this Supplement.

## Requirements

1. It is a requirement that geospatial maps are provided to the Working Body with the following features (in the following circumstances) clearly identified, for the purposes of subparagraph 74. (1)(c) of the Methodology:
  - (a) Each carbon estimation area in the project (provided with every offsets report);
  - (b) Each exclusion area in the project (provided with every offsets report);
  - (c) Each emissions accounting area in the project (provided with every offsets report);
  - (d) Strata boundaries must be provided to the Working Body with every offsets report during the reporting period.
2. It is a requirement that project proponents use one or more of the following sources of data to delineate the boundaries of carbon estimation areas, exclusion areas and emissions accounting areas:
  - (a) **Navigation Satellite System (NSS):**
    - (i) Differential Global Navigation Satellite System (GNSS);
    - (ii) Galileo Navigation Satellite System;
    - (iii) BeiDou Navigation Satellite System;
  - (b) Field surveys and sampling;
  - (c) Orthorectified aerial photographs;
  - (d) Orthorectified satellite imagery;
  - (e) Cadastral databases.
3. It is a requirement to provide spatial data that has a horizontal accuracy of at least 10 meters at 95 per cent threshold in accordance with the BidCarbon Map and Spatial Data Accuracy Standard.
4. It is a requirement that carbon estimation area boundaries are delineated with a maximum resolution of  $\pm$  four meters. For clarity, a resolution as small as possible is preferable and must not exceed  $\pm$  four meters.
5. carbon estimation area boundaries must not be changed in such a way as to result in the change in boundaries of any strata.
6. It is a requirement that if carbon estimation area boundaries are changed, they are not changed in such a way as to result in carbon estimation areas with less than three sampling strata for any sampling round for which samples have been allocated under [Section 2.0](#) of this [Part B](#).
7. It is a requirement that, if part of a project area is removed from a project, and that action removes part of a carbon estimation area that has been established through a baseline sampling event, then the removal may occur if the carbon estimation area is not subject to permanence obligations (i.e. the carbon estimation area has not been issued BidCarbon data units) and the Working Body is satisfied that the removal does not result in the crediting of non-genuine carbon abatement.

**Note :** Removing parts of a project area that removes part of a carbon estimation area is permitted through Schedule 1, subsection 1.(4) of the Methodology.

## Recommendations

1. It is recommended that project proponents assess the appropriateness of the dataset(s) (used for [Requirement 3](#) of this Part) against the following criteria:
  - (a) Age of spatial information;
  - (b) Scale;
  - (c) Resolution;
  - (d) Accuracy;
  - (e) Classification, aggregation, generalisation systems;
  - (f) Integrity of dataset.