

Dear reader,

Earlier today we published final version 4a of the BioGrace-II GHG calculation tool on [this web page](#). As compared to the draft version 4 (which was published last September), a number of small corrections were made in the BioGrace methodological background document. These corrections could be made after the European Commission published a corrigendum to the RED-II (see [this web page](#)). The other documents that form part of version 4a were not changed other than changing the version number from "version 4 – draft" into "version 4a".

No changes or updates were made as a result of comments or suggestions from users of the tool. Such comments or suggestions are most welcome for making improvements, please contact us via info@biograce.net.

The current version of the tool is "version 4a" as we expect that some further updates will be made in the course of 2021, resulting in a "version 4b" and possibly also in a "version 4c". The further updates will be based on the following relevant documents to be published by the European Commission in the course of 2021:

- **Update guidelines** for the calculation of land carbon stocks (as required by RED-II Annex V.C.10, by 31 December 2020)
- **Implementing acts** establishing the operational guidance on the evidence for demonstrating compliance with the criteria laid down in paragraphs 6 and 7 of RED-II article 29.8 (by 31 January 2021).
- A number of **other delegated acts** (for instance as referred to in RED-II articles 25.2, 27.3 and 28.5) that might be of relevance for (some elements of) bio-energy GHG emission calculations.

The current version 4a does not include an updated version of the list of additional standard calculation values. We expect the delegated act on the methodology for assessing greenhouse gas emissions savings from renewable liquid and gaseous transport fuels of non-biological origin and from recycled carbon fuels (RED-II article 28.5) to contain GHG emission intensities for electricity taken from the grid in EU member states. As this is relevant input for the list of additional standard calculation values, we will add an update of that list to the tool after this delegated act has been published.

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This message is on the BioGrace-**II** GHG calculation tool on electricity, heat and cooling from biomass. The BioGrace-**I** GHG calculation tool on biofuels for transport is not yet being updated as (so far) there are no funds for doing so.

With kind regards,

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