

Request number	Standard	Section	Chapter	Currently valid text	Change request received Date	Typ of change	Request submitted by	request content	Status of request	Proposal of Scientific Committee
1	Global Artisan C-Sink version 2.1A (also relevant for Global Biochar C-Sink)	14	2	The standard refers to absolute global warming potential (AGWP) in "tons aCO ₂ e". However, AGWP is NOT measured in "tons aCO ₂ e"; as an absolute value it is explicitly NOT referring to CO ₂ , but directly derived from the integral of radiative forcing (RF). Only GWP is measured in CO ₂ e! GWP is calculated as AGWP of a specific greenhouse gas divided by the AGWP of CO ₂ . Also, using AGWP, a metric that is not very well known in the LCA community, instead of GWP and using AGWP and GWP in the certificate results tables side-by-side is extremely confusing. This issue also affects the GBCS 3.1 standard. Absolute global warming potential is mentioned in GBCS 3.1 but there is no definition how it should be determined. AGWP is also shown on GBCS certificates with the wrong unit, which is a major issue.	11/03/2025		Carbuna AG, Benedikt Zimmermann	AGWP should be completely replaced by GWP20 (or GWP100) for the purpose of showing methane emission effects. GWP20 and GWP100 are set by the IPCC, on basis of AGWP and already include the dynamic characteristics of methane emissions so there is no complicated calculation necessary to determine the value. It is also well known in the LCA community and can be shown side by side with the other GWP-values on a certificate without causing confusion.	Request forwarded to Scientific Committee to assess integration into GACS and GBCS methodologies.	