

Biochar Production and Storage Protocol v1.2

Public Consultation Summary

Published on 14 November 2025

Context

Isometric held a public consultation on its Biochar Production and Storage Protocol v1.2 to receive stakeholder input on this Protocol.

The public consultation was announced on the 10th October, 2025. The period of consultation lasted 30 days, with the final day as the 10th November 2025.

After the public consultation, the feedback received was considered for incorporation into the Protocol. This document summarizes the feedback received during the public consultation by theme and the revisions included as a result of the comments.

We thank all participants for their time and input.

Summary of feedback received

Section	Comment	Resolution
Reversal Measurement	Requested clarification on what constitutes a modeled result versus directly observable measurement for biochar storage reversal.	[Changed]: Clarified that biochar quantification is performed ex-ante, so the answer to reversal being directly observable would be no for biochar projects.
Venting Requirements	Suggested adding a timeframe for projects to reduce venting and transition to alternative emission reduction routes.	[Changed]: Added requirement that projects shall aim to reduce venting within 12 months and transition to available alternative routes to reduce atmospheric emissions.
Temperature Monitoring	Questioned whether $\pm 10\%$ variation in flue stack temperature during operations was too broad, suggesting $\pm 5\%$ would be sufficient.	[Changed]: Clarified this refers to pyrolysis temperature (not flue gas temperature), which does not require continuous monitoring. The $\pm 10\%$ tolerance remains.
Production Process Changes	Requested clearer definition of 'significant changes' to production process, with examples like temperature or residence time changes.	[Changed]: Clarified wording to define production process changes matching Section 8.3.1, including changes in feedstock or pyrolysis conditions.

Unsampled Batch Estimation	Suggested coupling conservative estimation with digital MRV reporting of process parameters to ensure process stability.	[Changed]: Added text requiring samples to be from demonstrably stable production processes, evidenced by consistent temperatures and residence times.
Site Visit Requirements	Questioned cases where site visits could be replaced with photo/video evidence, suggesting site visits should be mandatory.	[Changed]: Agreed and removed the alternative arrangements language. Site visits are now mandatory.
Pressure Vessel Standards	Noted many common reactor types operate near atmospheric pressure and shouldn't require pressure vessel compliance. Suggested limiting to high-pressure systems only.	[Changed]: Clarified that compliance is required only for high pressure systems (>0.5 Bar above ambient pressure).
Leakage Testing Options	Noted that Section 10 lists 3 options but only includes 2 in the documentation.	[Changed]: Added all three leakage testing methods to the documentation.