

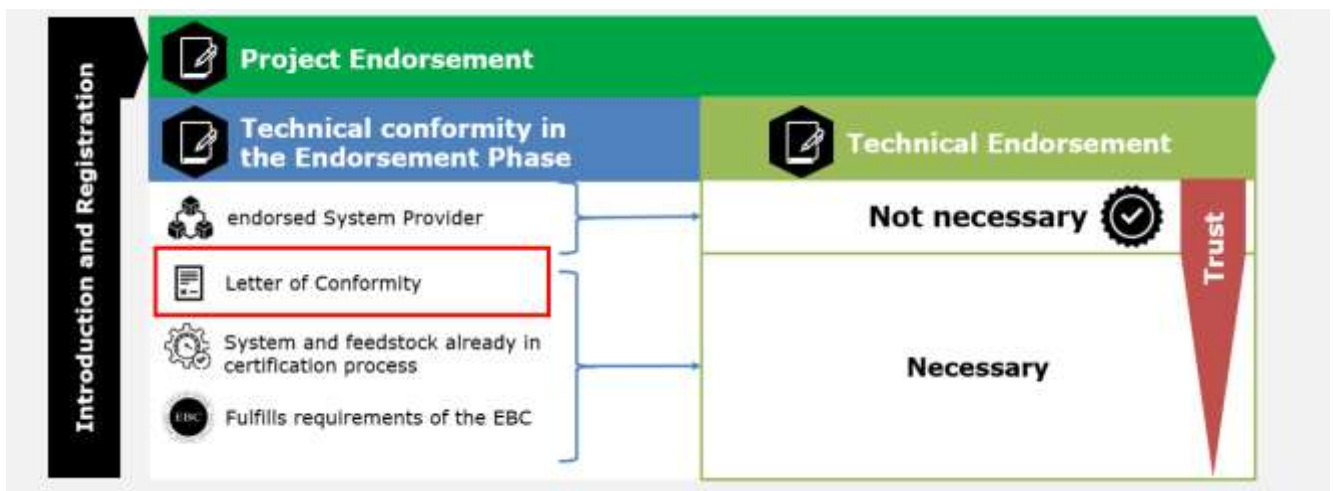
EBC/WBC -Letter of Conformity for System Providers

Preamble

System Providers which have no system in the EBC/WBC certification process yet and plan to market their Systems as EBC/WBC conform prior to the official system provider endorsement can request a Letter of Conformity (LoC) with Carbon Standards International AG (CSI). The approach to access this is described in this document.

The LoC is a basic document issued by CSI which is valid for a period of two years. The LoC can be used by the System Provider to market its systems as EBC/WBC conform. The LoC has no influence on the technical evaluation during the certification process (please see picture below).

With three or more units from the same system in the EBC/WBC certification process the system provider can apply for System Provider endorsement and profit from all benefits of it (e.g. skip the technical endorsement).



1. Process

Step	Description	Responsible party
1	The System Provider must book an introduction call for EBC or WBC so that the CSI staff can get first information and insights. Further the System Provider can get deeper understanding of the process and can ask questions. The introduction call can be booked on request via this link .	System Provider
2	After the introduction call, the System Provider registers for the LoC. Registration can be done through this link . In addition, an NDA can be signed if wished.	CSI/System provider
3	The System Provider receives an invoice for pre-payment from the backoffice of CSI.	CSI
4	After the payment is received, the customer is approached by a CSI staff member for further instructions.	CSI/System Provider
5	The System Provider gathers all documentation necessary for the technical evaluation (company description, production unit flow chart, sampling plan, preliminary analysis result).	System Provider
6	After approval of the sampling plan the System Provider must produce biochar and take a representative sample. The sample must be sent to an endorsed laboratory .	System Provider
7	After reception of the sample analysis CSI conducts a digital technical evaluation together with the System Provider. In the technical evaluation, CSI will review the pyrolysis technology against the specifications in the guidelines and, if necessary, offer advice on improving the biochar production process.	CSI/System Provider
8	Depending on the analysis report and the threshold values for different certification classes CSI will issue the LoC. If the biochar doesn't meet the threshold for any of the certification classes, the System Provider will be advised to conduct improvements on the production unit and repeat the procedure.	CSI/System Provider
9	Upon successful completion, the System Provider will receive the LoC with which he can proof conformity according to the EBC/WBC criteria.	CSI

2. EBC/WBC conformity criteria

Number	Criteria	Description	Criteria fulfilled?
1	Technology	The technology is a pyrolysis or gasification technology according to chapter 2 of the EBC guidelines.	Yes / no
2	Sample analysis	Meets threshold values for certification classes	Yes / no
3	Sustainable biomass	The biomass meets criteria from the EBC biomass positive list or WBC biomass positive list .	Yes / no
4	Energy efficiency	The pyrolysis unit must be designed in such a way that it can meet the energy efficiency requirements.	Yes / no
5	Emissions	Emissions (CO, NO _x , SO _x , particulate matter) are in line with national regulations.	Yes / no

If at least one criterion is not fulfilled, the LoC cannot be issued.