

Emissions Unit Programme Registry Attestation

(Version 3, January 2023)

PART A. Applicability and Instructions

1. Relevance and definitions:

1.1. These terms are relevant to emissions unit programmes and their designated registries:

1.1.1. **CORSIA Eligible Emissions Unit Programme:** emissions unit programme approved by the ICAO Council as eligible to supply emissions units under the CORSIA.

1.1.2. **CORSIA Eligible Emissions Unit Programme-designated registry:** registry designated by a CORSIA Eligible Emissions Unit Programme to provide its registry services and approved by the ICAO Council as reflected in the programme's listing contained in the ICAO Document titled "*CORSIA Eligible Emissions Units*".

1.1.3. **Material change:** any update to the procedures of an emissions unit programme or its designated registry that would alter the functions that are addressed in the Emissions Unit Criteria (EUC), related guidelines, or the contents of this attestation. This includes changes that would alter responses to questions in the application form that the programme has submitted to the ICAO Secretariat or contradict the confirmation of the registry's adherence to the requirements contained in this attestation.

1.1.4. **Cancel:** the permanent removal and single use of a CORSIA Eligible Emissions Unit within a CORSIA Eligible Emissions Unit Programme designated registry such that the same emissions unit may not be used more than once. This is sometimes also referred to as "retirement", "cancelled", "cancelling" or "cancellation".

1.1.5. **Business day:** defined by the CORSIA Eligible Emissions Unit Programme registry when responding to formal instruction from a duly authorized representative of the owner of an account capable of holding and cancelling CORSIA Eligible Emission Units.

1.2. References to "Annex 16, Volume IV" throughout this document refer to Annex 16 to the Convention on International Civil Aviation — *Environmental Protection*, Volume IV — *Carbon Offsetting and reduction Scheme for International Aviation (CORSIA)*, containing the Standards and Recommended Practices (SARPs) for CORSIA implementation. Reference to "ETM, Volume IV" throughout this document refer to Environmental Technical Manual (Doc 9501), Volume IV — *Procedures for demonstrating compliance with the Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA)*, containing the guidance on the process to implement CORSIA SARPs.

2. Programme - registry relationship:

2.1. The ICAO Council's Technical Advisory Body (TAB) conducts its assessment of emissions unit programme eligibility including an assessment of the programme's provisions and procedures governing the programme registry, as represented by the programme. The ICAO Council determines CORSIA eligible emissions units upon recommendations by TAB and

consistent with the EUC. The programme registry is not separately or independently considered throughout this process. The TAB may periodically review and report to the ICAO Council regarding the continued consistency of programme's registry and its administration with terms contained in this document's Part B.

- 2.2.** The provision of registry services under the CORSIA by a CORSIA Eligible Emissions Unit Programme registry is fully subject to the terms, conditions and limitations to the programme's scope of eligibility. Such terms include, *inter alia*, the programme's commitment to administer any and all provisions and procedures governing the programme registry in the manner represented by the programme in the application form and additional information provided to TAB during the assessment process.
 - 2.3.** A CORSIA Eligible Emissions Unit Programme registry can provide registry services to aeroplane operators prior to the programme's and programme registry's demonstration of the registry's consistency with the registry requirements contained in this attestation. However, the programme registry can only claim to support and can only provide for aeroplane operators to fulfill the provisions in Annex 16, Volume IV and ETM, Volume IV involving emissions unit cancellation-, reporting-, and verification-related actions after its consistency with the registry requirements contained in this attestation is demonstrated by the programme in accordance with Part A, Paragraph 3 of this document, and the signed attestation is published on the CORSIA website in addition to the ICAO document "*CORSIA Eligible Emissions Units*".
- 3.** Submitting an "*Emissions Unit Programme Registry Attestation*":
- 3.1.** Both the administrator or authorized representative ("Programme Representative") of an emissions unit programme ("Programme"), and the administrator or authorized representative ("Registry Representative") of the registry designated by the Programme ("Programme Registry") will review and attest to their acceptance (as signed in Section 8 of this attestation) of all terms contained herein.
 - 3.2.** The Programme will electronically submit to the ICAO Secretariat a unique, dual-signed attestation for each and every Programme Registry that will provide its registry services to the Programme under the CORSIA:

 - 3.2.1.** If the Programme is determined to be eligible by a decision of the ICAO Council taken in 2020, the Programme will submit the signed attestation(s) to the ICAO Secretariat no later than one year after the Programme is determined to be eligible by the ICAO Council.
 - 3.2.2.** From 2021, the Programme should submit the signed attestation(s) to the ICAO Secretariat at the time of applying for assessment by the TAB. If the Programme is determined to be eligible by a decision of the ICAO Council after 31 December 2020, the Programme will submit the signed attestation(s) to the ICAO Secretariat no later than 180 days after the Programme is determined to be eligible by the ICAO Council.
 - 3.3.** As soon as possible upon receiving a signed attestation from the Programme, the ICAO Secretariat will:

3.3.1.Forward the signed attestation to the TAB; and

3.3.2.If the Programme is determined to be eligible by a decision of the ICAO Council, publicly post the signed attestation on the CORSIA website in addition to the ICAO document “*CORSIA Eligible Emissions Units*”.

PART B: Emissions Unit Programme Registry Attestation

4. Programme application materials. As the Registry Representative, I certify items 4.1 to 4.4:

4.1. I have read and fully comprehend the following information:

4.1.1.The instructions and terms of this attestation;

4.1.2.The contents of the ICAO document “*CORSIA Emissions Unit Eligibility Criteria*”;

4.1.3.The contents of the most recent version of the application form that the Programme has provided to the ICAO Secretariat; and

4.1.4.The terms, conditions and limitations to the Programme’s scope of eligibility and further action(s) requested to the Programme by the ICAO Council, as presented to the Programme upon relevant decision of the ICAO Council on the Programme’s eligibility¹ for the 2024-2026 compliance period (First Phase).

4.2. The Programme’s representation of its provisions and procedures governing the Programme Registry, and of Programme Registry functionality, as contained in the most recent version of the application form that the Programme has provided to the ICAO Secretariat, is true, accurate, and complete, to the best of my knowledge;

4.3. The Programme Registry will notify the Programme of any material changes to the Programme Registry, to enable the Programme to maintain consistency with relevant criteria and guidelines throughout its assessment by TAB and up to an eligibility decision by the ICAO Council; and, if applicable, continuing on from the effective date of an affirmative eligibility decision by the ICAO Council, the Programme Registry will notify the Programme of any material changes to the Programme Registry, such that the Programme can maintain consistency with relevant criteria and guidelines;

4.4. The Programme Registry and Registry Representative will not publicly disseminate, communicate, or otherwise disclose the nature, content, or status of communications between the Programme, the Programme Registry, and/or the ICAO Secretariat, related to the status of the Programme’s provision of programme and registry services under the CORSIA, unless the Programme has received prior notice from the ICAO Secretariat that such information has been and/or can be publicly disclosed.

5. Scope of Programme responsibilities under the CORSIA. As the Registry Representative, I acknowledge items 5.1 to 5.2:

5.1. The scope of the Programme assessment by the TAB, through which the TAB will develop recommendations on the list of eligible emissions unit programmes (and potentially project types) for use under the CORSIA, which will then be considered by the ICAO Council for an eligibility decision, including the Programme’s responsibilities throughout this process; and

¹ Only applicable when the Programme submits the signed “*Emissions Unit Programme Registry Attestation*” to the ICAO Secretariat after the Programme is determined to be eligible by a decision of the ICAO Council.

- 5.2. The scope and limitations of the ICAO Secretariat's responsibilities related to the assessment process.
6. **Programme - Registry relationship.** As the Registry Representative, I understand and accept items 6.1 to 6.2:
- 6.1. The Programme Registry's provision of registry services under the CORSIA is subject to the terms, conditions and limitations to the Programme's scope of eligibility, as presented to the Programme upon relevant decision of the ICAO Council on the Programme's eligibility; and
- 6.2. Only after the Programme and the ICAO Secretariat have completed all steps in Part A, Section 3 of this attestation, can the Programme Registry facilitate and identify emissions unit cancellations specifically for CORSIA use, and support any related reporting and verification activities. The Programme Registry will not promote itself as being capable of providing registry services for the described purpose until such time.
7. **Scope of Programme Registry responsibilities under the CORSIA.** As the Registry Representative, I certify items 7.1 to 7.12:
- 7.1. The Programme Registry is capable of fully meeting the objectives of any and all Programme provisions and procedures related to the Programme Registry that the Programme is required to have in place:
- 7.1.1. In the manner represented by the Programme in the application form that the Programme has provided to the ICAO Secretariat; and
- 7.1.2. As acknowledged by the Programme in the signed "Programme acceptance to terms of eligibility for inclusion in the ICAO document "*CORSIA Eligible Emissions Units*"².
- 7.2. The Programme Registry will not deny a CORSIA participant's request for a registry account solely on the basis of the country in which the requestor is headquartered or based;
- 7.3. The Programme Registry will identify (in the case of applicants to be assessed to determine their eligibility) / identifies (when the Programme is determined to be eligible by a decision of the ICAO Council) CORSIA Eligible Emissions Units as defined in the ICAO document "*CORSIA Eligible Emissions Units*"³. This will be/is done consistent with the capabilities described by the Programme in its communications with ICAO, and any further requirements decided by the ICAO Council for CORSIA Eligible Emissions Unit Programme-designated Registry.
- 7.4. The Programme Registry will, upon request of the CORSIA participant account holder or participant's designee, designate the participant's cancellation of emissions units for the purpose of reconciling offsetting requirements under the CORSIA, including by compliance cycle;

² Only applicable when the Programme submits the signed "*Emissions Unit Programme Registry Attestation*" to the ICAO Secretariat after the Programme is determined to be eligible by a decision of the ICAO Council.

³ As prescribed in the ICAO Document "*CORSIA Eligible Emissions Units*", the programme must provide for and implement its registry system to identify its CORSIA eligible emissions units as defined in the document.

- 7.5.** The Programme Registry will, within 1 – 3 business days of receipt of formal instruction from a duly authorized representative of the owner of an account capable of holding and cancelling CORSIA Eligible Emission Units within the registry, and barring system downtime that is scheduled in advance or beyond the control of the registry administrator, make visible on the Programme Registry’s public website the account owners cancellations of CORSIA Eligible Emission Units as instructed. Such cancellation information will include all fields that are specified for this purpose in Annex 16, Volume IV, and ETM, Volume IV;
- 7.6.** The Programme Registry will, upon request of the CORSIA participant account holder or participant’s designee, generate report(s) containing the information specified for this purpose in Annex 16, Volume IV, and ETM, Volume IV;
- 7.7.** The Programme Registry will maintain robust security practices that ensure the integrity of, and authenticated and secure access to, the registry data of CORSIA participant account holders or participants’ designees, and transaction events carried out by a user; and disclose documentation of such practices upon request. The Programme Registry will utilize appropriate method(s) to authenticate the identity of each user accessing an account; grant each user access only to the information and functions that a user is entitled to; and utilize appropriate method(s) to ensure that each event initiated by a user (i.e. transfer of units between accounts; cancellation/retirement of a unit, update of data, etc.) is an intentional transaction event confirmed by the user. Such security features will meet and be periodically updated in accordance with industry best practice;
- 7.8.** The Programme Registry will, upon identifying any breach of Programme Registry data security or integrity that affects a CORSIA participant account holder or participant’s designee, notify the CORSIA participant account holder or their designee, and notify the Programme, which will inform and engage with the ICAO Secretariat on the matter in the same manner as required for material deviations from the Programme’s application form;
- 7.9.** The Programme Registry will ensure the irreversibility of emissions unit cancellations and the designation of the purpose of emissions units cancellations, as per the requirements contained in Annex 16, Volume IV, and ETM, Volume IV. Without prejudice to the aforementioned, such requirement would not prevent a Programme Registry from utilizing secure, time-bound and auditable methods for correcting unintentional user-entry errors;
- 7.10.** The Programme Registry will ensure that all cancellation information on its website is presented in a user-friendly format; is available at no cost and with no credentials required; is capable of being searched based on data fields; and can be downloaded in a machine-readable format, e.g., .xlsx;
- 7.11.** The Programme Registry will retain documents and data relevant to CORSIA Eligible Emissions Units and cancellations on an ongoing basis and for at least three years beyond the end date of the latest compliance period in which the emissions unit programme is determined to be eligible; and consistent with the Programme’s long-term planning, including plans for possible dissolution;
- 7.12.** The Programme Registry will append a document to the end of the signed attestation describing how it will ensure its ability to implement the requirements of this document. This will include references to existing registry functionalities that already meet the

requirements of this document and/or description of business practices and procedures that ensure the Programme Registry's ability to implement the requirements in this document prior to identifying any emissions unit cancellations specifically for CORSIA use and supporting any related reporting and verification activities.

- 8. Accuracy and completeness of information.** The signatures below certify that the information provided is true and correct in all material respects on the date as of which such information is dated or certified and does not omit any material fact necessary in order to make such information not misleading. Representatives are duly authorized for official correspondence on behalf of their organization.



Programme Representative Signature

Divaldo Rezende
Programme Representative Name



Registry Representative Signature

Michael Davies
Registry Representative Name

SOCIALCARBON Standard
Programme Name

Wilder Earth Registry
Registry Name

Date: 05/02/2024

Date: 05/02/2024

Instructions for Registry Representative: Please append a document on the next page of this attestation describing your Registry's ability to implement the requirements of this document, including references to existing registry functionalities that meet the requirements of this document and/or description of business practices and procedures that ensure the Programme Registry's ability to implement the requirements of this document prior to identifying any emissions unit cancellations specifically for CORSIA use and supporting any related reporting and verification activities.

ATTACHMENT A: PROGRAMME REGISTRY ATTESTATION DISCLOSURE FORM

PART 1: INSTRUCTIONS FOR REGISTRY REPRESENTATIVE

The following information request corresponds to the registry representative's certification of its adherence to items 7.1 to 7.11 of the *Emissions Unit Programme Registry Attestation* "Scope of Programme Registry responsibilities under the CORSIA".

In accordance with item 7.12 of the *Emissions Unit Programme Registry Attestation*, registry administrators are to complete and append this form to the signed *Attestation* describing how the Registry will ensure its ability to implement the requirements of the *Attestation*. This includes references to existing registry functionalities that already meet the requirements of the *Attestation* and/or descriptions of business practices and procedures that ensure the Programme Registry's ability to implement the requirements in the *Attestation*.

For further guidance regarding the format and approaches for providing summary information and evidence of system functionalities and/or procedures in this form, refer to instructions for "**Form Completion**" in the *Application Form for Emissions Unit Programmes*⁴.

PART 2: PROGRAMME AND REGISTRY REPRESENTATIVE INFORMATION

1. Programme Representative Information

A. Programme Information

Programme name: [SOCIALCARBON Standard](#)

Administering Organization⁵: [Social Carbon Foundation](#)

Official mailing address: [128 City Road, London, United Kingdom, EC1V 2NX](#)

Telephone #: [+55 11 99237 2045](#)

Official web address: www.socialcarbon.org

B. Programme Administrator Information (i.e., individual contact person)

Full name and title: [Dr Divaldo Rezende](#)

Employer / Company (*if not programme*): [Social Carbon Foundation](#)

E-mail address: divaldo.rezende@socialcarbon.org Telephone #: [+55 11 98757 8379](#)

C. Programme Representative Information (if different from Programme Administrator)

⁴ <https://www.icao.int/environmental-protection/CORSIA/Pages/TAB.aspx>

⁵ **Please complete**, even if the name of the business, government agency, organization, or other entity that administers the Emissions Unit Programme is the same as "*Programme Name*".

Full name and title: [Dr Divaldo Rezende](#)

Employer / Company (*if not Programme*): [Social Carbon Foundation](#)

E-mail address: divaldo.rezende@socialcarbon.org Telephone #: +55 11 98757 8379

2. Registry Representative Information⁶

A. Registry Information

Registry / system name: [Wilder Earth Registry](#)

Administering Organization: [Wilder Earth LLC](#)

Official mailing address: [1309 Coffeen Avenue STE 1200, Sheridan, Wyoming 82801](#)

Telephone #: [+44 7525 893071](#)

Official web address: www.wilder.earth

B. Registry Administrator Information (i.e., individual contact person)

Full name and title: [Michael Davies](#)

Employer / Company (*if not Registry Administering Organization*): [Wilder Earth LLC](#)

E-mail address: mike@wilder.earth Telephone #: [+44 7525 893071](#)

C. Programme Representative Information (if different from Registry Administrator)

Full name and title: [N/A](#)

Employer / Company (*if not Registry Administering Organization*):

E-mail address: Telephone #:

⁶ **Please complete this section**, even if the business, government agency, organization, or other entity that administers the Emissions Unit Programme Registry is the same as the organization described in **Part 2. “1. Programme Representative Information”**.

PART 3: EVIDENCE OF ADHERENCE TO SCOPE OF REGISTRY RESPONSIBILITIES

	<p>Does the Programme Registry fully meet the objectives of any and all Programme provisions and procedures related to the Programme Registry that the Programme is required to have in place in the manner represented by the Programme in the application form that the Programme has provided to the ICAO Secretariat and, if applicable⁷, as acknowledged by the Programme in the signed “Programme acceptance to terms of eligibility for inclusion in the ICAO document “<i>CORSIA Eligible Emissions Units</i>”?”</p>	<p><input checked="" type="checkbox"/> YES</p>
<p>7.1</p>	<p>Describe how the Registry ensures its ability to implement these provisions:</p> <p>No updates since previous application, other than the business name of the registry provider (previously Biodiversity & Ecosystem Futures LLC) has been changed to Wilder Earth LLC and additional 7 safeguards added to align with ICVCM requirements.</p> <p>The registry provides all the functionality to publicly display the documentation and data behind all projects and their corresponding issuances, retirements, cancellations and transfers. All procedures are publicly available through our training material (please see the link provided below). Below outlines how the Registry is in compliance with the relevant CORSIA Emissions Unit Eligibility Criteria:</p> <p>1. Clear Methodologies and Protocols and their Development Process. This is all summarised on the SOCIALCARBON website (www.socialcarbon.org/documentation) and is not directly related to the Registry.</p> <p>2. Scope Considerations. The scope of the SOCIALCARBON Standard is outlined in the publicly available document SOCIALCARBON Standard (link provided below).</p> <p>3. Offset Credit Issuance and Retirement Procedures. This is all summarised in the SOCIALCARBON document “Registration and Issuance Process”. In addition, Wilder Earth provides tutorial videos that are publicly available to take users through the Issuance, Retirement, Cancellation and Transfer procedures for the Registry (evidence provided below).</p> <p>4. Identification and Tracking. The Wilder Earth Registry is fundamentally built using Blockchain technology, ensuring complete transparency and auditability of every offset issuance, cancellation, retirement and transfer. Every action is cryptographically recorded on the Wilder Earth ledger which can be independently verified by any individual through the registry and our Blockchain Explorer tool – a publicly available tool which enables the scanning and checking of data on the Wilder Earth Blockchain. All offsets are created on the Wilder Earth Blockchain, providing a single source of truth on ownership, volumes available, and related transactions (retirements, cancellations, transfers).</p> <p>5. Legal Nature and Transfer of Units. This is summarised in the document SOCIALCARBON Standard v6.1. One offset represents one tonne of CO2 equivalent. Holding the Units on the Wilder Earth Registry gives the account holder legal title of the offsets. The procedure to transfer units on the Registry are publicly available through the Tutorial videos provided by Wilder Earth, particularly the tutorial named “Asset Management”.</p> <p>6. Validation and Verification Procedures. All validation and verification standards and procedures are publicly available on the SOCIALCARBON Website. This also includes the requirements and procedures for the accreditation of validators and verifiers.</p> <p>7. Program Governance. The SOCIALCARBON Standard is governed by the Social Carbon Foundation, a charitable organisation established in the United Kingdom. The administration of the program and decision making process is outlined in the SOCIALCARBON Website, including the Article of Association, and the SOCIALCARBON Guidance and Procedures documents.</p> <p>8. Transparency and Public Participation Provisions. The Wilder Earth Registry Privacy Policy outlines what data is captured and made available to different stakeholders. Public Stakeholder Consultations are</p>	

⁷ Only applicable when the Programme submits the signed “Emissions Unit Programme Registry Attestation” to the ICAO Secretariat after the Programme is determined to be eligible by a decision of the ICAO Council.

	<p>conducted during the methodology approval process. This includes a 30 day period for comments on newly proposed methodologies. The full procedure is summarised in the document Methodology Approval Process</p> <p>9. Safeguard Systems. 54 environmental and social safeguards and mandated by the SOCIALCARBON Standard to ensure projects minimise environmental and social risks. These can be found in the publicly available document: SOCIALCARBON Standard v6.1</p> <p>10. Sustainable Development Criteria. As per the publicly available document SOCIALCARBON Standard v6.1 all projects must undertake an upfront assessment of the Sustainable Development Goals (SDGs) impact of the project. Monitoring of these contributions and the metrics used, must be outline are outline. In addition, the Project shall document which SDGs are delivered by the project, along with justifications that are quantifiable and can be validated by a validator/verifier. The SDG assessment shall be documented in the Project Description and monitored periodically with an assessment documented in each monitoring report submitted. In addition to the SDGs, the project must conduct an assessment against the 6 SOCIALCARBON resources and demonstrate continual improvement against these broader sustainability assessment criteria for the duration of the project.</p> <p>11. Avoidance of double counting, Issuance and Claiming. All projects must demonstrate in the Project Description that they are not registered on another GHG program, and that the project area does not have any similar projects that pose a risk to double counting. This is audited by the both the SOCIALCARBON team and VVBs to ensure integrity of the Standard. The use of Blockchain ensures that all Issuances, Cancellations and Retirements are cryptographically recorded and immutable. All transactional events are accompanied by a unique Transaction ID on the Blockchain which can be used to prove claims made by parties. Once recorded on the Blockchain (at the time of the action) all data is immutable, providing assurance as to the reliability of the Registry Data.</p>
	<p>In the field below, provide link(s) to any web-based evidence of existing registry functionalities and/or of documents demonstrating business practices and procedures for the Programme Registry’s implementation of these provisions. Alternatively, or in addition, confirm that such evidence is included as an attachment to this <i>Emissions Unit Programme Registry Attestation</i>.</p>
	<ul style="list-style-type: none"> • SOCIALCARBON Registry site: https://www.wilder.earth/social_carbon • Clear Methodologies and Protocols and their Development Process: www.socialcarbon.org/documentation. www.socialcarbon.org/methodologies • SOCIALCARBON Standard v6.1: https://www.socialcarbon.org/s/SOCIALCARBON-Standard-v61.pdf • Registration and Issuance Process: https://www.socialcarbon.org/s/SOCIALCARBON-Registration-and-Issuance-Process-v11.pdf • Wilder Earth Registry Tutorials: https://www.youtube.com/playlist?list=PLRTdJiZBDpp2NUGFM1qticozG6IrOr7BK • Validation & Verification Requirements & Procedures: https://www.socialcarbon.org/s/SOCIALCARBON-Standard-v61.pdf • Governance: https://www.socialcarbon.org/governance • Articles of Association: https://www.socialcarbon.org/s/Social-Carbon-Articles-of-Association.pdf • Methodology approval process: https://www.socialcarbon.org/s/SOCIALCARBON-Methodology-Approval-Process-v12.pdf

7.2	<p>Will the Programme Registry ensure that a CORSIA participant’s request for a registry account will not be denied solely on the basis of the country in which the requestor is headquartered or based?</p>	<input checked="" type="checkbox"/> YES
	<p>Describe how the Registry does or will implement this provision:</p> <p>No updates since previous application.</p>	

	<p>All Registry Account applications are reviewed by the Wilder Earth Team who conduct due diligence on the applicant. The applicants are assessed to ensure compliance with Anti-money laundering and Counter-Terrorist Financing regulations. The country of the applicant will not be the sole basis for a registry account being denied, however certain countries will result in greater risk profiles being attached to users, which will require more frequent monitoring by the Wilder Earth Team. Accounts will be denied if they pose a significant risk to the Wilder Earth Registry in relation to money laundering, terrorist financing, or reputational damage.</p>
	<p>In the field below, provide link(s) to any web-based evidence of existing registry functionalities and/or of documents demonstrating business practices and procedures for the Programme Registry's implementation of these provisions. Alternatively, or in addition, confirm that such evidence is included as an attachment to this <i>Emissions Unit Programme Registry Attestation</i>.</p>
	<p>Wilder Earth AML & CFT Manual (see google drive)</p>

	<p>Will the Programme Registry (in the case of applicants to be assessed to determine their eligibility)/Does the Programme Registry (when the Programme is determined to be eligible by a decision of the ICAO Council) identify / label its CORSIA eligible emissions units as defined in the ICAO Document “<i>CORSIA Eligible Emissions Units</i>”?</p>	<input checked="" type="checkbox"/> YES
	<p>Describe how the Registry does or will implements this provision:</p>	
7.3	<p>The SOCIALCARBON Registry has functionality to attach CORSIA labels to Social Carbon Units. Project proponents must submit a request for issued credits to be given the CORSIA label on the registry. Upon receipt of the request, the SOCIALCARBON team will review the project and credits against the CORSIA Eligible Emission Units for the programme and decide whether they meet the requirements. If approved, the credits shall receive a label and a workflow will be initiated to ensure that the project provides evidence of corresponding adjustment or compensation mechanism being enacted. Once either has been confirmed and verified, the details on the registry will be further updated and made publicly accessible.</p>	
	<p>In the field below, provide link(s) to any web-based evidence of existing registry functionalities and/or of documents demonstrating business practices and procedures for the Programme Registry's implementation of these provisions. Alternatively, or in addition, confirm that such evidence is included as an attachment to this <i>Emissions Unit Programme Registry Attestation</i>.</p>	
	<p>https://youtu.be/RlhlogEgP8g</p>	

	<p>Will the Programme Registry, upon request of the CORSIA participant account holder or participant's designee, designate the participant's cancellation of emissions units for the purpose of reconciling offsetting requirements under the CORSIA, including by compliance cycle?</p>	<input checked="" type="checkbox"/> YES
	<p>Describe how the Registry does or will implement these provisions:</p>	
7.4	<p>No updates since previous application.</p> <p>Yes, all emissions units can be cancelled for the purpose of reconciling offsetting requirements under the CORSIA, including by compliance cycle. The process for this is outlined in the Wilder Earth Tutorial video called “Managing your Assets”.</p>	
	<p>In the field below, provide link(s) to any web-based evidence of existing registry functionalities and/or of documents demonstrating business practices and procedures for the Programme</p>	

	Registry's implementation of these provisions. Alternatively, or in addition, confirm that such evidence is included as an attachment to this <i>Emissions Unit Programme Registry Attestation</i> .
	Managing your Assets Tutorials - https://youtu.be/fknu-2Di4RQ

7.5	a. Will the Programme Registry, within 1 – 3 business days of receipt of formal instruction from a duly authorized representative of the owner of an account capable of holding and cancelling CORSIA Eligible Emission Units within the registry, and barring system downtime that is scheduled in advance or beyond the control of the registry administrator, make visible on the Programme Registry's public website the account owner's cancellations of CORSIA Eligible Emission Units as instructed.	<input checked="" type="checkbox"/> YES
	b. Will such cancellation information (row a) include all fields that are specified for this purpose in Annex 16, Volume IV, and ETM, Volume IV?	<input checked="" type="checkbox"/> YES
	Describe how the Registry does or will implement these provisions:	
	<p>No updates since previous application.</p> <p>In accordance with Annex 16, Volume IV, any cancellations are made public within seconds of cancellation. Each cancellation is also accompanied by a Transaction ID, which can be used to further demonstrate the cancellation on the Wilder Earth Blockchain in an immutable manner. All cancellations can be accompanied by additional comments and notes by the registry account holder cancelling the units, in order to provide additional information related to the cancellation. These notes are made public, along with the following details:</p> <ul style="list-style-type: none"> • Name of the units cancelled • Link to registry for the units • Date of cancellation • Number of units cancelled • Asset type • Vintage • Cancellor (entity cancelling the units) • Notes • Transaction ID / Serial Number on the Blockchain 	
	In the field below, provide link(s) to any web-based evidence of existing registry functionalities and/or of documents demonstrating business practices and procedures for the Programme Registry's implementation of these provisions. Alternatively, or in addition, confirm that such evidence is included as an attachment to this <i>Emissions Unit Programme Registry Attestation</i> .	
Cancellation demo: https://youtu.be/zagIRUUF4NY		

7.6	Will the Programme Registry, upon request of the CORSIA participant account holder or participant's designee, generate report(s) containing the information specified for this purpose in Annex 16, Volume IV, and ETM, Volume IV?	<input checked="" type="checkbox"/> YES
	Describe how the Registry does or will implement this provision:	
	<p>No updates since previous application.</p> <p>All data on cancellations can be exported either by the account holder into a CSV file through their registry account, or can be generated by the Wilder Earth Registry team on request.</p>	

	In the field below, provide link(s) to any web-based evidence of existing registry functionalities and/or of documents demonstrating business practices and procedures for the Programme Registry’s implementation of these provisions. Alternatively, or in addition, confirm that such evidence is included as an attachment to this <i>Emissions Unit Programme Registry Attestation</i> .
	Video demonstrating registry functionality for Cancellation CSV downloads: https://youtu.be/suJ8hcAhX7E

	a. Does the Programme Registry maintain robust security practices that ensure the integrity of, and authenticated and secure access to, the registry data of CORSIA participant account holders or participants’ designees, and transaction events carried out by a user?	☒ YES
	b. Does the Programme Registry disclose documentation of such practices (row a) upon request?	☒ YES
	c. Does the Programme Registry utilize appropriate method(s) to authenticate the identity of each user accessing an account?	☒ YES
	d. Does the Programme Registry grant each user access only to the information and functions that a user is entitled to?	☒ YES
	e. Does the Programme Registry utilize appropriate method(s) to ensure that each event initiated by a user (i.e. transfer of units between accounts; cancellation/retirement of a unit, update of data, etc.) is an intentional transaction event confirmed by the user?	☒ YES
	f. Do such security features (rows a – e) meet and undergo periodic updates in accordance with industry best practice?	☒ YES
	Describe how the Registry implements each provision in rows a – f:	
7.7	<p>No updates since previous application.</p> <p>a) The Wilder Earth Registry utilises banking-level security standards to ensure the Registry adheres to the highest security standards. Utilising Blockchain significantly enhances the security of the system, decentralising registry accounts, significantly reducing single points of failure and protecting accounts.</p> <p>In addition we have several Security Policies and Standards in place to ensure our systems are secure. Evidence can be found below.</p> <p>Further security details below:</p> <ul style="list-style-type: none"> • Data storage & transit <ul style="list-style-type: none"> ○ SSL Encryption between our servers and website ○ HTTPS used for any Blockchain API calls ○ Non-Blockchain-stored data is encrypted and salted at rest in our database ○ Ensure all servers are fully patched on each deploy, and maintain the capability to patch our entire infrastructure within hours if necessary ○ Use secure operating systems (*nix-based) on all our servers ○ Use Amazon Web Service’s state-of-the-art data centres to ensure good physical security for our data ○ Use firewalls to defend our network from intrusions ○ Server-side privacy rules to ensure user authentication prior to accessing data • Incident management and vulnerability monitoring 	

	<ul style="list-style-type: none"> ○ Our Infrastructure-as-a-service provider, uses vulnerability monitoring tools to detect potential vulnerabilities in our infrastructure ○ Our Infrastructure-as-a-service provider works with security researchers to identify and resolve security vulnerabilities ○ Our Infrastructure-as-a-service provider has defined incident management and notification processes for dealing with security incidents ○ We review new development work for security implications Wilder Earth ore releasing to production ○ Wilder Earth perform background checks on employees with access to customer data ○ 99.99% EC2 availability - SLA commitment by AWS <ul style="list-style-type: none"> ● User authentication <ul style="list-style-type: none"> ○ Server-side privacy rules to ensure user authentication prior to accessing data ○ IP Address verification and whitelisting as part of the login process to enhance user account security ○ 2 factor authentication for several features within the Wilder Earth Registry to ensure authentication prior to action e.g. deleting account ○ Audit-proof activity log ● Use of tokens and 3rd party service providers <ul style="list-style-type: none"> ○ Integrate with 3rd party service providers, such as Stripe to facilitate account subscription payments on the Wilder Earth Platform ○ Payment details e.g. credit card details, are sent directly to Stripe from the user's web browser, without ever going through the our servers. Stripe replies with a token that represents the credit card, which does get sent to our servers ○ The tokens sent by Stripe are used to enact Stripe API requests, such as charging the credit card ○ We will not send private keys to a users' web browser: instead, if the app accesses the API, we proxy the call through our servers and add the credentials on the backend. ● User credentials <ul style="list-style-type: none"> ○ User credentials are stored in 'mathematical hyperspace' on our Blockchain meaning that user credentials become the 'key' to a 'virtual space' that you own with a Signature Chain. ○ Recovery Phrases are recorded by users upon registration, enabling them to recover their account in the event they forget their password or pin. ○ Any transaction by an account is fully auditable through our Blockchain and viewable on our Transaction Monitoring tool. ● Access Management <ul style="list-style-type: none"> ○ User authentication is conducted on the server-side using privacy rules to manage what data users can access. Personal or semi-sensitive data can only be accessed by the related user and only once they are logged in. <p>b) This information can be provided on request. See link in the evidence section.</p> <p>c) Prior to gaining access to the Wilder Earth Registry, users must first register for an account. This registration enables our team to categorise the user and understand the type of account they are interested in. Due diligence is conducted on any new account by the Wilder Earth team. Wilder Earth uses Refinitiv's World Check system to conduct simple and enhanced due diligence on clients. This includes the checking of PEP, sanction lists, adverse media, criminal convictions. Once clients are assessed they are given a risk rating and then added to the Wilder Earth Transaction Monitoring tool to enable ongoing transaction monitoring. As part of this process, the account manager must provide proof of authority to register the account on behalf of their entity, including proof of identity to ensure that we can verify their identify as part of the due diligence process.</p>
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	<p>d) User authentication is conducted on the server-side using privacy rules to manage what data users can access. Personal or semi-sensitive data can only be accessed by the related user and only once they are logged in. Any data that is publicly available (that does not include sensitive or personal data) can be accessed by anyone.</p> <p>e) All transfers, issuances, retirements, cancellations, retirements must be confirmed with the deliberate checking of a checkbox to confirm the action, accompanied by the User inputting their password and pin Wilder Earth before completing the transfer. This ensures that that all transactional events are confirmed by the user.</p> <p>f) Security features are reviewed quarterly to ensure they are in line with industry best practice.</p>
	In the field below, provide link(s) to any web-based evidence of existing registry functionalities and/or of documents demonstrating business practices and procedures for the Programme Registry's implementation of these provisions. Alternatively, or in addition, confirm that such evidence is included as an attachment to this <i>Emissions Unit Programme Registry Attestation</i> .
	All Relevant Security Policies, Standards and due diligence processes are available on the following google drive: https://drive.google.com/drive/folders/1m1VmZfKgZpp69PM2cnJy92jx-xIM6fLd?usp=sharing

7.8	a. Will the Programme Registry, upon identifying any breach of Programme Registry data security or integrity that affects a CORSIA participant account holder or participant's designee, notify the CORSIA participant account holder or their designee?	<input checked="" type="checkbox"/> YES
	b. Will the Programme Registry, upon identifying any breach of Programme Registry data security or integrity that affects a CORSIA participant account holder or participant's designee, notify the Programme, which will inform and engage with the ICAO Secretariat on the matter in the same manner as required for material deviations from the Programme's application form?	<input checked="" type="checkbox"/> YES
	Describe how the Registry does or will implement each provision in rows a and b:	
	No updates since previous application. Original submission below.	
	<p>a) Any identified breaches will result in the immediate notification to the participant on the Registry. We have a Security Incident Management Standard which utilised ISO 27001 which can be found in the evidence section below.</p> <p>b) All identified breaches to CORSIA Participant account holders or designees will result in the SOCIALCARBON Standard team being notified, alongside information on the breach which can be shared with the ICAO Secretariat.</p>	
	In the field below, provide link(s) to any web-based evidence of existing registry functionalities and/or of documents demonstrating business practices and procedures for the Programme Registry's implementation of these provisions. Alternatively, or in addition, confirm that such evidence is included as an attachment to this <i>Emissions Unit Programme Registry Attestation</i> .	
Security Incident Management Standard (see google drive)		

7.9	Does the Programme Registry ensure the irreversibility of emissions unit cancellations and the designation of the purpose of emissions units cancellations, as per the requirements contained in Annex 16, Volume IV, and ETM, Volume IV ⁸ ?	<input checked="" type="checkbox"/> YES
	Describe how the Registry implements these provisions:	
	No updates since previous application.	
	All cancellations and retirements are immutable and recorded on the Wilder Earth Blockchain. This makes it impossible to reverse and is accompanied by a Transaction ID which provides evidence of the transaction event in the Wilder Earth Platform.	
	In the field below, provide link(s) to any web-based evidence of existing registry functionalities and/or of documents demonstrating business practices and procedures for the Programme Registry's implementation of these provisions. Alternatively, or in addition, confirm that such evidence is included as an attachment to this <i>Emissions Unit Programme Registry Attestation</i> .	
This is an inherent characteristic of Blockchain technology. Every asset issuance, retirement, cancellation, transfer has its own unique transaction ID which can be publicly verified using Wilder Earth Blockchain Explorer: https://blockexplorer.wilder.earth/ . When units are retired / cancelled, their underlying token is "burned" which means they are sent to an account which can only receive units and cannot with reversed / transfer out of the account.		

7.10	a. Does the Programme Registry ensure that all cancellation information on its website is presented in a user-friendly format?	<input checked="" type="checkbox"/> YES
	b. Does the Programme Registry ensure that all cancellation information on its website is available at no cost and with no credentials required?	<input checked="" type="checkbox"/> YES
	c. Does the Programme Registry ensure that all cancellation information on its website is capable of being searched based on data fields?	<input checked="" type="checkbox"/> YES
	d. Does the Programme Registry ensure that all cancellation information on its website can be downloaded in a machine-readable format, e.g., .xlsx?	<input checked="" type="checkbox"/> YES
	Describe how the Registry implements each provision in rows a – d:	
	No updates since previous application.	
	<ul style="list-style-type: none"> a) All cancellations can be publicly viewed both on the SOCIALCARBON Public Registry webpage b) All cancellation information is publicly accessible and free of charge c) All cancellation can be viewed both on the SOCIALCARBON Public Registry page. This webpage has search functionality and filters to find information to refine the cancellation information available. Demo video link attached for evidence. d) All cancellations can be downloaded in CSV format from the public registry pages. Demo video link provided in the evidence section. 	
In the field below, provide link(s) to any web-based evidence of existing registry functionalities and/or of documents demonstrating business practices and procedures for the Programme Registry's implementation of these provisions. Alternatively, or in addition, confirm that such evidence is included as an attachment to this <i>Emissions Unit Programme Registry Attestation</i> .		
Cancellation demo: https://youtu.be/zagIRUUF4NY		

⁸ Without prejudice to the aforementioned, such requirement would not prevent a Programme Registry from utilizing secure, time-bound and auditable methods for correcting unintentional user-entry errors.

7.11	a. Will the Programme Registry retain documents and data relevant to CORSIA Eligible Emissions Units and cancellations on an ongoing basis and for at least three years beyond the end date of the latest compliance period in which the emissions unit programme is determined to be eligible?	<input checked="" type="checkbox"/> YES
	b. Will the Programme Registry retain documents and data relevant to CORSIA Eligible Emissions Units and cancellations consistent with the Programme's long-term planning, including plans for possible dissolution?	<input checked="" type="checkbox"/> YES
	Describe how the Registry does or will implement each provision in rows a and b:	
	No updates since previous application.	
	<ul style="list-style-type: none"> a. All cancellation data is permanently stored on the Wilder Earth Blockchain. Meta data related to cancellations will be held and retained for at least 3 years beyond the end date of the latest compliance period in which the emissions unit programme is determined to be eligible. b. All documents and data relevant to CORSIA Eligible Emissions Units and cancellations will be retained to ensure a permanent record of units and cancellations. This is irrespective of whether SOCIALCARBON is dissolved in the future. In the event that Wilder Earth itself is dissolved, Wilder Earth will ensure the core data is shared with an appropriate entity to ensure a record remains. This includes relevant documentation if necessary. 	
	In the field below, provide link(s) to any web-based evidence of existing registry functionalities and/or of documents demonstrating business practices and procedures for the Programme Registry's implementation of these provisions. Alternatively, or in addition, confirm that such evidence is included as an attachment to this <i>Emissions Unit Programme Registry Attestation</i> .	
All Relevant Security Policies, Standards and due diligence processes are available on the following google drive: https://drive.google.com/drive/folders/1mlVmZfKgZpp69PM2cnJy92jx-xIM6fLd?usp=sharing		