

**International Civil Aviation Organization (ICAO) Carbon Offsetting and Reduction
Scheme for International Aviation (CORSA)**

**Application Form for Emissions Unit Programmes
seeking eligibility to supply units to
the CORSA first phase (2024 – 2026 compliance period)**

(Version 5, January 2023)

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SECTION I: ABOUT THIS ASSESSMENT

Background

ICAO Member States and the aviation industry are implementing the Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA). Together with other mitigation measures, CORSIA will help achieve international aviation's aspirational goal of carbon neutral growth from the year 2020.

Aeroplane operators will meet their offsetting requirements under CORSIA by purchasing and cancelling CORSIA eligible emissions units. The ICAO Council determines CORSIA eligible emissions units upon recommendations by its Technical Advisory Body (TAB) and consistent with the CORSIA Emissions Unit Eligibility Criteria (EUC).

In March 2019, the ICAO Council unanimously approved the ICAO Document *CORSIA Emissions Unit Eligibility Criteria* for use by TAB in undertaking its tasks¹. TAB's assessment of emissions units programmes is undertaken annually². ICAO Council decisions that take account of these recommendations are contained in the ICAO Document *CORSIA Eligible Emissions Units*³.

ICAO invites emissions unit programmes⁴ interested to apply for the 2023 cycle of assessment by the TAB, to determine eligibility to supply CORSIA-Eligible Emissions Unit for the 2024-2026 compliance period (first phase). The assessment process will involve collecting information from each programme through this programme application form and supplementary materials and requested evidence.

TAB will no longer consider new applications for the 2021-2023 compliance period (pilot phase) only. However, where TAB recommends that Council approve a Programme as eligible for a forthcoming compliance cycle, it may also recommend that the Programme be eligible to supply emissions units for the previous compliance cycle that has not yet elapsed.

Through this assessment, the TAB will develop recommendations on the list of eligible emissions unit programmes (and potentially project types) for use under the CORSIA first phase, which will then be considered by the ICAO Council.

¹ Available on the ICAO CORSIA website: <https://www.icao.int/environmental-protection/CORSIA/Pages/CORSIA-Emissions-Units.aspx>

² Recommendations from 2019 TAB assessment cycle: <https://www.icao.int/environmental-protection/CORSIA/Pages/TAB2019.aspx>

Recommendations from 2020 TAB assessment cycle: <https://www.icao.int/environmental-protection/CORSIA/Pages/TAB2020.aspx>

Recommendations from 2021 assessment cycle: <https://www.icao.int/environmental-protection/CORSIA/Pages/TAB2021.aspx>

Recommendations from 2022 assessment cycle: <https://www.icao.int/environmental-protection/CORSIA/Pages/TAB.aspx>

³ Available on the ICAO CORSIA website: <https://www.icao.int/environmental-protection/CORSIA/Pages/CORSIA-Emissions-Units.aspx>

⁴ "Emissions Unit Programme", for the purposes of TAB's assessment, refers to an organization that administers standards and procedures for developing activities that generate offsets, and for verifying and "issuing" offsets created by those activities. For more information, please review the TAB FAQs on the ICAO CORSIA website: <https://www.icao.int/environmental-protection/CORSIA/Pages/TAB.aspx>

This form is accompanied by, and refers to, Appendix A “*Supplementary Information for Assessment of Emissions Unit Programmes*”, containing the EUC and *Guidelines for Criteria Interpretation*. These EUC and Guidelines are provided to inform programmes’ completion of this application form, in which they are cross-referenced **by paragraph number**.⁵

This form is also accompanied by Appendix B “*Programme Assessment Scope*”, and Appendix C “*Programme Exclusions Scope*”, which request all applicants to identify the programme elements⁶ they wish to submit for, or exclude from, TAB’s assessment.

CORSIA Eligible Emissions Units Programmes must also complete Appendix D of this application, “*Emissions Unit Programme Registry Attestation*” in line with the instructions contained in Appendix D. Applicant organizations are strongly encouraged to submit this information by the deadline for submitting all other application materials for the current assessment cycle.

This form also requests *evidence of programme procedures or programme elements*. These evidentiary documents enable TAB to a) confirm that a given procedure or program element is *in place*, b) more fully comprehend the programme’s summary responses, and c) archive the information as a reference for potential future assessments. Programme responses to this application form will serve as the primary basis for the assessment. Such assessment may involve e.g. clarification questions, live interview(s) with TAB, and a completeness check of the application, as further requested.

Translation: The working language of the assessment process is English. Translation services are not available for this process. If the programme documents and information are not published in English, the programme should fully describe in English (*rather than summarize*) this information in the fields provided in this form, and in response to any additional questions. Where this form requests *evidence of programme procedures*, programmes are strongly encouraged to provide these documents in English, to provide for accuracy and comprehension. Where this is not possible due to time constraints or document length, the programme may provide such documents in their original language in a readily translatable format (e.g., Microsoft Word). Those programmes that need to translate documents prior to submission may contact the ICAO Secretariat regarding accommodation.

Disclaimer: The information contained in the application, and any supporting evidence or clarification provided by the applicant including information designated as “business confidential” by the applicant, will be provided to the members of the TAB to properly assess the programme and make recommendations to the ICAO Council. The application and such other evidence or clarification will be made publicly available on the ICAO CORSIA website for the public to provide comments, except for information which the applicant designates as “business confidential”. The applicant shall bear all expenses related to the collection of information for the preparation of the application, preparation and submission of the application to the ICAO Secretariat and provision of any subsequent clarification sought by the Secretariat and/or the members of the TAB. Under no circumstances shall ICAO be responsible for the reimbursement of such or any other expenses borne by the applicant in this regard, or

⁵ For further information on how TAB interprets the EUC in light of the *Guidelines*, refer to the document Clarifications of TAB’s Criteria Interpretations Contained in TAB Reports available on the ICAO TAB website:

https://www.icao.int/environmental-protection/CORSIA/Documents/TAB/TAB%202022/Clarifications_TABs_Criteria_Interpretations.pdf

⁶ At the “activity type” level (e.g., sector(s), sub-sector(s), and/or project “type(s)”)

any loss or damages that the applicant may incur in relation to the assessment and outcome of this process.

SECTION II: INSTRUCTIONS

Submission and contacts

A programme is invited to complete and submit the form, including accompanying evidence and with required appendices, through the ICAO CORSIA website no later than close of business on **24 March 2023**. Within seven business days of receiving this form, the Secretariat will notify the programme that its form was received.

If the programme has questions regarding the completion of this form, please contact ICAO Secretariat via email: officeenv@icao.int. Programmes will be informed, in a timely manner, of clarifications provided by ICAO to any other programme.

Form basis and cross-references

Questions in this form are derived from the CORSIA emissions unit eligibility criteria (EUC) and any *Guidelines for Criteria Interpretation* introduced in Section I (above). To help inform the programme's completion of this form, each question includes the paragraph number for its corresponding criterion or guideline that can be found in [Appendix A “Supplementary Information for Assessment of Emissions Unit Programmes”](#).

Application Form completion

The programme is expected to respond to all questions in this application form at the time of application submission. TAB cannot initiate its assessment of applications in which this information is not provided in full as requested in this section. Failure to provide complete information may result in delays to the application's assessment.

A “complete” response involves three components: 1) a written summary response; 2) supporting evidence; and 3) programme revisions, where an applicant is considering or undertaking revisions to a programme procedure in question.

- 1) Written summary responses: The programme is encouraged to construct written summary responses in a manner that provides for general comprehension of the given programme procedure, independent of supporting evidence. TAB will confirm each response in the supplementary evidence provided by the programme. Please note that written summary responses should be provided in all cases—supporting evidence (described in *c*) below) should not be considered as an alternative to a complete summary response..
- 2) Supporting evidence: Most questions in this form request *evidence of programme procedures or programme elements*. Such evidence may be found in programme standards, requirements, or guidance documents; templates; programme website or registry contents; or in some cases, in specific methodologies. To help manage file size, the programme should limit supporting documentation to that which directly substantiates the programme's statements in this form.

Regarding such requests for evidence, programmes are expected to substantiate their responses in any of these ways (**in order of preference**):

- a) web links to supporting documentation included along with the written summary response to each given question; with instructions for finding the relevant information within the linked source (i.e. identifying the specific text, paragraph(s), or section(s) where TAB can find evidence of the programme procedure(s) in question);
- b) copying/pasting information directly into this form (no character limits) along with the written summary response;

- c) attaching supporting documentation to this form at the time of submission, with instructions for finding the relevant information within the attached document(s);

EXAMPLE of preferred approach to providing supporting evidence that could meet expectations for complete responses to a question:

“The Programme ensures its consistency with this requirement by requiring / undertaking / etc. the following:

[Paragraph(s) introducing and summarizing specific programme procedures relevant to question]

The full contents of these procedures can be found in [Document title, page X, Section X, paragraphs X-X]. This document is publicly available at this weblink: [weblink].”

3) **Programme revisions:** Where the programme has any plans to revise the programme (e.g., its policies, procedures, measures, tracking systems, governance or legal arrangements), including to enhance consistency with a given criterion or guideline, please provide the following information in response to any and all relevant form question(s):

- a) Proposed revision(s);
- b) Process and proposed timeline to develop and implement the proposed revision(s);
- c) Process and timeline for external communication and implementation of the revision(s).

Application and assessment scope

The programme may elect to submit for TAB assessment all, *or only a subset*, of the activities supported by the programme. The programme is requested to identify, in the following Appendices, the activities that it wishes to submit for, or exclude from, TAB’s assessment:

In **Appendix B “Programme Assessment Scope”**, the programme should clearly identify, at the “activity type” level (e.g., sector(s), sub-sector(s), and/or programme/project “type(s)”), elements that the programme **is submitting for TAB’s assessment** of CORSIA eligibility; as well as the specific methodologies, protocols, and/or framework(s) associated with these programme elements; which *are* described in this form.

In **Appendix C “Programme Exclusions Scope”**, the programme should clearly identify, at the “activity type” level (e.g., sector(s), sub-sector(s), and/or programme/project “type(s)”), any elements the programme **is not submitting for TAB’s assessment** of CORSIA eligibility, which *are not* described in this form; as well as the specific methodologies, protocols, and/or framework(s) associated with these programme elements.

Emissions Unit Programme Registry Attestation

In **Appendix D “Emissions Unit Programme Registry Attestation (version 2, January 2022)”**, the programme should provide the information relating to programme registry functionality that is referred to in the attestation and its attachment. Both the programme representative of an emissions unit programme, and the administrator or authorized representative of the registry designated by the programme, should review and attest to the accuracy of this information and their acceptance of the terms, preferably at the time of application.

Treatment of EUC-relevant programme procedures at the methodology level

Programmes that identify with the following explanations are encouraged to summarize and provide evidence of both their overarching *programme-level* procedure(s) and *methodology-level* procedure(s) wherever relevant:

The CORSIA EUC and TAB assessments typically apply to *programme-level* procedures rather than to individual methodologies or projects. Most programmes' overarching guidance documents contain a mix of *general/guiding* requirements and *technical* ones. However, some programmes set out general requirements in overarching guidance documents, while reflecting key technical procedures in programme methodologies⁷. **Such methodologies may be relevant to TAB's assessment.** This could be the case where, e.g., the methodologies are developed directly by the programme (staff or contractors); the programme must refer to a methodology's requirements when describing its alignment with the EUC; the programme's general requirements alone are too high-level/non-specific for TAB to assess them as stand-alone procedures.

EXAMPLE: Programme A's project standard contains its *programme-level* general requirements. The standard requires all activities to pass a programme-approved additionality test. However, Programme A sets out a unique list of approved tests in each of its methodologies—rather than providing a single list or menu in its programme-level standard. These lists vary across different activity types or category(ies). Thus, TAB may ultimately need to assess Programme A's programme- *and* methodology-level requirements in order to confirm its use of the specific additionality tests called for under the *Must be Additional* criterion.

“Linked” certification schemes

This application form should be completed and submitted exclusively on behalf of the programme that is described in Part I of this form.

Some programmes may supplement their standards by collaborating with other schemes that certify, e.g., the social or ecological “co-benefits” of mitigation. The programme can reflect a linked scheme's procedures in responses to this form, where this is seen as enhancing—i.e. going “above and beyond”—the programme's own procedures. For example, the programme may describe how a linked scheme audits sustainable development outcomes; but is not expected to report the linked scheme's board members or staff persons.

Programmes should clearly identify any information provided in this form that pertains to a linked certification scheme and/or only applies when a linked certification scheme is used.

Disclosure of programme application forms and public comments

Applications, including information submitted in Appendices B, C, and D, as well as other information submitted by applicants will be publicly available on the ICAO CORSIA website, except for materials which the applicants designate as business confidential.

The public will be invited to submit comments on the information submitted, including regarding consistency with the EUC, through the ICAO CORSIA website, for consideration by the TAB in its assessment.

⁷ Note that any applicant may use different terminology. For example, a programme may refer to a “methodology” as a protocol or framework.

SECTION III: APPLICATION FORM

PART 1: General information

A. Programme Information

Programme name: **KCCI Carbon Standard (KCS)**

Administering Organization⁸: **KCCI Center for Carbon Reduction Certification**

Official mailing address: **18F, 39 Sejong-daero, Jung-gu, Seoul 04513, Korea**

Telephone #: **+82 (0)2-6050-3827/8**

Official web address: **<https://www.centero.kr/GHGProgram/KCS>**

B. Programme Administrator Information

Full name and title: **Mr. Hyunsuk Kim / Expert Advisor**

Employer / Company (*if not programme*): **KCCI Center for Carbon Reduction Certification**

E-mail address: **hkim@korcham.net** Telephone #: **+82 (0)2-6050-3832, +82 (0)10-8917-0718**

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

Full name and title: **Mr. Youngjun Cho / Executive Director**

Employer / Company (*if not Programme*): **KCCI Sustainable Management Institution**

E-mail address: **bestcho@korcham.net** Telephone #: **+82 (0)2-6050-3480, +82 (0)10-5237-3329**

D. Programme Senior Staff / Leadership (e.g., President / CEO, board members)

List the names and titles of programme's senior staff / leadership, including board members:

As an executive director, Mr. Youngjun Cho is conducting his leadership on KCS of which steering committee, where he also involved in, is currently operating. The following is a list of steering committee members.

1. Dr. Euichan Jeon*, Professor at Sejong University (*Chairman of the committee)
2. Mr. Wonju Lee, Director General at Ministry of Trade, Industry and Energy of the Republic of Korea
3. Dr. Sechang Ahn, Director General at Ministry of Environment of the Republic of Korea
4. Dr. Hyungna Oh, Professor at Kyung Hee University

⁸ Name of the business, government agency, organization, or other entity that administers the Emissions Unit Programme, *if different from "Programme Name"*.

5. Dr. Jaekyu Lim, Senior Research Fellow at Korea Energy Economics Institute
6. Dr. Eunmi Jung, Executive Director at Korea Institute for Industrial Economics and Trade
7. Ms. Sohee Kim, Secretary General at Climate Change Center
8. Dr. Hyunjung Park, Vice Director at Institute for Climate Change Action
9. Dr. Dongsoo Kim, Director of ESG Research Institute at Kim & Chang
10. Mr. Seunghyun Hong, Head of Carbon Solution Department at Korea Investment & Securities Co., Ltd.
11. Mr. Youngjun Cho, an Executive Director of KCCI Sustainable Management Institution

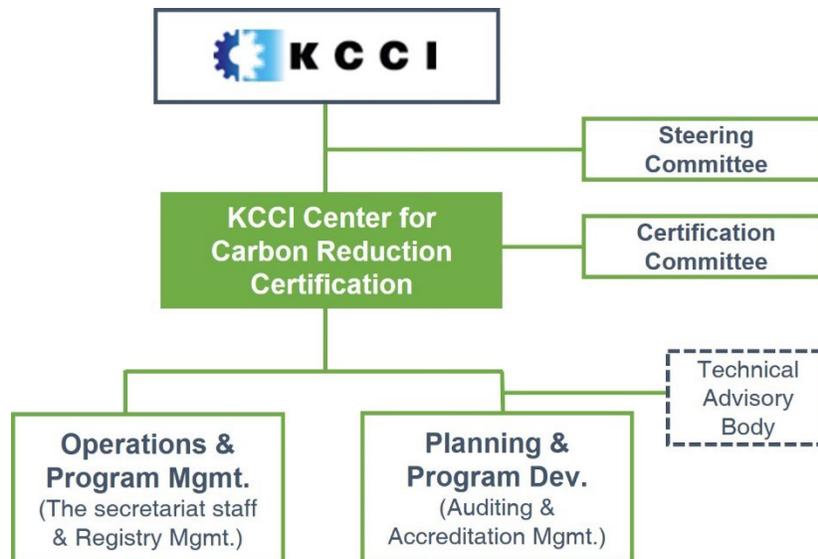
In addition to this, we have another governance system to audit the process of validation and verification named a Certification Committee with technical advisory group, respectably. The members are listed below.

1. Dr. Hojeong Park*, Professor at Korea University (*Chairman of the certification committee)
2. Dr. Sangjun Lee, Professor at Seoul Tech University
3. Dr. Bongkyun Kim, Director General at Korea Institute of S&T Evaluation and planning
4. Dr. Jihye Jo, Director of Resource Circulation Division at Korea Environment Institute
5. Dr. Jihyun Oh, Manager of Technical Analysis Center at National Institute of Green Technology
6. Dr. Sungwoo Kim, Head of Environment and Energy Research Institute at Kim & Chang
7. Dr. Nokyoung Kim, Head of KCCI Center for Carbon Reduction Certification

Also, we have an expert pool which consists of more than 15 professionals to support a committee for extra advising if it is necessary. They might be a sub-certification committee in case the committee or the center needs.

Provide an organization chart (in the space below or as an attachment) that illustrates, or otherwise describes, the functional relationship a) between the individuals listed in D; and b) between those individuals and programme staff / employees; and c) the functions of each organizational unit and interlinkages with other units.

Here is an organization chart of the center as below and which is also posted on the website at <https://www.centero.kr/GHGProgram/KCS>



The center has two separate committees for independent decision making and each of them has own role and function

on KCS as below.

1. Steering Committee

- Deliberates and certifies carbon standard
- Facilitates the voluntary carbon market and sets up support plans, etc.

2. Certification Committee

- Deliberates and certifies methodology and PDDs
- Deliberates and certifies results of carbon reduction

3. Secretariats of the Center

- Reviews applications for certification of methodology and reductions
- Supports the operation of each committee
- Conducts operational affairs related to the operation of certification center

The center, as a part of KCCI, is managed under Mr. Taehee Woo and by listed secretariat employees for operations and technical advisory body are same as below.

1. Mr. Taehee Woo, Executive Vice Chairman of KCCI
2. Mr. Youngjun Cho, Executive Director of KCCI Sustainable Management Institution
3. Dr. Nokyoung Kim, Head of KCCI Center for Carbon Reduction Certification
4. Dr. Jaesung Noh, Senior Manager & Research Fellow
5. Mr. Kyoungjin Im, Manager
6. Dr. Seehyung Lee, Manager
7. Mr. Youngnam Kim, Associate & Researcher
8. Mr. Namhee Kim, Director General of Planning and Program Development
9. Mr. Hyunsuk Kim, Senior Manager & Expert Advisor
10. Mr. Seokjae Chung, Manager & Expert Advisor
11. Mr. Junhyun Kim, Manager & Expert Advisor
12. Mr. Kwonbin Son, Technical Expert Advisor
13. Mr. Sungeun Kim, Technical Expert Advisor
14. Mr. Yungyul Choi, Technical Expert Advisor & Certified GHG Verifier
15. Ms. Seonyoung Moon, Technical Expert Advisor & Certified GHG Verifier

PART 2: Programme summary

Provide a summary description of your programme

KCCI was established in 1884 as a non-profit organization which aims to be a cornerstone to make a better industrial circumstance for public and private sectors, while we are helping them to do fair, transparent, competitive business that is necessary to their sustainable development. As a nationwide chamber of commerce with a long history, KCCI is being standalone and operating itself, against the government and any other facilities or companies, managing some missions for public interests under the commitment by the government, with no favor or interest.

To contribute for the sustainable growth on the globe, we established the SMI, a Sustainable Management Institution in 2005 to lead and support industries, especially finding a way to be ecological friendly in business field. This institution under KCCI has 6 subdivisions include Green Energy support, RE100 Center and so on.

Furthermore, we are emerging to find a solution to the global warming due to the carbon emissions what all the industries consider. As a result of this, we open a specific institution named KCCI Center for Carbon Reduction Certification, to set up a carbon standard to cope with carbon emissions issue on all industry sectors, such as aviation and marine sectors at global stage. Before the center was officially moved to KCCI in January 2023 and joined an open platform named Centro at <https://www.centero.kr/GHGProgram/KCS> to the public in February, it has been started since 2021 to manual operated its validation and verification procedures by experts and professionals, technically initiated by SK group in Korea, of which president is served without pay as a KCCI Chairman.

In addition to this, for keeping its fair and transparent operations of the center, it has been operated with two independent committees which are steering and certification, respectively. Each committee consists of professionals with their own authority and impacts being influenced in many different fields, such as governmental, academical and financial ways. Also, all the members' lists are posted on the official website.

Currently, we had established own standard named KCS, KCCI Carbon Standard with Requirements and Guidelines including general rules for the center, accounting methodologies, auditing project proposals, monitoring its results and managing registry system, respectably. As the Certification Center was moved from SK Group to KCCI, the 17 methodologies and respective projects from 13 companies were moved to KCCI as well. Furthermore, certified credits of 734,879 tCO₂eq from 4 companies were reissued in the name of KCRs, KCCI Certified Reductions. The methodologies, projects, and KCRs are all listed on the website above mentioned.

Especially on methodologies, 13 of 17 are newly made or invented by companies. All those methodologies, projects and its monitoring reports are required to be opened to the public through the official website, according to the KCS. We also have a space online to gather any opinions and critical comments from the public which are considered by auditing process to the committee and advisory group. In this regard, we continue encouraging the industries to invent new technologies for reducing carbon, since we believe that it would be a better way to contribute to the planet.

PART 3: Emissions Unit Programme Design Elements

Note—where “evidence” is requested throughout *Part 3* and *Part 4*, the programme is expected to provide web links to documentation and to identify the specific text, paragraph(s), or section(s) where TAB can find evidence of the programme procedure(s) in question. If that is not possible, then the programme may provide evidence of programme procedures directly in the text boxes provided (by copying/pasting the relevant provisions) and/or by attached supporting documentation, as recommended in “SECTION II: INSTRUCTIONS—**Form Completion: Supporting Evidence**”.

Note—“*Paragraph X.X*” in this form refers to corresponding paragraph(s) in Appendix A “Supplementary Information for Assessment of Emissions Unit Programmes”.

Note—Where the programme has any plans to revise the programme (e.g., its policies, procedures, measures, tracking systems, governance or legal arrangements), including to enhance consistency with a given criterion or guideline, provide the following information in response to any and all relevant form question(s):

- Proposed revision(s);
- Process and proposed timeline to develop and implement the proposed revision(s);
- Process and timeline for external communication and implementation of the revision(s).

Question 3.1. Clear methodologies and protocols, and their development process

Provide *evidence*⁹ that the programme’s qualification and quantification methodologies and protocols are *in place* and *available for use*, including where the programme’s existing methodologies and protocols are publicly disclosed: (*Paragraph 2.1*)

The Center has established a certification system by preparing the KCCI Carbon Standard that can quantify and measure technology-based greenhouse gas Projects in addition to traditional greenhouse gas Projects. Through this, companies can quantify the greenhouse gas reduction amount generated from products and services, and furthermore, use it as offset credits for carbon neutrality.

- Provision of Carbon Standard: Provide carbon standard that can objectively measure reductions
- Methodology Certification/Registration/Management: Certify, register, and manage methodologies measuring reduction effects from traditional GHG Projects and products and services provided by companies.
- Certification of monitoring results and issuance of reduction results: After the GHG Project is carried out according to the methodology and PDD, monitoring results with 3rd party verification are certified and issued.
- Registry Management/Provision: The Registry manages and provides information on retirement and transaction of issued reduction credits.

⁹ For this and subsequent “evidence” requests, evidence should be provided in the text box (e.g., web links to documentation), and/or in attachments, as recommended in “SECTION II: INSTRUCTIONS—*Form Completion*”.

As of March 2023, 17 methodologies have been registered and disclosed on the registry and are being used in projects. Those are open to the public on the website at <https://www.centero.kr/GHGProgram/KCS>

Summarize the programme's process for developing further methodologies and protocols, including the timing and process for revision of existing methodologies: (*Paragraph 2.1*)

KCS establishes and operates a process for registration of new methodologies and revision of existing methodologies to be used for certification on its online registry system named Centero at <https://www.centero.kr/GHGProgram/KCS>

(Step 1) Submission of methodology and PDD

The project proponents may prepare required documents e.g. methodology (new or renewed) registration forms and PDDs, for quantified measurement of GHG reductions and submit them to the Center all year round. Meanwhile, validation by a 3rd party auditor is required to submit the documents to the Center.

(Step 2) Conformity review of the methodology and PDD

The Center reviews the conformity of the applied documents e.g. methodology and PDD. The Center may utilize external experts for suitability review and request the project proponent for separate supporting data if necessary.

Conformity review takes up to 30 days and may be extended once, if necessary. Due diligence, including on-site evaluation, may be conducted if necessary, during the review process. The Center may request improvement to the documents up to 3 times during the conformity review and request additional 3rd party validation or verification in the process.

(Step 3) Deliberation of methodology and PDD

After the conformity review of the methodology and PDD is over, it is presented as an agenda to the Certification Committee. The Committee reviews the agenda based on the submitted documents and decides whether to approve it. If revisions to the methodology and PDD are deemed necessary during the deliberation process, the Center may request supplementation of data. The project proponent may check the deliberation results after the final deliberation is made.

Details of registering new methodology can be finalized through review by the center after applying for registration in accordance with Articles 2 to 5 of Methodology Management Requirements. Please refer to the Methodology Management Requirements > Article 2 to Article 5.

[Methodology Management Requirements]

Article 2 (Application for Methodology Registration)

1. The Center of Carbon Reduction Certification may review and approve the application for approval as a project methodology if a project proponent applies for approval of the project methodology by submitting the following documents.
 - ① Application of Methodology according to Document No. 3-1
 - ② Methodology Proposal according to Document No. 3-2
 - ③ Validation report of the 3rd party auditor on the project methodology. The 3rd party auditor shall refer to the Guideline 3-1 Evaluation Criteria for Methodology Validation in

- validating the project methodology.
- ④ A PDD applying the methodology applied for approval, if necessary. However, the methodology under Article 5 (3) shall be excluded.
2. The project methodology proposal under paragraph (1) 2 shall include the following:
 - ① General methodology and definition of terms
 - ② Baseline methodology
 - ③ Monitoring methodology
 - ④ References
 - ⑤ Other matters

Article 3 (Methodology Review)

1. KCCI Center for Carbon Reduction Certification may utilize external experts, if necessary, to review the methodology approval application pursuant to Article 2 (1).
2. KCCI Center for Carbon Reduction Certification shall prepare a review opinion on the methodology applied for approval, considering of the matters in each of the following subparagraphs, according to Document No. 3-3, and notify to the person applying for approval of the project methodology within 30 days from the date of receipt of the application for approval or the date of receipt of the revised/supplementary documents. However, if it is not possible to notify within the period due to unavoidable circumstances, the period shall be extended within the range of 30 days and the applicant shall be informed of the fact.
 - ① Adequacy of the methodology application conditions
 - ② Adequacy of the baseline methodology technology
 - ③ Adequacy of the monitoring methodology technology
 - ④ Other matters acknowledged important by KCCI Center for Carbon Reduction Certification
 - ⑤ Adequacy of corrective/supplementary measures if any
3. KCCI Center for Carbon Reduction Certification may request separate base data from those applying for approval of the project methodology for the review pursuant to Paragraph 2.
4. KCCI Center for Carbon Reduction Certification may reject the application for approval of the methodology by specifying the reason if the applicant for approval of the project methodology does not submit the base data as requested in paragraph 3.
5. A person applying for approval of a project methodology shall submit revised and supplementary documents to KCCI Center for Carbon Reduction Certification by the deadline specified in the methodology review opinion statement pursuant to paragraph 2. However, revision and supplementation of the application data according to the methodology review opinion is allowed up to 3 times.

Article 4 (Deliberation on Methodology Approval)

1. KCCI Center for Carbon Reduction Certification shall conduct a review on whether to approve the methodology.
2. KCCI Center for Carbon Reduction Certification shall request the certification committee to deliberate the data reviewed pursuant to Paragraph 1, prepare a methodology review result according to the Document No. 3-4, and notify it to the person applying for approval of the

relevant methodology. However, the Center shall not request deliberation to the certification committee if the application does not clearly conform to the Requirements.

Article 5 (Methodology Registration)

1. If KCCI Center for Carbon Reduction Certification deem it appropriate to approve the methodology based on the deliberation result under Article 4, it shall approve the methodology and immediately notify the person applying for approval of the methodology according to Document No. 3-5. The approved methodology (hereafter “approved methodology”) shall be registered in the registry as per the ‘Registry Management Requirements’ for the project proponents to apply.
2. KCCI Center for Carbon Reduction Certification shall perform follow-up management such as assigning a serial to the approved methodology.
3. KCCI Center for Carbon Reduction Certification may develop and approve a methodology by applying the procedures in Article 4 *mutatis mutandis*, if it is necessary to encourage projects and facilitate the voluntary carbon market.

Existing methodology is allowed to be revised in the following cases in accordance with Article 6 of the Carbon Standard, and procedures such as evaluation and approval of the revision are then in progress. Please refer to the Methodology Management Requirements > Article 6 > 1 > ① ~ ⑤.

[Methodology Management Requirements]

Article 6 (Methodology Revision)

1. KCCI Center for Carbon Reduction Certification may revise the approved methodology in the following cases.
 - ① Where 5 years have elapsed since the registration of the existing approved methodology, requiring renewal
 - ② Where new scientific evidence is discovered that the reduction from applying the existing approved methodology is presumed to be overestimated or underestimated
 - ③ Where the existing approved methodology is no longer adequate for domestic and overseas circumstances due to changes in conditions e.g. revision of laws, technological development, etc.
 - ④ Where the terms or formulas of the existing approved methodology found to be inconsistent, or have errors or ambiguities
 - ⑤ Where it is necessary to simplify or clarify the existing approved methodology for the users to use conveniently.

The above information can be confirmed by the standard posted on Centero system at <https://www.centero.kr/GHGProgram/KCS>

Provide *evidence of the public availability* of the programme’s process for developing further methodologies and

protocols: (*Paragraph 2.1*)

KCS discloses program procedures for new methodology development and provides information so that all proponents who wish to participate in KCS can use on its online registry system named Centro at <https://www.centero.kr/GHGProgram/KCS>

(Step 1) Submission of methodology and PDD

The project proponents may prepare required documents e.g. methodology (new or renewed) registration forms and PDDs, for quantified measurement of GHG reductions and submit them to the Center all year round. Meanwhile, validation by a 3rd party auditor is required to submit the documents to the Center.

(Step 2) Conformity review of the methodology and PDD

The Center reviews the conformity of the applied documents e.g. methodology and PDD. The Center may utilize external experts for suitability review and request the project proponent for separate supporting data if necessary.

Conformity review takes up to 30 days and may be extended once, if necessary. Due diligence, including on-site evaluation, may be conducted if necessary, during the review process. The Center may request improvement to the documents up to 3 times during the conformity review and request additional 3rd-party validation or verification in the process.

(Step 3) Deliberation of methodology and PDD

After the conformity review of the methodology and PDD is over, it is presented as an agenda to the Certification Committee. The Committee reviews the agenda based on the submitted documents and decides whether to approve it. If revisions to the methodology and PDD are deemed necessary during the deliberation process, the KCCI Center for Carbon Reduction Certification may request supplementation of data. The project proponent may check the deliberation results after the final deliberation is made.

Question 3.2. Scope considerations

Summarize the level at which activities are allowed **under** the programme (e.g., project based, programme of activities, jurisdiction-scale): (*Paragraph 2.2*)

KCS targets projects that include activities to fundamentally eliminate or improve greenhouse gas emission sources, and there is no separate restriction on the amount of the projects. Please refer to the Project Management Requirements> Article 2 to 3.

[Project Management Requirements]

Article 2 (Approval Subject)

1. Projects that can be approved as Projects according to KCS (hereafter “Projects subject to approval”) shall be limited to projects that include activities to fundamentally remove or improve GHG emission sources. However, KCCI Center for Carbon Reduction Certification shall not approve GHG reduction due to behavioral changes such as simple production reduction and maintenance as a Project.
2. KCCI Center for Carbon Reduction Certification may approve a Project subject to approval as

a Project if it satisfies the criteria in each of the following subparagraphs.

- ① Approval shall be limited to projects where the Project proponent reduces, absorbs, or removes GHGs in a way conforming to the KCS criteria in the evaluation boundary.
- ② GHG reduction shall not have occurred while fulfilling mandatory matters under other laws and regulations. However, it is possible to apply cases that occurred while implementing the mandatory requirements in excess.
- ③ Reductions shall occur through additional actions and measures beyond those that can be implemented under normal business conditions.
- ④ Reductions shall be sustainable, quantified, and verifiable.
- ⑤ Projects shall apply the methodology approved by KCCI Center for Carbon Reduction Certification.

Article 3 (Scale and Classification of Projects Subject to Approval)

1. Projects subject to approval shall not limit the minimum GHG reduction amount.

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Summarize the eligibility criteria for each type of offset activity (e.g., which sectors, project types, and geographic locations are covered): (*Paragraph 2.2*)

Projects can be classified into 15 categories including energy industry, energy supply, energy demand, manufacturing, chemical industry, construction, and transportation. Please refer to the Project Management Requirements> Article 3 > 2 > ① to ⑮.

[Project Management Requirements]

Article 3 (Scale and Classification of Projects Subject to Approval)

2. Projects subject to approval shall be classified according to the following subparagraphs.
 - ① Energy industry
 - ② Energy supply
 - ③ Energy demand
 - ④ Manufacturing industry
 - ⑤ Chemical industry
 - ⑥ Construction
 - ⑦ Transportation
 - ⑧ Mining ` Minerals
 - ⑨ Metal industry
 - ⑩ Fugitive emissions from fuel
 - ⑪ Fugitive emissions from production and consumption of carbon halide and sulfur hexafluoride, fugitive emissions from production and consumption of nitrogen trifluoride
 - ⑫ Waste handling and disposal
 - ⑬ Forest
 - ⑭ Agriculture
 - ⑮ Carbon dioxide capture and storage or reuse

Provide *evidence* of the Programme information defining a) level at which activities are allowed under the Programme, and b) the eligibility criteria for each type of offset activity, including its availability to the public: (Paragraph 2.2)

- a) Project Management Requirements provide evidence.
- b) KCS and Project Management Requirements provide evidence.

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Question 3.3. Offset credit issuance and retirement procedures

Are procedures in place defining how offset credits are... (Paragraph 2.3)	
a) issued?	<input checked="" type="checkbox"/> YES
b) retired / cancelled?	<input checked="" type="checkbox"/> YES
c) subject to discounting (if any)?	<input checked="" type="checkbox"/> YES
Are procedures in place defining... (Paragraph 2.3)	
d) the length of crediting period(s)?	<input checked="" type="checkbox"/> YES
e) whether crediting periods are renewable?	<input checked="" type="checkbox"/> YES

Provide evidence of the procedures referred to in a) through e) (if any, in the case of “c”), including their availability to the public:

- a) Project Management Requirements provide evidence of definition of issuance. Please refer to the Project Management Requirements> Article 29 > 1.

[Project Management Requirements]

Article 29 (Issuance of Project Certified reduction)

- 1. KCCI Center for Carbon Reduction Certification shall issue certified reduction of Projects corresponding to the GHG reductions of certified Projects under Article 27 in integer units (rounded down to the nearest decimal point) to the issuance account for registered Projects.

- b) Project Management Requirements provide evidence of definition of retirement/cancellation. Please refer to the Project Management Requirements> Article 28 > 1 > ① to ③.

[Project Management Requirements]

Article 28 (Revocation of Project GHG Reduction Certification)

- 1. KCCI Center for Carbon Reduction Certification may revoke certification through deliberation

by the Certification Committee if the certified reduction of Projects certified pursuant to Article 27 (1) falls under any of the following subparagraphs. However, the certification shall be revoked if it falls under subparagraph 1.

- ① Where the GHG reductions has been certified by deceit or fraudulent means
- ② Where the GHG reduction is used in duplicate in other systems or projects
- ③ Where difficult to deem the project as an additional effort beyond the activities that can be implemented under normal business conditions due to the revision of the law

- c) KCS does not have a specific clause requiring credit discounts for each Project in the program, but it requires that the baseline must be adjusted according to technological progress by reevaluating the baseline through periodic revision (5 years) of the methodology. Please refer to the Methodology Management Requirements> Article 6 > 1 > ①.

[Methodology Management Requirements]

Article 6 (Methodology Revision)

1. KCCI Center for Carbon Reduction Certification may revise the approval methodology in the following cases.
 - ① Where 5 years have elapsed since the registration of the existing approval methodology, requiring renewal

- d), e) The crediting period of KCS is 5 years (can be extended 2 times) for general projects and 15 years (can be extended 2 times) for the forest sector. Please refer to the Project Management Requirements> Article 5> 2 to 3.

[Project Management Requirements]

Article 5 (Certification Crediting Period)

2. The certification crediting period under Paragraph 1 shall be within 5 years from the date the Project is approved pursuant to Article 10, but the extension shall be limited to two times. However, the criteria and principles according to KCS must be re-evaluated in case of extension.
3. Notwithstanding paragraph 2, the certification crediting period for Projects belonging to the forestry sector shall be within 15 years from the date of Project approval pursuant to Article 10, but extension shall be limited to two times. However, the criteria and principles according to KCS must be re-evaluated in case of extension.

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Question 3.4 Identification and Tracking

Does the programme utilize an electronic registry or registries? (Paragraph 2.4.2)	<input checked="" type="checkbox"/> YES
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Provide web link(s) to the programme registry(ies) and indicate whether the registry is administered by the programme or outsourced to a 3rd party (*Paragraph 2.4.2*):

The registry of KCS is managed and operated by Centero system, and you can check all information on application and approval for the program's process, methodology, project, certified reduction, etc. on Centero system at <http://kcs.centero.kr> Please refer to the Registry Management Requirements> Article 3> 1.

[Registry Management Requirements]

Article 3 (Management and Operation of Registry)

1. KCCI Center for Carbon Reduction Certification shall manage the registry to ensure availability and confidentiality, and manage the issuance, transfer, and disposal of Project certification results in the form of an electronic database.

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Does the programme have procedures in place to ensure that the programme registry or registries....:	
a) have the capability to transparently identify emissions units that are deemed ICAO-eligible, in all account types ? (<i>Paragraph 2.4.3</i>)	<input checked="" type="checkbox"/> YES
b) identify, and facilitate tracking and transfer of, unit ownership/holding from issuance to cancellation/retirement? (<i>Paragraphs 2.4 (a) and (d) and 2.4.4</i>)	<input checked="" type="checkbox"/> YES
c) identify unit status, including retirement / cancellation, and issuance status? (<i>Paragraph 2.4.4</i>)	<input checked="" type="checkbox"/> YES
d) assign unique serial numbers to issued units? (<i>Paragraphs 2.4 (b) and 2.4.5</i>)	<input checked="" type="checkbox"/> YES
e) identify in serialization, or designate on a public platform, each unique unit's country and sector of origin, vintage, and original (and, if relevant, revised) project registration date? (<i>Paragraph 2.4.5</i>)	<input checked="" type="checkbox"/> YES
f) are secure (i.e. that robust security provisions are in place)? (<i>Paragraph 2.4 (c)</i>)	<input checked="" type="checkbox"/> YES

Summarize and provide evidence of the procedures referred to in a) through f), including the availability to the public of the procedures referred to in b), d), and f):

- a) KCS identifies and manages the offset credits subject to ICAO separately from the registry. In accordance with Article 6 of the KCS, the issuance of CORSIA eligible units is separately managed. After being officially recognized by CORSIA eligible program in the future, it will be updated considering the specificity of CORSIA. Please refer to the Project Management Requirements > Article 32 > 1 > ①, ③.

[Project Management Requirements]

Article 32 (Special Cases concerning Issuance of CORSIA Certification Results)

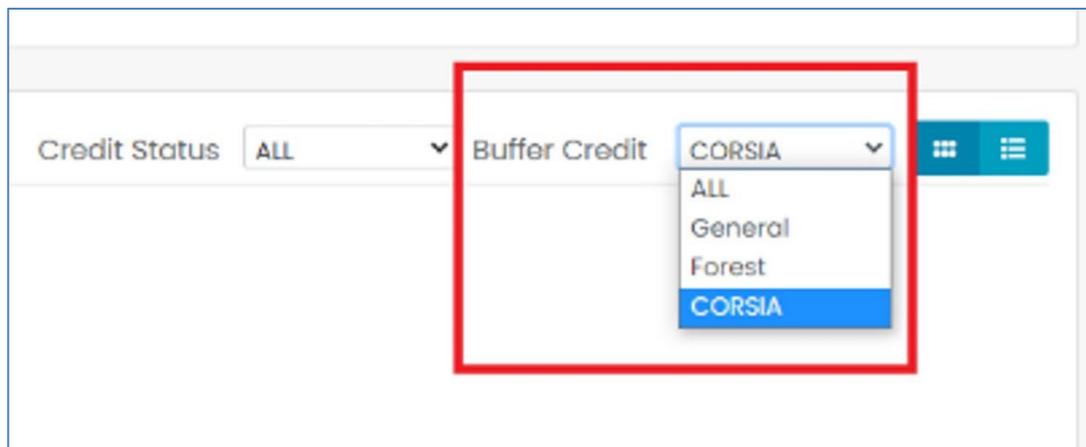
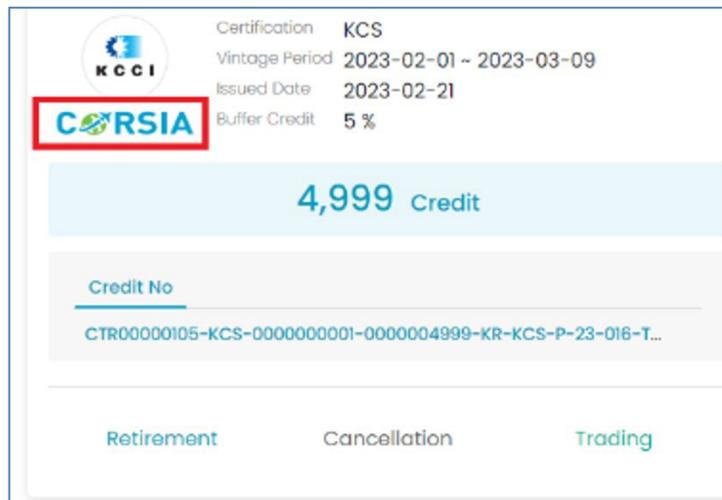
1. Notwithstanding the provisions of this guideline, the following special cases apply in relation to the issuance of certification results to be used in the CORSIA system.

- ① The Project proponent intending to use certified reduction for the CORSIA system shall submit

written document that publicly guaranteeing that the concerned certified reduction will not be double used for CORSIA implementation of airlines, national NDC achievement or other form of Project, etc. from the country where the certification results occur (hereafter the “host country”) prior to application for registration of the Project.

- ③ KCCI Center for Carbon Reduction Certification shall separately classify the Project certification results issued with the issuance account of the Projects registered in accordance with Item 1, and transfer part of the Project certification results to the CORSIA buffer account considering the risk of project implementation and issue the Project certified reduction to the account held by the Project proponent for the amount excluding the transferred amount.

Regarding the answer a), in addition to the above article, the labelling function for CORSIA eligible emissions units in KCS has been developed by its registry system named Centro at <http://kcs.centero.kr> as demonstration shown below.



On the above image, you may recognize the label of CORSIA eligible and options to select it.

- b) Issuance, cancellation, retirement, and status of certification results are managed and identified through the Centro system in accordance with Project Management Requirements. Please refer to the Project

[Project Management Requirements]

Article 30 (Transfer, Trading and Use of Project Certified reduction)

1. KCCI Center for Carbon Reduction Certification may transfer the certified reduction as requested if a person intending to transfer the certified reduction registered in the holding account to another Project participant’s holding account (transferor) and a person intending to receive the transfer (transferee) apply for the transfer by submitting the following documents.
 - ① Transfer application according to Document No. 4-12
 - ② Evidentiary materials to confirm the relevant contract details
 2. KCCI Center for Carbon Reduction Certification shall review the application and decide whether to approve the transfer.
 3. Upon transferring the Certified Reduction pursuant to Paragraph 1, the KCCI Center for Carbon Reduction Certification shall transfer the relevant person registered in the account held by the person applying for the transfer to the cancellation account and register the transferred certified reduction to the account held by the person receiving the transfer according to the application.
 4. In the case of trading certified reduction, the person intending to sell (transferor) and the person intending to buy (transferee) shall submit the following documents.
 - ① Application for transaction according to Document No. 4-13
 - ② Evidentiary materials to confirm the relevant contract details
 5. In the case of using certified reduction, the person using the certified reduction shall submit the following documents.
 - ① Report on use according to Document No. 4-14
 - ② A document to confirm the related usage plan
- c) The status of issuance, retirement, or cancellation of certified reduction by projects can be checked in the “Status” section of the project list in the Centero system at <http://kcs.centero.kr> as demonstration shown below.

Project No.	Title	Proponent	Applicable Projects	Methodology	Country	Region	Estimate of Reduction Size	Open Comment	Project Registration Date	Credit Period	Credit Size (ton)	Status
KCS-P-23-002	스마트윈도우 - SKC	SKC	Energy Ind.	KCS-23-005	Republic of...	Asia	40	0	2023-03-20			UPDOC
KCS-P-23-001	SK에너지공 해...	SK에너지공	Waste Man.	KCS-23-002	Republic of...	Asia	32	0	2023-03-17			UPDOC

- d) The ‘serial number assignment rule’ is defined in Registry Management Requirements and Guideline 5-1, and the serial number information is managed by implementing the criteria on Centero system. Please refer to the Registry Management Requirements > Article 2 > 1 and Guideline 5-1 > Registry Serial Number Assignment Criteria > 3.

[Registry Management Requirements]

Article 2 (Establishment of Registry)

1. KCCI Center for Carbon Reduction Certification shall establish a registry that includes the following functions for a series of processes, including methodology registration, project registration, and issuance, transfer, and disposal of project certified reduction, can be electronically recorded, and managed. **It shall be managed by assigning serial numbers according to Guideline 5-1.**

[Guideline 5-1] Registry Serial Number Assignment Criteria

3. Reductions Serial Number Assignment Criteria

KCCI Center for Carbon Reduction Certification must assign a serial number, including the following information, to the approved or issued reductions and register it in the KCS registry.

- (1) Reductions (KCR) start number
- (2) Reductions (KCR) end number
- (3) Country code
- (4) Project registration number
- (5) Project type
- (6) Project monitoring start date
- (7) Project monitoring end date

- e) Country, Region, Applicable Projects, Crediting Period, etc. of certified reduction are managed by Centero system at <http://kcs.centero.kr> as demonstration shown below.

Project No.	Title	Proponent	Applicable Projects	Methodology	Country	Region	Estimate of Reduction Size	Open Comment	Project Registration Date	Credit Period	Credit Size (ton)	Status
KCS-P-23-002	스마트윈도우 ...	SKC	Energy Ind...	KCS-23-005	Republic of...	Asia	40	0	2023-03-20			JPDGC
KCS-P-23-001	SK텔레콤 해...	SK텔레콤	Waste Man...	KCS-23-002	Republic of...	Asia	32	0	2023-03-17			JPDGC

- f) The Centero system is a system built on Microsoft Azure and is operated with various security equipment. Users pass through the security network area such as Landing Zone or Security Zone to access the Centero system. In the security network area, the Centero system is protected using solutions such as web firewall, IPS, vaccine, and access control. It is operated to respond to cyber security by contacting the manager when a problem occurs by monitoring the control personnel.

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

List any/all international data exchange standards to which the programme’s registry(ies) conform: (Paragraph 2.4 (f))

KCS is open to any other registries if the standards align with KCS and have a proof of evidence to show there is no double issuance. Methodologies that were registered from other registries:

1. AMS-II.G.: Energy efficiency measures in thermal applications of non-renewable biomass from CDM
2. Methodology of Forest management project by extending age of final cutting from Korean National Forest Certification System of Forestry and Mountain Villages Development Promotion Act were registered in KCS. For more detail about Korean National Forest Certification System, please refer to its website which

operates only in Korean language, at <https://carbonregistry.forest.go.kr>

Are policies and robust procedures in place to...	
a) prevent the programme registry administrators from having financial, commercial or fiduciary conflicts of interest in the governance or provision of registry services? (<i>Paragraph 2.4.6</i>)	<input checked="" type="checkbox"/> YES
b) ensure that, where such conflicts arise, they are appropriately declared, and addressed and isolated? (<i>Paragraph 2.4.6</i>)	<input checked="" type="checkbox"/> YES

Summarize and provide evidence of the policies and procedures referred to in a) and b):

- a) The secretariat of the KCCI center for Carbon Reduction Certification manages policies and procedures to meet the requirements for conflict of interest and fairness in the deliberation agenda of the members of the steering committee, the certification committee, the secretariat staff, and the registry manager. Please refer to the KCCI Center for Carbon Reduction Certification Operation Requirements > Article 2 > 1 > ⑧.

[KCCI Center for Carbon Reduction Certification Operation Requirements]

Article 2 (Responsibility and Authority)

1. The Secretariat shall

⑧ The Secretariat shall manage the Steering Committee, Certification Committee, Secretariat staff, and Registry Manager to ensure that they satisfy the requirements for disclosure of security matters learned during KCS duties, conflict of interest and fairness in the deliberation agenda and make a pledge in Document No. 1 and Document No. 2-2.

- b) The purpose is to prevent problems related to conflict of interest and fairness, but if such problems occur, re-evaluation and cancellation of reductions, etc. are reviewed through the certification committee.

Are provisions in place...	
a) ensuring the screening of requests for registry accounts? (<i>Paragraph 2.4.7</i>)	<input checked="" type="checkbox"/> YES
b) restricting the programme registry (or registries) accounts to registered businesses and individuals? (<i>Paragraph 2.4.7</i>)	<input checked="" type="checkbox"/> YES
c) ensuring the periodic audit or evaluation of registry compliance with security provisions? (<i>Paragraph 2.4.8</i>)	<input checked="" type="checkbox"/> YES

Summarize and provide evidence of the registry security provisions referred to in a) through c):

- a) If you want to register an account on Centero system, you can request an account registration, and the center reviews it and decides whether to register. Please refer to the Registry Management Requirements > Article 4 > 1, 4.

[Registry Management Requirements]

Article 4 (Registration of Holding Accounts, etc.)

1. A person who became a project participant and intends to register a holding account shall submit the following documents to KCCI Center for Carbon Reduction Certification electronically.
 - ① Application for registry account creation according to Document No. 5-1
 - ② Documents proving the identity (copy of corporate register and business registration certificate or documents equivalent thereto)
 - ③ Consent for the performance of account management tasks by the account representative and account manager pursuant to Article 6
 - ④ Consent to provision, etc. of personal information
 4. KCCI Center for Carbon Reduction Certification shall review the application for registration of a Project holding account submitted pursuant to Paragraph 1 and, if appropriate, register the account held in the name of the applicant or corporation in the registry.
- b) Account registration on Centero is available for both individuals and corporations, and the account representative must be the owner of the account in the case of an individual, and the representative of the corporation in the case of a corporation. Representatives of corporate accounts may appoint no more than two account managers. Please refer to the Registry Management Requirements > Article 6 > 1 to 3.

[Registry Management Requirements]

Article 6 (Account Representative and Account Manager)

1. The account representative shall be the person in each of the following subparagraphs.
 - ① The account holder for individual accounts
 - ② The representative of the corporation for corporate accounts
 2. The representative of corporate accounts may designate up to two account managers.
 3. The person who can apply for the transfer of certified reduction in the holding account is limited to the account representative under Paragraph 1 and the account manager under Paragraph 2.
- c) The security team within Centero conducts (1) Secure-Coding (2) Infra vulnerability inspection (3) mock hacking, which must be received during system launch. System open is permitted only when there are no problems in all items. In addition, the security team conducts system vulnerability checks on a regular basis. When vulnerabilities are discovered, we proceed with vulnerability security plans and implementation checks.

Question 3.5 Legal nature and transfer of units

Does the programme define and ensure the following:	
---	--

a) the underlying attributes of a unit? (Paragraph 2.5)	<input checked="" type="checkbox"/> YES
b) the underlying property aspects of a unit? (Paragraph 2.5)	<input checked="" type="checkbox"/> YES

Summarize and provide evidence of the processes, policies, and/or procedures referred to in a) and b), including their availability to the public:

- a) KCS defines the criteria for the issuance of certified reduction as practicality, additionality, sustainability, and verifiability, and there is the stage all results are evaluated whether they meet the criteria from the 3rd party validation and verification. Please refer to the KCCI Carbon Standard > Article 4 > 1 to 2.

[KCCI Carbon Standard]

Article 4 (Composition)

1. KCS includes the principles of ISO 14064-2, the basis for international certification systems (CDM, VCS, etc.) and domestic external project certification systems.
2. KCS consists of requirements, evaluation methods, and certification procedures.

Requirements	<p>[Standard Principles] Requirements to meet reality, additionality, sustainability, and verifiability.</p> <p>[Evaluation Target] Projects implemented after the enforcement date of the Framework Act on Low Carbon, Green Growth (April 14, 2010)</p> <p>[Crediting period] Renewal/re-examination mandatory on exceeding 5 years after approval/registration</p>
Evaluation method	<p>[Evaluation Criteria] Based on the methodology registered in the registry</p> <p>[Scope of evaluation] Project reducing GHGs specified by UNFCCC</p>
Certification procedure	<p>[Issuance type] Issued in units of 1 ton (tCO₂eq)</p> <p>[Certification procedure] Issued through 3rd party verification and certification committee resolution</p>

<Table 1> KCS Constituents

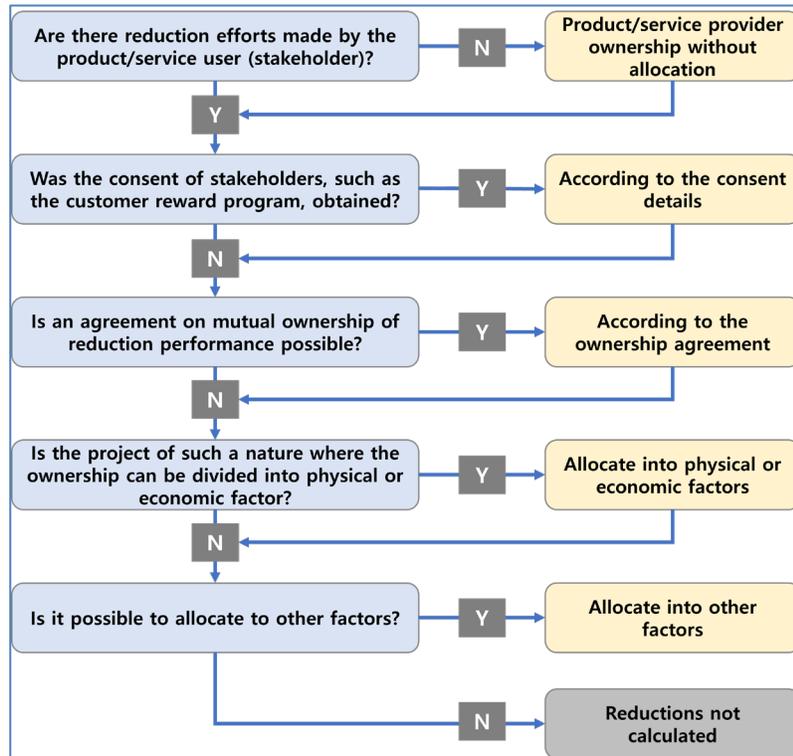
- b) KCS identifies the ownership of the certified reduction and transfers it to the account held by the relevant project proponent. Please refer to the Project Management Requirements > Article 29 > 2.

[Project Management Requirements]

Article 29 (Issuance of Project Certified Reduction)

2. KCCI Center for Carbon Reduction Certification shall transfer the Project certified reduction issued pursuant to Paragraph 1 to the account held by the project proponent depending on the project monitoring report of the relevant project registered in the registry or the distribution of ownership of the Project certified reduction or reduction contribution as determined in the evidentiary materials related to the transfer of certified reduction. Confirmation of ownership

or reduction contribution shall be determined by considering the characteristics of the project by referring to the following criteria to clarify the operation and responsibility for the project and not to overestimate the reduction effect.



[Criteria for Determining Ownership or Reduction Contribution of Projects]

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Question 3.6 Validation and verification procedures

Are standards, requirements, and procedures in place for... (Paragraph 2.6)	
a) the validation of activities?	<input checked="" type="checkbox"/> YES
b) the verification of emissions reductions?	<input checked="" type="checkbox"/> YES
c) the accreditation of validators?	<input checked="" type="checkbox"/> YES
d) the accreditation of verifiers?	<input checked="" type="checkbox"/> YES

Provide evidence of the standards, requirements, and procedures referred to in a) through d), including their availability to the public:

- a) KCS has standards, requirements, and procedures for the validation of projects. The secretariat reviews the suitability of the project according to Article 7 of Project Management Requirements. Please refer to the Project Management Requirements > Article 7 > 1 > ① to ⑨.

[Project Management Requirements]

Article 7 (Project Conformity Review)

1. KCCI Center for Carbon Reduction Certification shall conduct a compliance review considering the following subparagraphs in conducting an evaluation pursuant to Article 6. At the time, KCCI Center for Carbon Reduction Certification may utilize external experts for the conformity review.
 - ① Compliance with the general requirements of the Project
 - ② Adequacy of the applied methodology
 - ③ Adequacy of the baseline scenario
 - ④ Adequacy of the additionality demonstration
 - ⑤ Adequacy of the emission calculation method
 - ⑥ Adequacy of the monitoring plan
 - ⑦ Adequacy of the certification crediting period
 - ⑧ Duplicate registration of the Project
 - ⑨ Adequacy of corrective/supplementary measures if any

- b) KCS requires 3rd party verification of reduction. Project Management Requirements define the principle of validation, the procedure for validation, and the evaluation criteria for validation.
Please refer to the Project Management Requirements > Article 22 to 23 and Document No. 4-1.
Application for Project Approval.

[Project Management Requirements]

Article 22 (Principle of Validation)

Verification of Project GHG emissions shall be based on facts according to objective data and evidence, and the details shall be transparently recorded in the verification report.

Article 23 (Verification of Project GHG Reductions)

1. A project proponent shall prepare relevant documents, including a project monitoring report pursuant to Article 21, and request verification of the GHG reductions to a 3rd party auditor if GHG reduction occurs from implementing the project.
2. The 3rd party auditor shall objectively evaluate the project monitoring report prepared by the project proponent.
3. The 3rd party auditor shall prepare a validation report by considering each of the following subparagraphs in evaluating the validation of Project GHG reductions.
 - ① Evaluation of changes after PDD submission
 - ② Project implementation according to the PDD
 - ③ Compliance with the PDD according to the applied methodology
 - ④ Implementation of monitoring according to the PDD
 - ⑤ Data evaluation and GHG reduction (absorption) calculation
 - ⑥ Data quality control and quality assurance procedures
 - ⑦ Duplicate certification of GHG reduction in other systems
4. The 3rd party auditor may request revision and supplementary measures if supplementation is

- required based on the results of document review and on-site survey, and the requested project proponent shall take appropriate measures for the revised and supplemented matters.
5. The 3rd party auditor shall prepare a verification report on the evaluated results and notify the project proponent.
 6. The 3rd party auditor shall evaluate according to the evaluation criteria in Guideline 4-1 for verifying the project GHG reductions.

The above information and [Document No. 4-1] Application for Project Approval can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

- c) The validation assessment for the PDD of the project is primarily conducted by the 3rd party auditor, and the certification center conducts the final evaluation based on the results. Verification is also carried out by a 3rd party auditor. The 3rd party auditors must establish a project evaluation process and auditor management system, etc., and must be able to manage and provide them transparently. The 3rd party auditors must meet one or more of the following requirements: institutions registered as project validation and verification organizations in local or global programs; Organizations that meet relevant international standards such as ISO 14065: 2013 and IAF MD 6: 2014 and have individual auditors qualified to evaluate projects. Please refer to the KCCI Carbon Standard >Article 5 > 4 > ① to ④.

[KCCI Carbon Standard]

Article 5 (Standard Principles)

KCS shall define the standard principles including all the common principles of domestic and overseas GHG reduction inspection and certification systems, ‘practicality, additionality, sustainability, and verifiability.’

4. Verifiability
 - ① Validation & Verification
Validation & Verification by an independent 3rd party auditor is necessary apply for methodology and PDD registration or to submit reductions monitoring reports according to KCS.
 - ② Eligibility of 3rd party auditor
 - The 3rd party auditor must be registered as an agency in domestic and international reduction systems or satisfy relevant international standards such as ISO 14065: 2013 and IAF MD 6: 2014, and have auditors qualified for evaluating Projects.
 - The 3rd party auditor must have a project evaluation process and auditor management system, etc., and be able to provide them transparently.
 - ③ Tasks of a 3rd party auditor
 - The 3rd party auditor validates the methodology upon its registration, revision and renewal, the project plan upon the registration, revision, and renewal of the project, and the GHG reductions of the registered projects, and implements necessary measures, such as requests for revision or supplementation of verification, upon certifying the GHG

reductions.

④ Assurance level

- While it is recommended to obtain a reasonable guarantee from a 3rd party auditor for the GHG reduction or removal amount, limited guarantees are also allowed.

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Question 3.7 Programme governance

Does the programme publicly disclose who is responsible for the administration of the programme? (Paragraph 2.7)	<input checked="" type="checkbox"/> YES
Does the programme publicly disclose how decisions are made? (Paragraph 2.7)	<input checked="" type="checkbox"/> YES

Provide evidence that this information is available to the public:

KCCI Center for Carbon Reduction Certification operates KCS and related personnel and organizational charts can be found on Centero at <http://kcs.centero.kr> Details of the decision-making method of KCS are disclosed on the KCS website, and after the actual decision-making is completed, all committee meeting minutes and final deliberation resolutions for public disclosure are uploaded to the website to determine the decision-making process and the results to disclose.

As mentioned on the beginning, the KCCI Center for Carbon Reduction Certification evaluates methodologies and projects for various GHG reduction activities and provides objective and reliable assurance of the reductions. The center is composed of two committees and a secretariat supporting them, as the organization chart shown below.



The main functions are as follows.

① Steering Committee

- Deliberates and certifies carbon standards

- Facilitates the voluntary carbon market and sets up support plans, etc.
- ② Certification Committee
 - Deliberates and certifies methodology and PDDs
 - Deliberates and certifies results of carbon reductions
- ③ Secretariat
 - Reviews applications for certification of methodology and reductions
 - Supports the operation of each committee
 - Conducts operational affairs related to the operation of certification center

Regarding the Information Disclosure and Stakeholder Opinion Gathering, The Center transparently discloses all standard documents, procedures, and approval results, excluding business secrets of project proponents, to secure trust by hearing and reflecting stakeholder opinions.

The KCS and approved methodologies are reviewed periodically to ensure compliance with current requirements, international best practices, and scientific consensus. Opinions from stakeholders are collected and reflected in newly applied methodologies or significant changes to the KCS, requirements, guidelines, and approved methodologies.

Can the programme demonstrate that it has... (<i>Paragraph 2.7.2</i>)	
a) been continuously governed for at least the last two years?	<input checked="" type="checkbox"/> YES
b) been continuously operational for at least the last two years?	<input checked="" type="checkbox"/> YES
c) a plan for the long-term administration of multi-decadal programme elements?	<input checked="" type="checkbox"/> YES
d) a plan for possible responses to the dissolution of the programme in its current form?	<input checked="" type="checkbox"/> YES

Provide evidence of the activities, policies, and procedures referred to in a) through d):

- a) The related work of the center has been organized and carried out since 2021, to manual operated its validation and verification procedures by experts and professionals.
- b) It continues to operate continuously as of March 2023.
- c) The crediting period of KCS is 5 years (can be extended 2 times) for general projects and 15 years (can be extended 2 times) for the forest sector.
- d) Even if KCS is disbanded in the future, the Korea Chamber of Commerce and Industry will supervise and manage follow-up measures for related implementation matters. In addition to this, please refer to the Project Management Requirements > Article 5 > 2 to 3.

Article 5 (Certification Crediting Period)

2. The certification crediting period under paragraph 1 shall be within 5 years from the date the Project

is approved pursuant to Article 10, but the extension shall be limited to two times. However, the criteria and principles according to KCS must be re-evaluated in case of extension.

3. Notwithstanding paragraph 2, the certification crediting period for projects belonging to the forestry sector shall be within 15 years from the date of project approval pursuant to Article 10, but extension shall be limited to two times. However, the criteria and principles according to KCS must be re-evaluated in case of extension.

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Are policies and robust procedures in place to...	
a) prevent the programme staff, board members, and management from having financial, commercial or fiduciary conflicts of interest in the governance or provision of programme services? (<i>Paragraph 2.7.3</i>)	<input checked="" type="checkbox"/> YES
b) ensure that, where such conflicts arise, they are appropriately declared, and addressed and isolated? (<i>Paragraph 2.7.3</i>)	<input checked="" type="checkbox"/> YES

Summarize and provide evidence of the policies and procedures referred to in a) and b):

- a) The secretariat of the certification center manages policies and procedures to meet the requirements for conflict of interest and fairness in the deliberation agenda of the members of the steering committee, the certification committee, the secretariat staff, and the registry manager. Please refer to KCCI Center for Carbon Reduction Certification Operation Requirements > Article 1 > 1 > ⑧ and Document No. 2-1. Pledge of Confidentiality and Document No. 2-2. Confirmation of Interests.

[KCCICenter for Carbon Reduction Certification Operation Requirements]

Article 1 (Responsibility and Authority)

1. The Secretariat shall
 - ⑧ The Secretariat shall manage the Steering Committee, Certification Committee, Secretariat staff, and Registry Manager to ensure that they satisfy the requirements for disclosure of security matters learned during KCS duties, conflict of interest and fairness in the deliberation agenda and make a pledge in Document No. 1 and Document No. 2-2.

[Document 2-1] Pledge of Confidentiality

I hereby pledge not to disclose any information obtained in the activities relating to the Korean Chamber of Commerce and Industry's carbon reduction certification work without the permission of the Committee and not use undisclosed information among the above for the interests of myself or a third party without justifiable reasons. By signing this form, I confirm and pledge to perform reasonable roles for confidentiality and prohibition on using information and fulfill all responsibilities concerning violations.

[Document 2-2] Confirmation of Interests

Matters of Interests	Response
Do you have experience working in a department or consulting agency of a Project directly related to this deliberation agenda over the last two years?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Do you have experience in project participation, consultation, and consulting related to this deliberation agenda over the past two years?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Have you ever received financial benefits or threats concerning this work from a Project related to this deliberation agenda?	<input type="checkbox"/> Yes <input type="checkbox"/> No

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

- b) To prevent problems related to conflict of interest and fairness at the source, if such problems occur, re-evaluation of results, cancellation of results, etc. are reviewed through the certification committee.

If the programme is not directly and currently administered by a public agency, can the programme demonstrate up-to-date professional liability insurance policy of at least USD\$5M? (<i>Paragraph 2.7.4</i>)	<input type="checkbox"/> YES
--	------------------------------

Provide evidence of such coverage:

In the case of liability insurance for the KCS, as of March 2023, we have requested a quote both from a global liability insurance and local reinsurance company and got an insurance application form as shown above from Hyundai Marine and Fire Insurance Company based in Seoul to design products that can guarantee at least USD 5 million compensation required by CORSIA. Provided that KCS program is allowed to be enlisted in CORSIA, KCCI Center will subscribe Professional Indemnity Errors and Omissions Insurance within 6 months from the date requested to do so by ICAO.

정약서

계약번호 : F202302091862 계약자 : 대한상생화재보험

1* 기본사항

2* 계약대상

3* 배상보장사항

4* 보충조건

정약서

계약번호 : F202302091862 계약자 : 대한상생화재보험

1* 보충조건

2* 계약의 면제 의무사항

3* 계약금보험금제도

4* 계약자 보호요건

정약서

계약번호 : F202302091862 계약자 : 대한상생화재보험

2* 기타

3* 수납사항

4* 불만처리절차

For more detail about an expected insurance issuer, Hyundai Marine and Fire Insurance Company, please refer to its website, available in English and Korean, at <https://www.hi.co.kr>

In addition to the insurance, KCCI Center is trying to minimize such risks under the credibility and reputation of KCCI in the country and a company that operates the Centro site maintains the Centro site maintains the highest level of security and integrity.

Question 3.8 Transparency and public participation provisions

Does the programme publicly disclose... (Paragraph 2.8)	
a) what information is captured and made available to different stakeholders?	☑ YES
b) its local stakeholder consultation requirements (if applicable)?	☑ YES
c) its public comments provisions and requirements, and how they are considered (if applicable)?	☑ YES

Provide evidence of the public availability of items a) through c):

- a) KCS transparently discloses all standard documents and procedures and approval results except business secrets of proponents. Please refer to the Registry Management Requirements > Article 3 > 1 to 2.

[Registry Management Requirements]

Article 3 (Management and Operation of Registry)

- KCCI Center for Carbon Reduction Certification shall manage the registry to ensure availability and confidentiality, and manage the issuance, transfer, and disposal of Project certified reduction in the form of an electronic database.

2. Notwithstanding Paragraph 1, KCCI Center for Carbon Reduction Certification may disclose the operation of the registry and the following information registered in the registry to the outside.
- ① Methodology
 - ② List and general information of projects applied or registered
 - ③ Certified reduction
- b) It is not required, but it can be done if necessary.
- c) KCS discloses all documents related to standards, requirements, guidelines and procedures through the Centero system and allows stakeholders to use them, and secures reliability by listening to and reflecting stakeholders' opinions. In addition, carbon standards and approved methodologies are periodically reviewed to ensure compliance with current requirements, international best practices, and scientific consensus. When a new methodology is applied for or a significant change occurs in carbon standards, guidelines, and approved methodologies, the opinions of stakeholders are collected and reviewed. Please refer to the KCCI Carbon Standard > Article 9.

[KCCI Carbon Standard]
Article 9 (Public Opinion Collection)

Upon revising this standard, stakeholders' opinions must be collected through external disclosure, and it must be reviewed on whether to reflect the received opinions.

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Does the programme conduct public comment periods relating to... (<i>Paragraph 2.8</i>)	
a) methodologies, protocols, or frameworks under development?	<input checked="" type="checkbox"/> YES
b) activities seeking registration or approval?	<input checked="" type="checkbox"/> YES
c) operational activities (e.g., ongoing stakeholder feedback)	<input checked="" type="checkbox"/> YES
d) additions or revisions to programme procedures or rulesets?	<input checked="" type="checkbox"/> YES

Summarize and provide evidence of any programme procedures referred to in a) through d):

- a) KCS transparently discloses all standard documents and procedures and approval results except business secrets of proponents.
- b) In addition, reliability is secured by listening to and reflecting to the opinions of stakeholders.
- c) All operational activities are periodically reviewed to ensure compliance with current requirements, international best practices, and scientific consensus.
- d) When a new methodology is applied for or a significant change occurs in carbon standards, guidelines, and

approved methodologies, the opinions of stakeholders are collected and reviewed. Also, when KCS is revised, it is supposed to collect opinions from stakeholders through external disclosure in accordance with Article 9 of the carbon standard, and review whether the opinions are reflected. Please refer to the KCCI Carbon Standard > Article 9.

[KCCI Carbon Standard]

Article 9 (Public Opinion Collection)

Upon revising this standard, stakeholders’ opinions must be collected through external disclosure, and it must be reviewed on whether to reflect the received opinions.

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Question 3.9 Safeguards system

Are safeguards in place to address... (Paragraph 2.9)	
a) environmental risks?	<input checked="" type="checkbox"/> YES
b) social risks?	<input checked="" type="checkbox"/> YES

Summarize and provide evidence of the safeguards referred to in a) and b), including their availability to the public:

- a) KCS encourages businesses to carry out projects in consideration of environmental risks.
- b) Project proponents must implement the project according to the PDD for the approved project and comply with relevant laws and regulations. Please refer to Project Management Requirements > Article 19 > 1 > ① to ⑤.

[Project Management Requirements]

Article 19 (Implementation of Project)

1. A project proponent shall implement the relevant Project according to the project plan of the approved project, comply with relevant laws and regulations, not impede other sustainable development standards other than GHG reduction, and appropriately operate and manage target facilities.
 - ① It shall comply with local, national, and international laws and regulations for the projects not to cause harm.
 - ② It shall identify environmental and local community risks and impacts.
 - ③ It shall explain in detail the methods and mechanisms for preventing, reducing, mitigating, or compensating for negative environmental and community impacts and the monitoring, management, and implementation methods.
 - ④ It shall ensure that the rights of affected communities and other interested parties have been acknowledged and that they are fully and effectively engaged and consulted.
 - ⑤ It shall put continuous communication and grievance resolution mechanisms in place and

share the benefits of the project with affected communities.

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Question 3.10 Sustainable development criteria

Does the programme use sustainable development criteria? (<i>Paragraph 2.10</i>)	<input checked="" type="checkbox"/> YES
Does the programme have provisions for monitoring, reporting and verification in accordance with these criteria? (<i>Paragraph 2.10</i>)	<input checked="" type="checkbox"/> YES

Summarize and provide evidence of the policies and procedures referred to above:

Projects are encouraged to carry out projects in consideration of environmental and social risks. A project proponent shall implement the relevant project according to the PDD of the approved PDD, comply with relevant laws and regulations, shall not compromise other sustainable development standards other than greenhouse gas reduction, and properly operate and manage target project. Please refer to the Project Management Requirements > Article 19 > 1 > ① to ⑤.

[Project Management Requirements]

Article 19 (Implementation of Project)

1. A Project proponent shall implement the relevant project according to the project plan of the approved Project, comply with relevant laws and regulations, not impede other sustainable development standards other than GHG reduction, and appropriately operate and manage target facilities.
 - ① It shall comply with local, national, and international laws and regulations for the Projects not to cause harm.
 - ② It shall identify environmental and local community risks and impacts.
 - ③ It shall explain in detail the methods and mechanisms for preventing, reducing, mitigating, or compensating for negative environmental and community impacts and the monitoring, management, and implementation methods.
 - ④ It shall ensure that the rights of affected communities and other interested parties have been acknowledged and that they are fully and effectively engaged and consulted.
 - ⑤ It shall put continuous communication and grievance resolution mechanisms in place and share the benefits of the Project with affected communities.

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Question 3.11 Avoidance of double counting, issuance and claiming

Does the programme use sustainable development criteria? (Paragraph 2.10)	<input checked="" type="checkbox"/> YES
Does the Programme provide information on how it addresses double counting, issuance and claiming in the context of evolving national and international regimes for carbon markets and emissions trading? (Paragraph 2.11)	<input checked="" type="checkbox"/> YES

Summarize and provide evidence of the information referred to above, including its availability to the public: KCS has confirmation procedures to prevent redundancy in reduction, certification procedures, methodology applications, monitoring reports, validation and verification reports, etc. for double counting, issuance, and claims. In case duplication is confirmed, there are procedures such as canceling certified reduction. Please refer to the Project Management Requirements > Article 7 > 1 > ⑧, Article 23 > 3 > ⑦, Article 25 > 1 > ② and Article 28 > 1 > ②.

[Project Management Requirements]

Article 7 (Project Conformity Review)

1. KCCI Center for Carbon Reduction Certification shall conduct a compliance review considering the following subparagraphs in conducting an evaluation pursuant to Article 6. At the time, KCCI Center for Carbon Reduction Certification may utilize external experts for the conformity review.
 - ⑧ Duplicate registration of the Project

Article 23 (Verification of Project GHG Reductions)

- ⑦ The 3rd party auditor shall prepare a verification report by considering each of the following subparagraphs in evaluating the verification of Project GHG reductions. Duplicate certification of GHG reduction in other systems

Article 25 (Review of Project GHG Reduction Verification Result)

1. KCCI Center for Carbon Reduction Certification shall review the GHG reduction verification results considering the following matters to certify the Project GHG reductions.
 - ② Duplicate certification of GHG reduction in other systems and usage of the certified reduction

Article 28 (Revocation of Project GHG Reduction Certification)

1. KCCI Center for Carbon Reduction Certification may revoke certification through deliberation by the Certification Committee if the certified reduction of Projects certified pursuant to Article 27 (1) falls under any of the following subparagraphs. However, the certification shall be revoked if it falls under subparagraph 1.
 - ② Where the Project GHG reduction is used in duplicate in other systems or projects

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

PART 4: Carbon Offset Credit Integrity Assessment Criteria

Note—where “evidence” is requested throughout *Part 3* and *Part 4*, the Programme should provide web links to documentation. If that is not possible, then the programme may provide evidence of programme procedures directly in the text boxes provided (by copying/pasting the relevant provisions) and/or by attached supporting documentation, as recommended in “SECTION II: INSTRUCTIONS—*Form Completion*”.

Note—“*Paragraph X.X*” in this form refers to corresponding paragraph(s) in Appendix A “Supplementary Information for Assessment of Emissions Unit Programmes”.

Note—Where the programme has any plans to revise the programme (e.g., its policies, procedures, measures, tracking systems, governance or legal arrangements), including to enhance consistency with a given criterion or guideline, provide the following information in response to any and all relevant form question(s):

- Proposed revision(s);
- Process and proposed timeline to develop and implement the proposed revision(s);
- Process and timeline for external communication and implementation of the revision(s).

Question 4.1 Are additional

Do the Programme’s carbon offsets... (<i>Paragraph 3.1</i>)	
a) represent greenhouse gas emissions reductions or carbon sequestration or removals that exceed any greenhouse gas reduction or removals required by law, regulation, or legally binding mandate?	<input checked="" type="checkbox"/> YES
b) exceed any greenhouse gas reductions or removals that would otherwise occur in a conservative, business-as-usual scenario?	<input checked="" type="checkbox"/> YES

Summarize and provide evidence of the policies and procedures referred to in a) and b), including their availability to the public:

- a) KCS defines the standard principles, including 'legal and institutional additionality', which is a common principle of global GHG reduction accreditation and certification systems.
- b) In addition, projects must satisfy additionality that goes beyond general practice. Please refer to the KCCI Carbon Standard > Article 5 > 2 > ① to ② and Project Management Requirements > Article 2 > 2 > ② to ③.

**[KCCI Carbon Standard]
Article 5 (Standard Principles)**

2. Additionality

① Additionality beyond legal and institutional regulations

- Projects shall be GHG Projects involving additional efforts other than the mandatory project activities to fulfill the regulations of all current laws and notifications.
- However, the effects exceeding that of fulfilling the strictest legal requirements may be considered as additional efforts.
- Projects recommended by government institutions such as central ministries or local governments through subsidization as necessary for GHG reduction shall be deemed to satisfy legal additionality as activities based on voluntary participation, not obligations.
- The negative environmental impact caused by the relevant GHG Project must not exceed the legal regulatory level and not have a negative impact on the local community.

② Additionality beyond the general practice

- The evaluation criteria beyond the general practice within the identical or similar business type or the improvement effect compared to the existing reduction shall be considered for establishing the baseline.
- Evaluation methods such as basic unit before and after the project, LCA, modeling such as multiple regression analysis, and standard baselines may be applied and assumptions and figures ensuring that GHG reduction or removal are not overestimated shall be used when applying the method.
- Unless otherwise specified in the methodology, the baseline set at the time of methodology registration is fixed for the crediting period (5 years).

[Project Management Requirements]

Article 2 (Approval Subject)

2. KCCI Center for Carbon Reduction Certification may approve a project subject to approval as a project if it satisfies the criteria in each of the following subparagraphs.
 - ② Project GHG reduction shall not have occurred while fulfilling mandatory matters under other laws and regulations. However, it is possible to apply cases that occurred while implementing the mandatory requirements in excess.
 - ③ Reductions shall occur through additional actions and measures beyond those that can be implemented under normal business conditions.

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Is additionality and baseline-setting... (<i>Paragraph 3.1</i>)	
a) assessed by an accredited and independent 3rd-party verification entity?	<input checked="" type="checkbox"/> YES
b) reviewed by the programme?	<input checked="" type="checkbox"/> YES

Summarize and provide evidence of the policies and procedures referred to in a) and b), including their availability to the public:

- a) KCS requires independent 3rd-party validation for registering the methodology and PDD, and verification for certifying the monitoring report. Please refer to the KCCI Carbon Standard > Article 5 > 4 > ① and ③.

[KCCI Carbon Standard]

Article 5 (Standard Principles)

4. Verifiability

① Validation & Verification

Validation & Verification by an independent 3rd party auditor is necessary apply for methodology and PDD registration or to submit reductions monitoring reports according to KCS.

③ Tasks of a 3rd party auditor

The 3rd party auditor verifies the methodology upon its registration, revision and renewal, the project plan upon the registration, revision, and renewal of the Project, and the GHG reductions of the registered projects, and implements necessary measures, such as requests for revision or supplementation of verification, upon certifying the GHG reductions.

- b) When validating the methodology, additionality and baseline setting are evaluated for validity. Please refer to the Project Management Requirements > Article 7 > 1 > ① to ⑨.

[Project Management Requirements]

Article 7 (Project Conformity Review)

1. KCCI Center for Carbon Reduction Certification shall conduct a compliance review considering the following subparagraphs in conducting an evaluation pursuant to Article 6. At the time, KCCI Center for Carbon Reduction Certification may utilize external experts for the conformity review.
 - ① Compliance with the general requirements of the Project
 - ② Adequacy of the applied methodology
 - ③ Adequacy of the baseline scenario
 - ④ Adequacy of the additionality demonstration
 - ⑤ Adequacy of the emission calculation method
 - ⑥ Adequacy of the monitoring plan
 - ⑦ Adequacy of the certification crediting period
 - ⑧ Duplicate registration of the Project
 - ⑨ Adequacy of corrective/supplementary measures if any

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Identify one or more of the methods below that the programme has procedures in place to ensure, and to support activities to analyze and demonstrate, that credited mitigation is additional; which can be applied at the project- and/or programme-level: (*Paragraphs 3.1, and 3.1.2 - 3.1.3*)

- Barrier analysis
- Common practice / market penetration analysis
- Investment, cost, or other financial analysis
- Performance standards / benchmarks
- Legal or regulatory additionality analysis (as defined in *Paragraph 3.1*)

Summarize and provide evidence of the policies and procedures referred to in the above list, including describing any/all additionality analyses and test types that are utilized under the programme:

KCS defines the standard principles including 'additionality', which is a common principle of global greenhouse gas reduction verification and certification systems, and the legal and institutional additionality and technical level must be beyond general practice. Please refer to the KCCI Carbon Standard > Article 5 > 2 > ① to ②.

[KCCI Carbon Standard]

Article 5 (Standard Principles)

2. Additionality

① Additionality beyond legal and institutional regulations

- Projects shall be GHG Projects involving additional efforts other than the mandatory project activities to fulfill the regulations of all current laws and notifications.
- However, the effects exceeding that of fulfilling the strictest legal requirements may be considered as additional efforts.
- Projects recommended by government institutions such as central ministries or local governments through subsidization as necessary for GHG reduction shall be deemed to satisfy legal additionality as activities based on voluntary participation, not obligations.
- The negative environmental impact caused by the relevant GHG Project must not exceed the legal regulatory level and not have a negative impact on the local community.

② Additionality beyond the general practice

- The evaluation criteria beyond the general practice within the identical or similar business type or the improvement effect compared to the existing project performance shall be considered for establishing the baseline.

- Evaluation methods such as basic unit before and after the project, LCA, modeling such as multiple regression analysis, and standard baselines may be applied and assumptions and figures ensuring that GHG reduction or removal are not overestimated shall be used when applying the method.
- Unless otherwise specified in the methodology, the baseline set at the time of methodology registration is fixed for the crediting period (5 years).

The above information can be confirmed by the standard posted on Centro system at <http://kcs.centero.kr>

If the Programme provides for the use of method(s) not listed above, describe the alternative procedures and how they ensure that activities are additional: (*Paragraph 3.1*)

Not applicable on this inquiry.

If the programme designates certain activities as automatically additional (e.g., through a “positive list” of eligible project types), does the programme provide clear evidence on how the activity was determined to be additional? (<i>Paragraph 3.1</i>)	<input checked="" type="checkbox"/> YES
---	---

Summarize and provide evidence of the policies and procedures for determining the automatic additionality of activities, including a) the criteria used to determine additionality and b) their availability to the public:

- In accordance with Article 8 of Project Management Requirements, KCS provides criteria for evaluating the additionality beyond legal and institutional regulations and the technology must go beyond general practice.
- KCS defines additionality as one of the standard principles for the issuance of certification results, and when all certification results are issued, a 3rd party auditor evaluates whether or not they have been met, and this is open to the public on Centro website at <http://kcs.centero.kr>. Please refer to the Project Management Requirements > Article 8 > 1 > ① to ②.

[Project Management Requirements]

Article 8 (Additionality Evaluation)

- In the evaluation of the appropriateness of additionality demonstration under Article 7 (1) 4 (hereafter “additionality evaluation”), the following items shall be evaluated.
 - Additionality beyond legal and institutional regulations
 - Projects shall be GHG Projects involving additional efforts other than the mandatory project activities to fulfill the regulations of all current laws and notifications.
 - However, the effects exceeding that of fulfilling the strictest legal requirements may be considered as additional efforts.

- Projects recommended by government institutions such as central ministries or local governments through subsidization as necessary for GHG reduction shall be deemed to satisfy legal additionality as activities based on voluntary participation, not obligations.
- The negative environmental impact caused by the relevant GHG Project must not exceed the legal regulatory level and not have a negative impact on the local community.

② Additionality beyond the general practice

- The evaluation criteria beyond the general practice within the identical or similar business type or the improvement effect compared to the existing reduction shall be considered for establishing the baseline.
- Evaluation methods such as basic unit before and after the project, LCA, modeling such as multiple regression analysis, and standard baselines may be applied and assumptions and figures ensuring that GHG reduction or removal are not overestimated shall be used when applying the method.
- Unless otherwise specified in the methodology, the baseline set at the time of methodology registration is fixed for the crediting period (5 years).

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Explain how the procedures described under Question 4.1 provide a reasonable assurance that the mitigation would not have occurred in the absence of the offset programme: (*Paragraph 3.1*)

KCS evaluates the appropriateness of setting a baseline scenario in terms of methodology and defines greenhouse gas emissions that may occur if the project does not exist. The 3rd party auditor validates baseline scenario, and KCCI Center for Carbon Reduction Certification evaluates the final suitability. Please refer to the Project Management Requirements > Article 8 > 1 > ① to ②.

[Project Management Requirements]

Article 8 (Additionality Evaluation)

1. In the evaluation of the appropriateness of additionality demonstration under Article 7 (1) 4 (hereafter “additionality evaluation”), the following items shall be evaluated.

① Additionality beyond legal and institutional regulations

- Projects shall be GHG Projects involving additional efforts other than the mandatory project activities to fulfill the regulations of all current laws and notifications.
- However, the effects exceeding that of fulfilling the strictest legal requirements may be considered as additional efforts.
- Projects recommended by government institutions such as central ministries or local govern

ments through subsidization as necessary for GHG reduction shall be deemed to satisfy legal additionality as activities based on voluntary participation, not obligations.

- The negative environmental impact caused by the relevant GHG Project must not exceed the legal regulatory level and not have a negative impact on the local community.

② Additionality beyond the general practice

- The evaluation criteria beyond the general practice within the identical or similar business type or the improvement effect compared to the existing project performance shall be considered for establishing the baseline.
- Evaluation methods such as basic unit before and after the project, LCA, modeling such as multiple regression analysis, and standard baselines may be applied and assumptions and figures ensuring that GHG reduction or removal are not overestimated shall be used when applying the method.
- Unless otherwise specified in the methodology, the baseline set at the time of methodology registration is fixed for the crediting period (5 years).

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Question 4.2 Are based on a realistic and credible baseline

Are procedures in place to... (<i>Paragraph 3.2</i>)	
a) issue emissions units against realistic, defensible, and conservative baseline estimations of emissions?	<input checked="" type="checkbox"/> YES
b) publicly disclose baselines and underlying assumptions?	<input checked="" type="checkbox"/> YES

Summarize and provide evidence of the policies and procedures referred to in a) and b), including how “*conservativeness*” of baselines and underlying assumptions is defined and ensured:

- a) KCS requires certification results to be issued when the baseline scenario of the Project has additionality beyond legal and institutional regulations and technological additionality that goes beyond general practice. When establishing a baseline, evaluation standards beyond general practice should be considered, and conservative standards are set to re-evaluate and adjust the baseline scenario based on the technical level at that time every five years. Please refer to the KCCI Carbon Standard > Article 5 > 2 >

②

[KCCI Carbon Standard]

Article 5 (Standard Principles)

2. Additionality

② Additionality beyond the general practice

- The evaluation criteria beyond the general practice within the identical or similar business type or the improvement effect compared to the existing project performance shall be considered for establishing the baseline.
- Evaluation methods such as basic unit before and after the project, LCA, modeling such as multiple regression analysis, and standard baselines may be applied and assumptions and figures ensuring that GHG reduction or removal are not overestimated shall be used when applying the method.
- Unless otherwise specified in the methodology, the baseline set at the time of methodology registration is fixed for the crediting period (5 years).

b) Designing the methodology, a baseline scenario should be established, and all the information on methodology can be confirmed through Centro system at <http://kcs.centero.kr> as demonstration shown below.

Methodology No.	Title	Proponent	Applicable Projects	Country	Region	Approval Date	Open Comment	Status
KCS-23-007	국내 중온 아스팔트 혼합물 생산을 통한 연료 및 온실가스 저감...	SK에너지 주식회사	Manufacturing	Republic of Kor...	Asia		0	MVR
KCS-23-006	패러미터 열분해기술을 활용하여 생산된 열분해성세유 및 카본...	주식회사 알디기온	Waste Management...	Republic of Kor...	Asia		0	MVR
KCS-23-005	스마트원도우 필름 적용을 통한 건물 냉난방 에너지 절감사업의 ...	SKC	Energy Industry	Republic of Kor...	Asia		0	MVR
KCS-23-004	바이오 원료 사용에 의한 '바이오 메이스 플라스틱'의 탄소 저감(...	SK케미칼	Chemical Industry	Republic of Kor...	Asia		0	MVR
KCS-23-003	패블라스틱 세정할 기술을 적용하여 생산된 원료를 통해 화학소...	SK케미칼	Chemical Industry	Republic of Kor...	Asia		0	MVR
KCS-23-002	다회용 용기를 도입하여 일회용 용기를 대체하는 사업의 방법론 ...	SK텔레콤	Waste Management...	Republic of Kor...	Asia		0	MVR

The above information can be confirmed by the standard posted on Centro system at <http://kcs.centero.kr>

Are procedures in place to ensure that <i>methods of developing baselines</i> , including modelling, benchmarking or the use of historical data, use assumptions, methodologies, and values do not over-estimate mitigation from an activity? (<i>Paragraph 3.2.2</i>)	<input checked="" type="checkbox"/> YES
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Summarize and provide evidence of the policies and procedures referred to above:

KCS can use modeling, standard baseline, basic unit, etc. when setting up a baseline scenario, but when applying the method, assumptions and figures must ensure that greenhouse gas reduction or removal are not overestimated. The validation and verification by the 3rd party auditor and the suitability evaluation of KCCI Center for Carbon Reduction Certification for the baseline scenario are carried out. Please refer to the KCCI Carbon Standard > Article 5 > 2 > ②.

[KCCI Carbon Standard]
Article 5 (Standard Principles)

2. Additionality

② Additionality beyond the general practice

- The evaluation criteria beyond the general practice within the identical or similar business type or the improvement effect compared to the existing project performance shall be considered for establishing the baseline.
- Evaluation methods such as basic unit before and after the project, LCA, modeling such as multiple regression analysis, and standard baselines may be applied and assumptions and figures ensuring that GHG reduction or removal are not overestimated shall be used when applying the method.
- Unless otherwise specified in the methodology, the baseline set at the time of methodology registration is fixed for the crediting period (5 years).

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Are procedures in place for activities to respond, as appropriate, to changing baseline conditions that were not expected at the time of registration? (<i>Paragraph 3.2.3</i>)	<input checked="" type="checkbox"/> YES
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Summarize and provide evidence of the policies and procedures referred to above:

KCS requires the methodology to be revised in the following cases; If new scientific grounds are found that the certified reduction is overestimated or underestimated when the existing approval methodology is applied, or the existing approval methodology is no longer suitable for domestic and global circumstances due to revisions in laws and developments in technology, or when the conditions of the baseline scenario change. Please refer to the Methodology Management Requirements > Article 6 > 1 > ① to ⑤.

[Methodology Management Requirements]

Article 6 (Methodology Revision)

1. KCCI Center for Carbon Reduction Certification may revise the approval methodology in the following cases.
 - ① Where 5 years have elapsed since the registration of the existing approval methodology, requiring renewal
 - ② Where new scientific evidence is discovered that the reductions from applying the existing approval methodology is presumed to be overestimated or underestimated
 - ③ Where the existing approval methodology is no longer adequate for domestic and overseas circumstances due to changes in conditions e.g. revision of laws, technological development, etc.
 - ④ Where the terms or formulas of the existing approval methodology found to be inconsistent, or have errors or ambiguities
 - ⑤ Where it is necessary to simplify or clarify the existing approval methodology for the users

to use conveniently

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Question 4.3 Are quantified, monitored, reported, and verified

Are procedures in place to ensure that...	
a) emissions units are based on accurate measurements and valid quantification methods/protocols? (<i>Paragraph 3.3</i>)	<input checked="" type="checkbox"/> YES
b) validation occurs prior to or in tandem with verification? (<i>Paragraph 3.3.2</i>)	<input checked="" type="checkbox"/> YES
c) the results of validation and verification are made publicly available? (<i>Paragraph 3.3.2</i>)	<input checked="" type="checkbox"/> YES
d) monitoring, measuring, and reporting of both activities and the resulting mitigation is conducted at <i>specified intervals</i> throughout the duration of the crediting period? (<i>Paragraph 3.3</i>)	<input checked="" type="checkbox"/> YES
e) mitigation is measured and verified by an accredited and independent 3rd-party verification entity? (<i>Paragraph 3.3</i>)	<input checked="" type="checkbox"/> YES
f) <i>ex-post</i> verification of mitigation is required in advance of issuance of emissions units? (<i>Paragraph 3.3</i>)	<input checked="" type="checkbox"/> YES

Summarize and provide evidence of the policies and procedures referred to in a) through f):

- a) There is a standard for quantification according to Article 5 of the carbon standard. Please refer to the KCCI Carbon Standard > Article 5 > 1 > ②.

[KCCI Carbon Standard]

Article 5 (Standard Principles)

1. Reality

② Quantification

- GHG reductions, etc., shall be based on reliability and ensure reproducibility that allows repeated and identical measurement.

- b) The Secretariat reviews and asks for corrections after validation or verification by 3rd party auditor and before submitted to the certification committee. Please refer to the Project Management Requirements > Article 25 > 1 > ① to ⑤.

[Project Management Requirements]

Article 25 (Review of Project GHG Reduction Verification Result)

1. KCCI Center for Carbon Reduction Certification shall review the GHG reduction verification results considering the following matters to certify the Project GHG reductions.

① Consistency of documents and information

- ② Duplicate certification of GHG reduction in other systems and usage of the certification results
 - ③ Adequacy of corrective/supplementary measures and verification conclusions
 - ④ Eligibility of the verification team
 - ⑤ Compliance with the verification procedure details under Articles 22 and 23
- c) KCS transparently discloses the results of the validation and verification by a 3rd party auditor and the conformity review by the KCCI Center for Carbon Reduction Certification on Centro system at <http://kcs.centero.kr>. The center secures reliability by transparently disclosing all standard documents, procedures, and approval results, excluding business secrets of projects, to listen to and reflect stakeholders' opinions. Please refer to the Registry Management Requirements > Article 3 > 1 to 2.

[Registry Management Requirements]

Article 3 (Management and Operation of Registry)

1. KCCI Center for Carbon Reduction Certification shall manage the registry to ensure availability and confidentiality, and manage the issuance, transfer, and disposal of Project certification results in the form of an electronic database.
 2. Notwithstanding Paragraph 1, KCCI Center for Carbon Reduction Certification may disclose the operation of the registry and the following information registered in the registry to the outside.
 - ① Methodology
 - ② List and general information of projects applied or registered
 - ③ Certified reduction
- d) In accordance with the Project Management Requirements, the crediting period is 5 years(15 years for forest sector) and can be extended 2 times. Project proponent can set the monitoring period up to two years. Please refer to the Project Management Requirements > Article 5 > 2 and Article 21 > 2.

[Project Management Requirements]

Article 5 (Certification Crediting Period)

2. The certification crediting period under Paragraph 1 shall be within 5 years from the date the Project is approved pursuant to Article 10, but the extension shall be limited to two times. However, the criteria and principles according to KCS must be re-evaluated in case of extension.

Article 21 (Preparation of Project Monitoring Report)

2. A project proponent may set the monitoring period up to two years when preparing a project monitoring report under paragraph (1).
- e) KCS requires verification through an independent 3rd-party auditor that meets at least one of the following requirements: Institutions registered as project validation and verification organizations in local or global programs; Organizations that meet relevant international standards such as ISO 14065: 2013 and IAF MD 6: 2014 and have individual auditors qualified to evaluate projects. Please refer to the KCCI Carbon Standard > Article 5 > 4 > ① to ②.

[KCCI Carbon Standard]
Article 5 (Standard Principles)

4. Verifiability

① Verification

- Verification by an independent 3rd party auditor is necessary apply for methodology and project plan registration or to submit reductions monitoring reports according to KCS.

② Eligibility of 3rd party auditor

- The 3rd party auditor must be registered as a 3rd party auditor in domestic and international reduction systems or satisfy relevant international standards such as ISO 14065: 2013 and IAF MD 6: 2014, and have auditors qualified for evaluating Projects.
- The 3rd party auditor must have a Project evaluation process and auditor management system, etc., and be able to provide them transparently.

f) KCS requires monitoring report to be verified by a 3rd party auditor for issuance of certification results. Please refer to the Project Management Requirements > Article 24 > 1 > ③.

[Project Management Requirements]
Article 24 (Application for Certification of Project GHG Reductions)

1. KCCI Center for Carbon Reduction Certification may review and certify the Project GHG reductions if the project proponent applies for certification of the Project GHG reductions by submitting the following documents in case the verification result for the GHG reductions under Article 23 is evaluated as suitable. However, it is possible to apply for certification of reduction amount if the amount of GHG reduction is more than 1 CO2 equivalent ton and reduction is certified in integer units after truncating the decimal point.

③ GHG reduction verification report according to Document No. 4-8

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Are provisions in place... (<i>Paragraph 3.3.3</i>)	
a) to manage and/or prevent conflicts of interest between accredited 3rd-party(ies) performing the validation and/or verification procedures, and the programme and the activities it supports?	<input checked="" type="checkbox"/> YES
b) requiring accredited 3rd-party(ies) to disclose whether they or any of their family members are dealing in, promoting, or otherwise have a fiduciary relationship with anyone promoting	<input checked="" type="checkbox"/> YES

or dealing in, the offset credits being evaluated?	
c) to address and isolate such conflicts, should they arise?	<input checked="" type="checkbox"/> YES

Summarize and provide evidence of the policies and procedures referred to in a) through c):

- a) 3rd party auditors are separate institutions that runs independent of the KCCI Center for Carbon Reduction Certification. All individual 3rd party auditors sign to declare that they do not have any kind of conflicts of interest with the project every time before validation or verification starts.
- b) 3rd party auditors are responsible for such conflicts, but KCS has a buffer account for CORSIA eligible units to temporarily deal with such an emergency issue.
- c) 3rd party auditors are required to sign the conflicts of interest form and required to disclose this form. Please refer to KCCI Carbon Standard > Article 5 > 4 > ① to ④.

[KCCI Carbon Standard]

Article 5 (Standard Principles)

4. Verifiability

① Validation & Verification

- Validation & Verification by an independent 3rd party auditor is necessary apply for methodology and project plan registration or to submit reductions monitoring reports according to KCS.

② Eligibility of 3rd party auditor

- The 3rd party auditor must be registered in domestic and international reduction systems or satisfy relevant international standards such as ISO 14065: 2013 and IAF MD 6: 2014, and have auditors qualified for evaluating Projects.
- The 3rd party auditor must have a project evaluation process and auditor management system, etc., and be able to provide them transparently.

③ Tasks of a 3rd party auditor

- The 3rd party auditor verifies the methodology upon its registration, revision and renewal, the project plan upon the registration, revision, and renewal of the project, and the GHG reductions of the registered projects, and implements necessary measures, such as requests for revision or supplementation of verification, upon certifying the GHG reductions.

④ Assurance level

- While it is recommended to obtain a reasonable guarantee from a 3rd party auditor for the

GHG reduction or removal amount, limited guarantees are also allowed.

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Are procedures in place requiring that... (<i>Paragraph 3.3.4</i>)	
a) the renewal of any activity at the end of its crediting period includes a reevaluation of its baselines, and procedures and assumptions for quantifying, monitoring, and verifying mitigation, including the baseline scenario?	<input checked="" type="checkbox"/> YES
b) the same procedures apply to activities that wish to undergo verification but have not done so within the programme's allowable number of years between verification events?	<input checked="" type="checkbox"/> YES

Summarize and provide evidence of the policies and procedures referred to in a) and b), including identifying the allowable number of years between verification events:

- a) If the project is renewed due to the expiration of the validity, the criteria and principles are re-evaluated.
- b) A project proponent can set a monitoring period up to two years when preparing for a monitoring report, and if it is not submitted within the deadline, the amount of the reduction by the project cannot be certified. However, exceptions are made when the project proponent submits a valid reason for non-submission of the report to the KCCI Center for Carbon Reduction Certification within 30 days after the deadline for submitting the monitoring report and is approved. Please refer to the Project Management Requirements > Article 5 > 2 and 13 > 1 > ① to ⑥ and 21 > 2 to 5.

[Project Management Requirements]

Article 5 (Certification Crediting Period)

2. The certification crediting period under Paragraph 1 shall be within 5 years from the date the Project is approved pursuant to Article 10, but the extension shall be limited to two times. However, the criteria and principles according to KCS must be re-evaluated in case of extension.

Article 13 (Examination for Certification Crediting Period Renewal)

1. KCCI Center for Carbon Reduction Certification shall consider Article 7 (1) and the following subparagraphs in evaluating the application for the certification crediting period renewal received pursuant to Article 12. At the time, KCCI Center for Carbon Reduction Certification may utilize external experts for the evaluation.
 - ① Whether the latest version of the methodology applied in the registered PDD is applied
 - ② Whether the latest version of the replaced methodology is applied if the methodology applied in the registered PDD has been withdrawn after registration of the Project and replaced with a new methodology
 - ③ If the case does not fall under subparagraphs 1 and 2 due to changes in the content and baseline of the Project, apply a different approved methodology or apply for revision of the approved methodology
 - ④ Validity of existing data and variables applied in the registered PDD
 - ⑤ Changes in relevant laws and regulations after registration of Projects

⑥ Changes in business conditions after registration of Projects

Article 21 (Preparation of Project Monitoring Report)

2. A Project proponent may set the monitoring period up to two years when preparing a Project monitoring report under paragraph (1).
3. Notwithstanding Paragraph 2, the monitoring period shall be applied differently in the case of Projects falling under each of the following subparagraphs.
 - ① Forest sector: Up to 5 years
4. The Project proponent shall submit the Project monitoring report and verification report of the 3rd party auditor to KCCI Center for Carbon Reduction Certification within 12 months after the end of the monitoring period.
5. KCCI Center for Carbon Reduction Certification cannot certify the reductions of the relevant Project if the Project proponent does not submit the Project monitoring report pursuant to Paragraph 2. However, approvals obtained by the Project proponent submitting a justifiable cause for non-submission of the report within 30 days after the deadline for submitting the Project monitoring report to KCCI Center for Carbon Reduction Certification shall constitute an exception.

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Are procedures in place to transparently identify units that are issued <i>ex ante</i> and thus ineligible for use in the CORSIA? (<i>Paragraph 3.3.5</i>)	<input type="checkbox"/> YES
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Provide evidence of the policies and procedures referred to above:
Not applicable on this inquiry. KCS does not issue *ex ante* credits.

Question 4.4 Have a clear and transparent chain of custody

SECTION III, Part 3.4—Identification and tracking includes questions related to this criterion. No additional information is requested here.

Question 4.5 Represent permanent emissions reductions

List all emissions sectors (if possible, activity types) supported by the Programme that present a potential risk of reversal of emissions reductions, avoidance, or carbon sequestration:

The forest sector and agriculture sector are the ones that present a potential risk of reversal..

Please refer to the Project Management Requirements > Article 3 > 2 > ① to ⑯.

[Project Management Requirements]

Article 3 (Scale and Classification of Projects Subject to Approval)

2. Projects subject to approval shall be classified according to the following subparagraphs.
- ① Energy industry
 - ② Energy supply
 - ③ Energy demand
 - ④ Manufacturing industry
 - ⑤ Chemical industry
 - ⑥ Construction
 - ⑦ Transportation
 - ⑧ Mining ` Minerals
 - ⑨ Metal industry
 - ⑩ Fugitive emissions from fuel
 - ⑪ Fugitive emissions from production and consumption of carbon halide and sulfur hexafluoride, fugitive emissions from production and consumption of nitrogen trifluoride
 - ⑫ Waste handling and disposal
 - ⑬ Forest
 - ⑭ Agriculture
 - ⑮ Carbon dioxide capture and storage or reuse

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

What is the minimum scale of reversal for which the Programme provisions or measures require a response? (Quantify if possible)

KCS requires reporting and compensation for reversals of any scales KCS, and no limits for minimum scale. Please refer to the Project Management Requirements > Article 3 > 1 and Guideline 4-2. Reversal Risk Analysis and Buffer Account Operation Criteria.

[Project Management Requirements]

Article 3 (Scale and Classification of Projects Subject to Approval)

1. Projects subject to approval shall not limit the minimum GHG reduction amount.

The above information and Guideline 4-2. Reversal Risk Analysis and Buffer Account Operation Criteria can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

For sectors/activity types identified in the first question in this section, are procedures and measures in place to require and support these activities to...	
a) undertake a risk assessment that accounts for, <i>inter alia</i> , any potential causes, relative scale, and relative likelihood of reversals? (<i>Paragraph 3.5.2</i>)	<input checked="" type="checkbox"/> YES
b) monitor identified risks of reversals? (<i>Paragraph 3.5.3</i>)	<input checked="" type="checkbox"/> YES
c) mitigate identified risks of reversals? (<i>Paragraph 3.5.3</i>)	<input checked="" type="checkbox"/> YES
d) ensure full compensation for material reversals of mitigation issued as emissions units and	<input checked="" type="checkbox"/> YES

used toward offsetting obligations under the CORSIA? (Paragraph 3.5.4)	
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Summarize and provide evidence of the policies and procedures referred to in a) through d):

- a) KCS is aware of that some projects have the possibility of reversal and will deal with reversal issue according to KCS Reversal Risk Analysis and Buffer Account Operation Guideline. Please refer to the Guideline 4-2. Reversal Risk Analysis and Buffer Account Operation Criteria > 1 to 2.

[Guideline 4-2] Reversal Risk Analysis and Buffer Account Operation Criteria

1. Buffer Amount Calculation and Buffer Account Operation Criteria

A. Buffer amount calculation, verification, and management

In preparing a monitoring report, the Project proponent must calculate the buffer rate and amount by analyzing the project performance risk for the monitoring period with the buffer amount verified by a 3rd party auditor. The buffer amount is calculated by multiplying the buffer rate by the certified reduction from the Project. The calculated buffer amount is transferred to the buffer account and managed by KCCI Center for Carbon Reduction Certification.

2. Project Implementation Risk Analysis

The resulting value of the project implementation risk analysis means the percentage (%) applied to the total reductions (KCR). The reduction of the corresponding ratio is buffered in the buffer account to mitigate the risk of unintended reversal.

- b) If a reversal is identified, project proponent must provide written notice to the Center immediately upon becoming aware of the reversal. Please refer to the Guideline 4-2. Reversal Risk Analysis and Buffer Account Operation Criteria > 1 > C.

[Guideline 4-2] Reversal Risk Analysis and Buffer Account Operation Criteria

C. Obligation to Notify Reversal

A Project proponent must notify KCCI Center for Carbon Reduction Certification immediately upon learning of an unintentional or intentional reversal or decision to terminate the Project early. Such notice shall include the amount of the offset affected by the reversal (“Expected Loss Offset”), a description of how the expected loss offset was determined, a description of the nature and cause of the reversal, and all other relevant facts. Project proponents must promptly and completely implement any request from KCCI Center for Carbon Reduction Certification for additional information or analysis related to reversal, including the burden of costs. The Project proponents must report the actual offset amount lost due to the reversal verified by the 3rd party auditor and the results of reconducting ‘2. Project Implementation Risk Analysis’ in this document, at its own expense, to KCCI Center for Carbon Reduction Certification **within 6 months after the reversal occurs** (“confirmed loss offset amount”).

- c) When a reversal is identified, there is a criterion for mitigating the loss for a reversal by dividing it into an intentional or unintentional case. Please refer to the Guideline 4-2. Reversal Risk Analysis and Buffer Account Operation Criteria > 1 > D to E.

[Guideline 4-2] Reversal Risk Analysis and Buffer Account Operation Criteria

D. Loss Mitigation for Unintended Reversals

KCCI Center for Carbon Reduction Certification mitigates losses incurred from unintended reversal by canceling the estimated loss amount from the buffer account at the expense of the Project proponent. If the loss offset amount is less than the net buffer of the Project proponent up to that time, the buffer will mitigate the reversal. If the loss offset amount due to reversal exceeds the amount buffered by the Project proponent, the Project proponent must pay a “deductible” equal to 10% of the loss offset amount and buffer this additional offset amount into the buffer account within 30 days. In this case, it is possible to use any type of KCR. After an unintended reversal, it is not necessary for the Project proponent to increase the buffer amount unless the minimum buffer rate percentage increases after reconducting ‘2. Project Implementation Risk Analysis’. If the confirmed loss is greater than the expected loss, KCCI Center for Carbon Reduction Certification discards the difference from the buffer account.

E. Loss Mitigation for Intended Reversal

KCCI Center for Carbon Reduction Certification mitigates losses due to intentional reversal by canceling the relevant KCR from the Project proponent's account or by canceling or discarding the expected loss amount of the Project (if applicable) from the buffer account. The Project proponent bears all related expenses, including fees, etc., for its notification. Cancellation of all untraded KCR occurs for Projects terminated early and is discarded identically to all transferred reductions. The Project proponent must transfer the expected loss offset amount to the buffer account within 30 days of cancellation at its own expense. In the event of an intentional termination of a project, only KCRs of the AFOLU project type may be used to compensate for cancellation or termination. If the Project proponent does not transfer the buffer amount within 30 days, KCCI Center for Carbon Reduction Certification will have the right to freeze the account and use the existing KCR to compensate for the cancellation. Unless KCCI Center for Carbon Reduction Certification grants additional time in writing, confirmed losses must be submitted to KCCI Center for Carbon Reduction Certification within 6 months of cancellation. If the confirmed loss amount is greater than the expected loss amount, the Project proponent must additionally transfer the difference amount and the corresponding amount will be discarded from the buffer account.

- d) KCS manages the serial number of certification results in the form of 'KCR_CORZIA' for certification results to be used for CORZIA, and transfers part of the certification results for the Project to the CORZIA buffer account in consideration of the risk of project implementation for the certification results. In case a reversal occurs, compensation is provided according to the KCS Reversal Risk Analysis and Buffer Operation Guideline. Please refer to the Guideline 4-2 Reversal Risk Analysis and Buffer Operation Criteria > 1 > D to E.

[Guideline 4-2] Reversal Risk Analysis and Buffer Account Operation Criteria

D. Loss Mitigation for Unintended Reversals

KCCI Center for Carbon Reduction Certification mitigates losses incurred from unintended reversal by canceling the estimated loss amount from the buffer account at the expense of the Project proponent. If the loss offset amount is less than the net buffer of the Project proponent up to that time, the buffer will mitigate the reversal. If the loss offset amount due to reversal exceeds the amount buffered by the Project proponent, the Project proponent must pay a “deductible” equal to 10% of the loss offset amount and buffer this additional offset amount into the buffer account within 30 days. In this case, it is possible to use any type of KCR. After an unintended reversal, it is not necessary for the Project proponent to increase the

buffer amount unless the minimum buffer rate percentage increases after reconducting ‘2. Project Implementation Risk Analysis’. If the confirmed loss is greater than the expected loss, KCCI Center for Carbon Reduction Certification discards the difference from the buffer account.

E. Loss Mitigation for Intended Reversal

KCCI Center for Carbon Reduction Certification mitigates losses due to intentional reversal by canceling the relevant KCR from the Project proponent's account or by canceling or discarding the expected loss amount of the Project (if applicable) from the buffer account. The Project proponent bears all related expenses, including fees, etc., for its notification. Cancellation of all untraded KCR occurs for Projects terminated early and is discarded identically to all transferred reductions. The Project proponent must transfer the expected loss offset amount to the buffer account within 30 days of cancellation at its own expense. In the event of an intentional termination of a project, only KCRs of the AFOLU project type may be used to compensate for cancellation or termination. If the Project proponent does not transfer the buffer amount within 30 days, KCCI Center for Carbon Reduction Certification will have the right to freeze the account and use the existing KCR to compensate for the cancellation. Unless KCCI Center for Carbon Reduction Certification grants additional time in writing, confirmed losses must be submitted to KCCI Center for Carbon Reduction Certification within 6 months of cancellation. If the confirmed loss amount is greater than the expected loss amount, the Project proponent must additionally transfer the difference amount and the corresponding amount will be discarded from the buffer account.

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Are provisions in place that... (<i>Paragraph 3.5.5</i>)	
a) confer liability on the activity proponent to monitor, mitigate, and respond to reversals in a manner mandated in the programme procedures?	<input checked="" type="checkbox"/> YES
b) require activity proponents, upon being made aware of a material reversal event, to notify the programme within a specified number of days?	<input checked="" type="checkbox"/> YES
c) confer responsibility to the programme to, upon such notification, ensure and confirm that such reversals are fully compensated in a manner mandated in the programme procedures?	<input checked="" type="checkbox"/> YES

Summarize and provide evidence of the policies and procedures referred to in a) through c), including indicating the *number of days within which activity proponents must notify the programme of a material reversal event*:

- a) Project proponents must notify the KCCI Center for Carbon Reduction Certification immediately upon learning of an unintentional or intentional reversal or an early decision to terminate the project.
- b) Within 6 months after the occurrence of the reversal, the project proponent must secure the same amount of reversed KCRs and notify the Center.
- c) KCS confers responsibility to the programme to, upon such notification, ensure and confirm that such reversals are fully compensated in a manner mandated in the programme procedures.
Please refer to the Guideline 4-2 Reversal Risk Analysis and Buffer Account Operation Criteria > 1 > C to E.

[Guideline 4-2] Reversal Risk Analysis and Buffer Account Operation Criteria

C. Obligation to Notify Reversal

A Project proponent must notify KCCI Center for Carbon Reduction Certification immediately upon learning of an unintentional or intentional reversal or decision to terminate the Project early. Such notice shall include the amount of the offset affected by the reversal (“Expected Loss Offset”), a description of how the expected loss offset was determined, a description of the nature and cause of the reversal, and all other relevant facts. Project proponents must promptly and completely implement any request from KCCI Center for Carbon Reduction Certification for additional information or analysis related to reversal, including the burden of costs. The Project proponents must report the actual offset amount lost due to the reversal verified by the 3rd party auditor and the results of reconducting ‘2. Project Implementation Risk Analysis’ in this document, at its own expense, to KCCI Center for Carbon Reduction Certification within 6 months after the reversal occurs (“confirmed loss offset amount”).

D. Loss Mitigation for Unintended Reversals

KCCI Center for Carbon Reduction Certification mitigates losses incurred from unintended reversal by canceling the estimated loss amount from the buffer account at the expense of the Project proponent. If the loss offset amount is less than the net buffer of the Project proponent up to that time, the buffer will mitigate the reversal. If the loss offset amount due to reversal exceeds the amount buffered by the Project proponent, the Project proponent must pay a “deductible” equal to 10% of the loss offset amount and buffer this additional offset amount into the buffer account within 30 days. In this case, it is possible to use any type of KCR. After an unintended reversal, it is not necessary for the Project proponent to increase the buffer amount unless the minimum buffer rate percentage increases after reconducting ‘2. Project Implementation Risk Analysis’. If the confirmed loss is greater than the expected loss, KCCI Center for Carbon Reduction Certification discards the difference from the buffer account.

E. Loss Mitigation for Intended Reversal

KCCI Center for Carbon Reduction Certification mitigates losses due to intentional reversal by canceling the relevant KCR from the Project proponent's account or by canceling or discarding the expected loss amount of the Project (if applicable) from the buffer account. The Project proponent bears all related expenses, including fees, etc., for its notification. Cancellation of all untraded KCR occurs for Projects terminated early and is discarded identically to all transferred reductions. The Project proponent must transfer the expected loss offset amount to the buffer account within 30 days of cancellation at its own expense. In the event of an intentional termination of a project, only KCRs of the AFOLU project type may be used to compensate for cancellation or termination. If the Project proponent does not transfer the buffer amount within 30 days, KCCI Center for Carbon Reduction Certification will have the right to freeze the account and use the existing KCR to compensate for the cancellation. Unless KCCI Center for Carbon Reduction Certification grants additional time in writing, confirmed losses must be submitted to KCCI Center for Carbon Reduction Certification within 6 months of cancellation. If the confirmed loss amount is greater than the expected loss amount, the Project proponent must additionally transfer the difference amount and the corresponding amount will be discarded from the buffer account.

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Does the programme have the capability to ensure that any emissions units which compensate for the material reversal of mitigation issued as emissions units and used toward offsetting obligations under the CORSIA are fully eligible for use under the CORSIA? (Paragraph 3.5.6)	<input checked="" type="checkbox"/> YES
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Summarize and provide evidence of the policies and procedures referred to above:

KCS mitigates losses due to reversal by canceling the relevant KCR (KCR_CORSIA) from the account of the project participants or canceling or discarding the expected loss of the project (if applicable) from the buffer account. Please refer to the Guideline 4-2 Reversal Risk Analysis and Buffer Account Operation Criteria > 1 > D to E.

[Guideline 4-2] Reversal Risk Analysis and Buffer Account Operation Criteria

D. Loss Mitigation for Unintended Reversals

KCCI Center for Carbon Reduction Certification mitigates losses incurred from unintended reversal by canceling the estimated loss amount from the buffer account at the expense of the Project proponent. If the loss offset amount is less than the net buffer of the Project proponent up to that time, the buffer will mitigate the reversal. If the loss offset amount due to reversal exceeds the amount buffered by the Project proponent, the Project proponent must pay a “deductible” equal to 10% of the loss offset amount and buffer this additional offset amount into the buffer account within 30 days. In this case, it is possible to use any type of KCR. After an unintended reversal, it is not necessary for the Project proponent to increase the buffer amount unless the minimum buffer rate percentage increases after reconducting ‘2. Project Implementation Risk Analysis’. If the confirmed loss is greater than the expected loss, KCCI Center for Carbon Reduction Certification discards the difference from the buffer account.

E. Loss Mitigation for Intended Reversal

KCCI Center for Carbon Reduction Certification mitigates losses due to intentional reversal by canceling the relevant KCR from the Project proponent's account or by canceling or discarding the expected loss amount of the Project (if applicable) from the buffer account. The Project proponent bears all related expenses, including fees, etc., for its notification. Cancellation of all untraded KCR occurs for Projects terminated early and is discarded identically to all transferred reductions. The Project proponent must transfer the expected loss offset amount to the buffer account within 30 days of cancellation at its own expense. In the event of an intentional termination of a project, only KCRs of the AFOLU project type may be used to compensate for cancellation or termination. If the Project proponent does not transfer the buffer amount within 30 days, KCCI Center for Carbon Reduction Certification will have the right to freeze the account and use the existing KCR to compensate for the cancellation. Unless KCCI Center for Carbon Reduction Certification grants additional time in writing, confirmed losses must be submitted to KCCI Center for Carbon Reduction Certification within 6 months of cancellation. If the confirmed loss amount is greater than the expected loss amount, the Project proponent must additionally transfer the difference amount and the corresponding amount will be discarded from the buffer account.

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Would the programme be willing and able, upon request, to demonstrate that its permanence provisions can fully compensate for the reversal of mitigation issued as emissions units and used under the CORSIA? (<i>Paragraph 3.5.7</i>)	<input checked="" type="checkbox"/> YES
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Question 4.6 Assess and mitigate against potential increase in emissions elsewhere

List all emissions sectors (if possible, activity types) supported by the programme that present a potential risk of material emissions leakage:

The types of projects subject to approval of KCS can be classified into a total of 15 categories: energy industry, energy supply, energy demand, manufacturing, chemical industry, construction, and transportation., and so on.

Please refer to the Project Management Requirements > Article 3 > 2 > ① to ⑮.

[Project Management Requirements]

Article 3 (Scale and Classification of Projects Subject to Approval)

2. Projects subject to approval shall be classified according to the following subparagraphs.

- ① Energy industry
- ② Energy supply
- ③ Energy demand
- ④ Manufacturing industry
- ⑤ Chemical industry
- ⑥ Construction
- ⑦ Transportation
- ⑧ Mining ` Minerals
- ⑨ Metal industry
- ⑩ Fugitive emissions from fuel
- ⑪ Fugitive emissions from production and consumption of carbon halide and sulfur hexafluoride, fugitive emissions from production and consumption of nitrogen trifluoride
- ⑫ Waste handling and disposal
- ⑬ Forest
- ⑭ Agriculture
- ⑮ Carbon dioxide capture and storage or reuse

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Are measures in place to assess and mitigate incidences of material leakage of emissions that may result from the implementation of an offset project or programme? (<i>Paragraph 3.6</i>)	<input checked="" type="checkbox"/> YES
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Summarize and provide evidence of the policies and procedures referred to above:

All methodologies recognized in KCS need to identify and evaluate leakages from projects. Please refer to the

Guideline 3-1. Evaluation Criteria for Methodology Validation

[Guideline 3-1] Evaluation Criteria for Methodology Validation

Evaluation Criteria for Methodology Validation

- Is the consideration of leakage presented as a reliable basis?

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Are provisions in place requiring activities that pose a risk of leakage when implemented at the project level to be implemented at a national level, or on an interim basis on a subnational level, in order to mitigate the risk of leakage? (<i>Paragraph 3.6.2</i>)	<input checked="" type="checkbox"/> YES
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Summarize and provide evidence of the policies and procedures referred to above:

The methodology inherently includes an approach to determine leakage that is appropriate for the project boundary and discounting emission reductions accordingly. The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Are procedures in place requiring and supporting activities to monitor identified leakage? (<i>Paragraph 3.6.3</i>)	<input checked="" type="checkbox"/> YES
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Summarize and provide evidence of the policies and procedures referred to above:

Leakage monitoring is included in all methodologies, and project proponents are required to monitor their leakage. The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Are procedures in place requiring activities to deduct from their accounting emissions from any identified leakage that reduces the mitigation benefits of the activities? (<i>Paragraph 3.6.4</i>)	<input checked="" type="checkbox"/> YES
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Summarize and provide evidence of the policies and procedures referred to above:

All the approved methodologies by KCS require that emissions (or leakages) be deducted from the baseline emissions. The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Question 4.7 Are only counted once towards a mitigation obligation

Does the Programme have measures in place for the following...	
a) to ensure the transparent transfer of units between registries; and that only one unit is issued for one tonne of mitigation (<i>Paragraphs 3.7.1 and 3.7.5</i>)	<input checked="" type="checkbox"/> YES
b) to ensure that one unit is issued or transferred to, or owned or cancelled by, only one entity	<input checked="" type="checkbox"/> YES

at any given time? (Paragraphs 3.7.2 and 3.7.6)	
c) to discourage and prohibit the double-selling of units, which occurs when one or more entities sell the same unit more than once? (Paragraph 3.7.7)	<input checked="" type="checkbox"/> YES
d) to require and demonstrate that host countries of emissions reduction activities agree to account for any offset units issued as a result of those activities such that double claiming does not occur between the airline and the host country of the emissions reduction activity? (Paragraph 3.7.3)	<input checked="" type="checkbox"/> YES

Summarize and provide evidence of the policies and procedures referred to in a) through d):

- a) To ensure the transparent management and transfer of certification results, KCS assigns serial numbers for certified project's certification result in accordance with Project Management Requirements and Document No. 5-1 Please refer to the Project Management Requirements > Article 27 > 2 and Document No.5-1.

[Project Management Requirements]

Article 27 (Issuance of Project GHG Reduction Certificate)

- 2. KCCI Center for Carbon Reduction Certification shall register Projects determined for GHG reduction certification pursuant to Paragraph 1 in the registry and perform history management such as assigning a serial number to the Project according to Guideline 5-1 to distinguish relevant projects.

The above information and Document No. 5-1 can be confirmed by the standard posted on Centro system at <http://kcs.centero.kr>

- b) KCS assigns a serial number for certification results of projects and issues it according to the content of the agreement on ownership of certification results between stakeholders, so that one certification result is managed to prevent duplicate issuance to multiple stakeholders. In cases where certification results are transferred, traded, or used, we apply for them and manage procedures to confirm related matters. Please refer to the Project Management Requirements > Article 30 > 1 to 5.

[Project Management Requirements]

Article 30 (Transfer, Trading and Use of Project Certified reduction)

- 1. KCCI Center for Carbon Reduction Certification may transfer the certified reduction as requested if a person intending to transfer the certified reduction registered in the holding account to another Project participant's holding account (transferor) and a person intending to receive the transfer (transferee) apply for the transfer by submitting the following documents.
 - ① Transfer application according to Document No. 4-12
 - ② Evidentiary materials to confirm the relevant contract details
- 2. KCCI Center for Carbon Reduction Certification shall review the application and decide whether to approve the transfer.
- 3. Upon transferring the certified reduction pursuant to Paragraph 1, KCCI Center for Carbon Reduction Certification shall transfer the relevant person registered in the account held by the person applying for the transfer to the cancellation account and register the transferred certified reduction to the account held by the person receiving the transfer according to the application.

4. In the case of trading certified reduction, the person intending to sell (transferor) and the person intending to buy (transferee) shall submit the following documents.
 - ① Application for transaction according to Document No. 4-13
 - ② Evidentiary materials to confirm the relevant contract details
5. In the case of using certified reduction, the person using the certified reduction shall submit the following documents.
 - ① Report on use according to Document No. 4-14
 - ② A document to confirm the related usage plan

- c) KCS manages the history through the Centero system when selling certified reduction, so it is possible to suppress double sales of certified reduction.

Please refer to the Project Management Requirements > Article 30 > 3.

[Project Management Requirements]

Article 30 (Transfer, Trading and Use of Project Certified reduction)

3. Upon transferring the certified reduction pursuant to Paragraph 1, KCCI Center for Carbon Reduction Certification shall transfer the relevant person registered in the account held by the person applying for the transfer to the cancellation account and register the transferred certified reduction to the account held by the person receiving the transfer according to the application.
- d) KCS requires the submission of a written document that publicly guarantees that the activities of the project will not be used twice between the host country and the airline. And it must be reported immediately, in the event of a policy change or a change in guaranteed details for the relevant project.

Please refer to the Project Management Requirements > Article 32 > 1 > ① to ②.

[Project Management Requirements]

Article 32 (Special Cases concerning Issuance of CORSIA Certification Results)

1. Notwithstanding the provisions of this guideline, the following special cases apply in relation to the issuance of certification results to be used in the CORSIA system.
 - ① The Project proponent intending to use certified reduction for the CORSIA system shall submit written document that publicly guaranteeing that the concerned Project certified reduction will not be double used for CORSIA implementation of airlines, national NDC achievement or other form of Project, etc. from the country where the certification results occur (hereafter the “host country”) prior to application for registration of the Project.
 - ② The Project proponent shall notify KCCI Center for Carbon Reduction Certification immediately in the event of a change in the relevant policy of the host country or a change in guarantee for the relevant Project in relation to the documents submitted pursuant to subparagraph 1.

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Does the Programme have procedures in place for the following: (Paragraph 3.7.8)	
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a) to obtain, or require activity proponents to obtain and provide to the programme, written attestation from the host country's national focal point or focal point's designee?	<input checked="" type="checkbox"/> YES
b) for the attestation(s) to specify, and describe any steps taken, to prevent mitigation associated with units used by proponents under CORSIA from also being claimed toward a host country's national mitigation target(s) / pledge(s)?	<input checked="" type="checkbox"/> YES
c) for Host country attestations to be obtained and made publicly available prior to the use of units from the host country in the CORSIA?	<input checked="" type="checkbox"/> YES

Summarize and provide evidence of the policies and procedures referred to in a) through c):

- a) Before applying for registration, a project proponent is required to submit in writing a document that publicly guarantees that the certification of the relevant project will not be used twice for the achievement of NDC or other forms of project in the country in which the certified reduction occurs.
- b) KCS prevents mitigation associated with units used by project proponents under CORSIA from also being claimed toward a host country's national mitigation targets. KCS is managed in accordance with the Project Management Requirements to prevent double use of certified results.
- c) KCS requires all CORSIA eligible projects to have Host country attestations to be obtained and made publicly available prior to the use of units from the host country in the CORSIA. Please refer to the Project Management Requirements > Article 32 > 1 > ①.

[Project Management Requirements]

Article 32 (Special Cases concerning Issuance of CORSIA Certification Results)

1. Notwithstanding the provisions of this guideline, the following special cases apply in relation to the issuance of certification results to be used in the CORSIA system.
 - ① The Project proponent intending to use certified reduction for the CORSIA system shall submit written document that publicly guaranteeing that the concerned Project certified reduction will not be double used for CORSIA implementation of airlines, national NDC achievement or other form of Project, etc. from the country where the certification results occur (hereafter the "host country") prior to application for registration of the Project.

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Does the Programme have procedures in place requiring... (<i>Paragraph 3.7.9</i>)	
a) that activities take approach(es) described in (any or all of) these sub-paragraphs to prevent double-claiming?	<input checked="" type="checkbox"/> YES
<input checked="" type="checkbox"/> Emissions units are created where mitigation is not also counted toward national target(s) / pledge(s) / mitigation contributions / mitigation commitments. (<i>Paragraph 3.7.9.1</i>)	
<input checked="" type="checkbox"/> Mitigation from emissions units used by proponents under the CORSIA is appropriately accounted for by the host country when claiming achievement of its target(s) / pledges(s) / mitigation contributions / mitigation commitments, in line with the relevant and applicable international provisions. (<i>Paragraph 3.7.9.2</i>)	
<input checked="" type="checkbox"/> Programme procedures provide for the use of method(s) to avoid double-claiming which are not listed above (<i>Paragraph 3.7.9.3</i>)	

b) that Host Country attestations confirm the use of approach(es) referred to in the list above?	<input checked="" type="checkbox"/> YES
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Summarize and provide evidence of the policies and procedures referred to in a) and b):

- a) KCS prevents double-claiming of emissions units for all projects and takes special consideration for CORSIA eligible units as mentioned below that the emissions units are double-claimed in any international provisions.

- b) KCS will establish a process to follow up on whether the host country has applied correspondence adjustments and to obtain the necessary evidence, which will be recorded in the registry. However, as it will take time for countries to establish internal procedures for applying reconciliations to national accounts, the process of obtaining evidence from countries for reconciliation will take considerable time.
Please refer to the Project Management Requirements > Article 32 > 1 > ① to ⑥.

[Project Management Requirements]

Article 32 (Special Cases concerning Issuance of CORSIA Certification Results)

- 1. Notwithstanding the provisions of this guideline, the following special cases apply in relation to the issuance of certification results to be used in the CORSIA system.
 - ① The Project proponent intending to use certified reduction for the CORSIA system shall submit written document that publicly guaranteeing that the concerned Project certified reduction will not be double used for CORSIA implementation of airlines, national NDC achievement or other form of Project, etc. from the country where the certification results occur (hereafter the “host country”) prior to application for registration of the Project.
 - ② The Project proponent shall notify KCCI Center for Carbon Reduction Certification immediately in the event of a change in the relevant policy of the host country or a change in guarantee for the relevant Project in relation to the documents submitted pursuant to subparagraph 1.
 - ③ KCCI Center for Carbon Reduction Certification shall separately classify the Project certification results issued with the issuance account of the Projects registered in accordance with Item 1, and transfer part of the Project certification results to the CORSIA buffer account considering the risk of project implementation and issue the Project certified reduction to the account held by the Project proponent for the amount excluding the transferred amount.
 - ④ KCCI Center for Carbon Reduction Certification shall review whether the reductions recognition criteria of KCS conform to the reduction recognition criteria guaranteed by the host country of the Project applying for registration pursuant to Subparagraph 1 and shall manage to ensure that certified reduction is not double used. Nevertheless, KCCI Center for Carbon Reduction Certification shall compensate the CORSIA-related institution for the certified reduction corresponding to the canceled certified reduction in the CORSIA buffer account if the Project certified reduction under subparagraph 1 is canceled due to double use, etc.
 - ⑤ If the certified reduction in subparagraph 4 is revoked due to reasons attributable to the

Project proponent, KCCI Center for Carbon Reduction Certification shall immediately retrieve the certified reduction corresponding to the revoked certified reduction from the proponent's account. If the certified performance of the Project proponent's account fails to reach the amount collected, the Project proponent shall immediately procure the shortfall, and pay a certain ratio accumulated over the elapsed date if the procurement is delayed.

- ⑥ KCCI Center for Carbon Reduction Certification shall record and preserve the progress from Items 1 to 5 and submit the relevant records upon request from CORSIA-related organizations.

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Does the Programme... (<i>Paragraph 3.7.10</i>)	
a) make publicly available any national government decisions related to accounting for units used in ICAO, including the contents of host country attestations described in paragraph 3.7.8?	<input checked="" type="checkbox"/> YES
b) update information pertaining to host country attestation as often as necessary to avoid double-claiming?	<input checked="" type="checkbox"/> YES

Summarize and provide evidence of the policies and procedures referred to in a) and b):

- a) The CORSIA eligible under KCS must obtain a "guarantee and approval" from a designated agency of the government, and this guarantee and approval must be attached.
- b) KCS will establish a process to follow up on whether the host country has applied correspondence adjustments and to obtain the necessary evidence, which will be recorded in the registry. However, as it will take time for countries to establish internal procedures for applying reconciliations to national accounts, the process of obtaining evidence from countries for reconciliation will take considerable time. Please refer to the Project Management Requirements > Article 32 > 1 > ①.

[Project Management Requirements]

Article 32 (Special Cases concerning Issuance of CORSIA Certification Results)

1. Notwithstanding the provisions of this guideline, the following special cases apply in relation to the issuance of certification results to be used in the CORSIA system.
 - ① The Project proponent intending to use certified reduction for the CORSIA system shall submit written document that publicly guaranteeing that the concerned Project certified reduction will not be double used for CORSIA implementation of airlines, national NDC achievement or other form of Project, etc. from the country where the certification results occur (hereafter the "host country") prior to application for registration of the Project.

The above information can be confirmed by the standard posted on Centero system at <http://kcs.centero.kr>

Does the Programme have procedures in place to compare countries' accounting for emissions units in national emissions reports against the volumes of eligible units issued by the programme and used under the CORSIA which the host country's national reporting focal point or designee otherwise attested to its intention to not double claim? (<i>Paragraph 3.7.11</i>)	<input checked="" type="checkbox"/> YES
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Summarize and provide evidence of the policies and procedures referred to above:

The CORSIA eligible projects must follow the step-by-step process to implement emissions accounting and cross-checking of information in accordance with Article 6 of the Paris Agreement. The KCCI Center for Carbon Reduction Certification must review whether the KCS meet the standards guaranteed by the host country of the project and must be managed so that the certification performance is not used twice. Please refer to Project Management Requirements > Article 32 > 1 > ① to ⑥.

[Project Management Requirements]

Article 32 (Special Cases concerning Issuance of CORSIA Certification Results)

1. Notwithstanding the provisions of this guideline, the following special cases apply in relation to the issuance of certification results to be used in the CORSIA system.
 - ① The Project proponent intending to use certified reduction for the CORSIA system shall submit written document that publicly guaranteeing that the concerned Project certified reduction will not be double used for CORSIA implementation of airlines, national NDC achievement or other form of Project, etc. from the country where the certification results occur (hereafter the "host country") prior to application for registration of the Project.
 - ② The Project proponent shall notify KCCI Center for Carbon Reduction Certification immediately in the event of a change in the relevant policy of the host country or a change in guarantee for the relevant Project in relation to the documents submitted pursuant to subparagraph 1.
 - ③ KCCI Center for Carbon Reduction Certification shall separately classify the Project certification results issued with the issuance account of the Projects registered in accordance with Item 1, and transfer part of the Project certification results to the CORSIA buffer account considering the risk of project implementation and issue the Project certified reduction to the account held by the Project proponent for the amount excluding the transferred amount.
 - ④ KCCI Center for Carbon Reduction Certification shall review whether the reductions recognition criteria of KCS conform to the reduction recognition criteria guaranteed by the host country of the Project applying for registration pursuant to Subparagraph 1 and shall manage to ensure that certified reduction is not double used. Nevertheless, KCCI Center for Carbon Reduction Certification shall compensate the CORSIA-related institution for the certified reduction corresponding to the canceled certified reduction in the CORSIA buffer account if the Project certified reduction under subparagraph 1 is canceled due to double use, etc.
 - ⑤ If the certified reduction in subparagraph 4 is revoked due to reasons attributable to the Project proponent, KCCI Center for Carbon Reduction Certification shall immediately

retrieve the certified reduction corresponding to the revoked certified reduction from the proponent’s account. If the certified performance of the Project proponent’s account fails to reach the amount collected, the Project proponent shall immediately procure the shortfall, and pay a certain ratio accumulated over the elapsed date if the procurement is delayed.

- ⑥ KCCI Center for Carbon Reduction Certification shall record and preserve the progress from Items 1 to 5 and submit the relevant records upon request from CORSIA-related organizations.

The above information can be confirmed by the standard posted on Centro system at <http://kcs.centero.kr>

Does the Programme have procedures in place for the programme, or proponents of the activities it supports, to compensate for, replace, or otherwise reconcile double claimed mitigation associated with units used under the CORSIA which the host country’s national accounting focal point or designee otherwise attested to its intention to not double claim? (<i>Paragraph 3.7.13</i>)	<input checked="" type="checkbox"/> YES
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Summarize and provide evidence of the policies and procedures referred to above:

Project proponents who wish to use certification results for CORSIA must submit a document that publicly guarantees that the certified reduction will not be used twice as other forms of result or achieve NDC or from the host country or the airlines where the certified reduction occurs, prior to application for registration of the project.

Please refer to Project Management Requirements > Article 32 > 1 > ①.

[Project Management Requirements]

Article 32 (Special Cases concerning Issuance of CORSIA Certification Results)

1. Notwithstanding the provisions of this guideline, the following special cases apply in relation to the issuance of certification results to be used in the CORSIA system.
 - ① The project proponent intending to use certified reduction for the CORSIA system shall submit written document that publicly guaranteeing that the concerned Project certified reduction will not be double used for CORSIA implementation of airlines, national NDC achievement or other form of Project, etc. from the country where the certification results occur (hereafter the “host country”) prior to application for registration of the Project.

The above information can be confirmed by the standard posted on Centro system at <http://kcs.centero.kr>

Would the Programme be willing and able, upon request, to report to ICAO’s relevant bodies, as requested, performance information related to, <i>inter alia</i> , any material instances of and programme responses to country-level double claiming; the nature of, and any changes to, the the number, scale, and/or scope of host country attestations; any relevant changes to related programme measures? (<i>Paragraph 3.7.12</i>)	<input checked="" type="checkbox"/> YES
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Question 4.8 Do no net harm

Are procedures in place to ensure that offset projects do not violate local, state/provincial, national or international regulations or obligations? (<i>Paragraph 3.8</i>)	<input checked="" type="checkbox"/> YES
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Summarize and provide evidence of the policies and procedures referred to above:

The project proponent must implement the project according to the PDD of the approved project, complying with relevant laws and regulations. Please refer to Project Management Requirements > Article 19 > 1 > ① to ⑤.

[Project Management Requirements]

Article 19 (Implementation of Project)

1. A project proponent shall implement the relevant Project according to the project plan of the approved Project, comply with relevant laws and regulations, not impede other sustainable development standards other than GHG reduction, and appropriately operate and manage target facilities.
 - ① It shall comply with local, national, and international laws and regulations for the Projects not to cause harm.
 - ② It shall identify environmental and local community risks and impacts.
 - ③ It shall explain in detail the methods and mechanisms for preventing, reducing, mitigating or compensating for negative environmental and community impacts and the monitoring, management and implementation methods.
 - ④ It shall ensure that the rights of affected communities and other interested parties have been acknowledged and that they are fully and effectively engaged and consulted.
 - ⑤ It shall put continuous communication and grievance resolution mechanisms in place and share the benefits of the Project with affected communities.

The above information can be confirmed by the standard posted on Centro system at <http://kcs.centero.kr>

Describe, and provide evidence that demonstrates, how the programme complies with social and environmental safeguards: (*Paragraph 3.8*)

The project proponents must implement the project according to the PDD of the approved projectand must not compromise other sustainable development standards with greenhouse gas reduction, and properly operate and manage target facilities. Please refer to Project Management Requirements > Article 19 > 1 > ① to ⑤.

[Project Management Requirements]

Article 19 (Implementation of Project)

1. A project proponent shall implement the relevant Project according to the project plan of the approved Project, comply with relevant laws and regulations, not impede other sustainable development standards other than GHG reduction, and appropriately operate and manage target

facilities.

- ① It shall comply with local, national, and international laws and regulations for the Projects not to cause harm.
- ② It shall identify environmental and local community risks and impacts.
- ③ It shall explain in detail the methods and mechanisms for preventing, reducing, mitigating or compensating for negative environmental and community impacts and the monitoring, management and implementation methods.
- ④ It shall ensure that the rights of affected communities and other interested parties have been acknowledged and that they are fully and effectively engaged and consulted.
- ⑤ It shall put continuous communication and grievance resolution mechanisms in place and share the benefits of the Project with affected communities.

The above information can be confirmed by the standard posted on Centro system at <http://kcs.centero.kr>

Describe, and provide evidence of the programme's public disclosure of, the institutions, processes, and procedures that are used to implement, monitor, and enforce safeguards to identify, assess and manage environmental and social risks: (*Paragraph 3.8*)

KCS identifies, assesses, and manages environmental and social risks and discloses to the public to collect public opinion.

[KCCI Carbon Standard]

Article 9 (Public Opinion Collection)

- ① Upon revising this standard, stakeholders' opinions must be collected through external disclosure, and it must be reviewed on whether to reflect the received opinions.

The above information can be confirmed by the standard posted on Centro system at <http://kcs.centero.kr>

PART 5: Programme comments

Are there any additional comments the programme wishes to make to support the information provided in this form?

We, KCCI, as the name indicated, act such a significant role as chamber of commerce and industry based in Seoul representing Korea over the centennial, cooperating with other national chambers, institutions, and academic resources, connecting with our global branches and network abroad. As one of 6 economic organizations in the country, along with international trade association, federation of industries, federation of SMEs, we are trying to publicize issues to be solved and make a solution for them to the society in skillful and professional ways.

At this moment when we face the global warming, we are considering guiding the industries to solve these public issues, especially by reducing carbon emissions. To contribute to the global society by supporting the industries, we opened the KCCI Center for Carbon Reduction Certification and made a carbon standard program named KCS with its registry system named Centro at <http://kcs.centero.kr>

We believe KCS will play a significant role to attract private sectors to transform their businesses voluntarily and efficiently to low-carbon and reduce emissions.

SECTION IV: SIGNATURE

I certify that I am the administrator or authorized representative (“Programme Representative”) of the emissions unit programme (“Programme”) represented in a) this form, b) evidence accompanying this form, and c) any subsequent oral and/or written correspondence (a-c: “Programme Submission”) between the Programme and ICAO; and that I am duly authorized to represent the Programme in all matters related to ICAO’s analysis of this application form; and that ICAO will be promptly informed of any changes to the contact person(s) or contact information listed in this form.

As the Programme Representative, I certify that all information in this form is true, accurate, and complete to the best of my knowledge.

As the Programme Representative, I acknowledge that:

the Programme’s participation in the assessment does not guarantee, equate to, or prejudice future decisions by Council regarding CORSIA-eligible emissions units; and

the ICAO is not responsible for and shall not be liable for any losses, damages, liabilities, or expenses that the Programme may incur arising from or associated with its voluntary participation in the assessment; and

as a condition of participating in the assessment, the Programme will not at any point publicly disseminate, communicate, or otherwise disclose the nature, content, or status of communications between the Programme and ICAO, and of the assessment process generally, unless the Programme has received prior notice from the ICAO Secretariat that such information has been and/or can be publicly disclosed.

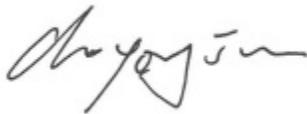
Signed:

Youngjun Cho

March 29, 2023

Full name of Programme Representative (*Print*)

Date signed (*Print*)



Programme Representative (*Signature*)

(This signature page may be printed, signed, scanned and submitted as a separate file attachment)

SECTION IV: SIGNATURE

I certify that I am the administrator or authorized representative (“Programme Representative”) of the emissions unit programme (“Programme”) represented in a) this form, b) evidence accompanying this form, and c) any subsequent oral and/or written correspondence (a-c: “Programme Submission”) between the Programme and ICAO; and that I am duly authorized to represent the Programme in all matters related to ICAO’s analysis of this application form; and that ICAO will be promptly informed of any changes to the contact person(s) or contact information listed in this form.

As the Programme Representative, I certify that all information in this form is true, accurate, and complete to the best of my knowledge.

As the Programme Representative, I acknowledge that:

the Programme’s participation in the assessment does not guarantee, equate to, or prejudge future decisions by Council regarding CORSIA-eligible emissions units; and

the ICAO is not responsible for and shall not be liable for any losses, damages, liabilities, or expenses that the Programme may incur arising from or associated with its voluntary participation in the assessment; and

as a condition of participating in the assessment, the Programme will not at any point publicly disseminate, communicate, or otherwise disclose the nature, content, or status of communications between the Programme and ICAO, and of the assessment process generally, unless the Programme has received prior notice from the ICAO Secretariat that such information has been and/or can be publicly disclosed.

Signed:

Youngjun Cho

March 29, 2023

Full name of Programme Representative (*Print*)

Date signed (*Print*)



Programme Representative (*Signature*)

(This signature page may be printed, signed, scanned and submitted as a separate file attachment)



ICAO

Programme Application Form, Appendix B

Programme Assessment Scope

CONTENTS: With this document, programmes may define which of their activities they are submitting for assessment by the TAB. The two sheets are described below:

Sheet A) Activities the programme describes in this form, which will be assessed by ICAO's TAB

Sheet B) List of all methodologies / protocols that support activities described under Sheet A

SHEET A: DESCRIBED ACTIVITIES (Here, list activities supported by the programme that are described in this form for further assessment)

Sector	Supported activity type(s)	Implementation level(s)	Geography(ies)
Forest (or 산림)	Project of improving sequestration by extending forest age of its final cutting in Hoengseong-gun, Gangwon Province of Korea (* Please refer to the original title in Korean as described below: 벌기령 연장을 통한 산림 경영 사업(횡성)	Project-level	Korea, Rep.
Forest (or 산림)	Project of improving sequestration by extending forest age of its final cutting in Cheonan-si, Chungnam Province of Korea (* Please refer to the original title in Korean as described below: 벌기령 연장을 통한 산림 경영 사업(천안)	Project-level	Korea, Rep.
Forest (or 산림)	Project of improving sequestration by extending forest age of its final cutting in Yeongdong-gun, Chungbuk Province of Korea (* Please refer to the original title in Korean as described below: 벌기령 연장을 통한 산림 경영 사업(영동)	Project-level	Korea, Rep.
Forest (or 산림)	Project of improving sequestration by extending forest age of its final cutting in Chungju-si, Chungbuk Province of Korea (* Please refer to the original title in Korean as described below: 벌기령 연장을 통한 산림 경영 사업(충주)	Project-level	Korea, Rep.
Energy Demand (or 에너지 수요)	AMS-II.G.: The Project of Climate Change Center program of Activities (PoA) for Distribution of Improved Cookstoves (ICS) in Developing South and Southeast Asia Countries (Myanmar)	Project-level	Myanmar
Construction Industry (or 건설)	Business for reduction of fossil fuels and greenhouse gas emissions through production of warm mix asphalt concrete in Korea* (* Please refer to the original title in Korean as described below: SK Energy와 Y아스콘의 국내 중온 아스팔트 혼합물 생산을 통한 연료 및 온실가스 저감 사업	Project-level	Korea, Rep.
Forest (or 산림)	2021 Carbon sink enhancement project through restoration of mangrove forests in Tra Vinh Province, Vietnam* (* Please refer to the original title in Korean as described below: 2021년 베트남 짜빈성 맹그로브 숲 복원을 통한 탄소흡수원 증진 사업	Project-level	Vietnam

<p>Transportation (or 수송)</p>	<p>Greenhouse gas reduction project generated during the transportation of salt water* (* Please refer to the original title in Korean as described below: 염수의 운송 과정에서 발생한 온실가스 감축 사업</p>	<p>Project-level</p>	<p>United States</p>
<p>Waste Management and Disposal (or 폐기물 취급 및 처리)</p>	<p>Greenhouse gas reduction project in the process of producing chemical materials using raw materials applied with waste plastic depolymerization technology* (* Please refer to the original title in Korean as described below: 폐플라스틱 해중합 기술을 적용한 원료를 사용하여 화학소재를 생산하는 과정에서의 온실가스 저감 사업</p>	<p>Project-level</p>	<p>Korea, Rep.</p>
<p>Energy Demand (or 에너지 수요)</p>	<p>Building cooling and heating energy saving business through application of smart window film* (* Please refer to the original title in Korean as described below: 스마트윈도우 필름 적용을 통한 건물 냉난방 에너지 절감 사업</p>	<p>Project-level</p>	<p>Korea, Rep.</p>
<p>Waste Management and Disposal (or 폐기물 취급 및 처리)</p>	<p>Project to replace single-use coffee cups with reusable cups from SK Telecom's Happy Habit program* (* Please refer to the original title in Korean as described below: SK Telecom의 해피해빗(HappyHabit) 프로그램을 통해 커피전문점의 일회용 용기를 다회용 용기로 대체하는 사업</p>	<p>Project-level</p>	<p>Korea, Rep.</p>
<p>Waste Management and Disposal (or 폐기물 취급 및 처리)</p>	<p>Business that uses pyrolysis refined oil and green carbon black produced by using waste tire pyrolysis technology as fuel and raw materials for naphtha cracking facilities or petrochemical products* (* Please refer to the original title in Korean as described below: 폐타이어 열분해 기술을 활용하여 생산한 열분해 정제유 및 그린 카본블랙을 연료 및 나프타 분해시설 또는 석유화학제품의 원료로 사용하는 사업</p>	<p>Project-level</p>	<p>Korea, Rep.</p>

SHEET B: METHODOLOGIES / PROTOCOLS LIST (Here, list all methodologies / protocols that support activities described in Sheet A)

Methodology name	Unique Methodology / Protocol Identifier	Applicable methodology version(s)	Date of entry into force of most recent version	Prior versions of the methodology that are credited by the Programme (if applicable)	Greenhouse / other gases addressed in methodology	Web link to methodology
Methodology of Forest management project by extending age of final cutting from Korean National Forest Certification System of Forestry and Mountain Villages Development Promotion Act (* Please refer to the original title in Korean as described below: 별기령 연장을 통한 산림경영방법론	KCS-M-23-001	V1.0	31/08/2021	N/A	CO2	https://www.centero.kr/Methodology/MethodologyDetail?ctr=IGQbPE6V-W5kviC3MY-bfCj11Llw98CefVJ7qNd11bUuNPkcS5PFOI4sgGIDotONS8clHEvM-OsgGwawgGfbHNylgllbt6w-nlsRMTC2vYETi9itF--GzSw9VEGpqiho3MMcD7OT1y
Energy efficiency measures in thermal applications of non-renewable biomass	KCS-M-23-002	V1.0	31/08/2021	N/A	CO2, CH4, N2O	https://www.centero.kr/Methodology/MethodologyDetail?ctr=IGQbPE6V-W5kviC3MY-bfCj11Llw98CefVJ7qNd11bUuNPkcS5PFOI4sgGIDotONkBNJAyIGA-A_0PJL3ZhoZOO-Onc4gRj50MtaGYyTZMTDaO_ZfGimHWtcko-xSOI7_zSbMlgbchptxmvC1Z1_k89P8ICAFxaTxizTlqvHDXd8KBo7GFGVyeiCEJrSpNIRLHhr3V5in7zdYZcQWfhDmha0dtEmgb4GebXgOkRcP0a1hvtYFS3odClujoFD9wGHBGnhSszcLduRINQcwUy7sgP2MXoZurHXjvUA2_zjSig
Methodology on reduction of fossil fuels and greenhouse gas emissions by manufacturing warm mix asphalt concrete* (* Please refer to the original title in Korean as described below: 중온 아스팔트 혼합물 생산을 통한 연료 및 온실가스 저감 방법론	KCS-M-23-005	V1.0	14/10/2021	N/A	CO2, CH4, N2O	https://www.centero.kr/Methodology/MethodologyDetail?ctr=IGQbPE6V-W5kviC3MY-bfCj11Llw98CefVJ7qNd11bUuNPkcS5PFOI4sgGIDotONM6H0coGTlzKAKfelDZO2PxQmuKNNAXhCkQZxwi150hWnta-285qyxDLlqXNuijB-
Afforestation and reforestation methodology in degraded mangrove habitats* (* Please refer to the original title in Korean as described below: 훼손된 맹그로브 서식지의 조림 및 재조림 방법론	KCS-M-23-008	V1.0	14/12/2021	N/A	CO2	https://www.centero.kr/Methodology/MethodologyDetail?ctr=IGQbPE6V-W5kviC3MY-bfCj11Llw98CefVJ7qNd11bUuNPkcS5PFOI4sgGIDotONsTpwFErtF00WFM3QARMFxSWFh_g65q5rJZmLjphXDqigiewuUuUjN3VUV-B0YdJfWrC259rosyx2Mn7-fl947s4Tfi-90H-guPk7JmxptPpXoeCaFvZrvJbkTvR7UTjOETGQm0vpuUCeinPZ8Gu4fZaqZNUbApVQj35usXkxDxc-T56yD4JLoAhppx1Rp-i0mKOeFGEUX4UT6eDYR3V966yUvbYRIRJO7Nmj4OmPaQDA

<p>Methodology for greenhouse gas reduction generated during the transportation of salt water* (* Please refer to the original title in Korean as described below: 염수의 운송 과정에서 발생한 온실가스 감축 방법론</p>	KCS-M-23-009	V1.0	14/12/2021	N/A	CO2	https://www.centero.kr/Methodology/MethodologyDetail?ctr=IGQbPE6V-W5kviC3MY-bfCj11Llw98CefVJ7qNd11bUuNPkcS5PFOI4sgGIDotON8SSor81XcUVgl31isitGQbkuoI54NQ0F4XJ8q8kRYmQLTjo8jERPL51YKF9iDXkzRgY5rZJQQ9sGVjtAGDoWOpvvoKsvLBg5s3IWwb805dKTzn37hdyYpM60eb4L2jMeo6MLXZAhZOyhYOmta2-hrZ1cb8aBjoibFEuTBgR8hX-kntq5lyZSgrBMc03FQtg3nbG6BecqDKRABQHZcwnkf_jPyPh1Mh0R7H0xoR6Qw
<p>Methodology of chemical products from raw materials produced by applying waste plastic depolymerization technology* (* Please refer to the original title in Korean as described below: 폐플라스틱 해중합 기술을 적용하여 생산된 원료를 통해 화학소재를 생산하는 사업의 방법론</p>	KCS-M-23-010	V2.0	14/12/2022	(V1.0) Methodology for greenhouse gas reduction in the PETG production process through the use of waste plastic as chemical recycled(depolymerization) raw materials* (* Please refer to the original title in Korean as described below: (V1.0) 폐플라스틱 Chemical Recycled (Depolymerization) 원료 사용을 통한 PETG 생산 과정에서의 온실가스 저감에 대한 방법론	CO2, CH4, N2O	https://www.centero.kr/Methodology/MethodologyDetail?ctr=IGQbPE6V-W5kviC3MY-bfCj11Llw98CefVJ7qNd11bUuNPkcS5PFOI4sgGIDotONTWHlzeABSlm6nhFbe1zw7KEk-rvO4f5Sjz-Vg2FAHbrmry4HmUijITUKNDa7U0hyjqy53cQ2a_jNjsKuUgNZWewuRs6ZT9iWw5K-Gbp7mE8XzvC22CY5YPZcJwkcGwmirgcVL-c000gku_DfKCvipwZh53wZ-jA74cid7Z2k3j5xBLXuqj7ffPRyzAa8VWvgNGHr1jbGS1Ji_bawbyK2RrcCQXaYjtDaCJS1S-k6i8
<p>Methodology of building cooling and heating energy saving through smart window film* (* Please refer to the original title in Korean as described below: 스마트윈도우 필름 적용을 통한 건물 냉난방 에너지 절감사업의 방법론</p>	KCS-M-23-011	V1.0	14/12/2021	N/A	CO2, CH4, N2O	https://www.centero.kr/Methodology/MethodologyDetail?ctr=IGQbPE6V-W5kviC3MY-bfCj11Llw98CefVJ7qNd11bUuNPkcS5PFOI4sgGIDotONiKbsCO6Wu7wT7ibWJEAiYIDihhMX4uQelR3mJXk07_oDSDPYXfs7YFmaNaXezBhnA9N7DDXq_2s8i7SWQah0wfOLR8-zwCfn2_tY7qui1btYZYdINRnsw9mQTcEfpIbEajHJXNwHpmIWOmI3x43KEZTv26rQnSh7DNqINL7vs247k53tAo6uuaEYotKKnHAQ8bn9S-EPh2wYU3EMRfLUeUjYdO6K6eXXGcRsJBrl

<p>Methodology for replacing single-use containers with reusable containers*</p> <p>(* Please refer to the original title in Korean as described below: 다회용 용기를 도입하여 일회용 용기를 대체하는 사업의 방법론</p>	KCS-M-23-012	V1.0	01/07/2022	N/A	CO2, CH4, N2O	https://www.centero.kr/Methodology/MethodologyDetail?ctr=IGQbPE6V-W5kviC3MY-bfCj11Llw98CefVJ7qNd11bUuNPkcS5PFOI4sgGIDotONerjZv5J5ipg1dnyTyWBy_VQXb4H-OVise_P3pz-4D20zS-kA2WVHIHg_dV8vTELxwT_odNdEyc5WNpWPuVxLeYjeHnSDe_QFww5GKK-pM_SAirTMzobfJ6UOwN2maehHEMQRs6sPGIIBbeiTYJS-zb7T6FZAdF35YeSlkNHVYagiBvb1cd7FexvAwKrSDmG1iV5KpPYlb_cqpRvtVo8bYaNgVy-1ExbCyhmL_arT6eE
<p>Business methodology for using pyrolysis oil and carbon black produced using waste tire pyrolysis technology as raw materials for fuel and naphth*</p> <p>(* Please refer to the original title in Korean as described below: 폐타이어 열분해 기술을 활용하여 생산한 열분해 정제유 및 카본블랙을 연료 및 나프타 분해시설 또는 석유화학제품의 원료로 사용하는 사업의 방법론</p>	KCS-M-23-016	V1.0	14/12/2022	N/A	CO2, CH4, N2O	https://www.centero.kr/Methodology/MethodologyDetail?ctr=IGQbPE6V-W5kviC3MY-bfCj11Llw98CefVJ7qNd11bUuNPkcS5PFOI4sgGIDotONM5awGBECusu3Nw4D-otIERKEBLbF4_LgR7LiSd0GdjfS37hHx_2-PLY_D6Xzd-kqHnpOe0CxlGz9z44inlwDZ-J2rvh0iKp4o7Kd_5p-ukZQ9YAgOsCREnj8XOyzZwH56nKKQoGUIb-KAJN2vVls954v13fk2YJCE2N13y0ve7BH2cKckO1iLfYv-yzSHy_aTQ1eDKrG6XySXwjFEHmoA2Ha7CAZDjnYHNbCfMQ_o2Y



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Programme Application Form, Appendix C

Programme Exclusions Scope

CONTENTS: With this document, programmes may define which of their activities they are **excluding** from TAB's assessment. The two sheets are described below:

Sheet A) Activities the programme describes in this form will be **excluded** from assessment by ICAO's TAB

Sheet B) List of all methodologies / protocols that support activities described under Sheet A

SHEET A: EXCLUDED ACTIVITIES (Here, list activities supported by the programme that are **excluded** from further assessment))

Sector	Project/programme type(s)	Implementation level(s)	Geography(ies)
Energy Demand (or 에너지 수요)	Project to reduce electricity consumption by improving the performance of SK Hynix's low-power DRAM* (* Please refer to the original title in Korean as described below: SK Hynix 저전력 DRAM의 성능 개선에 따른 전기 소모 절감 사업	Project-level	Worldwide
Energy Demand (or 에너지 수요)	Project to reduce electricity consumption by improving the performance of SK Hynix's low-power eSSD* (* Please refer to the original title in Korean as described below: SK Hynix 저전력 eSSD의 성능 개선에 따른 전기 소모 절감 사업	Project-level	Worldwide
Transportation (or 수송)	Greenhouse gas emission reduction project in the process of vehicle operation according to SK On's development and supply of batteries for electric vehicles* (* Please refer to the original title in Korean as described below: SK On의 전기 차량 전용 배터리 개발 및 보급에 따른 차량 운행과정에서의 온실가스 배출감축사업	Project-level	Worldwide
Transportation (or 수송)	SK Lubricants Vehicle fuel efficiency improvement business through the sale of low-viscosity engine oil* (* Please refer to the original title in Korean as described below: SK Lubricants 저점도 엔진오일 판매를 통한 차량 연비향상 사업	Project-level	Korea, Rep.
Transportation (or 수송)	Vehicle fuel efficiency improvement project through the development and sale of mineral-based lube base oil* (* Please refer to the original title in Korean as described below: 광유계 윤활기유 개발 및 판매를 통한 차량 연료이용효율 향상 사업	Project-level	Worldwide
Waste Management and Disposal (or 폐기물 취급 및 처리)	Project for carbon storage(fixation) when growing biomass as a raw material(Isosorbide, ISB) and greenhouse gas reduction generated from waste plastic incineration when bio-based plastic is disposed* (* Please refer to the original title in Korean as described below: 바이오 원료인 아이소소바이드(ISB)를 사용한 바이오 베이스 플라스틱 제품을 생산하는 과정에서 원료(ISB)인 바이오매스 재배 시 탄소저장(고정)과 바이오 베이스 플라스틱 폐기 시 폐플라스틱 소각에서 발생하는 온실가스 저감 사업	Project-level	Korea, Rep.
Energy Demand (or 에너지 수요)	Electricity loss reduction project due to SiC Wafer development and replacement of Si Wafer-based semiconductor devices (* Please refer to the original title in Korean as described below: SiC Wafer 개발 및 Si Wafer 기반 반도체 소자 대체에 따른 전력 손실 절감 사업	Project-level	Worldwide
Waste Management and Disposal (or 폐기물 취급 및 처리)	Business to curb the use of disposable products through the food delivery service of Baemin Company* (* Please refer to the original title in Korean as described below: 배달의 민족 서비스를 통해 일회용품의 사용을 억제하는 사업	Project-level	Korea, Rep.

SHEET B: EXCLUDED METHODOLOGIES (Here, list all methodologies / protocols that support activities described in Sheet A)

Methodology name	Unique Methodology / Protocol Identifier	Applicable methodology version(s)	Date of entry into force of most recent version (yyyy-mm-dd)	Prior versions of the methodology that are credited by the Programme (if applicable)	Greenhouse / other gases addressed in methodology	Web link to methodology
Methodology for electricity consumption reduction business by improving the performance of low-power DRAM* (* Please refer to the original title in Korean as described below: 저전력 DRAM의 성능 개선에 따른 전기 소모 절감 사업의 방법론	KCS-M-23-003	V1.0	25/10/2021	N/A	CO2, CH4, N2O	https://kcs.centero.kr
Methodology for electricity consumption reduction business by improving the performance of low-power eSSD* (* Please refer to the original title in Korean as described below: 저전력 eSSD의 성능 개선에 따른 전기 소모 절감 사업의 방법론	KCS-M-23-004	V1.0	25/10/2021	N/A	CO2, CH4, N2O	https://kcs.centero.kr
Methodology for improving vehicle fuel use efficiency through the development and sale of low-viscosity engine oil* (* Please refer to the original title in Korean as described below: 저점도 엔진오일 개발 및 판매를 통한 차량 연료이용효율 향상 사업의 방법론	KCS-M-23-006	V1.0	15/11/2021	N/A	CO2	https://www.centero.kr/Methodology/MethodologyDetail?ctr=IGQbPE6V-W5kviC3MY-bfCj11Lw98CefVJ7qNd11bUuNPkcS5PFOI4sgGIDotON6cQsNLHe4yrKdFzvmHTQL4m11CTSH0tyfNAHMz2yY_jpp5bOxhh3UOv4AiUQv8c1n4v0wjrfwl-Wy6w66WJliO6oYAssYLMkFjYDITXiR5SRdXhB6UkYU4JwuRfCY29ab3_n77nbD2rcAif2YtnHLQClayBKTsf_Bc-YEFQ7fCSzxfupdzV7302JbNummy8JME1cAe94nf-CPtGw0TnR3Y-mmtcJT-nqiWImUnPJ9Q
Methodology for fossil fuel reduction project according to the installation of dedicated batteries for electric or hybrid vehicles* (* Please refer to the original title in Korean as described below: 전기 또는 하이브리드 차량 전용 배터리 도입에 따른 화석연료 절감 사업의 방법론	KCS-M-23-007	V1.0	15/11/2021	N/A	CO2, CH4, N2O	https://www.centero.kr/Methodology/MethodologyDetail?ctr=IGQbPE6V-W5kviC3MY-bfCj11Lw98CefVJ7qNd11bUuNPkcS5PFOI4sgGIDotON5eIJInfe_bylCW9hXIJ1DgGEKkLJFHv40TaS4tloZaF1Rf-THJnf9edi1zLkq-4W34v9tJ0haAS_vWTD1v1lI naPDI5fGJ6YfPqN8cYg2xqwjOTqx_vvOws1Wiy-lhxKFs17VGBPIQke4H_QN WVNQwdOoTPq0JJJaVH4PbgwMGEgVwv8z3GnTn4IVCAi42WxaPJFuOfOQyhlcy34gmmX4J2v6HmA6EnU8p-WDcl8Uk
Methodology for improving vehicle fuel use efficiency through the development and sale of mineral-based lube base oil* (* Please refer to the original title in Korean as described below: 광유계 윤활기유 개발 및 판매를 통한 차량 연료이용효율 향상 사업의 방법론	KCS-M-23-013	V1.0	21/09/2022	N/A	CO2	https://www.centero.kr/Methodology/MethodologyDetail?ctr=IGQbPE6V-W5kviC3MY-bfCj11Lw98CefVJ7qNd11bUuNPkcS5PFOI4sgGIDotONGtqMzGO5e1RoNieFU2uMEpj25i1nH9DxU8NpNyGgB6o6pXsADeti7UfI8H0fSXJongvtG4Mof7D2XyZ_1CXnifVrcgDaKowYaL5I9pe5HOMu2jhmDFIE2jM3Jha_BZ5U3dgYV Gy_TQ49qsDoDIHFHf-1QYv0wtrHq11POR6Lpe2KfGjHPWmiNpi5YiE_pBtMGcI9ElwVk_OHJJBuH4zBen8QrQeRr-1wJQwBuJ14

<p>Methodology for reducing greenhouse gas in carbon storage and incineration disposla by using bio materials*</p> <p>(* Please refer to the original title in Korean as described below: <i>바이오 원료 사용에 의한 바이오 베이스 플라스틱의 탄소 저장(고정)과 바이오 베이스 폐플라스틱 소각 폐기에서의 온실가스 저감에 대한 방법론</i></p>	KCS-M-23-014	V1.0	14/12/2022	N/A	CO2, CH4, N2O	https://www.centero.kr/Methodology/MethodologyDetail?ctr=IGQbPE6V-W5kviC3MY-bfCj11Lw98CefVJ7qNd11bUuNPkc55PFOI4sgGIDotONgHGnFVK6AE3Y94mHS8fS6IRBiiYvhEvKv1IWbiilTI9gufrDioLhxaRuPurXkh7RCbYAApAbfsT-ighGGiwvZEL4SDOCsNkbWz7rYJeEmVgYnmxuj5xrbT89ZLq02rBA7c5jXmJgGEAd3ouA8S9_K8tb3hcYC1cwaOUYrKeQiIN5OoUudK4kasXnJKKFOWK6rtsPxGCFDf241sQKN0Zm4slKv29WRV8PJ0VVdHmsDbw
<p>Methodology of electricity loss reduction project due to SiC Wafer development and replacement of Si Wafer-based semiconductor devices*</p> <p>(* Please refer to the original title in Korean as described below: <i>SiC Wafer 개발 및 Si Wafer 기반 반도체 소자 대체에 따른 전력 손실 절감 사업의 방법론</i></p>	KCS-M-23-015	V1.0	14/12/2022	N/A	CO2, CH4, N2O	https://www.centero.kr/Methodology/MethodologyDetail?ctr=IGQbPE6V-W5kviC3MY-bfCj11Lw98CefVJ7qNd11bUuNPkc55PFOI4sgGIDotONZOMDssm-TE5zUjW094rHogR2hTfHOpBsSEDMAZLR7zFdnAVtgSAeNo0ARxF3ZGQmuAdG2N6fSUP2MbzE9Vfkl0wPmBdaFJv9OPv7Yaj5tnuN6FTOpjXWEShBIM7xA85spALLR61Y1rH6kghcSEpoHVdnfjBfLME_e3dNAUG6jiVb8bH9sxKw6hv3bFpSait6GdwRPNnl8Agay5RxXxm0ojDQ6ZqlDrJx8zBH54s
<p>Methodology of the project to curb the use of disposable products*</p> <p>(* Please refer to the original title in Korean as described below: <i>일회용품 사용 억제 사업의 방법론</i></p>	KCS-M-23-017	V1.0	14/12/2022	N/A	CO2, CH4, N2O	https://www.centero.kr/Methodology/MethodologyDetail?ctr=IGQbPE6V-W5kviC3MY-bfCj11Lw98CefVJ7qNd11bUuNPkc55PFOI4sgGIDotONWAawR7ys8QL1jWKz2pCNTb7Y2Met0S9i3vLy_kksBWLbsd8QOG_PCMqA6jYK-3hhERJOeFJqBoU8bllHytJqJLBv0zqu78psnLTfHYPRbF9KqgZ3svjX5zKpwSfPyTIMLfQ0hX3H-j3lNw34mVu_28BwGOnOduktTPvBBUycKdaiW19thESWmDx4blaKcvTNGn_lv_RHeQQqM1ecC453YM8wviWp3bFoAafvsHOyk

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
 - 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

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.

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;
- 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

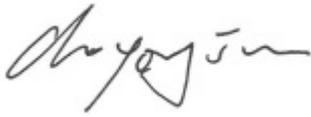
² Only applicable when the Programme submits the signed "*Emissions Unit Programme Registry Attestation*" to the ICAO Secretariat after the Programme is determined to be eligible by a decision of the ICAO Council.

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.

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

Youngjun Cho

Programme Representative Name

KCCI Carbon Standard (KCS)

Programme Name

March 29, 2023

Date



Registry Representative Signature

Nokyoung Kim

Registry Representative Name

KCCI Certified Reduction (KCR)

Registry Name

March 29, 2023

Date

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: [KCCI Carbon Standard \(KCS\)](#)

Administering Organization⁵: [KCCI Center for Carbon Reduction Certification](#)

Official mailing address: 18F, 39 Sejong-daero, Jung-gu, Seoul 04513, Korea

Telephone #: +82 (0)2-6050-3827/8

Official web address: <https://kcs.centero.kr>

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

Full name and title: [Mr. Hyunsuk Kim / Expert Advisor](#)

Employer / Company (if not programme): [KCCI Center for Carbon Reduction Certification](#)

E-mail address: hkim@korcham.net Telephone #: +82 (0)2-6050-3832, +82 (0)10-8917-0718

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

Full name and title: [Mr. Youngjun Cho / Executive Director](#)

Employer / Company (if not Programme): [KCCI Sustainable Management Institution](#)

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*".

E-mail address: bestcho@korcham.net

Telephone #: +82 (0)2-6050-3480, +82 (0)10-5237-3329

2. Registry Representative Information⁶

A. Registry Information

Registry / system name: KCCI Certified Reduction (KCR) / “Centero” System

Administering Organization: KCCI Center for Carbon Reduction Certification

Official mailing address: 18F, 39 Sejong-daero, Jung-gu, Seoul 04513, Korea

Telephone #: +82 (0)2-6050-3827/8

Official web address: <https://kcs.centero.kr>

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

Full name and title: Mr. Kyoungjin Im / Manager

Employer / Company (*if not Registry Administering Organization*): KCCI Center for Carbon Reduction Certification

E-mail address: lkjl@korcham.net

Telephone #: +82 (0)2-6050-3828, +82 (0)10-8187-5010

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

Full name and title: Mr. Nokyoung Kim / Head of the Center

Employer / Company (*if not Registry Administering Organization*): KCCI Center for Carbon Reduction Certification

E-mail address: econy@korcham.net

Telephone #: +82 (0)2-6050-3804, +82 (0)10-3001-9667

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 style="text-align: center;"><input checked="" type="checkbox"/> YES</p>
<p>7.1</p>	<p>Describe how the Registry ensures its ability to implement these provisions:</p>	
	<p>KCS meets all the questions of the CORSIA application form presented by ICAO, which can be confirmed through the standards and requirements of KCS. In addition, it fully satisfies the qualification conditions for inclusion in CORSIA eligible emission units and has been recognized. In this regard, KCS follows the process to be implemented for emissions accounting and cross-checking of information in accordance with Article 6 of the Paris Agreement. KCS must review whether the KCS meet the standards guaranteed by the host country of the project and must be managed so that the certified reduction is not used twice. Please refer to Project Management Requirements > Article 32 > 1 > ① to ⑥.</p> <p>[Project Management Requirements] Article 32 (Special Cases concerning Issuance of CORSIA Certification Results)</p> <ol style="list-style-type: none"> 1. Notwithstanding the provisions of this guideline, the following special cases apply in relation to the issuance of certification results to be used in the CORSIA system. <ol style="list-style-type: none"> ① The Project proponent intending to use certified reduction for the CORSIA system shall submit written document that publicly guaranteeing that the concerned Project certified reduction will not be double used for CORSIA implementation of airlines, national NDC achievement or other form of Project, etc. from the country where the certification results occur (hereafter the “host country”) prior to application for registration of the Project. ② The Project proponent shall notify KCCI Center for Carbon Reduction Certification immediately in the event of a change in the relevant policy of the host country or a change in guarantee for the relevant Project in relation to the documents submitted pursuant to subparagraph 1. ③ KCCI Center for Carbon Reduction Certification shall separately classify the Project certification results issued with the issuance account of the Projects registered in accordance with Item 1, and transfer part of the Project certification results to the CORSIA buffer account considering the risk of project implementation and issue the Project certified reduction to the account held by the Project proponent for the amount excluding the transferred amount. ④ KCCI Center for Carbon Reduction Certification shall review whether the reductions recognition criteria of KCS conform to the reductions recognition criteria guaranteed by the host country of the Project applying for registration pursuant to Subparagraph 1 and shall manage to ensure that certified reduction is not double used. Nevertheless, KCCI Center for Carbon Reduction Certification shall compensate the CORSIA-related institution for the certified reduction corresponding to the canceled certified reduction in the CORSIA buffer account if the Project certified reduction under subparagraph 1 is canceled due to double use, etc. 	

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>⑤ If the certified reduction in subparagraph 4 is revoked due to reasons attributable to the Project proponent, KCCI Center for Carbon Reduction Certification shall immediately retrieve the certified reduction corresponding to the revoked certified reduction from the proponent's account. If the certified performance of the Project proponent's account fails to reach the amount collected, the Project proponent shall immediately procure the shortfall, and pay a certain ratio accumulated over the elapsed date if the procurement is delayed.</p> <p>⑥ KCCI Center for Carbon Reduction Certification shall record and preserve the progress from Items 1 to 5 and submit the relevant records upon request from CORSIA-related organizations.</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> .
	The above information can be confirmed by the standard posted on Centero system at http://kcs.centero.kr

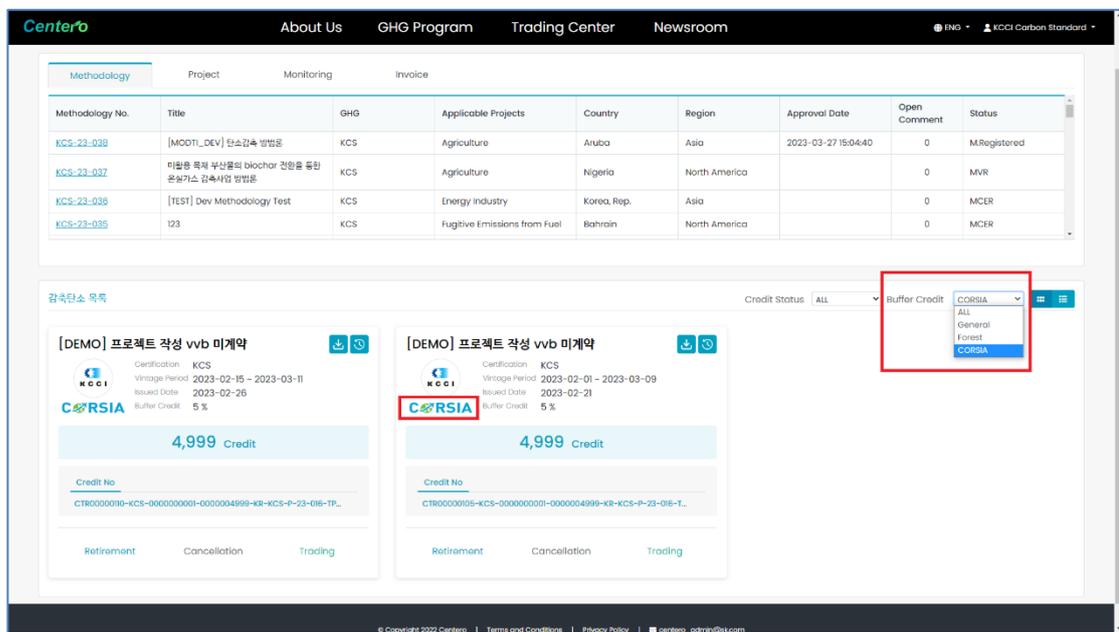
	Will the Programme Registry ensure that a CORSIA participant's request for a registry account will not be denied solely on the basis of the country in which the requestor is headquartered or based?	<input checked="" type="checkbox"/> YES
7.2	Describe how the Registry does or will implement this provision:	
	KCS will not discriminate CORSIA participants by any factor such as gender, race, country of origin, economic level, etc., or apply special standards, and will evaluate them based on fair and impartial standards and will guarantee participants' free will to register and trade.	
	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> .	
	The above can be conducted by Centero system at http://kcs.centero.kr	

	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> "?	<input checked="" type="checkbox"/> YES
7.3	Describe how the Registry does or will implements this provision:	
	KCS has CORSIA's provisions for issuance of certified results in its standards and requirements to label it when it is determined as a CORSIA-qualified emission unit. Please refer to Project Management Requirements > Article 32 > 1 > ③.	
	<p>[Project Management Requirements] Article 32 (Special Cases concerning Issuance of CORSIA Certification Results)</p> <p>1. Notwithstanding the provisions of this guideline, the following special cases apply in relation to the issuance of certification results to be used in the CORSIA system.</p>	

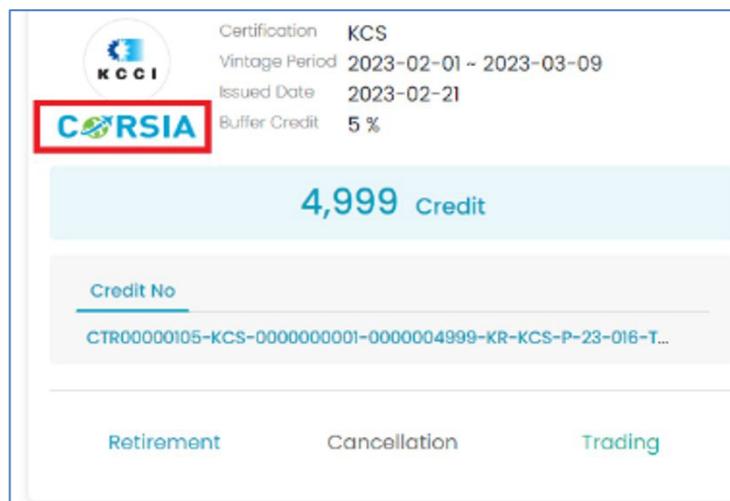
③ KCCI Center for Carbon Reduction Certification shall separately classify the Project certification results issued with the issuance account of the Projects registered in accordance with Item 1, and transfer part of the Project certification results to the CORSIA buffer account considering the risk of project implementation and issue the Project certified reduction to the account held by the Project proponent for the amount excluding the transferred amount.

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 *Emissions Unit Programme Registry Attestation*.

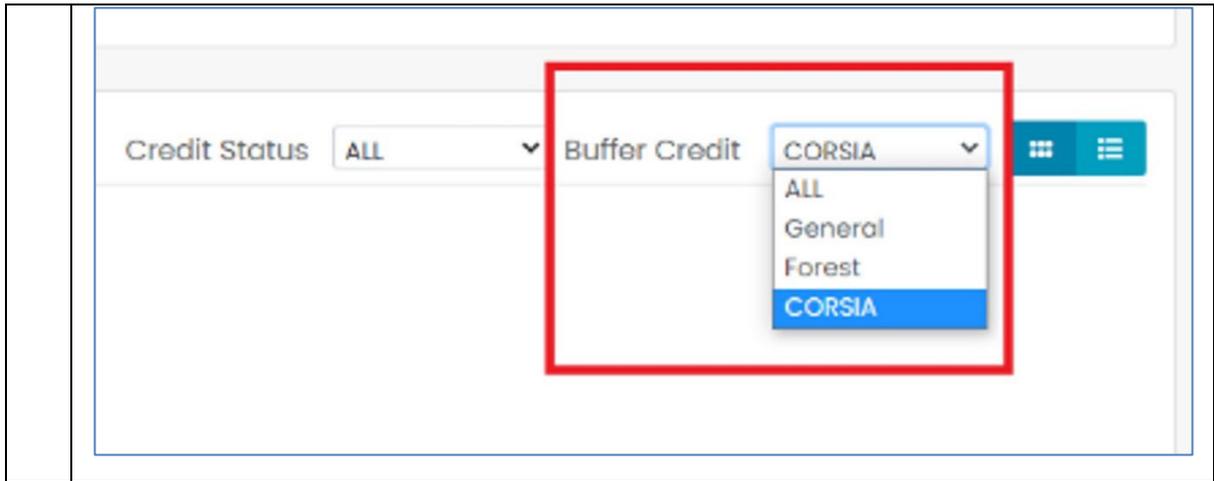
The labelling function for CORSIA eligible emissions units in KCS has been developed by its registry system named Centro at <http://kcs.centero.kr> as demonstration shown below. (Image 7-3-1 as below)



On the above image, you may recognize the label of CORSIA eligible and options to select it. (Image 7-3-2 as below)



(Image 7-3-3 as below)



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? YES

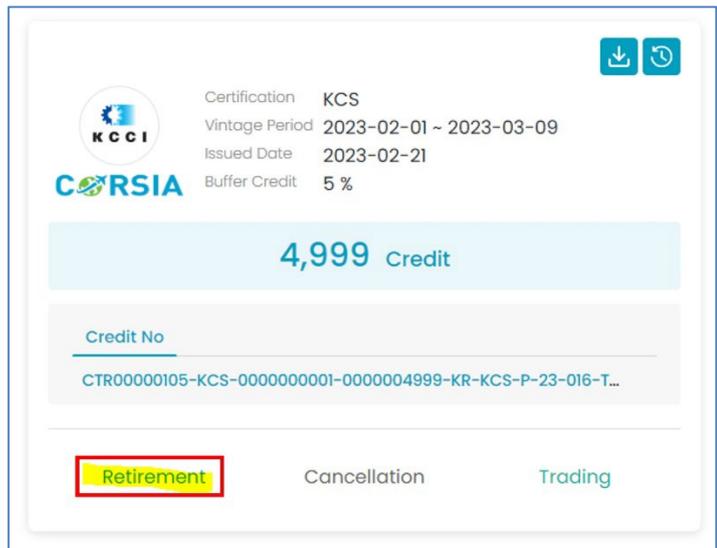
Describe how the Registry does or will implement these provisions:

KCS complies with CORSIA requirements, such as the compliance cycle, and will take necessary measures, such as cancelling emission units, if necessary, at the request of the account holder or designee.

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 *Emissions Unit Programme Registry Attestation*.

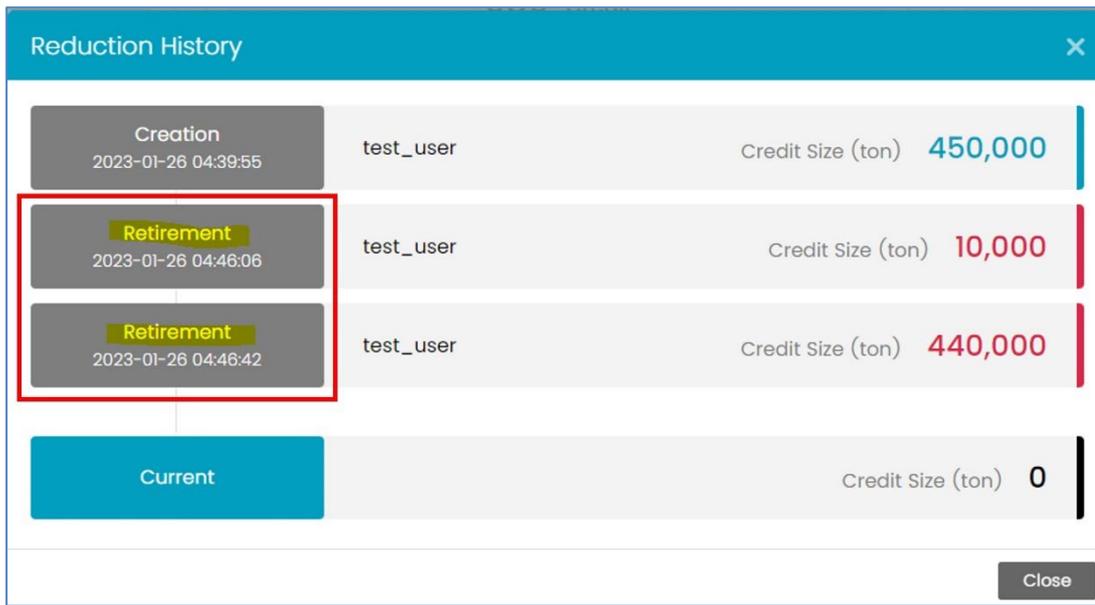
The function for participant’s cancellation of emissions units to reconcile offsetting requirements has been developed by its registry system named Centro at <http://kcs.centero.kr> as demonstration shown below.
(Image 7-4-1 as below)

7.4



In addition, all the records of credit amount, date, and time that have been retired are stored on the server in real time and each account holder can figure out its history as demonstration

shown below.
(Image 7-4-2 as below)



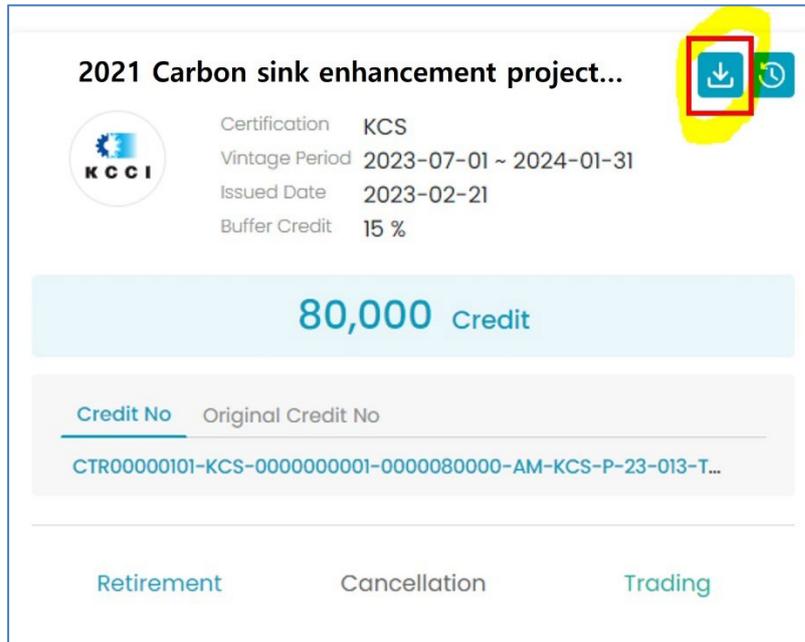
7.5	a. Will the Programme Registry, within 1 – 3 business days of receipt of formal instruction from a duly authorized representative of the owner of an account capable of holding and cancelling CORSIA Eligible Emission Units within the registry, and barring system downtime that is scheduled in advance 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>a) The KCS’ system of Centero is a registry that can be updated in real time, and when the account holder or the representative executes a cancellation, the credit is immediately retired, and the record is left on the server.</p> <p>b) All the cancellation information of CORSIA Eligible Units would be posted on the website for noticing if it is necessary.</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> .	
The above can be conducted by Centero system at http://kcs.centero.kr		

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:	
	KCS provides the information upon request of the CORSIA participant account holder or participant’s designee on its website Centero at http://kcs.centero.kr . In detail, after signing in	

the system, the certificate form with CORSIA Eligible Unit that has been approved and issued can be generated whenever necessary, through the download button to click on each record.

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 *Emissions Unit Programme Registry Attestation*.

The function of generating the reports has been developed by its registry system named Centro at <http://kcs.centero.kr> as demonstration shown below.
(Image 7-6-1 as below)



After clicking on the download button, all the project information, required by Annex 16, Volume IV, and ETM, Volume IV, including the start and end dates of monitoring, are marked in the form of a serial number, and the information is stored on the server as a form of blockchain, as demonstration shown below.
(Image 7-6-2 as below)



	In addition to this, detailed information on each project is provided respectably. The above can be conducted by Centero system at http://kcs.centero.kr
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7.7	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?	<input checked="" type="checkbox"/> YES
	b. Does the Programme Registry disclose documentation of such practices (row a) upon request?	<input checked="" type="checkbox"/> YES
	c. Does the Programme Registry utilize appropriate method(s) to authenticate the identity of each user accessing an account?	<input checked="" type="checkbox"/> YES
	d. Does the Programme Registry grant each user access only to the information and functions that a user is entitled to?	<input checked="" type="checkbox"/> 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?	<input checked="" type="checkbox"/> YES
	f. Do such security features (rows a – e) meet and undergo periodic updates in accordance with industry best practice?	<input checked="" type="checkbox"/> YES
	Describe how the Registry implements each provision in rows a – f:	
	<p>a) The Centero system of KCS program, which stores registries, is operated by security experts with many years of experience. The security experts on this system regularly inspect system vulnerabilities, and when vulnerabilities are discovered, security plans for vulnerabilities and checks are conducted.</p> <p>b) The document of Centero Service Terms and Conditions, which describes basic principles for operating is open to the public on Centero site at http://kcs.centero.kr and other documents might be disclosed if it is necessary.</p> <p>c) Centero creates and grants accounts for corporations and individuals, and in each case, the user's identity is authenticated by general and appropriate ways such as business registration certificate issued by the government or minimized personal information.</p> <p>d) The system of Centero provides only necessary information and functions suitable for users and does not collect or store unnecessary personal information. Also, the Centero system defines several types of accounts for a Project Developer, VVB, and provides Certification Program according to the type of user, so that the accessible areas are divided according to each account type.</p> <p>e) In case the account user initiates the event of transaction, the Centero system collects and identifies the user's identity and those transaction information at the payment stage, as well as account registration stage in proper ways, operating with its security program.</p> <p>f) All the procedures such as registry registration, transactions are managed and recorded by Centero system that can sufficiently check the user's intention, and these practices are periodically checked and improved through regular system monitoring and feedback.</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> .		

Regarding the answer c), the Centero system requires minimized personal information as demonstration shown below.
(Image 7-7-1 as below)

[Required] Consent to collection and use of personal information Download

The Company requires your consent to provide the Centero Services. The Company shall collect the minimum amount of personal information necessary for the provision of the service, actively protect the personal information of customers, and shall not use the collected personal information for any purpose other than the following purposes.

Items to be collected	ID, password, full name, affiliation (company), company email, company phone number, work address
Purpose of Use	Identification of users, communication to notify of business processing results, processing requirements for the use of the system, analysis of the use of the system, prevention of illegal and fraudulent use

Agree

Cancel
Next

The above can be conducted by Centero system at <http://kcs.centero.kr>

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:	
	<p>a) All registries are stored on Centero system, which always maintains the highest security through vulnerability inspections by experts, but in the event of data security or integrity violation, system improvement measures would be given to prevent damage and notify the relevant CORSIA participant account holder or their designee.</p> <p>b) In addition to the above, ICAO Secretariat will be notified in case of any breach of Programme Registry data security or integrity.</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> .	
The above can be conducted by Centero system at http://kcs.centero.kr		

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:	
	<p>KCS is aware of that some projects have the possibility of reversal and will deal with reversal issue according to KCS Reversal Risk Analysis and Buffer Account Operation Guideline. Please refer to the Guideline 4-2. Reversal Risk Analysis and Buffer Operation Criteria > 1 > C.</p> <p>[Guideline 4-2] Reversal Risk Analysis and Buffer Operation Criteria 1. Buffer Amount Calculation and Buffer Operation Criteria C. Obligation to Notify Reversal</p> <p>A Project proponent must notify KCCI Center for Carbon Reduction Certification <u>immediately</u> upon learning of an unintentional or intentional reversal or decision to terminate the Project early. Such notice shall include the amount of the offset affected by the reversal (“Expected Loss Offset”), a description of how the expected loss offset was determined, a description of the nature and cause of the reversal, and all other relevant facts. Project proponents must promptly and completely implement any request from KCCI Center for Carbon Reduction Certification for additional information or analysis related to reversal, including the burden of costs. The Project proponents must report the the actual offset amount lost due to the reversal verified by the 3rd party auditor and the results of reconducting ‘2. Project Implementation Risk Analysis’ in this document, at its own expense, to KCCI Center for Carbon Reduction Certification <u>within 6 months after the reversal occurs</u> (“confirmed loss offset amount”).</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> .	
	The above information can be confirmed by the standard posted on Centero system at http://kcs.centero.kr	

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 type="checkbox"/> YES
	Describe how the Registry implements each provision in rows a – d:	
<p>a) All registry information is provided through an online-based website in a way that maximizes user convenience.</p> <p>b) All cancellation information is available without extra payment.</p>		

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.

- c) The Centero site provide all cancellation information regarding credits on user’s own page named My page, after signing in.
- d) Even though KCS doesn’t have a function to download into excel format yet, when users cancel theirs’ own credit, the credit will be dimmed or turned into gray-colored card and visually check out on the website.

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 *Emissions Unit Programme Registry Attestation*.

Regarding the answer d), the system presents a status information, including the cancellation on the website as demonstration shown below.
(Image 7-10-1 as below)

Credit No	Certification	Deposit	Project	Vintage Period	Credit Size (ton)	Type	Emission	Certification Document	Reduction History
CTR0000010-KCS-O...	KCS	General 15 %	[태오] 아스팔트 혼...	2023-07-01 - 2024-01-31	2,500	My Credits	Retirement, On Sale, Sold Out, Cancellation	Download	Show
CTR0000010-KCS-O...	KCS	General 15 %	[태오] 아스팔트 혼...	2023-07-01 - 2024-01-31	80,000	My Credits	Retirement, On Sale, Sold Out, Cancellation	Download	Show
CTR00000099-KCS-...	KCS	General 15 %	[태오] 아스팔트 혼...	2023-03-01 - 2023-06-30	41,500	Retirement			Show
CTR00000099-KCS-...	KCS	General 15 %	[태오] 아스팔트 혼...	2023-03-01 - 2023-06-30	1,000	Retirement			Show
CTR0000010-KCS-O...	KCS	General 15 %	[태오] 아스팔트 혼...	2023-07-01 - 2024-01-31	2,500	Sold Out			Show
CTR0000010-KCS-O...	KCS	General 15 %	[태오] 아스팔트 혼...	2023-07-01 - 2024-01-31	5,000	Sold Out			Show
CTR00000061-KCS-...	KCS	General 10 %	[태오] 아스팔트 혼...	2023-02-01 - 2023-02-28	385,000	My Credits	Retirement, Cancellation	Download	Show
CTR00000061-KCS-...	KCS	General 10 %	[태오] 아스팔트 혼...	2023-02-01 - 2023-02-28	989	Retirement			Show
CTR00000061-KCS-...	KCS	General 10 %	[태오] 아스팔트 혼...	2023-02-01 - 2023-02-28	4	Retirement			Show
CTR00000061-KCS-...	KCS	General 10 %	[태오] 아스팔트 혼...	2023-02-01 - 2023-02-28	1,000	Retirement			Show

The above can be conducted by Centero system at <http://kcs.centero.kr>

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?	☒ 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?	☒ YES
	Describe how the Registry does or will implement each provision in rows a and b:	
	<ul style="list-style-type: none"> a) As required by CORSIA, KCS’ all processes of CORSIA-Eligible credits and cancellations on an ongoing basis will be stored at least 3 years through the Centero site, and the site is maintained through strict security policy and simulation such as mock hacking tests. b) In addition, in the event of dissolution of the KCS program, Korea Chamber of Commerce and Industry will keep the data continuously for continuous operation. 	
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> .
	The above can be conducted by Centero system at http://kcs.centero.kr