

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

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

(Version 1, February 2023)

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SECTION I: ABOUT THE ASSESSMENT OF RE-APPLICATIONS

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. The results of 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 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). Any programme that submitted its application(s) in previous assessment cycles and would like to re-apply for TAB assessment must fill out this Re-application form.

The assessment process involves collecting information from each programme through this programme Re-application form and supplementary materials and requested evidence. In undertaking this work, TAB may also ask programmes to provide specific examples or case studies illustrating how programme procedures or systems perform in practice. Through this assessment, the TAB will develop recommendations on the list of eligible emissions unit programmes (and potentially activity types and unit dates) for use under the CORSIA first phase, which will then be considered by the ICAO Council.

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

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>

provided to inform programmes' completion of this Re-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 re-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 Re-application form, “*Emissions Unit Programme Registry Attestation*” in line with the instructions contained that Appendix. 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 Re-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: As was done previously, 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 Re-application form, and any supporting evidence or clarification provided by the programme including information designated as “business confidential” by the programme, 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 any loss or damages that the applicant may incur in relation to the assessment and outcome of this process.

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)”)

SECTION II: INSTRUCTIONS

Submission and contacts

A programme is invited to complete and submit the Re-application 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 align with the questions included in the application for TAB's annual assessment, and are derived from the CORSIA emissions unit eligibility criteria (EUC) and any *Guidelines for Criteria Interpretation*. 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”](#).

Re-application Form completion

Any programme that submitted its application(s) in previous assessment cycles and would like to apply in 2023 for TAB assessment must fill out this Re-application form. (Programmes that have never applied for TAB assessment are invited to instead use the Application form, which is designed for first-time applicants.) The programme is expected to respond to all questions in this application form at the time of application submission. TAB cannot initiate its assessment 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 assessment process.

A “complete” response involves three components: 1) a written summary response, 2) supporting evidence, 3) planned programme revisions, and 4) updates and changes to programme procedures since the previous application/approval.

- 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) **Planned 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).

4) **Updates and changes to programme procedures since the previous application/approval**: Each question in this form provides discrete fields for the programme to include, and clearly distinguish between, two key pieces of information:

(1) the information provided by the programme in its previous application—which includes all written clarifications and explanations shared with TAB over the course of the programme’s previous assessment;

and

(2) new information describing any and all procedural changes and updates that programmes introduced ***between the dates of (a) their previous application or approval by ICAO Council and (b) 24 March 2023.*** Here, Programmes are requested to summarize and provide evidence of any and all changes, including those that were previously submitted for TAB’s review as potential material changes.

Scope of re-application

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.

For programmes already eligible to supply emission units for the pilot phase, the programme may elect to revise the scope of activities supported by the programme and assessed by TAB, as compared to its current scope of eligibility. In such a case, the programme is requested to clearly identify, in the following Appendices, the additional 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 were included in the previous application and were previously assessed by TAB and if applicable, **currently eligible under the Scope of Eligibility**⁷, **and additional elements that the programme is submitting for TAB's assessment**; 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 that were excluded from TAB's previous assessments or are **currently outside of programme's Scope of Eligibility, and additional elements that the programme wishes to exclude from TAB's assessment**; as well as the specific methodologies, protocols, and/or framework(s) associated with these programme elements.

In **Appendix D** "*Emissions Unit Programme Registry Attestation*", the programme should complete and submit the information outlined in the instructions below, based on the status of its *Registry Attestation*:

1. Programme **has not** previously completed and submitted a *Registry Attestation*: Refer to the instructions for completing the attached *Emissions Unit Programme Registry Attestation*, including the signature page and accompanying information form (Appendix D). Provide the completed materials along with this application form.
2. Programme **has** previously completed and submitted a *Registry Attestation*: Respond only to Question 7.3 in the *Emissions Unit Programme Registry Attestation* form (Appendix D). ICAO will append this response to the programme's most recent *Registry Attestation* on file.
 - NOTE: These Programmes **are not** required to re-submit the *Registry Attestation*'s signature page or any other information in Questions 7.1, 7.2, 7.4–7.11 of Appendix D, but may use this opportunity to inform ICAO of any needed updates.

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

⁷ As defined in the latest ICAO Document "*CORSIA-Eligible Emissions Units*", available via <https://www.icao.int/environmental-protection/CORSIA/Pages/CORSIA-Emissions-Units.aspx>

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 methodologies⁸. **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, 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 emissions unit criteria (EUC), through the ICAO CORSIA website, for consideration by the TAB in its assessment.

⁸ Note that any applicant may use different terminology. For example, a programme may refer to a “methodology” as a protocol or framework.

SECTION III: RE-APPLICATION FORM

PART 1: General information

A. Programme Information

Programme name: Premium Thailand Voluntary Emission Reduction Program (Premium T-VER)

Administering Organization⁹: Thailand Greenhouse Gas Management Organization (Public Organization) (TGO)

Official mailing address: 120 Rattaprasasanabhakti Building, 9th Floor, The Government Complex
Commemorating His Majesty, Chaeng Wattana Road, Laksi, Bangkok 10210 Thailand

Telephone #: +66 (0) 2141 9841 to 50

Official web address: <https://ghgreduction.tgo.or.th/en/premium-t-ver.html>

B. Programme Administrator Information

Full name and title: Ms. Puttipar Rotkittikhun, Director of Carbon Credit Certification Office

Employer / Company (if not programme): TGO

E-mail address: r_puttipar@tgo.or.th

Telephone #: +66 (0) 2141 9850

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

Full name and title: Mr. Kiatchai Maitriwong, Executive Director of TGO

Employer / Company (if not Programme): TGO

E-mail address: kiatchai@tgo.or.th; cc. legal@tgo.or.th Telephone #: +66 (0) 2141 9805

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:

The Board of Directors of TGO has duties and authorities to approve applications and requests under the T-VER program based on recommendations from the Subcommittee on Consideration of GHG Mitigation Projects and Activities. The members of the Board of Directors of TGO consist of heads of relevant agencies under the

⁹ Name of the business, government agency, organization, or other entity that administers the Emissions Unit Programme, if different from "Programme Name".

Ministry of Natural Resources and Environment, Ministry of Energy, and Ministry of Transport, as well as designated honorary directors, as follows:

- 1) Mr. Wijarn Simachaya, Chairman of the Board of Directors of TGO (Former Permanent Secretary of Ministry of Natural Resources and Environment)
- 2) Mr. Jatuporn Buruspat, Permanent Secretary of Ministry of Natural Resources and Environment; member of the Board of Directors of TGO
- 3) Mr. Phirun Saiyasitpanich, Secretary General, Office of Natural Resources and Environment Policy and Planning, Ministry of Natural Resources and Environment; member of the Board of Directors of TGO
- 4) Mr. Prasert Sinsukprasert, Director General of the Department of Alternative Energy Development and Efficiency, Ministry of Energy; member of the Board of Directors of TGO
- 5) Mr. Punya Chupanit, Director General of the Office of Transport and Traffic Policy and Planning, Ministry of Transport; member of the Board of Directors of TGO
- 6) Mr. Kiatchai Maitriwong, Executive Director of TGO; Executive Secretary of the Board of Directors of TGO
- 7) Mr. Somchai Rungsriphananon, Honorary director on business administration; member of the Board of Directors of TGO
- 8) Mr. Smith Banomyong, Honorary director on energy; member of the Board of Directors of TGO
- 9) Assoc. Prof. Dr. Sutha Khaodhiar, Honorary director on science and technology; member of the Board of Directors of TGO
- 10) Asst. Prof. Dr. Khwanchai Duangsathaporn, Honorary director on forestry; member of the Board of Directors of TGO
- 11) Mr. Somchai Wangwattanapanich, Honorary director on industry; member of the Board of Directors of TGO

Source: <http://www.tgo.or.th/2020/index.php/en/page/board-of-directors>

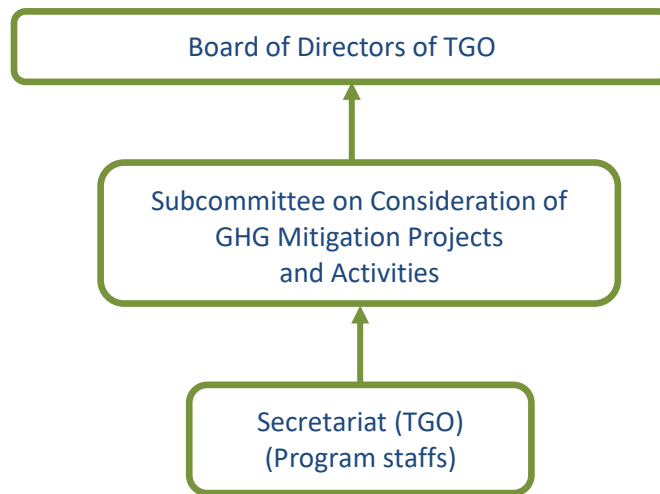
The members of the Subcommittee on Consideration of GHG Mitigation Projects and Activities consist of the representatives of relevant agencies and experts, academics from educational institutions, and non-governmental organizations as listed below.

- 1) Mr. Wijarn Simachaya, Chairman of the subcommittee (Former Permanent Secretary of Ministry of Natural Resources and Environment)
- 2) Mr. Kiatchai Maitriwong, Executive Director of TGO; Vice-chairman of the subcommittee
- 3) Representative of the Department of Alternative Energy Development and Efficiency, Ministry of Energy; member of the subcommittee
- 4) Representative of the Department of Industrial Works, Ministry of Industry; member of the subcommittee
- 5) Representative of the Pollution Control Department, Ministry of Natural Resources and Environment; member of the subcommittee
- 6) Representative of the Office of Natural Resources and Environment Policy and Planning, Ministry of Natural Resources and Environment; member of the subcommittee
- 7) Representative of the Office of Transport and Traffic Policy and Planning, Ministry of Transport; member of the subcommittee
- 8) Representative of the Joint Committee of Private Sector; member of the subcommittee
- 9) Representative of the Thai Industrial Standards Institute (TISI), Ministry of Industry; member of the

subcommittee

- 10) Assoc. Prof. Dr. Ladawan Puangchit, Expert on forestry; member of the subcommittee
- 11) Mr. Amnuay Thongsathitya, Expert on energy; member of the subcommittee
- 12) Assoc. Prof. Wongkot Wongsapai, Expert on energy; member of the subcommittee
- 13) Assoc. Prof. Dr. Witsanu Attavanich, Expert on economics; member of the subcommittee

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.



TGO staffs are responsible as program staffs and as the secretariat of the Subcommittee on Consideration of GHG Mitigation Projects and Activities. The subcommittee make recommendations on all requests that will be proposed to the Board of Directors of TGO for approval.

The full contents of the implementation framework and tasks of the subcommittee can be found in Guideline for Premium Thailand Voluntary Emission Program, page 19, Section 4. The guideline can be downloaded and is publicly available at this weblink:

<https://ghgreduction.tgo.or.th/en/about-premium-t-ver/about-premium-t-ver-project.html>

The full contents and name list of the Board of Directors of TGO and the subcommittee can also be found at this weblink:

<https://ghgreduction.tgo.or.th/en/about-premium-t-ver/project-administrative-structure.html>

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*¹⁰ 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*)

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

TGO has developed 38 T-VER methodologies categorized into 6 sectors as the detail in Table 3.1-1.

Table 3.1-1: Number of T-VER methodology

Sector	Number of T-VER methodology
Alternative energy	7
Energy efficiency	15
Waste management	9
Forestry	3
Agriculture	2
Other	2
Total	38

¹⁰ 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*”.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

TGO improved the T-VER standard in response to TAB recommendations and take into account the guidance of Article 6.2 of the Paris Agreement as well as the rules, modalities and procedures of Article 6.4 of the Paris Agreement. The improved T-VER standard called “Premium T-VER” was approved by the Board of Directors of TGO on January 9, 2023. Consequently, at present there are 2 T-VER standards, with the previous standard having been renamed to “Standard T-VER”. For this re-application, only Premium T-VER program is resubmitted for consideration by the TAB. There are 12 approved methodologies for Premium T-VER program which can be categorized into 5 sectors as listed in Table 3.1-2. The approved methodology that is excluded from this re-application is T-VER-METH-13-03 “Reducing Emissions from Deforestation and Forest Degradation and Enhancing Carbon Sequestration in Forest”.

Table 3.1-2 Number of Premium T-VER methodologies by sector

Sector	Number of Premium T-VER methodology
Renewable energy or energy that substitutes fossil fuels	3
Use of electric vehicles	1
Waste management	1
Industrial wastewater management	1
Reduction, absorption and removal of greenhouse gases from forestry and the agricultural sector	6
Total	12

All methodologies can be downloaded and are publicly available at this weblink:

<https://ghgreduction.tgo.or.th/en/premium-t-ver.html>

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

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and questions pertaining to this question:

Information contained in the original application are as follows:

In the T-VER program, TGO as secretary of the T-VER program has the responsibility to develop most T-VER methodologies. The details of the T-VER methodology such as project conditions, applicability, project scope, and calculation of baseline, project and leakage emission are taken into account based on CDM methodologies and IPCC’s guidelines. The draft T-VER methodologies developed by TGO will be presented to the focus group meeting consisting of experts and stakeholders in order to discuss and to receive comments and suggestions. The draft methodologies will then be revised and presented to the Subcommittee on Consideration of GHG Mitigation Projects and Activities for recommendation and presented to the Board of Directors for approval. The subcommittee is comprised of the former permanent secretary of the Ministry of Natural Resources and Environment as chairman, representatives of the relevant agencies such as Office of Natural Resources and Environmental Policy and Planning (ONEP), Pollution Control Department (PCD), Royal Forest Department (RFD),

Department of Alternative Energy Development and Efficiency (DEDE), Department of Industrial Works (DIW), etc. as subcommittees, with TGO as secretary. The approved methodologies will be published on the T-VER website.

In addition, TGO requires the project participant to propose the T-VER methodology to TGO as specified in the following steps below;

1) The project participant prepares draft T-VER methodology according to the format specified by TGO.

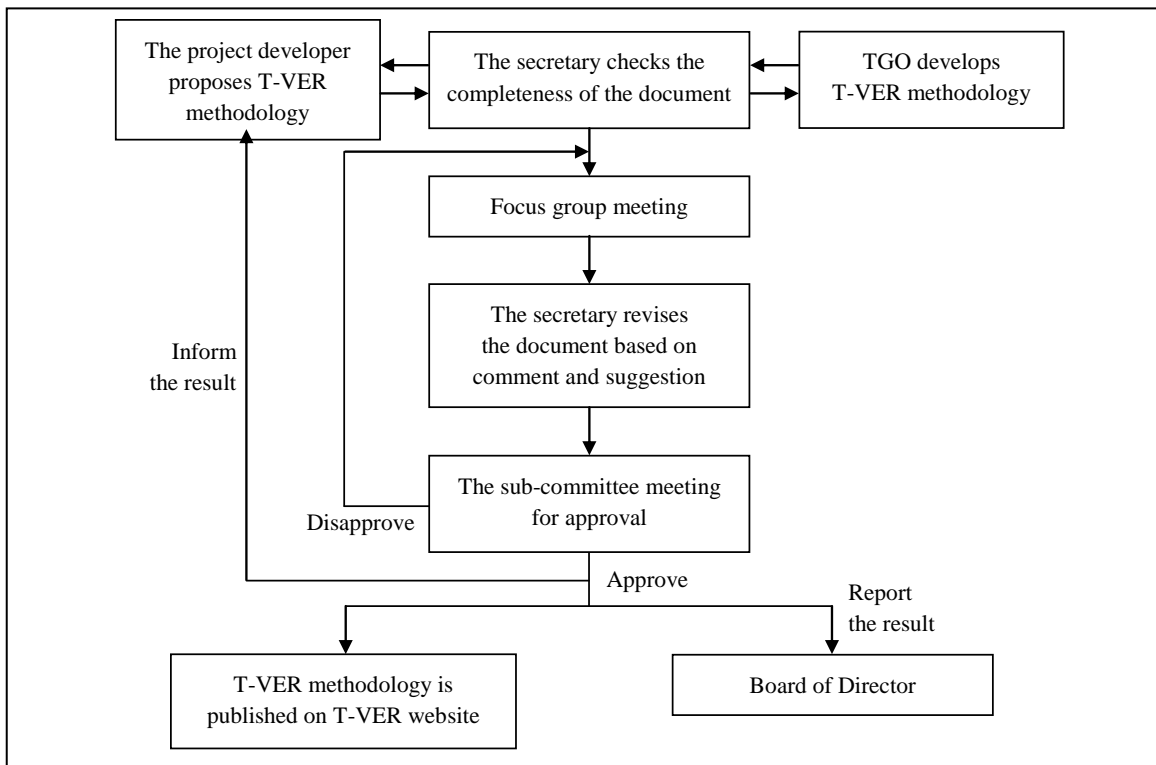
2) The project participant can submit the draft T-VER methodology via 2 channels. Electronic files submission by e-mail to Mr. Jakgrapong Yamyim (jakgrapong@tgo.or.th) or submission by post including 1 copy of documents and 1 CD to TGO. The project participant has to provide contact address, phone number, and e-mail address.

3) The T-VER program secretary checks the completeness of the documents within 10 working days. If the documents are found incomplete, the secretary will inform the project participant to revise the documents.

4) The focus group meeting will be organized to discuss on the draft T-VER methodology. The secretary will invite the project participant who submits the draft T-VER methodology to answer questions as appropriate.

5) The secretary corrects the draft T-VER methodology according to the comments and the suggestion received. After that, the revised draft T-VER methodology will be presented to subcommittee for consideration. The secretary will inform the results of the consideration to the project participant. The approved methodology will be published on T-VER website.

Provide *evidence of the public availability* of a) the Program’s current processes for developing methodologies and protocols and b) the methodologies / protocols themselves: (*Paragraph 2.1*)



B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (if none, “N/A”):

The process for developing new methodologies is revised from the original application as follows:

Differences between the process for developing new methodology between the Standard T-VER and Premium T-VER are listed in the Table 3.1-1:

Table 3.1-1: Difference between the process for developing new methodology between the Standard T-VER and the Premium T-VER program

Standard T-VER	Premium T-VER
<p><u>Procedures:</u></p> <ol style="list-style-type: none"> 1) Project participant prepares draft Standard T-VER methodology according to the format specified by TGO 2) Project participant submits the draft Standard T-VER methodology 3) T-VER program secretary checks the completeness of the documents within 10 working days. If the documents are found incomplete, the secretary will inform the project participant to revise the documents 4) The focus group meeting will be organized to discuss on the draft methodology 5) The secretary corrects the draft methodology according to the comments and suggestions received. 	<p><u>Procedures:</u></p> <ol style="list-style-type: none"> 1) Project participant prepares draft Premium T-VER methodology according to the format specified by TGO 2) Project participant submits the draft T-VER methodology 3) T-VER program secretary checks the completeness of the documents within 10 working days. If the documents are found incomplete, the secretary will inform the project developer to revise the documents 4) The proposed methodology shall be reviewed by external experts; meanwhile, TGO makes the proposed methodology publicly available for public comments through the website. 5) The secretary corrects the draft methodology according to the comments and suggestions received.

There is no exact timing for the revision of approved methodology. It needs to be revised in response to the changing circumstances or reasonable comments received from project participants and Validation and Verification Bodies (VVBs) or other relevant agencies and presented to the subcommittee for approval. The process for revision of approved methodology differs depending on whether the revision is minor or major.

- In case of minor revision such as in description, default value (e.g., new official announcement), TGO shall prepare the revision and propose to the subcommittee for approval.
- In case of major revision, the revised methodology shall be reviewed by external experts; meanwhile, TGO shall make the proposed methodology publicly available for public comments through the website.

The submission can be done via 2 channels.

- 1) Submit electronic files by e-mail to the address as specified in “Guideline for Premium Thailand Voluntary Emission Program”, page 41, Section 13

- 2) Send postal mail to TGO including 1 copy of documents and a storage device to TGO. The entity has to provide contact address, phone number, and e-mail address.

Provide *evidence of the public availability* of the programme’s process for developing further methodologies and protocols. (*Paragraph 2.1*)

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

Process for developing further T-VER methodologies is published on TGO’s website. Project participants can submit their draft T-VER methodologies to TGO using the format specified by TGO. The submission can be done via 2 channels. Electronic files submission by e-mail to Mr. Jakgrapong Yamyim (jakgrapong@tgo.or.th) or submission by post including 1 copy of document and 1 CD to TGO. The project participant has to provide contact address, phone number, and e-mail address.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

The full contents of process for developing new methodology are specified in Guideline for Premium Thailand Voluntary Emission Program, page 21, Section 5. The guideline can be downloaded and is publicly available at this weblink: <https://ghgreduction.tgo.or.th/en/about-premium-t-ver/about-premium-t-ver-project.html>

The process for developing new methodology can also be found at this weblink:

<https://ghgreduction.tgo.or.th/en/premium-t-ver-methodology/procedure-for-development-of-methodology.html>

Other entities can submit their draft Premium T-VER methodologies to TGO using the format specified by TGO. The form can be downloaded and is publicly available at this weblink:

<https://ghgreduction.tgo.or.th/en/premium-t-ver-download/172-premium-t-ver-download-form.html>

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*)

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

Details of program scope (Standard T-VER) were described in the Excel file and can be summarized as follows:

1. The implementation level is a project-level only.
2. Project activities with 34 applicable methodologies included in the original application comprise of:
 - energy efficiency (15 methodologies)
 - alternative energy (7 methodologies)
 - waste management (9 methodologies)

- other types (2 methodologies)
 - agriculture (1 methodology)
3. Approved methodologies that were excluded including
- Forestry (3 methodologies)
 - Agriculture (1 methodology)

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

For this re-application, the program scope of Premium T-VER is described in the Excel file and can be summarized as follows:

1. The implementation level is a project-level only. Project participants can develop their activity as a single or bundled project or as a Program of Activities (PoA).
2. Under Premium T-VER, there are 12 methodologies comprised of:
 - Renewable energy or energy that substitutes fossil fuels (3 methodologies)
 - Use of electric vehicles (1 methodology)
 - Waste management (1 methodology)
 - Industrial wastewater management (1 methodology)
 - Reduction, absorption and removal of greenhouse gases from forestry and the agricultural sector (6 methodologies)

But only 11 methodologies are included for this re-application. T-VER-METH-13-03 “Reducing Emissions from Deforestation and Forest Degradation and Enhancing Carbon Sequestration in Forest” is excluded.

The full contents of the project definition and characteristics are listed in “Guideline for Premium Thailand Voluntary Emission Program”, page 7-8, Section 2 and page 13-15, Section 3. The guideline can be downloaded and is publicly available at this weblink:

<https://ghgreduction.tgo.or.th/en/about-premium-t-ver/about-premium-t-ver-project.html>

All methodologies can be downloaded and are publicly available at this weblink:

<https://ghgreduction.tgo.or.th/en/premium-t-ver.html>

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

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

Eligibility criteria were not specified in the original application. There are 5 sectors included in the application including; energy efficiency, alternative energy, waste management, agriculture and other.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

Any activity that intends to be developed as a Premium T-VER project shall be an activity that is situated in Thailand and can measure real, permanent, and additional greenhouse gas reduction without double counting. Such activity shall contribute to sustainable development, and have a measure in place to prevent negative impacts (safeguards) and not cause negative impacts (do-no-net harm) according to “Guideline for Premium Thailand Voluntary Emission Reduction Program”

Specific eligibility criteria is specified in the applied methodology. The project types of Premium T-VER are different from the Standard T-VER in order to align with the “Carbon Credit Management Guideline and Mechanism” approved by the National Committee on Climate Change Policy on 16 March 2022 and acknowledged by the Cabinet on 10 May 2022. The guideline governs the use of carbon credits for an international objective. The project types of Premium T-VER are as follows:

1. Renewable energy or fossil replacement
2. Improvement of the efficiency of electricity and heat generation
3. Use of public transportation system
4. Use of electric vehicle
5. Improvement of the efficiency of engine
6. Improvement of the efficiency of energy consumption in building and factory, and in household
7. Use of natural refrigerant
8. Use of clinker substitute
9. Solid waste management
10. Domestic wastewater management
11. Methane recovery and utilization
12. Industrial wastewater management
13. Reduction, absorption and removal of greenhouse gases from the forestry and agriculture sectors
14. Capture, storage, and/or utilization of greenhouse gas
15. Other project specified by the Board of Directors of TGO

The full contents of eligibility criteria are listed in Guideline for Premium Thailand Voluntary Emission Program”, page 13-18, Section 3. The guideline can be downloaded and is publicly available at this weblink:

<https://ghgreduction.tgo.or.th/en/about-premium-t-ver/about-premium-t-ver-project.html>

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. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

The implementation level of (standard) T-VER is specified in the “Guideline for T-VER Project Registration and Credit Issuance (T-VER GG)”. Only a project-level (single, bundled, program of activities (PoA) can be registered under T-VER program.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A”

that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

The implementation level and modality of Premium T-VER is same as the Standard T-VER which is a project-level. Details are specified in the “Guideline for Premium Thailand Voluntary Emission Reduction Program” and “Regulation of the Board of Directors of Thailand Greenhouse Gas Management Organization re: rules, procedures, and conditions for considering Thailand Voluntary Emission Reduction (T-VER) projects, B.E. 2566 (2023)”. Only a project-level (single, bundled, program of activities (PoA)) can be registered under Premium T-VER program.

The full contents of the project definition and characteristics are listed in Guideline for Premium Thailand Voluntary Emission Program”, page 7-8, Section 2 and page 13-15, Section 3. The guideline can be downloaded and is publicly available at this weblink: <https://ghgreduction.tgo.or.th/en/about-premium-t-ver/about-premium-t-ver-project.html>

Details can also be found in page 2-3 of the regulation which can be found at this weblink: <https://ghgreduction.tgo.or.th/en/rules/rules-for-project-registration-and-carbon-credit-issuance.html>

Question 3.3. Offset credit issuance and retirement procedures

Are procedures in place defining how offset credits are... (<i>Paragraph 2.3</i>)	
a) issued?	<input checked="" type="checkbox"/> YES
b) retired / cancelled?	<input checked="" type="checkbox"/> YES
c) subject to discounting (<i>if any</i>)?	<input type="checkbox"/> YES

Are procedures in place defining... (<i>Paragraph 2.3</i>)	
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. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

The Guideline for T-VER Project Registration and Credit Issuance (T-VER GG) specifies the procedure of project registration, opening of T-VER credit account, credit issuance and credit cancellation. The process for project registration and issuance is same as CDM with an exception for the change of CDM EB to the Board of Directors of TGO. After the projects are registered, project participants have to submit their requests and documents to open T-VER credit accounts and TGO will send them necessary information for logging into T-VER registry system. The registry system has a cancellation account which any credits transferred to this account can no longer be transferred to any accounts (irreversible transfer). At present, the cancellation account is used for cancellation credits for 2 major purposes. The first purpose is for the use in carbon offsetting in Thailand. And the second purpose is for receiving subsidy from foreign buyers who want to voluntarily cancel the credits. Registrar will issue a cancellation notification for each cancellation, thus the buyer of the credits can use as an evidence. However, at present there is no policy concerning to retirement of T-VER credits.

The Guideline for T-VER Project Registration and Credit Issuance (T-VER GG) specifies the crediting period

of T-VER project as 7 years or 10 years for forestry project. Details of crediting period renewal are listed in Table 3.3-1.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

“Guideline for Premium Thailand Voluntary Emission Reduction Program (Premium T-VER)” specifies the procedures of project registration, opening of T-VER credit account, credit issuance, length of crediting period and the renewal of crediting period. Differences between the Premium T-VER and the Standard T-VER are listed in the Table 3.3-1:

Table 3.3-1: Differences between project development procedures of the Premium T-VER and the Standard T-VER

Process	Standard T-VER	Premium T-VER
Registration	<p><u>Procedures:</u></p> <ol style="list-style-type: none"> 1) Project participant prepares PDD and <u>Co-benefit report.</u> 2) Validation & Verification Body validates PDD and prepares validation report. 3) TGO conducts a completeness check and proposes the project to the Subcommittee on Consideration of GHG Mitigation Projects and Activities and to the Board of Directors of TGO for approval. 	<p><u>Procedures:</u></p> <ol style="list-style-type: none"> 1) <u>Project participant submits Modalities & Communications to TGO and conducts local stakeholder consultation.</u> 2) Project participant prepares PDD and <u>SD & Safeguards Assessment Report.</u> 3) Validation & Verification Body validates PDD and prepares validation report. 4) TGO conducts a completeness check and proposes the project to the Subcommittee on Consideration of GHG Mitigation Projects and Activities and to the Board of Directors of TGO for approval. <p>The full contents are listed in</p> <ol style="list-style-type: none"> 1) Guideline for Premium Thailand Voluntary Emission Program”, page 24-27, Section 6.1. The guideline can be downloaded and is publicly available at this weblink: https://ghgreduction.tgo.or.th/en/about-premium-t-ver/about-premium-t-ver-project.html 2) Regulation of the Board of Directors of Thailand Greenhouse Gas Management Organization re: rules, procedures, and conditions for considering Thailand Voluntary Emission Reduction (T-VER) projects, B.E. 2566 (2023), page 9-13, chapter 3. The regulation can be downloaded and is publicly available at this weblink:

Process	Standard T-VER	Premium T-VER		
		https://ghgreduction.tgo.or.th/en/rules/rules-for-project-registration-and-carbon-credit-issuance.html		
Opening of T-VER credit account	<p><u>Procedures:</u></p> <ol style="list-style-type: none"> 1) Project participant submits all required documents to TGO. 2) TGO checks the completeness of documents and open the holding account for the project participant. 	<p><u>Procedures:</u></p> <ol style="list-style-type: none"> 1) Project participant submits all required documents to TGO. 2) TGO checks the completeness of documents and open the holding account for the project participant. <p>The full contents are listed in The Regulation of the Board of Directors of Thailand Greenhouse Gas Management Organization re: rules for registration of purchases, sales, and transfers of carbon credits, B.E. 2565 (2022)", page 4-6, Chapter 1. The regulation can be downloaded and is publicly available at this weblink: https://registry.tgo.or.th/document/</p>		
Credit issuance	<p><u>Procedures:</u></p> <ol style="list-style-type: none"> 1) Project participant prepares Monitoring Report. 2) Validation & Verification Body verifies Monitoring Report and prepares verification report. 3) TGO checks the completeness of documents and proposes the project to the Subcommittee on Consideration of GHG Mitigation Projects and Activities and to the Board of Directors of TGO for approval. 	<p><u>Procedures:</u></p> <ol style="list-style-type: none"> 1) Project participant prepares Monitoring Report, SD & safeguards Monitoring Report and non-permanence risk Monitoring Report (if required). 2) Validation & Verification Body verifies Monitoring Report and Non-permanence Risk Report (if required) and prepares verification report. 3) TGO checks the completeness of documents and proposes the project to the Subcommittee on Consideration of GHG Mitigation Projects and Activities and to the Board of Directors of TGO for approval. <p>The full contents are listed in</p> <ol style="list-style-type: none"> 1) Guideline for Premium Thailand Voluntary Emission Program", page 27-31, Section 6.2. 2) Regulation of the Board of Directors of Thailand Greenhouse Gas Management Organization re: rules, procedures, and conditions for considering Thailand Voluntary Emission Reduction (T-VER) projects, B.E. 2566 (2023), page 9-13, chapter 3. 		
	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">Project type</td> <td style="width: 50%; text-align: center;">Crediting period</td> </tr> </table>	Project type	Crediting period	
Project type	Crediting period			

Process	Standard T-VER			Premium T-VER			
Length of crediting period		No. of years	No. of renewal	Project type	Renewal of crediting period		Duration of the framework (years)
	Alternative energy	7	1		No. of years/time	No. of times	
	Energy efficiency			No. 1-12 and some 13 that only reduce Methane or Nitrous oxide from agriculture	5	2	20
	Waste management						
Renewal of crediting period	Transport management			No. 13-14	15	2	60
	Agriculture	7	unlimited		The full contents are listed in Guideline for Premium Thailand Voluntary Emission Program”, page 16, Section 3 and page 32, Section 9.		
	Afforestation/reforestation	10	unlimited				
	Reducing deforestation						

Procedures for issuing carbon credits in the registry system is as follows:

- 1) Registrar receives notice of approval of carbon credits issuance from the Carbon Credit Certification officer via e-mail/through the API link from the certification platform.
- 2) Registrar verifies the accuracy of information on the following relevant documents.
 - a. Monitoring Report
 - b. Verification Report
 - c. Documents for the meeting of the Board of Directors of TGO
- 3) Registrar creates issuance records on the Thailand Carbon Credit Registry System.
- 4) Thailand Carbon Credit Registry System generates a unique serial number based on the amount of certified carbon credits into the holding accounts.
- 5) Thailand Carbon Credit Registry System notifies the result of credit issuance to the account holder through the system and via E-mail.

The full contents are listed in The Regulation of the Board of Directors of Thailand Greenhouse Gas Management Organization re: rules for registration of purchases, sales, and transfers of carbon credits, B.E. 2565 (2022)”, page 6, Chapter 2.

Procedures for cancellation of carbon credits in the registry system is as follows:

- 1) Account holder requests to cancel carbon credits through the Thailand Carbon Credit Registry System.
- 2) Registrar verifies the accuracy of the information and proceeds to cancel the carbon credits into the Cancellation Account in the Thailand Carbon Credit Registry System.
- 3) Thailand Carbon Credit Registry System records cancellation information.
- 4) Thailand Carbon Credit Registry System notifies the result of cancellation to the account holder through the system and via E-mail.

The full contents are listed in The Regulation of the Board of Directors of Thailand Greenhouse Gas Management Organization re: rules for registration of purchases, sales, and transfers of carbon credits, B.E. 2565 (2022)”, page 6-9, Chapter 3.

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 third party (Paragraph 2.4.2):

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

The website address is <https://registry.tgo.or.th>. The registry system is administered by TGO.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (if none, “N/A”):

TGO staffs are designated to administer the carbon credit registry system in order to ensure management of the registry system and execution of transactions in the registry system in compliance with the Regulation of the Board of Directors of Thailand Greenhouse Gas Management Organization re: rules for registration of purchases, sales, and transfers of carbon credits, B.E. 2565 (2022).

The Order of Thailand Greenhouse Gas Management Organization No. 1 / B.E. 2566 (2023) re: designation of registrars for carbon credit registry system” can be downloaded and is publicly available at this weblink: <https://registry.tgo.or.th/document/>

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 ? (Paragraph 2.4.3)	<input checked="" type="checkbox"/> YES
b) identify, and facilitate tracking and transfer of, unit ownership/holding from issuance to cancellation/retirement? (Paragraphs 2.4 (a) and (d) and 2.4.4)	<input checked="" type="checkbox"/> YES
c) identify unit status, including retirement / cancellation, and issuance status? (Paragraph 2.4.4)	<input checked="" type="checkbox"/> YES
d) assign unique serial numbers to issued units? (Paragraphs 2.4 (b) and 2.4.5)	<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? (Paragraph 2.4.5)	<input checked="" type="checkbox"/> YES
f) are secure (i.e. that robust security provisions are in place)? (Paragraph 2.4 (c))	<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. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

a) Each unit of credit was assigned by a unique serial number. The registry system will identify CORSIA-eligible

units by assigning issued serial number a CORSIA crediting type. TGO’s registry system uses 5 fields to represent the properties of credit block. The credit blocks are differentiated by using the serial number as “start number” and “end number”. The unit type code is used to identify each type of unit and TGO will add new type code for CORSIA-eligible unit.

The data record of credit block is as shown in the Table below:

Country Code	Unit Type	Original Period	Applicable Period	Project Id	Start Serial	End Serial
TH	TypeCode				1	100

Registry system assigns Scheme ID and Unit type for CORSIA T-VER credits which are different from general T-VER credits as listed in the Table below.

Table: Scheme ID

Scheme ID	Scheme code	Description
10	T-VER	Thai Voluntary Emission Reduction Program
12	JCM	Joint Crediting Mechanism
13	T-VER CORSIA	Thai Voluntary Emission Reduction Program for CORSIA

Table: Unit type

Scheme ID	Unit type ID	Unit type code	Unit	Description
10	21	TVERs	tCO ₂ e	T-VER credit
12	41	JCM	tCO ₂ e	JCM credit
13	51	CORSIA	tCO ₂ e	T-VER CORSIA credit

Only credits issued from new projects that follows specific guidelines will be eligible. For the registered project, revalidation is required in order to check the conformity of each project.

b) The status of the T-VER credits can be tracked and the latest status of the credits is known i.e. after the request for credit issuance of T-VER project (ID No. 10) of Company A was approved. The secretariat informed the registrar to issue 300 T-VER credits to the account of Company A. The registrar issued T-VER credits with unique serial number TH-21-861664-861963-1-1-10 (300 credits) in Company A’s account. Then TH-21-861664-861843-1-1-10 (180 credits) was transferred from Company A’s account to Company B’s account. And then Company B used 100 T-VER credits to offset the company’s carbon footprint. The system then recorded that TH-21-861664-861763-1-1-10 (100 credits) was transferred to the cancellation account. Since any credits transferred to cancellation account can no longer be transferred. So, the registrar issued the cancellation notification for Company B and only TH-21-861764-861843-1-1-10 (80 credits) is still in Company B’s account.

Units can be tracked with the use of the credit management function in the registry program. The common processes of unit tracking are such as track the credits from a particular project and query the credit transactions of each account.

Any transactions in the registry system will be recorded with the transaction type ID i.e. issuance, transfer. Transaction of credit transfer records data including transaction ID, transaction type ID, T-VER credits-transferred account number (seller), T-VER credits-acquired account number (buyer or cancellation account), unique serial number of transferred T-VER credits, as well as date and time of transaction.

Even though, the data structure of the registry system records each batch of issued credits as one record, however, tracking the account in which the unique serial number is held in can be done by using simple query and the net transfer can be accounted periodically.

c) T-VER does not have any policies and procedures for retirement, however, we have a retirement account in T-VER registry but it is currently not in use. This is because, at present, the purpose of use of (the credit) is only for domestic offsetting and T-VER credits which have been offsetted are transferred to the cancellation account. However, if T-VERs are used for compliance with emission target. If needed, the policies and procedures for retirement can be set up and a new set of rules can be added to T-VER registry.

d) Each T-VER credit is identified by a unique serial number based on Data Exchange Standard (DES UNFCCC). A T-VER unit is identified in serialization with unique country code (Thailand = TH), unit type (T-VER = 21), serial number of credits (start-stop), commitment period (1), current commitment period (1) and project ID (i.e. 10) but without sector of origin and vintage year. The sector of origin and vintage year can be retrieved from Table “project details” and “credit details” recorded in the database of the registry system.

For example, the unique serial number of 180 T-VER credits of project number 10 issued in the original commitment period 1 and the current commitment period 1 is TH-21-861664-861843-1-1-10.

e) Currently, information about the registry system has not been publicly disclosed, however the information is summarized and presented to the Board of Directors of TGO regularly.

f) The registry system was developed by Accellence Co., Ltd. which is a leading information technology services provider in Thailand and has a partnership agreement with the largest telecommunication company in Asia “NTT Data Group”. The system was designed in the same way as the Japanese registry system. At present, TGO does not have any contract with Accellence Co., Ltd. for the periodic security audit or evaluation.

CAT Telecom Public Co. Ltd., is the only service provider for the registry system. CAT is the data center provider which provides a secure platform for the server and stable internet connection. CAT does not provide any security checks for the registry system since the server is maintained by TGO. The server has firewall protection in order to prevent unwanted communication access. Annual cyber security auditing and reporting will be done since it is required by the Cyber Security Act 2019. (The Act entries into force on 28 May 2019)

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

Besides Data Exchange Standard (DES UNFCCC), Thailand Carbon Credit Registry System is designed to follow the Article 6.2 Guidance. The Thailand Carbon Credit Registry System records each issuance and transfer of T-VER credits, regardless of the type of accounts that the credits are transferred to i.e. regardless of whether a transfer is made from one holding account to another holding account or from a holding account to a cancellation account.

Unique identifier configuration of units in Thailand Carbon Credit Registry comprises of the code for originating registry and host country, program ID, project ID, batch number, vintage year, authorized use

additional certification code (label) and serial number. The Premium T-VER unit is identified in serialization as follows:

- 1) Originating registry and host country: Identification of the originating registry and the host country (Units issued in the Thailand Carbon Credit Registry System for activities occurred in Thailand = TH1)
- 2) Program ID: The program or cooperative approach ID i.e., VER = General voluntary program
- 3) Project ID: Unique ID of each project i.e., P0001 = Project No. 0001 of Premium T-VER
- 4) Batch number: Identification of the issuance record : 1-999
- 5) Vintage year: Calendar year in which the underlying mitigation occurred : i.e. 2023
- 6) Authorized use: The identification of authorization status of the unit, including;
 - 0: non-authorized
 - 1: authorized for NDC
 - 2: authorized for CORSIA
 - 3: authorized for NDC and OIMP
- 7) Additional certification code (Any additional certification associated with the units, such as a biodiversity label (if developed in the future))
- 8) Serial number of credits (start-stop).

For example, the unique serial number of 180, Premium T-VER credits of project number 0009 issued date on November 27, 2024 (batch number = 51) is TH1-VER-P0009-51-2023-1-0-861664-861843.

The status of the T-VER credits can be tracked and the latest status of the credits is known i.e. after the request for credit issuance of Premium T-VER project (ID No. P0009) of Company A was approved. The secretariat informed the registrar to issue 300 T-VER credits to the account of Company A. The registrar issued T-VER credit with unique serial number TH1-VER-P0009-51-2023-1-0-861664-861963 (300 credits) in Company A’s account. Then TH1-VER-P0009-51-2023-1-0-861664-861843 (180 credits) was transferred from Company A’s account to Company B’s account. And then Company B used 100 T-VER credits to offset the company’s carbon footprint, so the system recorded that TH1-VER-P0009-51-2023-1-0-861664-861763 (100 credits) was transferred to the cancellation account. Since any credits transferred to cancellation account can no longer be transferred. So, the registrar issued the cancellation notification for Company B and only TH1-VER-P0009-51-2023-1-0-861764-861843 (80 credits) is still in Company B’s account.

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

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

TGO’s registry system is designed based on the “Data Exchange Standards for Registry Systems under the Kyoto Protocol Technical Specifications (Version 1.1.8)” and Guidance of Article 6.2.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

Click or tap here to enter text.

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. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

Program registry administrator or registrar is a permanent staff of TGO. TGO staff is a government official and is bound by the Government anti-corruption law and is subject to prosecution according to relevant regulations. He/she has no conflict of interest since he/she is not related to the approval of T-VER credit issuance which is a responsibility of another division (Carbon Credit Certification Office). Registrar will issue T-VER credits to an account according to request from the Carbon Credit Certification Office. Registrar has no right to open his/her own account and can transfer any credits only when requested by the project participants who are not able to process the transaction by themselves.

TGO does not have written rule that restricts the registrar from opening an account in the registry system. However, it is de facto that the registrar, as a permanent staff of TGO, shall not open an account for himself/herself.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

TGO issues an order named “Order of Thailand Greenhouse Gas Management Organization No. 1/2566 re: designation of registrars for carbon credit registry system, B.E. 2566 (2023)” in order to regulate the management of the carbon credit registry system and the execution of transactions in the carbon credit registry system. The order designates the registrars and prescribes the list of responsibilities. It also states that the registrars shall perform its responsibilities in good faith and shall refrain from unlawful exercise of its authorities. Moreover, the order specifies that the registrars shall not seek any other interests from the recipients of its service, and shall cooperate in the prevention and suppression of corruption and misconduct in order to maintain orderly and transparent registry operation.

The Order of Thailand Greenhouse Gas Management Organization No. 1 / B.E. 2566 (2023) re: designation of registrars for carbon credit registry system” can be downloaded and is publicly available at this weblink: <https://registry.tgo.or.th/document/>

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? (Paragraph 2.4.8)	<input checked="" type="checkbox"/> YES
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Summarize and provide evidence of the registry security provisions referred to in a) through c):

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

Every request for opening registry account is screened by the registrar, each juristic person or individual is eligible to open only one account regardless of the number of their projects.

Juristic person whose project is registered will get an official letter from TGO asking them to submit their request and required documents to open an account. The required documents are same as the documents needed for opening bank account. The required documents for opening registry account are as follows:

1. Approval letter issued by the Department of Business Development within 3 months
2. Power of Attorney specifying an e-mail that can use the account in the registry system
3. Copy of Identity card or passport of Proxy
4. Copy of Identity card or passport of Attorney
5. Certification of Employment

The registrar will review the request and the required documents and check whether the request duplicate with the existing account in the Table “account holder” or not since each juristic person or individual can open only one account regardless of the number of their projects.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

N/A

<https://ghgreduction.tgo.or.th/en/project-development-process/procedure-for-opening-an-account.html>

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. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

A T-VER credit is a Voluntary Emission Reduction (VERs) carbon credit which is considered as an incorporeal “property” susceptible of having a value and of being appropriated whether for sale, use or any other purposes and falls within the definition of “goods” under the Revenue Code, which is subject to value-added tax in accordance with the relevant provisions of the Revenue Code, as determined by the Revenue Department in its letter no. 0702/3206 dated 24 April 2561, accessible to the public at

<http://www.rd.go.th/publish/26816.html>

The ownership of a T-VER credit is represented in the T-VER Registry and is transferable by transfer of the T-VER credit from a transferor (seller)'s account to the transferee (buyer)'s account in the Registry. The procedure for transfer/sale of T-VER credits is specified in the Regulation of the Board of Directors of Thailand Greenhouse Gas Management Organization re: rules for registration of purchases, sales, and transfers of carbon credits, B.E. 2565 (2022).

The full contents are listed in The Regulation of the Board of Directors of Thailand Greenhouse Gas Management Organization re: rules for registration of purchases, sales, and transfers of carbon credits, B.E. 2565 (2022), page 7, Clause 14. The regulation can be downloaded and is publicly available at this weblink: <https://registry.tgo.or.th/document/>

B. Summary and accompanying evidence of any updates or changes to the programme elements described in "A" that were initiated following the previous application or the Council's approval of programme eligibility (if none, "N/A"):

The ownership of a T-VER credit is represented in the registry system by the holding status and is transferable from a holding/transferor's account to the acquiring/transferee's account in the registry system. The rules and procedures for transfer of T-VER credits are prescribed in the "Regulation of the Board of Directors of TGO re: rules for registration of purchases, sales, and transfers of carbon credits, B.E. 2565 (2022)". <https://ghgreduction.tgo.or.th/en/premium-t-ver-download/171-premium-t-ver-download-rules-and-regulations/3696-123.html>

The full contents are listed in The Regulation of the Board of Directors of Thailand Greenhouse Gas Management Organization re: rules for registration of purchases, sales, and transfers of carbon credits, B.E. 2565 (2022)", page 6-9, Chapter 3. The regulation can be downloaded and is publicly available at this weblink: <https://registry.tgo.or.th/document/>

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. Information contained in the programme's original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

T-VER's framework is in correspondence with the ISO 14064-2 which specifies principles and requirements and provides guidance at the project level for quantification, monitoring and reporting of activities intended to

cause greenhouse gas (GHG) emission reductions or removal enhancements. Monitoring and Verification framework of GHG emission is also in correspondence with the ISO 14064-3 which specifies principles and requirements and provides guidance for those conducting or managing the validation and/or verification of greenhouse gas (GHG) assertions. Validation or verification is conducted by a third-party entity called Validation and Verification Body (VVB) following “Guideline for Validation and Verification of T-VER Program”.

The guideline provides principles on validation and verification in which VVB shall follow. The first principle is “Independence” in which VVB must maintain its independence from bias, overlapping benefits, and conflict of interests. It must ensure confidence that the findings and conclusions are evidence-based and reliable throughout the validation and verification process. The second principle is ethical conduct in which VVB shall express their independence from any influence throughout the validation and verification process. The same VVB can validate and verify the same project. However, they shall declare that they have no conflict of interest with the project. The VVB shall declare that they have no conflict of interest with the project in the first section of the validation/verification report which will be checked by TGO. TGO does not allow VVB that declares a conflict of interest to validate/verify T-VER project. If a conflict of interest is found, the project shall be validated/verified by another VVB.

Currently, the VVB are registered by TGO but from 1st August 2020, the VVB shall be accredited by National Accreditation Body according to the Rules, Procedures and Conditions of Registration of Validation and Verification Body for Voluntary Projects. Under the new regulations, the National Standardization Council shall check the conflict of interest of VVB according to the requirement of ISO14065 when VVB requests for accreditation/surveillance or renewal.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

According to the Regulation of the Board of Directors of Thailand Greenhouse Gas Management Organization re: rules for consideration of registration of Validation and Verification Body for voluntary projects, B.E. 2564 (2021) which entered into force since 4th February 2021, an entity which can be designated as a Validation and Verification Body (VVB) shall be either:

- 1) Designated Operational Entities (DoEs) accredited by the Executive Board under the Clean Development Mechanism;
- 2) Entities accredited under ISO 14065 by an accreditation Body that is a member of the International Accreditation Forum (IAF); or
- 3) Entities accredited by the National Standardization Council (NSC).

Furthermore, the person who intends to be an auditor is required to attend 2 training programs organized by TGO including introduction to T-VER and validation and verification” and need to pass the examinations.

Due to the transition of ISO standard from the previous to the latest version, TGO revised “Guideline for Validation and Verification of T-VER Program” and renamed it to “Manual for T-VER Validation & Verification”. Details of the revision are as shown in the Table:

ISO	Previous version	Latest version
14065	2013	2020 (coupled with ISO 17029: 2019)
14064-3	2006	2019

The Regulation of the Board of Directors of Thailand Greenhouse Gas Management Organization re: rules for consideration of registration of Validation and Verification Body for voluntary projects, B.E. 2564 (2021)” can be downloaded and is publicly available at this weblink:

<https://ghgreduction.tgo.or.th/en/rules/rules-for-vvb-requirements.html>

The Manual for T-VER Validation & Verification can be downloaded and is publicly available at this weblink:

<https://ghgreduction.tgo.or.th/en/validation-and-verification-body/guideline-for-validation-and-verification-procedure.html>

Question 3.7 Programme governance

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

Provide evidence that this information is available to the public:

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

TGO is responsible for the administration of the T-VER program. The methodologies and tools are considered and approved by the Subcommittee on Consideration of GHG Mitigation Projects and Activities, whereas, project registration, carbon credit issuance and registration of VVB are considered and approved by the Board of Directors of TGO according to the recommendations of the subcommittee.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

Information of Premium T-VER program is publicly disclosed on the website:

<https://ghgreduction.tgo.or.th/en/premium-t-ver.html>

For example:

	URL
Development of methodology	https://ghgreduction.tgo.or.th/en/premium-t-ver-methodology/procedure-for-development-of-methodology.html
Project development cycle	https://ghgreduction.tgo.or.th/en/project-development-process/procedure-for-project-development.html
Call for public comment	https://ghgreduction.tgo.or.th/en/application-for-premium-t-ver/public-comments.html
Project details e.g., project	https://ghgreduction.tgo.or.th/en/database-and-statistics/single-and-bundled-

information, approval date	projects.html https://ghgreduction.tgo.or.th/en/database-and-statistics/programme-of-activities-projects.html
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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 type="checkbox"/> YES

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

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

T-VER has been operating since 2014.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

According to the Royal Decree Establishing Thailand Greenhouse Gas Management Organization (Public Organization), B.E. 2550 (2007), as amended in B.E. 2562 (2019), TGO has the objectives to, inter alia, register voluntary GHG reduction project. The Board of Directors of TGO has the duties and authorities to consider registration of voluntary GHG reduction project and certified GHG emission reduction/removal.

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. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

As a government organization, TGO is regulated under the Act on Anti-Corruption B.E. 2561 (2018) which concerns prevention of the conflicts of interest of the government officials. The procedure addressing conflicts of interest is laid out in the Act on Anti-Corruption B.E. 2561 (2018).

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

N/A

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
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Provide evidence of such coverage:

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

N/A

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

N/A

Question 3.8 Transparency and public participation provisions

Does the programme publicly disclose... (<i>Paragraph 2.8</i>)	
a) what information is captured and made available to different stakeholders?	<input checked="" type="checkbox"/> YES
b) its local stakeholder consultation requirements (if applicable)?	<input checked="" type="checkbox"/> YES
c) its public comments provisions and requirements, and how they are considered (if applicable)?	<input checked="" type="checkbox"/> YES

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

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

All information on T-VER program is publicly disclosed on T-VER website (<http://ghgreduction.tgo.or.th/t-ver>) such as the project development cycle, eligibility criteria, methodologies and tools, positive list, registration of VVB, registered project design documents, Co-benefit Reports, Monitoring Reports etc.

T-VER does not require a stakeholder consultation or public comments since one of the criteria for project registration is that the project must comply with Thai law. In accordance with Thai law, project activities that have high impacts to the environment can proceed the construction/installation only if the Environmental Impact Assessment (EIA) Report is approved by the Office of Natural Resources and Environmental Policy and Planning. The EIA process requires 2 rounds of local stakeholder consultation: the introduction and the feedback round.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A”

that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

All information on Premium T-VER program is publicly disclosed on Premium T-VER website:

<https://ghgreduction.tgo.or.th/en/premium-t-ver.html>

The following details about Premium T-VER are available on the website:

- Project type/size/condition
- Rules and regulations including project registration, credit issuance, additionality, sustainable development and safeguards, non-permanence risk, double counting, registration of VVB and data disclosures
- Project development cycle and procedures: development of methodology, local stakeholder consultation, project registration, carbon credit issuance, renewal of crediting period, changes of registered project, validation and verification, opening an account, carbon credit exchange,
- Statistics of registered projects and carbon credits issuance

TGO also makes publicly available the relevant information on the project including validated PDD, validation report, SD & safeguards Assessment Report, verified Monitoring Report, verification report, SD & safeguards Monitoring Report, Non-permanence Risk Report.

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. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

N/A

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

TGO will call for public input on the proposed methodologies, draft PDD and SD & Safeguards Assessment Report. The public input on the proposed methodologies and SD & Safeguards Assessment Report will be considered by TGO during the completeness and correctness check, whereas the public input on the draft PDD will be considered by VVB during validation.

Call for public input is available at this weblink:

<https://ghgreduction.tgo.or.th/en/application-for-premium-t-ver/public-comments.html>

Question 3.9 Safeguards system

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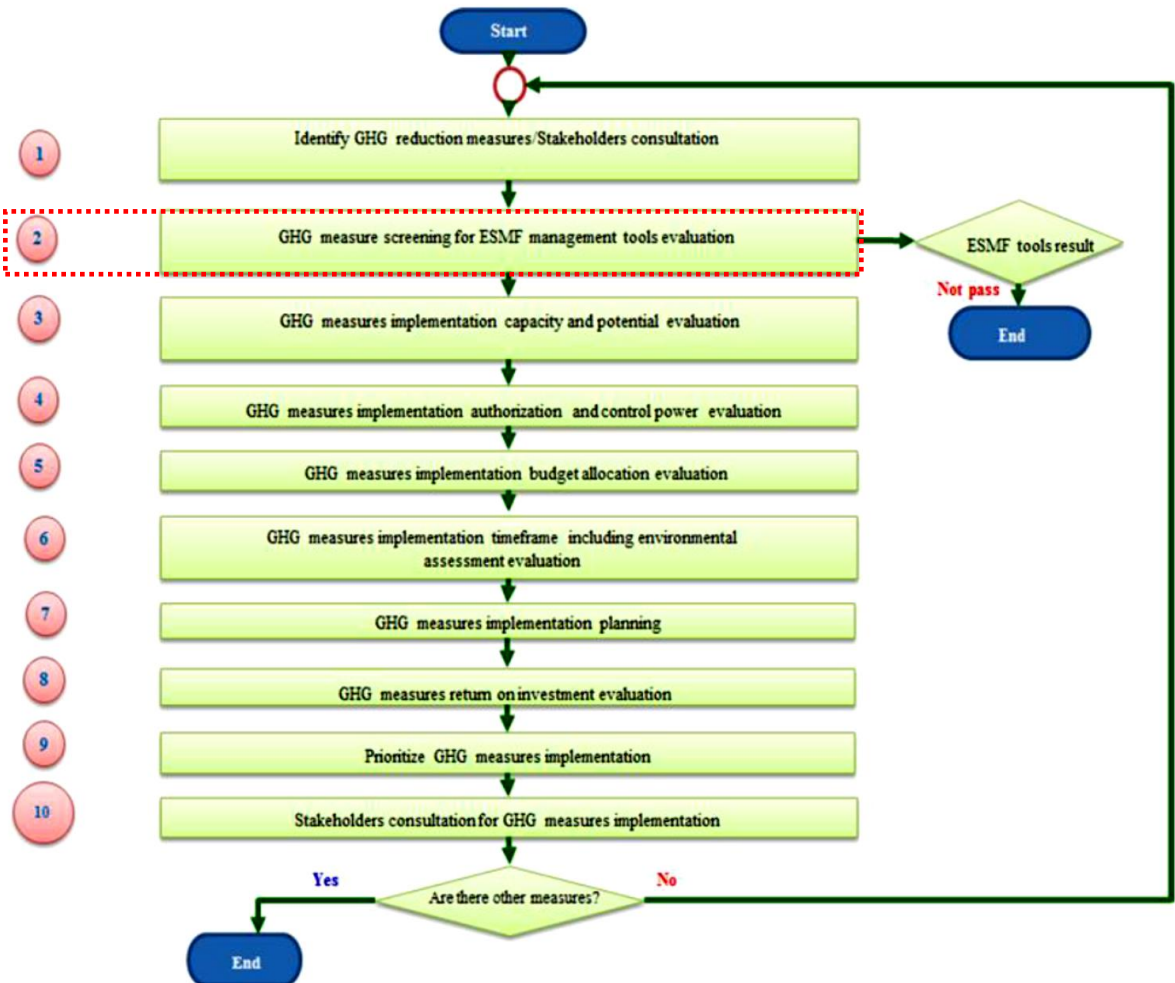
a) environmental risks?	<input checked="" type="checkbox"/> YES
b) social risks?	<input checked="" type="checkbox"/> YES

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

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

In the beginning, safeguard policy is applied for GHG mitigation project of city/municipality/community which shows expression of interest to receive financial support from foreign organizations. The Environmental and Social Management Framework (ESMF) tools are developed in accordance with the World Bank guidance and modified specifically for Thai context. The ESMF is established as a tool for assessing and setting up environmental and social impact reduction measures from city/municipality/community GHG mitigation projects. It also aims at enhancing stakeholders’ participation. The tools are prioritized in the top rank of the project selection criteria as shown in figure below. The project shall pass this evaluation before continuing to the next step.

The framework, as the detail in the attached file, consists of 5 main parts; (1) Social and Environmental Policies and Legal Requirements (2) Environmental and Social Impacts Screening with the Assessment Forms and Impact severity level consideration (3) Preparation of Environmental and Social Impact Management Tools (4) Environmental and Social Co-benefits Assessment and (5) Public Participation and Information Consultation.



B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

According to project development cycle of Premium T-VER,

- 1) Before starting the project, project participant has to identify negative impacts of the project activities and propose mitigation measures with monitored parameters in the SD & Safeguards Assessment Report to assure that there will be no negative impact as a result of the project i.e., measuring concentration of particulate matter in ambient air at villages located downwind twice a year. Project participant also has to conduct local stakeholder consultation in order to inform project implementation plan and operation to local people and get their comments. Project participant need to respond to the received comments as appropriate e.g., avoidance of biomass transportation through the community road during the rush hour in order to avoid accident.
- 2) After the project is operated, SD & Safeguards Monitoring Report shall be prepared and submit along with the greenhouse gas Monitoring Report during the request for credit issuance.

TGO will check the completeness and correctness of the SD & Safeguards Assessment Report and SD & Safeguards Monitoring Report which will subsequently be proposed to the Subcommittee on Consideration of GHG Mitigation Projects and Activities and approved by the Board of Directors of TGO according to the recommendations from the subcommittee. Project activities that can be registered as a Premium T-VER project shall not cause negative impacts or have a mitigation plan to avoid negative impacts. The subcommittee comprises of representatives from relevant ministries which is the regulators for environment and safety i.e. Pollution Control Department, Department of Industrial Works. Besides, TGO has cooperated with the Regional Environmental and Pollution Control Offices in monitoring T-VER projects annually since 2017 in order to assure that T-VER projects achieve emission reduction and contribute to sustainable development of Thailand. The Regional Environmental and Pollution Control Offices are the branch offices of the Pollution Control Department located over 16 regions of Thailand.

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:

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

All T-VER projects should submit co-benefit report to show their positive impacts on environment, economy, and society which are crucial cores of sustainable development principle. The co-benefit report comprises of 3 aspects including;

(1) Natural Resources and Environment Indicators

- Air pollution
- Water pollution
- Water supply
- Noise
- Waste
- Hazardous waste
- Odor
- Greenhouse gas
- Soil
- Biodiversity conservation
- Others

(2) Social Indicators

- Community cooperation
- Health and safety
- Support social and culture development
- Human resource development in community
- Others

(3) Economic Indicators

- Financial support to community
- Employment/income
- Promote domestic investment
- Others

Project participants need to enclose photos, documents or evidences for consideration. To ensure that the T-VER projects align with indicated co-benefits, TGO has set on-site monitoring process to monitor every registered T-VER project. The on-site monitoring will be conducted 1 year after the T-VER projects have been registered.

Furthermore, TGO is developing sustainable development criteria for T-VER project based on the sustainable development criteria used for Thailand CDM project. The sustainable development criteria for CDM project comprises of 4 aspects 24 indicators including environment and natural resources indicators, social indicators, technology development and/or technology transfer indicators and economic indicators.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

An activity that can be registered as Premium T-VER project shall contribute to at least 2 SDG goals beside Goal 13 (Climate Action), details of contribution of the project activity on each goal shall be described with supporting evidence. The monitored parameters shall be specified in the SD & Safeguards Assessment Report.

And after the project is operated, the SD & Safeguards Monitoring Report shall be prepared and submitted along with the greenhouse gas Monitoring Report during the request for credit issuance. TGO will check the completeness and correctness of the SD & Safeguards Assessment Report and SD & Safeguards Monitoring Report.

Question 3.11 Avoidance of double counting, issuance and claiming

Does the programme use sustainable development criteria? (<i>Paragraph 2.10</i>)	<input 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? (<i>Paragraph 2.11</i>)	<input checked="" type="checkbox"/> YES

Summarize and provide evidence of the information referred to above, including its availability to the public:

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

For avoidance of double counting, there is one section in PDD which project participant has to self-declare on no double counting. Then in validation process, VVB has to check the database of registered projects of other schemes i.e., CDM, Gold Standard, Verified Carbon Standard to ensure that this project is not double registered.

For avoidance of double issuance, registrar will issue T-VER credits to an account as requested by the Carbon Credit Certification Office. The information on project title, issuance period, and amount of carbon credits will be recorded in the Table “Credit” in case that there is an irregularity in credit issuance, the registrar will notice and cross check with the Carbon Credit Certification Office.

For double claiming, as the cancellation notification is issued by TGO for the use of credits, double claiming is made impossible. The issuance of notification will be conducted when the certain amount of credits is transferred to cancellation account which is irreversible.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

N/A

The full contents of avoidance of double counting and double use can be found in Guideline for Premium Thailand Voluntary Emission Program, page 17, Section 3 (18). The guideline can be downloaded and is publicly available at this weblink: <https://ghgreduction.tgo.or.th/en/about-premium-t-ver/about-premium-t-ver-project.html>

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. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

According to the T-VER General Guideline, activities that can be registered as a T-VER project must be additional. T-VER project activity shall not be only what required by law or regulations. In case where the project activity does not covered in the positive list and where the project size is not a micro-scale or small-scale, proof of additionality is required. The project will be considered as additional if its payback period is more than 3 years. The reason why TGO selects 3 years-payback period as a threshold for additionality test and exempt the additionality test for micro/small-scale activities because TGO want to encourage Thai project participant to develop a greenhouse gas emission reduction project under T-VER program.

During the development of T-VER methodology, additionality of the eligible activity and baseline setting is considered carefully to make sure that the project activity is additional to what is enforced by national laws or regulations. For example, landfill gas recovery for electricity generation or flaring is not required under the

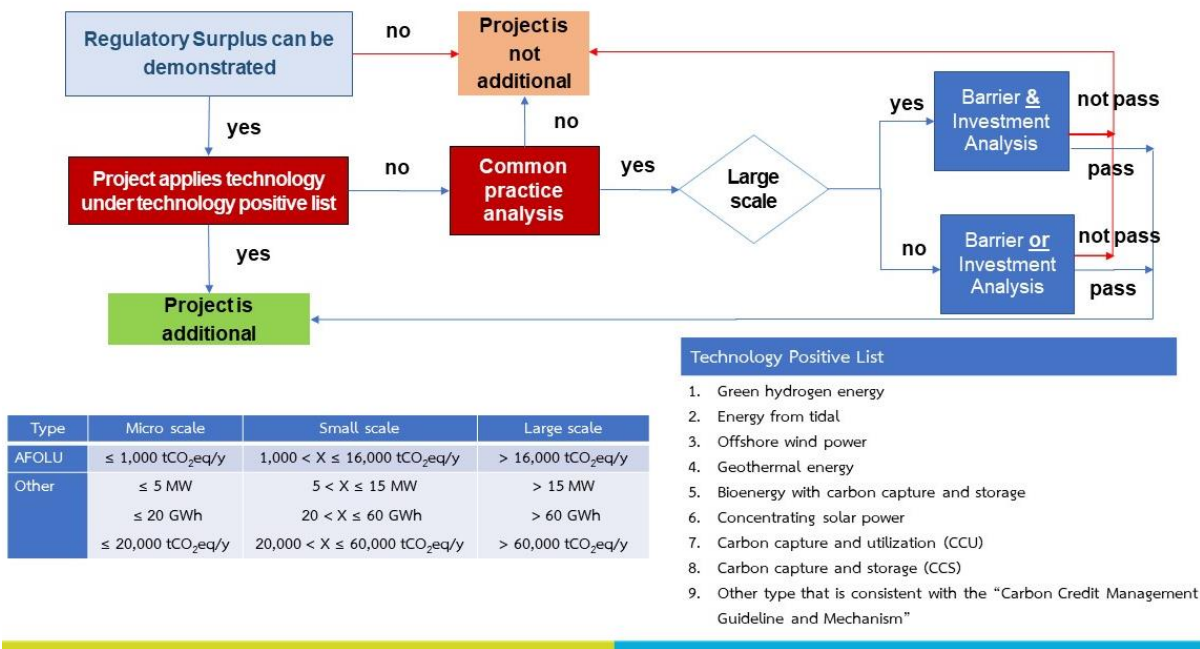
regulation on sanitary landfill site management issued by the Pollution Control Department. Both passive and active control can be used for venting landfill gas to the atmosphere in order to prevent landfill fire. Thus, landfill gas recovery is an applicable activity for T-VER.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (if none, “N/A”):

Announcement of the Board of Directors of Thailand Greenhouse Gas Management Organization re: Criteria for Demonstration of Additionality under Premium Thailand Voluntary Emission Reduction Program (Premium T-VER), B.E. 2566 (2023) specifies that any project that intends to be developed as a Premium T-VER project shall be additional to what is required by the law (regulatory surplus). The project shall employ a technology within the scope of Technology Positive List, or demonstrate additionality in accordance with the criteria prescribed under this Announcement, with an exception for the projects in “Reduction, absorption and removal of greenhouse gases from the forestry and agriculture sectors”, which shall carry out demonstration of additionality in accordance with the guideline set out in the Regulation of Thailand Voluntary Emission Reduction (T-VER) for such category of projects.

Demonstration of additionality are as follows:

- (1) Common practice
- (2) Investment analysis and/or barrier analysis



The Announcement of the Board of Directors of Thailand Greenhouse Gas Management Organization re: Criteria for Demonstration of Additionality under Premium Thailand Voluntary Emission Reduction (Premium T-VER) Program, B.E. 2566 (2023) can be downloaded and is publicly available at this weblink:

<https://ghgreduction.tgo.or.th/en/premium-t-ver-download/171-premium-t-ver-download-rules-and-regulations.html>

Is additionality and baseline-setting... (<i>Paragraph 3.1</i>)	
a) assessed by an accredited and independent third-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. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

Additionality and baseline setting of an activity is assessed by the Validation and Verification Body (VVB) during the project validation. The focus group meeting is conducted in order to get comments from relevant stakeholders and VVB before and presented to the Subcommittee on Consideration of GHG Mitigation Projects and Activities for recommendation and presented to the Board of Directors of TGO for approval. If there are new policies, laws or regulations that effect to the additionality and baseline setting or any comments from the project participants, VVBs or other stakeholders, TGO will revise the methodology as appropriate.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

Additionality and baseline setting of a project activity is assessed by the VVB according to the rules prescribed by the Announcement of the Board of Directors of Thailand Greenhouse Gas Management Organization re: Criteria for Demonstration of Additionality under Premium Thailand Voluntary Emission Reduction (Premium T-VER) Program, B.E. 2566 (2023).

The Announcement of the Board of Directors of Thailand Greenhouse Gas Management Organization re: Criteria for Demonstration of Additionality under Premium Thailand Voluntary Emission Reduction (Premium T-VER) Program, B.E. 2566 (2023) can be downloaded and is publicly available at this weblink:

<https://ghgreduction.tgo.or.th/en/premium-t-ver-download/171-premium-t-ver-download-rules-and-regulations.html>

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:

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

In case that the project activity does not employ technology as listed in the positive list and the project size is not a micro-scale or small-scale, proof of additionality is required. The project will be considered as additional if its payback period is more than 3 years.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

According to the rules prescribed by the Announcement of the Board of Directors of Thailand Greenhouse Gas Management Organization re: Criteria for Demonstration of Additionality under Premium Thailand Voluntary Emission Reduction Program (Premium T-VER), B.E. 2566 (2023), the project participant shall demonstrate additionality by proving the project activity is additional to what required by the law and in case where the project does not fall within the scope of “Technology Positive List” as specified in the announcement, additionality of the project shall be demonstrated in accordance with the following steps:

- 1) Common practice
- 2) Investment/barrier analysis
 - a. Micro-scale or small-scale project: investment analysis or barrier analysis
 - b. Large scale project: investment analysis and barrier analysis

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*)

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

N/A

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

N/A

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
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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:

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

The technologies included in the positive list are selected from the list of technologies that will be transferred to Thailand and have high potential in greenhouse gas emission reduction with high investment cost obtained

from “Roadmap on GHG technologies” which is published in year 2018. The report was conducted by the National Science Technology and Innovation Policy Office under the Ministry of Science and Technology. TGO selected the appropriate technologies and conducted stakeholder consultations before finalizing the positive list. The positive list was presented to the Subcommittee on Consideration of GHG Mitigation Projects and Activities for recommendation and presented to the Board of Directors of TGO for approval.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

The technologies in the “Technology Positive List” of the Announcement of the Board of Directors of Thailand Greenhouse Gas Management Organization re: Criteria for Demonstration of Additionality under Premium Thailand Voluntary Emission Reduction (Premium T-VER) Program, B.E. 2566 (2023) are obtained from “Thailand’s Long-term Low Greenhouse Gas Emission Development Strategy” submitted to UNFCCC in November 2022.

The full contents of the “Technology Positive List” can be found in page 4, Clause 8 of the Announcement of the Board of Directors of Thailand Greenhouse Gas Management Organization re: Criteria for Demonstration of Additionality under Premium Thailand Voluntary Emission Reduction (Premium T-VER) Program, B.E. 2566 (2023) can be downloaded and is publicly available at this weblink:

<https://ghgreduction.tgo.or.th/en/premium-t-ver-download/171-premium-t-ver-download-rules-and-regulations.html>

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*)

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

VVB validates the demonstration of additionality of the project activity and the emission reduction where it is required that the level of assurance is reasonable and the primary data was checked. TGO will recheck both the correctness and conservativeness of the credits before the request of credit issuance is approved.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

N/A

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. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

The basic principles of T-VER are relevance, completeness, consistency, accuracy, transparency and conservativeness. Hence, the baselines must be set up based on these principles. The concept of T-VER methodology is based on the IPCC guidelines, the CDM methodologies and good practices in Thailand. Besides the methodology, activity data and the values of emission factors must be conservative.

T-VER credits shall come from eligible activities according to the applicability criteria specified in T-VER methodologies. Hence, development of T-VER methodology is the major procedure to assure realistic, defensible and conservative baseline. T-VER methodology is based on CDM methodology and IPCC guidelines with more country specific data, law and regulations e.g., MEPS (Minimum Energy Performance Standard) issued by the Ministry of Energy. The baseline scenario is identified in a conservative manner, with the most conservative default value is selected and used for calculation.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

The most conservative scenario shall be selected as a baseline scenario and shall be below Business as Usual for example, emission factor of natural gas power plant is used as the emission factor for fossil-based power plant for the calculation of baseline emission, using the minimum Methane Correction Factor (MCF) for calculation the baseline emission of avoidance of methane from landfill disposal.

TGO will publish the proposed Premium T-VER methodology on the website calling for public input. The received comments will be considered by the external experts. TGO may revise the proposed methodology according to the comments of experts and propose to the Subcommittee on Consideration of GHG Mitigation Projects and Activities for approval. The approved methodology will be published on TGO website.

Regulation of the Board of Directors of Thailand Greenhouse Gas Management Organization re: rules, procedures, and conditions for considering Thailand Voluntary Emission Reduction (T-VER) projects, B.E. 2566 (2023), page 9, Clause 16 (4). The regulation can be downloaded and is publicly available at this weblink: <https://ghgreduction.tgo.or.th/en/rules/rules-for-project-registration-and-carbon-credit-issuance.html>

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:

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

Identification of baseline scenario for a T-VER project shall follow the applied methodology. In case where there is any uncertainty or variance due to operation of a project activity e.g., for energy efficiency improvement project, the higher efficiency of the project equipment shall be compared with the baseline equipment at the same performance load. Thus, historical data of efficiency of baseline equipment at varied performance load is needed in order to get the baseline efficiency instead of single piece of data that will lead to over-estimate of emission reduction of the project.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (if none, “N/A”):

Besides the conservative identification of baseline scenario and use of historical data as stated in the original application, input from public will be reviewed by the external experts in such sector and considered by the Subcommittee on Consideration of GHG Mitigation Projects and Activities. This process can ensure that the methods of developing baselines do not over-estimate mitigation from an activity.

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:

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

Revalidation is needed if changes made to a registered project meets one of the following criteria (as specified

in T-VER Project Registration and Credit Issuance (T-VER GG));

- 1) Add more project activity that requires additional methodology for calculation of greenhouse gas emission.
- 2) Has any change(s) that increase(s) the expected greenhouse gas emission reduction from the registered amount to more than 60,000 tCO₂eq/y or more than 15% e.g., increase source/volume/COD of wastewater or a change of technology deployed in the project.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (if none, “N/A”):

N/A

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? (Paragraph 3.3.2)	<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? (Paragraph 3.3)	<input checked="" type="checkbox"/> YES
e) mitigation is measured and verified by an accredited and independent third-party verification entity? (Paragraph 3.3)	<input checked="" type="checkbox"/> YES
f) <i>ex-post</i> verification of mitigation is required in advance of issuance of emissions units? (Paragraph 3.3)	<input checked="" type="checkbox"/> YES

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

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

Validation and Verification Body (VVB) will validate the Project Design Document (PDD) and verify the Monitoring Report based on the applied methodology. The validation shall be done before verification. The Validation Report and Verification Report are publicly disclosed on TGO website. Project participant shall monitor all parameters stated in the registered PDD and prepare Monitoring Report which shall be verified by VVB before submitting the Request for Credit Issuance Form, verified Monitoring Report and Verification Report to TGO.



B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

N/A

Are provisions in place... (<i>Paragraph 3.3.3</i>)	
a) to manage and/or prevent conflicts of interest between accredited third-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 third-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 or dealing in, the offset credits being evaluated?	<input checked="" type="checkbox"/> YES
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. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

“Guidelines for Validation and Verification of T-VER Program” provides the principles on validation and verification in which VVB shall follow. The first principle is “Independence” where VVB must maintain its independence from bias, overlapping benefits, and conflict of interests. It must ensure confidence that the findings and conclusions are evidence-based and reliable throughout the validation and verification process. The second principle is ethical conduct in which VVB shall express their independence from any influence throughout the validation and verification process. In the Validation or Verification Report, the VVB have to self-declare that there is no conflict of interest between the VVB performing the validation and/or verification. The same VVB can validate and verify the same project. However, they shall declare that they have no conflict of interest with the project. TGO does not allow VVB that declares a conflict of interest to validate/verify such T-VER project. If a conflict of interest is found, the project shall be validated/verified by another VVB. The Validation or Verification Report will be disclosed on T-VER website.

Under the new regulations, the National Standardization Council shall check the conflict of interest of VVB in accordance with the requirement of ISO14065. Declaration of conflict of interest is placed in the first section of Validation or Verification report. Under the current regulation, TGO does not allow for any conflict of interest. In the case that TGO found that there is conflict of interest, TGO will withdraw the designated status of the VVB and the report will not be accepted. Under the new regulation, the treatment of conflict of interest will be governed by the ISO14065.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

N/A

The Regulation of the Board of Directors of Thailand Greenhouse Gas Management Organization re: rules for consideration of registration of Validation and Verification Body for voluntary projects, B.E. 2564 (2021)” can be downloaded and is publicly available at this weblink:

<https://ghgreduction.tgo.or.th/en/rules/rules-for-vvb-requirements.html>

The Manual for T-VER Validation & Verification can be downloaded and is publicly available at this weblink: <https://ghgreduction.tgo.or.th/en/validation-and-verification-body/guideline-for-validation-and-verification-procedure.html>

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 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. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

There is no renewal of the activity after the end of crediting period. The crediting period is 7 years.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

Project participant who intends to renew the crediting period shall recalculate the expected GHG emission reductions stated in the registered Project Design Document (PDD) following the latest version of the applied methodology in order to reflect the actual situation at the time of renewal. The revised PDD shall be validated by a VVB. Premium T-VER has not specified the number of years between verification events.

The full contents of the renewal of crediting period can be found in Guideline for Premium Thailand Voluntary Emission Program, page 32, Section 9. The guideline can be downloaded and is publicly available at this weblink: <https://ghgreduction.tgo.or.th/en/about-premium-t-ver/about-premium-t-ver-project.html>

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:

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

N/A

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

There is no *ex ante* issuance under Premium T-VER.

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:

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

No sector is specified because carbon stock or sequestration activity is excluded from the original application.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

For Premium T-VER, projects in the category of “Reduction, absorption and removal of greenhouse gases from the forestry and agriculture sectors” with the exception of reducing Methane or Nitrous oxide from agriculture and in the category of “Capture, storage, and/or utilization of greenhouse gases” may have a potential risk of carbon loss. However, currently, the approved methodologies cover only loss from forestry and agricultural activities and no methodology for CCU/CCS project has been approved.

The project types that are required to submit the Non-permanence risk report is specified in the Announcement of the Board of Directors of Thailand Greenhouse Gas Management Organization re: buffer credit management and risk assessment of carbon loss from forestry and agricultural projects under Premium T-VER Program, B.E. 2566 (2023), page 2, Clause 3. The announcement can be downloaded and is publicly available at this weblink: <https://ghgreduction.tgo.or.th/en/rules/buffer-credit.html>

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

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

No minimum scale of reversal is specified because carbon stock or sequestration activity is excluded from the original application.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

For Premium T-VER, risks of reversals of the projects in the category that may have a potential risk of carbon loss shall be identified, monitored and mitigated.

In the case where the net change in carbon stocks from carbon storage activity specified in the verified Monitoring Report is negative compared to the baseline occurred from risky events and where the loss of carbon credits is more than five percent of the amount of previously-issued credits, the buffer credits of the project participant and the acquired credits shall be cancelled within 30 days from the meeting date that the Board of

Directors of TGO made a decision on the request of credit issuance.

The full contents of the management of reversal can be found in the Announcement of the Board of Directors of Thailand Greenhouse Gas Management Organization re: buffer credit management and risk assessment of carbon loss from forestry and agricultural projects under Premium T-VER Program, B.E. 2566 (2023), page 4, Clause 9. The announcement can be downloaded and is publicly available at this weblink: <https://ghgreduction.tgo.or.th/en/rules/buffer-credit.html>

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? (Paragraph 3.5.2)	<input checked="" type="checkbox"/> YES
b) monitor identified risks of reversals? (Paragraph 3.5.3)	<input checked="" type="checkbox"/> YES
c) mitigate identified risks of reversals? (Paragraph 3.5.3)	<input checked="" type="checkbox"/> YES
d) ensure full compensation for material reversals of mitigation issued as emissions units and used toward offsetting obligations under the CORSIA? (Paragraph 3.5.4)	<input checked="" type="checkbox"/> YES

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

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

No policies and procedures are specified because carbon stock or sequestration activity is excluded from the original application.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

Project participant has to prepare the Non-permanence Risk Report in which the risk events caused by natural disasters, human and/or other risk factors from monitoring results are assessed. The project participant shall then deposit the buffer credits into the pooled buffer account as collateral for the risk of non-permanence in the implementation of the project. The Announcement of the Board of Directors of Thailand Greenhouse Gas Management Organization re: Buffer Credit and Risk Assessment on Carbon Loss from Forestry and Agricultural Project under Premium T-VER Program B.E. 2566 (2023) prescribes the following rules, procedures and conditions.

- 1) Monitoring and assessment risk of carbon loss from non-permanence of forestry and agricultural projects under Premium T-VER
- 2) Deposition, releasing, cancelling and holding buffer credits to compensate carbon loss.

Project participant has to assess monitoring results and analyze the internal risk, external risk and natural risk or other risk factors in terms of probability, impact and spatial scale and propose mitigation measures.

The Non-permanence Risk Report shall be verified by the Validation and Verification Body (VVB). The first initial report shall be submitted within five years counting from the project start date. The subsequent reports shall be submitted every five years throughout the crediting period. Twenty percent of carbon credits certified

within the net changes in carbon stocks from carbon storage activity will be stored in a pooled buffer account. In the case where the result of the non-permanence risk of a project demonstrates no difference or decrease in comparison to the previous report. The project participant is eligible to request for release of fifteen percent of its total amount of buffer credits. The reversals of carbon stock or sequestration shall be fully compensated according to the rules specified in the announcement.

The project participants are required to inform TGO about any occurrence of loss events within 30 days and to submit the “Loss Event Report” within 2 years from the date of discovery of the loss event. If a project participant fails to do so, the project participant can no longer request for credit issuance and all of the buffer credits of the project reserved in the pooled buffer account will be cancelled.

The full contents can be found in the Announcement of the Board of Directors of Thailand Greenhouse Gas Management Organization re: buffer credit management and risk assessment of carbon loss from forestry and agricultural projects under Premium T-VER Program, B.E. 2566 (2023), page 3, Clause 5 and page 4, Clause 9. The announcement can be downloaded and is publicly available at this weblink: <https://ghgreduction.tgo.or.th/en/rules/buffer-credit.html>

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. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

No policies and procedures are specified because carbon stock or sequestration activity is excluded from the original application.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

A project participant shall monitor, mitigate and fully responsible to the reversals. The materiality of the minimum reversal is 5% compared to the amount of previously-issued credits. The number of day and the full compensation of the reversals of carbon stock or sequestration are described in previously sections, the full details are in the announcement.

The full contents can be found in the Announcement of the Board of Directors of Thailand Greenhouse Gas Management Organization re: buffer credit management and risk assessment of carbon loss from forestry and

agricultural projects under Premium T-VER Program, B.E. 2566 (2023), page 2, Clause 4 and page 4, Clause 9. The announcement can be downloaded and is publicly available at this weblink: <https://ghgreduction.tgo.or.th/en/rules/buffer-credit.html>

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:

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

No policies and procedures are specified because carbon stock or sequestration activity is excluded from the original application.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

The offsetting credits shall be the carbon credits certified under the Premium T-VER with the crediting period of less than 5 years before the date that the project participant has to offset the carbon loss according to the announcement. Only CORISA eligible units can be used for compensation.

The full contents are specified in the Announcement of the Board of Directors of Thailand Greenhouse Gas Management Organization re: buffer credit management and risk assessment of carbon loss from forestry and agricultural projects under Premium T-VER Program, B.E. 2566 (2023), page 5, Clause 9. The announcement can be downloaded and is publicly available at this weblink: <https://ghgreduction.tgo.or.th/en/rules/buffer-credit.html>

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? (Paragraph 3.5.7)	<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:

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

Any project activity that transports raw material e.g., transportation of biomass longer than 200 km, emission from transportation shall be calculated as a leakage emission. In addition, the equipment used in the

improvement of energy efficiency project shall not have been installed in anywhere prior to the implementation of the T-VER project.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

Premium T-VER project activity that shall calculate emissions leakage are as follows:

- 1) Renewable electricity generation for independent power supply
- 2) Electricity and thermal energy cogeneration from biomass for reselling
- 3) Municipal solid waste management to replace landfills
- 4) Methane capture from anaerobic wastewater treatment for utilization or flaring
- 5) Afforestation/reforestation of lands
- 6) Improved forest management
- 7) Enhanced good practices in agricultural land

All methodologies can be downloaded and are publicly available at this weblink:

<https://ghgreduction.tgo.or.th/en/premium-t-ver.html>

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:

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

The risk of leakage is addressed during the development of methodology, all possible leakage is considered. Generally, every methodology which involves transportation of feedstock to the project site must calculate leakage emission from transportation if the distance is over 200 km.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

Under Premium T-VER, The risk of leakage is addressed during the development of methodology, all possible leakage is considered.

Leakage emissions of the approved Premium T-VER methodologies are listed as shown in the Table below.

Project Activity	Leakage emission
Renewable electricity generation for independent power supply	Due to biomass production, transportation and usage - Shift of pre-project activities resulting from cultivation of biomass in a dedicated plantation - Diversion of biomass residues from other
Electricity and thermal energy cogeneration from biomass for reselling	

	applications - Transportation of biomass residues outside of the project boundary - Processing of biomass residues outside the project boundary
Municipal solid waste management to replace landfills	Due to waste management - CH ₄ emissions from anaerobic decay of the residual organic content of compost disposed of in a landfill or subjected to anaerobic storage - CH ₄ and N ₂ O emission from composting of digestate - CH ₄ emissions from the anaerobic decay of digestate disposed in a solid waste disposal site or subjected to anaerobic storage
Methane capture from anaerobic wastewater treatment for utilization or flaring	Due to using of equipment previously operated and transferred from another activity, leakage effects at the site of the other activity
Afforestation/reforestation of lands	Due to displacement of pre-project agricultural activities in forest project activities
Improved forest management	Due to reductions in forest product as a result of the project activity
Enhanced good practices in agricultural land	Due to organic amendments from the outside project boundary and from agricultural product

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 type="checkbox"/> YES
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Summarize and provide evidence of the policies and procedures referred to above:

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

N/A

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

N/A

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:

A. Information contained in the programme’s original application, including information submitted in response to

follow-up discussions and written questions pertaining to this topic:

Parameters used for calculation of leakage emission shall be monitored i.e., amount of fossil fuel using for transportation shall be monitored and used for calculation of leakage emission from transportation.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

N/A

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 type="checkbox"/> YES
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Summarize and provide evidence of the policies and procedures referred to above:

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

Project leakage shall be subtracted from the baseline emission same as project emission as shown in the equation below.

$$\text{Emission reduction} = \text{Baseline emission} - \text{Project emission} - \text{Leakage emission}$$

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

N/A

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 at any given time? (<i>Paragraphs 3.7.2 and 3.7.6</i>)	<input checked="" type="checkbox"/> YES
c) to discourage and prohibit the double-selling of units, which occurs when one or more entities sell the same unit more than once? (<i>Paragraph 3.7.7</i>)	<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? (<i>Paragraph 3.7.3</i>)	<input checked="" type="checkbox"/> YES

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

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

Double-issuance is not possible since every request will be considered by Carbon Credit Certification Office before being presented to the Subcommittee on Consideration of GHG Mitigation Projects and Activities for recommendation and will subsequently be presented to the Board of Directors of TGO for approval. If there is any duplication in the requests, TGO will be able to notice this irregularity. The information of credit issuance is published in the T-VER website <http://ghgreduction.tgo.or.th/tver-database-and-statistics/t-ver-registered-project.html>. Registrar will issue T-VER credits to an account as requested by the Carbon Credit Certification Office. The information on project title, issuance period, and amount of carbon credits will be recorded in the Table "Credit". In the case where there is irregularity of credit issuance, the registrar will notice and cross check with the Carbon Credit Certification Office.

The registrar issued T-VER credits with unique serial number in T-VER registry system. The registry system records any issuances and transfers of T-VER credits, regardless of the type of accounts that the credits are transferred to or from i.e., regardless of whether it is a transfer from one holding account to another holding account or from a holding account to a cancellation account which is an irreversible transfer.

Project participants are eligible to sell their credits at any time. However, T-VER registry system does not support forward selling and the account holders can only transfer certain amount of T-VER credits from their account.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in "A" that were initiated following the previous application or the Council's approval of programme eligibility (*if none, "N/A"*):

T-VER registry is a standalone system and no linkage with other registries. Each issued credit unit has a unique serial number which can be transferred to another account but can be located in only one account at any given time.

In Thailand, the National Committee on Climate Change Policy (NCCC) adopted the Carbon Credit Management Guideline and Mechanism (CCMGM) on 16 March 2022. The CCMGM includes guideline and mechanism on the use of carbon credits for an international objective. Pursuant to the CCMGM, T-VER credits that intend to be used for an international objective, including for CORSIA purpose, must come from a T-VER project which has received Letter of Authorization (LoA) from the Office of Natural Resources and Environmental Policy and Planning (ONEP). When a request for T-VER credits transfer for the use towards an international objective is submitted, the project participant must demonstrate that they have obtained the LoA and positive examination of the Monitoring Report from ONEP. CCMGM provides procedure for carbon credits transfer whereby TGO shall record the transfers of carbon credits according to the requests of the project participants and shall prepare annual information on the transfers of carbon credits for international objectives. ONEP which is the national focal point on climate change will apply a corresponding adjustment to avoid double counting of the greenhouse gas mitigation outcomes.

The full contents are specified in the Carbon Credit Management Guideline and Mechanism, page 4-6, paragraphs 9-16. The announcement can be downloaded and is publicly available at this weblink:

<https://ghgreduction.tgo.or.th/en/about-premium-t-ver/offsetting-carbon-credits.html>

<https://climate.onep.go.th/wp-content/uploads/2023/01/20220525-carbon-credit-2-1.pdf> (original document in Thai)

Does the Programme have procedures in place for the following: (<i>Paragraph 3.7.8</i>)	
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 operators 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. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

The program is currently considering potential approaches which could be applied to avoid double-claiming between international mitigation objectives, with the understanding that this consideration is relevant and subject to the ongoing discussion under the UNFCCC process, in particular concerning Decision 1/CP.21, paragraph 36 on guidance on cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement, which is currently not conclusive. Upon the adoption of the aforementioned guidance (expected by the end of 2019), the program would assess and determine how double-claiming could be best avoided in its context.

The national procedure for host country attestation is not currently in place. TGO intends to initiate its consideration of potential institutional arrangement and procedure for authorization of international transfers of mitigation outcomes, including from T-VER projects, in 2020 and make a recommendation for national policy consideration by, potentially, the end of 2020 or early 2021. This process would require the National Committee on Climate Change Policy (NCCC)’s consideration and the Cabinet’s approval. Once the national procedure is in place, the project participants would then be allowed to make a request to the national authority to approve/authorize the T-VER credits for use in the CORSIA scheme.

TGO, as the program administrator, will require the project participants to obtain and provide the evidence of authorization/attestation from the national authority for international transfer of their T-VER credits prior to approving transactions for international transfer within the T-VER registry.

TGO intends to address reconciliation of double-claimed mitigation. However, further consideration will be needed between relevant agencies, including the UNFCCC National Focal Point (ONEP) and the ICAO National Focal Point (CAAT) in order to identify appropriate approaches to address this issue. Essentially, it would be necessary to identify what are the possible causes of such double-claiming and assess how to effectively address them.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

Carbon credits could be transferred for an international objective, including for CORSIA purpose if the project participant receives a letter of authorization to use carbon credits for an international objective before applying for registration as a Premium T-VER project. The Authorization Statement for a project issued by the Office of

Natural Resources and Environmental Policy and Planning (ONEP) is published on the website as follows:
<https://www.onep.go.th/letter-of-authorization/>

Does the Programme have procedures in place requiring... (Paragraph 3.7.9)	
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. (Paragraph 3.7.9.1)	
<input checked="" type="checkbox"/> Mitigation from emissions units used by operators 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. (Paragraph 3.7.9.2)	
<input checked="" type="checkbox"/> Programme procedures provide for the use of method(s) to avoid double-claiming which are not listed above (Paragraph 3.7.9.3)	
b) that Host Country attestations confirm the use of approach(es) referred to in the list above?	<input checked="" type="checkbox"/> YES

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

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

The process to avoid double-claiming could potentially be integrated with the accounting procedure for the country’s international mitigation contribution, which is being developed for the post-2020 period. Existing institutional arrangement is in place to ensure coordination among relevant government agencies responsible for national emissions and mitigation reporting. Thailand has consistently submitted information on international market mechanisms as part of the biennial update reports as well as the national communication to the UNFCCC.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

Transfer of carbon credits from Premium T-VER projects which receive Letter of Authorization will be accounted by TGO and the Office of Natural Resources and Environmental Policy and Planning (ONEP) which is the national focal point on climate change will apply a corresponding adjustment to avoid double counting of the greenhouse gas mitigation outcomes.

Does the Programme... (Paragraph 3.7.10)	
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. Information contained in the programme’s original application, including information submitted in response to

follow-up discussions and written questions pertaining to this topic:

N/A

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

Office of Natural Resources and Environmental Policy and Planning (ONEP) will publish the letter of authorization on its website after the approval of the cabinet. <https://www.onep.go.th/letter-of-authorization/>

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:

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

N/A

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

According to the procedures specified in the Carbon Credit Management Guideline and Mechanism (CCMG) adopted by the National Committee on Climate Change Policy (NCCC) on 16 March 2022, TGO shall report the amount of transferred carbon units directly to the Office of Natural Resources and Environmental Policy and Planning (ONEP). Therefore, there is no need for the comparison between the country and the program accounting and the volume of transferred credits.

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:

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

N/A

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

N/A

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:

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

The project participant must confirm, in the T-VER project registration form, that the project does not involve any activity which is unlawful or in contrary to relevant regulations and complies with the terms set out by the Board of Directors of TGO. In the case where any unlawful activity or incompliance with the relevant regulations occurs, TGO will withdraw the project.

Additionally, the project participant must submit an Environmental Impact Assessment (EIA) report, if required by law, as accompanying evidence to the registration form. For forestry and agricultural projects, description of rights associated with the land included in the project, as well as the evidence thereof, must be submitted with the Project Design Document.

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

As stated in the answer of Question 3.9, Project participant needs to identify the negative impacts of the project activity and propose mitigation measures with monitored parameters to assure that there will be no negative impact occurs from the project and the project does no net harm.

<https://ghgreduction.tgo.or.th/en/about-premium-t-ver/sustainable-development-assessment.html>

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

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

Environmental and Social Impact Screening and management and the Environmental and Social Co-benefits Assessment Form can be found in the document “Environmental and Social Management Framework (ESMF) of Greenhouse Gas Mitigation Project”

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A”

that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

Premium T-VER project registration criteria and monitoring requirement by TGO can be found in Section 6.1.2 (4) and 11 of the Guideline for Premium Thailand Voluntary Emission Reduction Program (Premium T-VER)” and also published on the website:

<https://ghgreduction.tgo.or.th/en/rules/rules-for-project-registration-and-carbon-credit-issuance.html>

Project activities that can be registered as a Premium T-VER project shall not cause negative impacts or have a mitigation plan to avoid negative impacts.

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*)

A. Information contained in the programme’s original application, including information submitted in response to follow-up discussions and written questions pertaining to this topic:

N/A

B. Summary and accompanying evidence of any updates or changes to the programme elements described in “A” that were initiated following the previous application or the Council’s approval of programme eligibility (*if none, “N/A”*):

Premium T-VER project registration criteria can be found in Section 6 of the Guideline for Premium Thailand Voluntary Emission Reduction Program (Premium T-VER)” and also published on the website: <https://ghgreduction.tgo.or.th/en/rules/rules-for-project-registration-and-carbon-credit-issuance.html>

PART 5: Programme comments

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

[Click or tap here to enter text.](#)

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:

Kiatchai Maitriwong
Executive Director

23 March, 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 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:

Kiatchai Maitriwong
Executive Director

23 March, 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)



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Programme Re-application Form, Appendix B

Programme Assessment Scope

CONTENTS: List all activities and methodologies/protocols that were assessed by TAB at the time of the previous programme's application or are currently within the Scope of Eligibility in the pilot phase. Programmes may define additional activities and methodologies/protocols programmes for TAB's assessment for the **CORSIA first phase**.

Sheet A) Activities previously assessed by TAB at the time of the previous programme's application or those within the Scope of Eligibility in the pilot phase

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

Sheet C) Activities that were not previously-assessed or excluded for assessment by TAB at the time of the previous application and that programmes wish to add for TAB's assessment for the first phase

Sheet D) List of all methodologies / protocols that support activities described under Sheet C

SHEET A: APPROVED ACTIVITIES (Here, list activities supported by the programme that were previously-assessed by TAB at the time of the previous application or those within the Scope of Eligibility in the pilot phase)

Sector	Supported activity type(s)	Implementation level(s)	Geography(ies)
Energy efficiency	Replace with high efficiency lighting	Project-level only	Thailand only
	Install high efficiency lighting for new buildings	Project-level only	Thailand only
	Install cogeneration system to replace electricity purchasing and thermal energy production	Project-level only	Thailand only
	Install cogeneration system for new plants or new factories	Project-level only	Thailand only
	Improve thermal units such as boiler, industrial furnace, etc to achieve high energy efficiency	Project-level only	Thailand only
	Improve existing power plants to achieve high energy efficiency	Project-level only	Thailand only
	Install waste heat recovery unit to generate electricity at cement plants	Project-level only	Thailand only
	Replace existing chillers with high efficiency chillers	Project-level only	Thailand only
	Improve turbines to achieve high efficiency at existing power plant	Project-level only	Thailand only
	Replace existing motors with high efficiency motors or install variable frequency drive (VFD) in motor system	Project-level only	Thailand only
	Install combined heat and power system for electricity and chilled water generation to replace the separated system by electricity purchasing and chiller	Project-level only	Thailand only
	Install waste heat recovery unit to achieve high energy efficiency in thermal generation unit	Project-level only	Thailand only
	Install thermal chiller system such as absorption chiller, adsorption chiller to substitute vapor compression chiller	Project-level only	Thailand only
	Replace existing air conditioners with high efficiency air conditioners	Project-level only	Thailand only
	Replace existing uninterruptible power supply (UPS) with high efficiency UPS	Project-level only	Thailand only
Alternative energy	Install on-grid power plant by renewable energy or alternative energy	Project-level only	Thailand only
	Install off-grid power plant by renewable energy or alternative energy to substitute electricity generation by fossil fuel	Project-level only	Thailand only
	Switch fossil fuel with renewable energy or alternative energy to generate thermal energy	Project-level only	Thailand only
	Install new thermal generation unit by renewable energy	Project-level only	Thailand only
	Install biodiesel production process using as fuel of vehicle	Project-level only	Thailand only
	Switch fossil fuel with renewable energy or alternative energy in a cogeneration/trigeneration system	Project-level only	Thailand only
	Install production process of compressed biomethane gas (CBG) to replace fossil fuel	Project-level only	Thailand only
Waste	Install anaerobic wastewater treatment from industrial wastewater to capture methane for utilization or flaring	Project-level only	Thailand only
	Install municipal solid waste incineration to replace landfill	Project-level only	Thailand only

TGO modified unique methodology codes as listed below:

Unique Methodology (The previous TAB's assessment)	Unique Methodology (Present)
T-VER-METH-EE-01	T-VER-S-METH-EE-01
T-VER-METH-EE-02	T-VER-S-METH-EE-02
T-VER-METH-EE-03	T-VER-S-METH-EE-03
T-VER-METH-EE-04	T-VER-S-METH-EE-04
T-VER-METH-EE-05	T-VER-S-METH-EE-05
T-VER-METH-EE-06	T-VER-S-METH-EE-06
T-VER-METH-EE-07	T-VER-S-METH-EE-07
T-VER-METH-EE-08	T-VER-S-METH-EE-08
T-VER-METH-EE-09	T-VER-S-METH-EE-09
T-VER-METH-EE-10	T-VER-S-METH-EE-10
T-VER-METH-EE-11	T-VER-S-METH-EE-11
T-VER-METH-EE-12	T-VER-S-METH-EE-12
T-VER-METH-EE-13	T-VER-S-METH-EE-13
T-VER-METH-EE-14	T-VER-S-METH-EE-14
T-VER-METH-EE-15	T-VER-S-METH-EE-15
T-VER-METH-AE-01	T-VER-S-METH-AE-01
T-VER-METH-AE-02	T-VER-S-METH-AE-02
T-VER-METH-AE-03	T-VER-S-METH-AE-03
T-VER-METH-AE-04	T-VER-S-METH-AE-04
T-VER-METH-AE-05	T-VER-S-METH-AE-05
T-VER-METH-AE-06	T-VER-S-METH-AE-06
T-VER-METH-AE-07	T-VER-S-METH-AE-07
T-VER-METH-WM-01	T-VER-S-METH-WM-01
T-VER-METH-WM-02	T-VER-S-METH-WM-02
T-VER-METH-WM-03	T-VER-S-METH-WM-03
T-VER-METH-WM-04	T-VER-S-METH-WM-04
T-VER-METH-WM-05	T-VER-S-METH-WM-05
T-VER-METH-WM-06	T-VER-S-METH-WM-06
T-VER-METH-WM-07	T-VER-S-METH-WM-07
T-VER-METH-WM-08	T-VER-S-METH-WM-08
T-VER-METH-WM-09	T-VER-S-METH-WM-09
T-VER-METH-FOR-01	T-VER-S-METH-FOR-01
T-VER-METH-FOR-02	T-VER-S-METH-FOR-02
T-VER-METH-FOR-03	T-VER-S-METH-FOR-03
T-VER-METH-AGR-02	T-VER-S-METH-AGR-02
T-VER-METH-AGR-01	T-VER-S-METH-AGR-01
T-VER-METH-OTH-01	T-VER-S-METH-OTH-01
T-VER-METH-OTH-02	T-VER-S-METH-OTH-02



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Programme Re-application Form, Appendix C

Programme Exclusions Scope

CONTENTS: List all activities and methodologies/protocols that were excluded from the previous TAB's assessment or outside of Scope of Eligibility in the pilot phase. Programmes may define additional activities and methodologies/protocols programmes to be **excluded** from TAB's assessment for the **CORSIA first phase**. The four sheets are described below:

- Sheet A) Activities that were **excluded** from TAB's assessment at the time of the previous programme's application, or outside of programme's Scope of Eligibility in the pilot phase
- Sheet B) List of all methodologies / protocols that support activities described under Sheet A
- Sheet C) Additional activities that the programme wish to **exclude** from TAB's assessment
- Sheet D) List of all methodologies / protocols that support activities described under Sheet C

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	Prior versions of the methodology that are credited by the Programme (if applicable)	Greenhouse / other gases addressed in methodology	Web link to methodology
Carbon Accounting	FAO-UNEP-GEF-G6	1	2002/2004		CO ₂	
Building Envelope from Indoor Environmental Quality	FAO-UNEP-GEF-G6	2	2002/2004		CO ₂	
Energy-Efficient Buildings	FAO-UNEP-GEF-G6	1	2002/2004		CO ₂	
Energy-Efficient Buildings	FAO-UNEP-GEF-G6	2	2002/2004		CO ₂	
Grids	FAO-UNEP-GEF-G6	1	2002/2004		CO ₂	

* All Standard LULUCF methodologies approved in the original application were excluded, with Program LULUCF methodologies are included in the co-application.

SHEET C: ADDITIONAL EXCLUDED ACTIVITIES (Here, list additional activities that the programme wish to **exclude** from TAB's assessment (if applicable, in case they are currently within the Scope of Eligibility in the pilot phase))

Sector	Project/programme type(s)	Implementation level(s)	Geography(ies)
Forestry	Reduction, absorption and removal of greenhouse gases from the forestry sectors	Project-level only	Thailand only

SHEET D: ADDITIONAL EXCLUDED METHODOLOGIES (list all methodologies / protocols that support activities described in Sheet C)

Methodology name	Unique Methodology / Protocol Identifier	Applicable methodology / activities	Date of entry into force of most recent version	Other versions of the methodology that are covered by the Programme (if available)	Coverages / other gaps addressed by methodology	Web link to methodology
Measuring Emissions from Decomposition and Forest Degradation and Enhancing Carbon Sequestration	GHG-PM-08-2013-01	V 1.0	01/01/2013		GHG, CH ₄ , N ₂ O	https://landaction.com.au/landaction-1-our-methodology/methods/reduction-avoidance-and-removal-of-emissions.aspx

<https://landaction.com.au/landaction-1-our-methodology/methods/reduction-avoidance-and-removal-of-emissions.aspx>

TGO modified unique methodology codes as listed below:

Unique Methodology (The previous TAB's assessment)	Unique Methodology (Present)
T-VER-METH-EE-01	T-VER-S-METH-EE-01
T-VER-METH-EE-02	T-VER-S-METH-EE-02
T-VER-METH-EE-03	T-VER-S-METH-EE-03
T-VER-METH-EE-04	T-VER-S-METH-EE-04
T-VER-METH-EE-05	T-VER-S-METH-EE-05
T-VER-METH-EE-06	T-VER-S-METH-EE-06
T-VER-METH-EE-07	T-VER-S-METH-EE-07
T-VER-METH-EE-08	T-VER-S-METH-EE-08
T-VER-METH-EE-09	T-VER-S-METH-EE-09
T-VER-METH-EE-10	T-VER-S-METH-EE-10
T-VER-METH-EE-11	T-VER-S-METH-EE-11
T-VER-METH-EE-12	T-VER-S-METH-EE-12
T-VER-METH-EE-13	T-VER-S-METH-EE-13
T-VER-METH-EE-14	T-VER-S-METH-EE-14
T-VER-METH-EE-15	T-VER-S-METH-EE-15
T-VER-METH-AE-01	T-VER-S-METH-AE-01
T-VER-METH-AE-02	T-VER-S-METH-AE-02
T-VER-METH-AE-03	T-VER-S-METH-AE-03
T-VER-METH-AE-04	T-VER-S-METH-AE-04
T-VER-METH-AE-05	T-VER-S-METH-AE-05
T-VER-METH-AE-06	T-VER-S-METH-AE-06
T-VER-METH-AE-07	T-VER-S-METH-AE-07
T-VER-METH-WM-01	T-VER-S-METH-WM-01
T-VER-METH-WM-02	T-VER-S-METH-WM-02
T-VER-METH-WM-03	T-VER-S-METH-WM-03
T-VER-METH-WM-04	T-VER-S-METH-WM-04
T-VER-METH-WM-05	T-VER-S-METH-WM-05
T-VER-METH-WM-06	T-VER-S-METH-WM-06
T-VER-METH-WM-07	T-VER-S-METH-WM-07
T-VER-METH-WM-08	T-VER-S-METH-WM-08
T-VER-METH-WM-09	T-VER-S-METH-WM-09
T-VER-METH-FOR-01	T-VER-S-METH-FOR-01
T-VER-METH-FOR-02	T-VER-S-METH-FOR-02
T-VER-METH-FOR-03	T-VER-S-METH-FOR-03
T-VER-METH-AGR-02	T-VER-S-METH-AGR-02
T-VER-METH-AGR-01	T-VER-S-METH-AGR-01
T-VER-METH-OTH-01	T-VER-S-METH-OTH-01
T-VER-METH-OTH-02	T-VER-S-METH-OTH-02

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

Mr. Kiatchai Maitriwong

Programme Representative Name

Premium Thailand Voluntary Emission
Reduction Program (Premium T-VER)

Programme Name

24 March, 2023

Date



Registry Representative Signature

Miss Wararat Cha-umkruea

Registry Representative Name

Thailand Carbon Credit Registry System

Registry Name

24 March, 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: Premium Thailand Voluntary Emission Reduction Program (Premium T-VER)

Administering Organization⁵: Thailand Greenhouse Gas Management Organization (Public Organization) (TGO)

Official mailing address: 120 Ratthaprasasanabhakti Building, 9th Floor, The Government Complex Commemorating His Majesty, Chaeng Wattana Road, Laksi, Bangkok 10210 Thailand

Telephone #: +66 (0) 2141 9841 to 50

Official web address: <https://ghgreduction.tgo.or.th/>

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

Full name and title: Ms. Puttipar Rotkittikhun, Director of Carbon Credit Certification Office

Employer / Company (if not programme): TGO

E-mail address: r_puttipar@tgo.or.th

Telephone #: +66 (0) 2141 9850

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

Full name and title: Mr. Kiatchai Maitriwong, Executive Director of TGO

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*".

Employer / Company (*if not Programme*): TGO

E-mail address: kiatchai@tgo.or.th; cc. legal@tgo.or.th Telephone #: +66 (0) 2141 9805

2. Registry Representative Information⁶

A. Registry Information

Registry / system name: Thailand Carbon Credit Registry

Administering Organization: Thailand Greenhouse Gas Management Organization (Public Organization) (TGO)

Official mailing address: 120 Rattthaprasasanabhakti Building, 9th Floor, The Government Complex Commemorating His Majesty, Chaeng Wattana Road, Laksi, Bangkok 10210 Thailand

Telephone #: +66 (0) 2141 9837

Official web address: <https://registry.tgo.or.th>

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

Full name and title: Miss Wararat Cha-umkruea, Registrar

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

E-mail address: wararat.c@tgo.or.th Telephone #: +66 (0) 2141 9837

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

Full name and title: Mr. Kiatchai Maitriwong, Executive Director of TGO

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

E-mail address: kiatchai@tgo.or.th; cc. legal@tgo.or.th Telephone #: +66 (0) 2141 9805

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

PART 3: EVIDENCE OF ADHERENCE TO SCOPE OF REGISTRY RESPONSIBILITIES

	<p>Does the Programme Registry fully meet the objectives of any and all Programme provisions and procedures related to the Programme Registry that the Programme is required to have in place in the manner represented by the Programme in the application form that the Programme has provided to the ICAO Secretariat and, if applicable⁷, as acknowledged by the Programme in the signed “Programme acceptance to terms of eligibility for inclusion in the ICAO document “<i>CORSIA Eligible Emissions Units</i>”?”</p>	<p><input checked="" type="checkbox"/> YES</p>
<p>7.1</p>	<p>Describe how the Registry ensures its ability to implement these provisions:</p>	
	<p>The Thailand Carbon Credit Registry System functions as an electronic system for recording holding, transfer, acquisition, cancellation, and use of carbon credits, as well as for creating, transferring, receiving, and storing any other data for the execution of carbon credit transactions for the programme administered by TGO, including the Premium T-VER. The Thailand Carbon Credit Registry System operates in accordance with the “Regulation of the Board of Directors of Thailand Greenhouse Gas Management Organization re: rules for registration of purchases, sales, and transfers of carbon credits, B.E. 2565 (2022)”.</p>	
	<p>The Thailand Carbon Credit Registry System tracks transfer of unit ownership/holding throughout the credit lifecycle from issuance to cancellation and identifies unit status, including issuance, transfer, and cancellation status. The Thailand Carbon Credit Registry System assigns unique serial numbers to issued units. The unique serial number configuration of the Thailand Carbon Credit Registry System is designed by considering the DES of the UNFCCC, the relevant guidance of Article 6.2 of the Paris Agreement, and international practices, including JCM, VERRA and Gold Standard. T-VER unit is identified in serialization with the identification of the originating registry and the host country (Thailand = TH1), program ID (the program or cooperative approach ID, i.e. VER = general voluntary program), project ID (the unique ID of each project, i.e. P0001 = Project No. 0001 of Premium T-VER), batch number (the identification of the issuance record: 1-999), vintage year (the calendar year in which the underlying mitigation occurred, i.e. 2020), authorized use (authorization status of units, i.e. 0 = non-authorized), additional certification code (any additional certification associated with the units, such as a biodiversity label (if developed in the future)) and serial number of credits (start-stop in blocks).</p>	
	<p>In the field below, provide link(s) to any web-based evidence of existing registry functionalities and/or of documents demonstrating business practices and procedures for the Programme Registry’s implementation of these provisions. Alternatively, or in addition, confirm that such evidence is included as an attachment to this <i>Emissions Unit Programme Registry Attestation</i>.</p>	
	<ul style="list-style-type: none"> • Regulation of the Board of Directors of Thailand Greenhouse Gas Management Organization re: rules for registration of purchases, sales, and transfers of carbon credits, B.E. 2565 (2022) • Order of Thailand Greenhouse Gas Management Organization No. 1 / 2566 re: designation of registrars for carbon credit registry system • User Guide of the Thailand Carbon Credit Registry 	

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.

	The aforementioned documents can be found on the Thailand Carbon Credit Registry webpage < https://registry.tgo.or.th/document > and/or TGO website < http://www.tgo.or.th >.
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7.2	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
	Describe how the Registry does or will implement this provision:	
	Pursuant to the "Regulation of the Board of Directors of Thailand Greenhouse Gas Management Organization re: rules for registration of purchases, sales, and transfers of carbon credits, B.E. 2565 (2022)", any eligible person, juristic person, group of persons, or body of persons may file an application to open an account in the Thailand Carbon Credit Registry, regardless of nationality, country of registration, or operating jurisdiction.	
	Please note that where the applicant is required by foreign business law of Thailand to obtain a business license to conduct business in Thailand, the applicant must demonstrate that it has done so and provide the copy of the business license as evidence accompanying the application form.	
	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> .	
Same as 7.1 above.		

7.3	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
	Describe how the Registry does or will implements this provision:	
	The Premium T-VER credits which are eligible for use towards CORSIA purpose will be identified by the serial number configuration under the "Authorized Use". TGO is considering implementing labelling in the Thailand Carbon Credit Registry to facilitate ease in identifying CORSIA-eligible T-VER credits once the Premium T-VER passes the technical assessment.	
	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> .	
	https://registry.tgo.or.th/	

7.4	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?	<input checked="" type="checkbox"/> YES
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	Describe how the Registry does or will implement these provisions:
	Cancellation of CORSIA-eligible T-VER credits for use towards CORSIA purpose will be affected by transferring the credits from the account of the account holder to the designated cancellation account. The registry system will record the cancellation purpose which will specify as cancellation for CORSIA. The cancellation record also contains, inter alia, the underlying project name, serial number, and cancellation date.
	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> .
	https://registry.tgo.or.th/

	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
7.5	Describe how the Registry does or will implement these provisions:	
	Cancellations of T-VER credits in the Thailand Carbon Credit Registry System will be reflected in the public view of the Thailand Carbon Credit Registry System.	
	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> .	
	https://registry.tgo.or.th/	

	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
7.6	Describe how the Registry does or will implement this provision:	
	Thailand Carbon Credit Registry System allows users to request reports on issuance and cancellation of credits, including for CORSIA purpose.	
	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> .	
	https://registry.tgo.or.th/	

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>Only authorized person or representative of the account holder may access the transaction module of the Thailand Carbon Credit Registry. Account holder logs in with registered email address and secured password.</p> <p>TGO is preparing an update to the guidelines and policies related to the use of Thailand Carbon Credit Registry System which is planned to be completed by June 2023.</p> <p>In the field below, provide link(s) to any web-based evidence of existing registry functionalities and/or of documents demonstrating business practices and procedures for the Programme Registry's implementation of these provisions. Alternatively, or in addition, confirm that such evidence is included as an attachment to this <i>Emissions Unit Programme Registry Attestation</i>.</p> <p>https://registry.tgo.or.th/</p>		

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>In the case where there is a security issue with the information of the system user/account holder, TGO will notify the system user/account holder. Where relevant to the implementation of CORSIA, TGO will engage with the ICAO Secretariat.</p> <p>In the field below, provide link(s) to any web-based evidence of existing registry functionalities and/or of documents demonstrating business practices and procedures for the Programme</p>	

	Registry’s implementation of these provisions. Alternatively, or in addition, confirm that such evidence is included as an attachment to this <i>Emissions Unit Programme Registry Attestation</i> .
	<ul style="list-style-type: none"> Announcement of Thailand Greenhouse Gas Management Organization No. 30/2564 re: data governance policy, available on TGO website <http://www.tgo.or.th> Additional information can be found on <https://registry.tgo.or.th/>.

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:	
	The “Regulation of the Board of Directors of Thailand Greenhouse Gas Management Organization re: rules for registration of purchases, sales, and transfers of carbon credits, B.E. 2565 (2022)” stipulates that the account holder shall specify the objective of cancellation and that the carbon credits, once cancelled in the carbon credit registry system, can no longer be traded, transferred, or disposed of by other means.	
	TGO manages the cancellation accounts and implement the Thailand Carbon Credit Registry’s technical functionalities in accordance with the regulation. The Thailand Carbon Credit Registry System does not have the functionality which allows users to reverse credit cancellation.	
	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> .	
	https://registry.tgo.or.th/document	

7.10	a. Does the Programme Registry ensure that all cancellation information on its website is presented in a user-friendly format?	<input checked="" type="checkbox"/> YES
	b. Does the Programme Registry ensure that all cancellation information on its website is available at no cost and with no credentials required?	<input checked="" type="checkbox"/> YES
	c. Does the Programme Registry ensure that all cancellation information on its website is capable of being searched based on data fields?	<input checked="" type="checkbox"/> YES
	d. Does the Programme Registry ensure that all cancellation information on its website can be downloaded in a machine-readable format, e.g., .xlsx?	<input checked="" type="checkbox"/> YES
	Describe how the Registry implements each provision in rows a – d:	
	The information listed in a-d are available in the Thailand Carbon Credit Registry System.	
	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,	

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.

	confirm that such evidence is included as an attachment to this <i>Emissions Unit Programme Registry Attestation</i> .
	https://registry.tgo.or.th/

7.11	a. Will the Programme Registry retain documents and data relevant to CORSIA Eligible Emissions Units and cancellations on an ongoing basis and for at least three years beyond the end date of the latest compliance period in which the emissions unit programme is determined to be eligible?	<input checked="" type="checkbox"/> YES
	b. Will the Programme Registry retain documents and data relevant to CORSIA Eligible Emissions Units and cancellations consistent with the Programme's long-term planning, including plans for possible dissolution?	<input checked="" type="checkbox"/> YES
	Describe how the Registry does or will implement each provision in rows a and b:	
	TGO has in place a data governance policy which includes guidance on data retention and destruction. The duration of data retention will be in accordance with applicable law and relevant rules. Once the Premium T-VER is approved as eligible under the CORSIA scheme, the requirements of the CORSIA scheme will also be applied for the purpose of data governance of the registry system.	
	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> .	
<ul style="list-style-type: none"> Announcement of Thailand Greenhouse Gas Management Organization No. 30/2564 re: data governance policy, available on TGO website <http://www.tgo.or.th> Additional information can be found on <https://registry.tgo.or.th/>. 		

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

Mr. Kiatchai Maitriwong

Programme Representative Name

Premium Thailand Voluntary Emission Reduction Program (Premium T-VER)

Programme Name

24 March, 2023

Date



Registry Representative Signature

Miss Wararat Cha-umkruea

Registry Representative Name

Thailand Carbon Credit Registry System

Registry Name

24 March, 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.