



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

(Version 4.0)

PREFACE

To address the post-2020 climate actions, Thailand has submitted its Nationally Determined Contribution (NDC) to the United Nations Framework Convention on Climate Change (UNFCCC) Secretariat with a key message that “Thailand intends to reduce its greenhouse gas emissions by 30 percent from the projected business-as-usual (BAU) level by 2030 and the level of contribution could be increased up to 40 percent subject to adequate and enhanced access to technology development and transfer, financial resources and capacity building support.” At the 26th UN Climate Change Conference of the Parties (COP26), held from October 31 to November 12, 2021 in Glasgow, United Kingdom, General Prayut Chan-ocha, Prime Minister, delivered a statement to the meeting emphasizing on Thailand’s highest intention to solve climate change problems in collaboration with the global community. Thailand will achieve its carbon neutrality target by 2050 and achieve net zero greenhouse gas emissions by or before 2065 with full and fair financial, technical assistance and capacity building through international cooperation and mechanisms under the UNFCCC, Thailand will be able to raise its NDC level to 40 percent, bringing Thailand's net greenhouse gas emissions down to zero by 2050.

GHG emission reduction mechanism is a tool to support the development of greenhouse gas emission reduction projects. UNFCCC has initiated an international crediting mechanism under the Kyoto Protocol called the Clean Development Mechanism (CDM). At current stage, crediting mechanism under the Article 6 of Paris Agreement is being developed. There are also other international voluntary crediting mechanisms implemented by private sector, such as Verified Carbon Standard (VCS), Gold Standard (GS) or bilateral crediting mechanism such as the Joint Crediting Mechanism (JCM) between the government of Japan and participating parties or domestic crediting mechanisms such as the Australian Government’s Carbon Farming Initiative. Under the initiative, various departments can purchase carbon credits from crediting mechanisms and utilize, for example, to meet mandated emission reduction targets, and to demonstrate social responsibilities through carbon offsetting.

Thailand Greenhouse Gas Management Organization (Public Organization) or TGO, as an agency responsible for promoting Thailand's greenhouse gas management, has developed the "Thailand Voluntary Emission Reduction Program" or “T-VER Program” as a voluntary crediting mechanism that supports the voluntary reduction of greenhouse gas emissions in Thailand. The Project participants can sell greenhouse gas emission reductions units known as "carbon credits" generated from the T-VER projects to buyers for offsetting carbon footprint of organization/product/event/individual or reporting in sustainability or annual report.

The current climate change situation causes more demand on high quality carbon credits that contributes to the achievement of NDCs and the Paris Agreement targets, either

through the voluntary market or the compliance market. Therefore, TGO has upgraded the **standard of the T-VER project to be consistent and equivalent to international standards**, and make Premium T-VER project as

1. Supporter for Thailand in achieving its NDC target more effectively
2. Contributor towards more sustainable development in Thailand
3. Facilitator to being more accepted by buyers at domestic and abroad
4. Consistent supporter for the global communities to meet the mitigation targets according to the Paris Agreement

“ **Guideline for Premium Thailand Voluntary Emission Reduction Program (Premium T-VER) (Version 4.0)**” is a guideline that has elevated the standards of the T-VER project in consistency with and equivalent to international standards. This document will be used as a guideline for entrepreneurs and organizations in the development of a Premium T-VER project. The contents range from project development criteria and procedures, Premium T-VER project development, methodology, project registration, GHG certification, validation and verification to enable registered projects to reduce greenhouse gas emissions and support sustainable development that lead to the reduction of the country's greenhouse gas emissions and the development of a green economy and low carbon society.

Table of Contents

	Page
1. Objective and basic principles	5
2. Definitions	7
3. Characteristics and eligibility criteria for participating activities	12
4. Premium T-VER program management structure	17
5. Development of Premium T-VER Methodology	18
6. Development of Premium T-VER project	20
6.1 Premium T-VER project registration	20
6.2 Issuance of carbon credits	26
7. Greenhouse gas reporting for Premium T-VER project	30
8. Validation and verification	31
9. Renewal of crediting period	31
10. Post-registration change	32
10.1 Type of changes	33
10.2 Re-validation Process	34
10.3 Request for deviation	35
11. Monitoring by TGO	35
11.1 Objective of monitoring by TGO	35
11.2 Procedures of monitoring	35
12. Revoke or withdrawal of registered project	38
13. Fee schedule	38
14. Disclosure of information	38
15. Keeping of project information and relevant documents	38
16. Channels for documents submission to TGO	39
17. Procedures for opening an account in registry	39
18. Issuance of Certificate for registered project and the issuance of carbon credits	39
19. Review of this guideline	39

Appendix

Roles and Responsibilities of relevant stakeholder

1. Objective and basic principles

Topic	Description
1. Objective	To provide procedures for Premium T-VER project registration, carbon credits issuance, and guideline for project development in consistence with international standards
2. Scope	To be used as a guideline for Premium T-VER project development
3. Basic Principles	<p>In order to ensure that the carbon credits are of high quality, six basic principles shall be considered in the planning and implementing of Premium T- VER projects including calculation, monitoring and verification of GHG emission reductions for creating confidence in the quality of Premium T-VER carbon credits. The six principles consist of:</p> <ol style="list-style-type: none"> 1) Relevance means that the selection of GHG sources, GHG sinks, GHG reservoirs, data and methodologies are appropriate to the needs of the intended users and reflects GHG emission reductions occurred within the project boundary or related to the project. 2) Completeness means that all relevant GHG emissions and removals and information to support the criteria and procedure are included. 3) Consistency means that data collections and calculations of GHG emission reductions shall enable meaningful comparisons with GHG related information 4) Accuracy means that data collections and calculations of GHG emission reduction are correct, credible, and acceptable in order to reduce biases and uncertainties as far as is practical. 5) Transparency means that sufficient, appropriate and verifiable GHG-related information is disclosed in order to allow intended users to make decisions with reasonable confidence. 6) Conservativeness means that conservative assumptions, values and procedures shall be used in order to ensure that GHG emission reductions or removal enhancements are not over-estimated.
4. Insurance of the carbon credit credibility from	<ol style="list-style-type: none"> 1) Implementation framework of Premium T-VER project is consistent with ISO 14064-2 standard. 2) Project validation and verification framework of greenhouse gas emissions are consistent with ISO 14064-3:2019.

Topic	Description
Premium T-VER project	3) The Validation and Verification Body (VVB) is a juristic person that possesses qualifications as specified by the Board of Directors of TGO and is registered with TGO.
5. Level of Assurance	The confidence level of a statement is used for defining depth of data and designing validation/verification plan taking into account potential errors, omissions, and inaccurate presentations. TGO determines the level of assurance for validation and verification of the T-VER project at a reasonable level of assurance.
6. Materiality	Data inconsistency causes inaccuracy in the GHG assessment results and affects the intended user. Data inconsistency criteria shall not exceed 5 percent of the total amount of GHG emission reduction.

2. Definitions

Topic	Definition
greenhouse gas (GHG)	Natural and anthropogenic gaseous constituents in the atmosphere that absorb and emit infrared radiations at specific wavelengths within the spectrum of infrared radiation from the Earth's surface, the atmosphere and clouds.
greenhouse gas emission reduction	Reduction, removal, capture and storage of GHG
Global Warming Potential: GWP	The potential for each GHG to cause global warming varies depending on its heat radiation efficiency and the lifetime it stays in the atmosphere. Hence, GWP is the normalized value of the global warming impact of one mass unit of a given GHG relative to an equivalent unit of carbon dioxide over a given time period. The value of GWP is referred from the IPCC Fifth Assessment Report (AR5).
greenhouse gas source	Physical unit or process that releases a GHG into the atmosphere
greenhouse gas sink or reservoir	Physical unit, process, or components of the biosphere, geosphere, or hydrosphere with the capability to capture and store atmospheric GHG thereby removing it from the atmosphere.
Premium Thailand Voluntary Emission Reduction Program: Premium T-VER	A T- VER program that project participant voluntarily participates to reduce GHG emission following the standard that aligns with requirements of Article 6 of the Paris Agreement. The program is called “ Premium T-VER ”
Joint Crediting Mechanism track under Premium T-VER	Joint Crediting Mechanism (JCM) project which is registered and issued its credits in accordance with the criteria of Premium T-VER.
single project	A Premium T- VER Project with GHG emission reduction activities in one location.
Bundling Project	A Premium T-VER project with the same type of GHG emission reduction activities in several locations and has the same crediting start date and crediting period for all locations.
Program of Activities: PoA	A Premium T-VER project with the same type of GHG emission reduction activities in several locations. Project activities must be carried out as a group under the programme framework. Submission of an application requested for registration for

Topic	Definition
	each group can be done within the crediting period of the PoA as approved by the Board of Directors of TGO. Crediting period of each group can be identified differently.
Component Project Activities: CPA	Group of same type of GHG emission reduction activities under PoA. The activities can be located at several locations.
Project participant	A person who develops a Premium T-VER project and is responsible for the project development process such as preparing Project Design Document (PDD) and other documents for request for project registration, opening TCERs accounts, preparing documents for request for credits issuance. The person may be the project owner.
Project Owner	A person who has ownership of project assets such as factories, machinery, and land; who is the owner of the carbon credits. Project owner can enter into a Carbon Credit Ownership Agreement with the project participant in case the project participant and the project owner are different people.
Validation and Verification Body: VVB	A juristic person registered by the Board of Directors of TGO to be an external validator/verifier for the Premium T-VER project under the regulations set by TGO. The VVB has the responsibility to validate the voluntary project and verify the amount of GHG emission reductions of the project in accordance with the criteria, procedures and conditions set by TGO.
Program administering organization	Thailand Greenhouse Gas Management Organization (Public Organization) or TGO is responsible for registration of the Premium T- VER project, issuance of carbon credits and management of the Premium T-VER scheme.
Additionality	A project activity is additional if the project participants can demonstrate that GHG emission are reduced below those that would have occurred in the absence of the project activity or business as usual (BAU). Demonstration of additionality shall be done following the guideline set by TGO.
Technology Positive List	A list of GHG emission reduction technologies that are advanced and/or cost more than conventional technologies or is still not widely used and/or has restrictions on use as specified by TGO. A Premium T-VER project that complies to

Topic	Definition
	at least one of the listed technologies will qualify for additionality.
T-VER Methodology	Specification of applicable activities, project conditions and method for calculating GHG reductions/ removals of the Premium T-VER project according to the project type specified by the Board of Directors of TGO as recommended by the Subcommittee on Consideration of GHG Mitigation Projects and Activities.
Baseline Emission	GHG emissions that would have occurred in the absence of the project activity, and shall be below business as usual (BAU) except for project type number 13.
Project Emission	GHG emissions from activities within the project boundary
Leakage Emission	GHG emissions that occur outside the project boundary as a result of project activities.
Carbon Credit	The amount of GHG emission reduced or removed from the operation of the Premium T-VER project approved by TGO. Carbon credits can be used for exchange or trading. Its unit is “ton carbon dioxide equivalent (tCO ₂ eq)”.
CORSIA Eligible Emissions Units	Carbon credits which the aeroplane operators operating international flights can use for offsetting emissions as set by International Civil Aviation Organization (ICAO).
International objective	Use of carbon credits from a project located in Thailand, to demonstrate the results of the implementation or the achievement of a GHG emission reduction target by the country or any other party to a treaty or an international agreement, or a non-State person under the requirements of an international organization or an agreement to which Thailand is a party, or as determined by Thailand for any other purposes according to the guidelines adopted by the Conference of the Parties, which requires authorization by virtue of Article 6.3 of the Paris Agreement.
Sustainable Development Goals: SDGs	The United Nations has adopted the Sustainable Development Goals. There are a total of 17 goals, divided into 5 five major categories: People, Prosperity, Planet, Peace and Partnership.

Topic	Definition
Safeguards	Possible negative impacts of the project shall be assessed and mitigation measures shall be proposed to prevent negative impacts of the project (Do-no-net-Harm).
Non-permanence risk	The risk of carbon loss or stored GHG releasing back to the atmosphere as due to the non-permanency of project type number 13 (Reduction, absorption and removal of GHG from the forestry and agriculture sectors) and some project type number 14 (Capture, storage, and/or, utilization of GHG). The non-permanence risks from project type number 13 may include project mismanagement, land owner changes, forest fires, pest outbreaks, and natural disasters.
Modality of Communication: MoC	A document informing the name of the main coordinator (Focal point), project participants, project name and project location, it is signed by every project participant.
Project Idea Note: PIN	A document with details of project, project location, project participants, focal point entity and signed by the project participant who will request for project registration and issuance of carbon credit under Premium T-VER.
Project Design Document: PDD	The document validated by the Validation and Verification Body (VVB) containing information on the project's activities and the baseline/monitoring methodology. The document shall be prepared by the project participants and submitted as a part of Premium T-VER project registration request to TGO.
SD & Safeguards Assessment Report	A report containing information on: how the project activities supports the Sustainable Development Goals (SDGs), consideration of rights in accordance with laws/regulations and the negative impact assessment according to laws/regulations. The level of negative impact of the project shall be identified and mitigation measures shall be proposed in order to avoid negative impacts of the project (Do-no-net-harm). The Report shall be reviewed and approved by TGO.
Validation	A systematic, independent and documented process for the evaluation of a GHG assertion in a GHG project plan and GHG calculation in Project Design Document (PDD) against agreed Premium T-VER project validation criteria and in accordance with ISO 14064-3:2019, validation is performed by Validation and Verification Body (VVB).

Topic	Definition
Validation Report	A report issued by the Validation and Verification Body (VVB) to the project participants after completion of the validation process to certify the GHG emission reduction project as meeting the Premium T- VER project registration criteria specified by TGO.
Monitoring	Activities in which the project participants continuously/ periodically collect and manage GHG emission reduction data direct or indirectly.
Monitoring Report: MR	A follow-up report prepared by the project participants after the project has been registered and operated. The project participants shall submit the verified monitoring report at the time of request for credit issuance.
SD & Safeguards Monitoring Report	A follow-up report prepared by the project participants after the project has been registered and operated. The report shall contain information regarding the project’s activities that support the Sustainable Development Goals (SDGs) and actions for preventing negative impact in accordance with the guidelines set by TGO. The report shall be reviewed and approved by TGO.
Non-permanence Risk Report	A follow-up report prepared by the project participants after the project has been registered and operated. The report contains the monitoring result of the non-permanence risk in accordance with the guidelines set by TGO and shall be verified by the Validation and Verification Body (VVB).
Verification	The systematic, independent and documented process for evaluating GHG assertion against agreed verification criteria and conformed to ISO 14064-3:2019.
Verification Report	A document issued by the Validation and Verification Body (VVB) to the project participants after completing the verification process and in accordance with the guidelines set by TGO.
Monitoring by TGO	After project registration, TGO officers or persons assigned by TGO shall annually monitor the project’s implementation throughout the project’s crediting period.
Buffer Credit	Carbon credit deposited into the pooled buffer account as collateral for the risk of non- permanence in the implementation of project type number 13 (except reducing Methane or Nitrous oxide from agriculture) and number 14.

3. Characteristics and eligibility criteria for participating activities

Topic	Description
1) Project type	<p>Projects that can participate in the Premium T-VER program must fall under the following project types:</p> <ol style="list-style-type: none"> 1. Renewable energy or fossil fuel 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 <p>*Based on “Carbon Credit Management Guideline and Mechanism” approved by the National Committee on Climate Change Policy on 16 March 2022.</p>
2) Types of greenhouse gases	<p>The Premium T-VER program will cover 7 types of GHGs:</p> <ol style="list-style-type: none"> 1. Carbon Dioxide (CO₂) 2. Methane (CH₄) 3. Nitrous oxide (N₂O) 4. Hydrofluorocarbon (HFC) 5. Perfluorocarbon (PFC) 6. Sulfur hexafluoride (SF₆) 7. Nitrogen trifluoride (NF₃)

Topic	Description																					
3) Project size	<p>The project size is categorized by the amount of expected GHG reductions/removal or capacity of the project as listed in the table below:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="background-color: #D3D3D3;">Activity</th> <th colspan="3" style="background-color: #D3D3D3;">Size of Premium T-VER Project</th> </tr> <tr> <th style="background-color: #D3D3D3;">Micro scale</th> <th style="background-color: #D3D3D3;">Small scale</th> <th style="background-color: #D3D3D3;">Large scale</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">GHG emission reduction in the forestry and agriculture sector</td> <td style="text-align: center;">Reduce total GHG emissions by no more than 1,000 tCO₂eq/y</td> <td style="text-align: center;">Reduce total GHG emissions by more than 1,000 but no more than 16,000 tCO₂eq/y</td> <td style="text-align: center;">Reduce total GHG emissions by more than 16,000 tCO₂eq/y</td> </tr> <tr> <td rowspan="3" style="text-align: center;">GHG emission reduction in other sectors</td> <td style="text-align: center;">Reduce total GHG emissions by no more than 20,000 tCO₂eq/y</td> <td style="text-align: center;">Reduce total GHG emissions by more than 20,000 but no more than 60,000 tCO₂eq/y</td> <td style="text-align: center;">Reduce total GHG emissions by more than 60,000 tCO₂eq/y</td> </tr> <tr> <td style="text-align: center;">Generation of renewable energy up to 5 MW</td> <td style="text-align: center;">Generation of renewable energy more than 5 MW but not more than 15 MW</td> <td style="text-align: center;">Generation of Renewable energy more than 15 MW</td> </tr> <tr> <td style="text-align: center;">Reduce energy consumption not more than 20 GWh</td> <td style="text-align: center;">Reduce energy consumption more than 20 GWh but not more than 60 GWh</td> <td style="text-align: center;">Reduce energy consumption more than 60 GWh</td> </tr> </tbody> </table>	Activity	Size of Premium T-VER Project			Micro scale	Small scale	Large scale	GHG emission reduction in the forestry and agriculture sector	Reduce total GHG emissions by no more than 1,000 tCO ₂ eq/y	Reduce total GHG emissions by more than 1,000 but no more than 16,000 tCO ₂ eq/y	Reduce total GHG emissions by more than 16,000 tCO ₂ eq/y	GHG emission reduction in other sectors	Reduce total GHG emissions by no more than 20,000 tCO ₂ eq/y	Reduce total GHG emissions by more than 20,000 but no more than 60,000 tCO ₂ eq/y	Reduce total GHG emissions by more than 60,000 tCO ₂ eq/y	Generation of renewable energy up to 5 MW	Generation of renewable energy more than 5 MW but not more than 15 MW	Generation of Renewable energy more than 15 MW	Reduce energy consumption not more than 20 GWh	Reduce energy consumption more than 20 GWh but not more than 60 GWh	Reduce energy consumption more than 60 GWh
Activity	Size of Premium T-VER Project																					
	Micro scale	Small scale	Large scale																			
GHG emission reduction in the forestry and agriculture sector	Reduce total GHG emissions by no more than 1,000 tCO ₂ eq/y	Reduce total GHG emissions by more than 1,000 but no more than 16,000 tCO ₂ eq/y	Reduce total GHG emissions by more than 16,000 tCO ₂ eq/y																			
GHG emission reduction in other sectors	Reduce total GHG emissions by no more than 20,000 tCO ₂ eq/y	Reduce total GHG emissions by more than 20,000 but no more than 60,000 tCO ₂ eq/y	Reduce total GHG emissions by more than 60,000 tCO ₂ eq/y																			
	Generation of renewable energy up to 5 MW	Generation of renewable energy more than 5 MW but not more than 15 MW	Generation of Renewable energy more than 15 MW																			
	Reduce energy consumption not more than 20 GWh	Reduce energy consumption more than 20 GWh but not more than 60 GWh	Reduce energy consumption more than 60 GWh																			
4) Project model	<p>Development of the Premium T-VER project can be categorized into 3 models as follows:</p> <p>1) Single Project is a project that carries out GHG emission reduction activities in one location.</p> <p>2) Bundling Project is a project that carries out the same type of GHG emission reduction activities in several locations with the following requirements:</p> <ul style="list-style-type: none"> - The crediting period of all activities shall be the same. - Details of every activity must be specified in the Project Design Document (PDD). 																					

Topic	Description
4) Project model (continued)	<ul style="list-style-type: none"> - The size of each activity shall not be a large-scale project. 3) Programme of Activities (PoA) <ul style="list-style-type: none"> - The total amount of expected GHG emission reductions/removals of all Component Project Activities (CPA) shall not be a large-scale project. - The size of each CPA shall be a micro-scale project. * Validation is not required for the inclusion of CPA.
5) Project characteristics	<p>Any project that can be registered as a Premium T-VER project shall have the following characteristics:</p> <ol style="list-style-type: none"> 1) The project is located in Thailand. 2) The amount of GHG emission reductions of the project activities can really be measured. 3) Reduction of GHG emissions or removals shall be permanent and additional to those that would have occurred in the absence of the project activity or business as usual (BAU). 4) No double counting is allowed. 5) Project activities shall foster sustainable development. 6) Project activities shall not negatively impact the natural environment or local communities and do no net harm.
6) Project conditions	<p>The project participants shall start the Premium T-VER project development before the project start date, and</p> <ul style="list-style-type: none"> - Project type number 1-12 shall request for registration within 3 years counting from the project start date. - Project type number 13 and Project type number 14 shall request for registration within 5 years counting from project start date - Project type number 15 shall follow the condition specified by the Board of Directors of TGO.
7) Project start date	<p>The project start date shall be as set in the applied methodology.</p>
8) Registration Date	<p>The date that the Board of Directors of TGO approved the request for registration of the Premium T-VER project.</p>
9) Crediting start date	<p>The next day after the project registration date. TGO will inform the registration date in the notification of the Premium T-VER project registration result. For Project type number 13, the crediting start date is same day as the project start date.</p>

Topic	Description												
10) Crediting Period	<p>Crediting Periods of single and bundling project, PoA and CPA are as follows:</p> <table border="1" data-bbox="512 331 1353 898"> <thead> <tr> <th data-bbox="512 331 794 488">Project type</th> <th data-bbox="794 331 1054 488">Crediting period of single and bundling project and CPA (year)</th> <th data-bbox="1054 331 1353 488">Crediting period of PoA (year)</th> </tr> </thead> <tbody> <tr> <td data-bbox="512 488 794 685">Number 1-12 and some 13 that only reduce Methane or Nitrous oxide from agriculture</td> <td data-bbox="794 488 1054 685">5</td> <td data-bbox="1054 488 1353 685">20</td> </tr> <tr> <td data-bbox="512 685 794 842">Number 13 and 14</td> <td data-bbox="794 685 1054 842">15 Unless specified in the applied methodology</td> <td data-bbox="1054 685 1353 842">60</td> </tr> <tr> <td data-bbox="512 842 794 898">Number 15</td> <td colspan="2" data-bbox="794 842 1353 898">as specified by the Board of Directors of TGO</td> </tr> </tbody> </table>	Project type	Crediting period of single and bundling project and CPA (year)	Crediting period of PoA (year)	Number 1-12 and some 13 that only reduce Methane or Nitrous oxide from agriculture	5	20	Number 13 and 14	15 Unless specified in the applied methodology	60	Number 15	as specified by the Board of Directors of TGO	
Project type	Crediting period of single and bundling project and CPA (year)	Crediting period of PoA (year)											
Number 1-12 and some 13 that only reduce Methane or Nitrous oxide from agriculture	5	20											
Number 13 and 14	15 Unless specified in the applied methodology	60											
Number 15	as specified by the Board of Directors of TGO												
11) Renewal of crediting period	<p>The project participant can request for crediting period renewal for 2 times by submitting the request for renewal of crediting period to TGO within 60- 180 days before the end of crediting period and submitting the required documents for consideration to TGO within 1 year after the end of crediting period.</p>												
12) Additionality	<p>The project participants shall demonstrate the additionality of the project activities following the “ Guideline for demonstration of additionality” approved by the Board of Directors of TGO.</p>												
13) Local Stakeholder Consultation	<p>The project participants shall conduct a local stakeholder consultation according to TGO’s guideline in order to engage all stakeholders. The consultation is to obtain stakeholder opinions by disseminating the project information, arranging a meeting, or promoting communication with the local people through various channels. A summary of the meeting results and comments shall be presented in the draft of the Project Design Document (PDD) for submission to TGO, whereby a VVB will review the comments received and response actions during the validation process.</p>												
14) Modality of communication: MoC with TGO	<p>Before starting Premium T-VER project development, the project participants shall submit a Modality of communication (MoC) or Project Idea Note (PIN) to TGO stating the name of focal point entity, project participants, project name and project location(s) with the</p>												

Topic	Description
	signatures of authorized signatory of all project participants in order to inform TGO on the project development, and contact point.
15) SD & Safeguards Assessment	The project shall contribute to Sustainable Development Goals in more than two areas and be managed to avoid negative impacts.
16) Public Hearing	TGO will make the draft Project Design Document (PDD) publicly available for public comments through the TGO website. The VVB will consider the public comments to check the relevance of the comments during the validation process. TGO will use the feedback received in the review of the SD & Safeguards assessment report.
17) Validation and Verification	The Project Design Document (PDD) shall be validated and the monitoring report shall be verified by the Validation and Verification Body (VVB). The VVB must be registered with TGO.
18) Double counting and double use	<p>The Premium T-VER project shall be operationalized in a way to prevent double counting/use as follows:</p> <p>18.1 Preventing double counting from request for credits issuance</p> <ol style="list-style-type: none"> 1) The project participants and project implementers shall not request for credits issuance from activities in the “ same project boundary” from other GHG emission reduction program. 2) In case that there is other project implemented in the same area owned by the same juristic person/individual but registered with other GHG emission reduction program or certification system, the project participants shall address the details in Project Design Document (PDD) under the section of double counting. <p>18.2 Preventing double counting from reporting or declaring voluntary GHG emission reduction performance</p> <p>After the carbon credits has been transferred to another juristic person/individual, the project participants and project operators are not be able to claim the right over the carbon credits.</p> <p>18.3 Prevention double counting from Renewable Energy Certificate (REC) certification</p> <p>In the case of a project that produces electricity from renewable energy and a Renewable Energy Certificate (REC) was issued. Carbon credits from the project activity during the same period as the REC certificate can not be issued.</p>

4. Premium T-VER program management structure

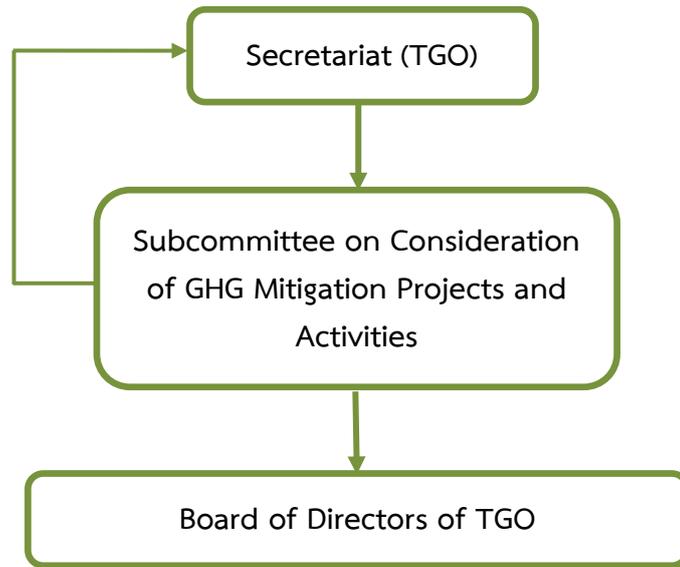


Figure 4-1 T-VER Project administrative structure

Topic	Description
1. Implementation framework	<p>The Premium T-VER program is managed by Thailand Greenhouse Gas Management Organization (Public Organization) or TGO, under the supervision of the following body:</p> <ol style="list-style-type: none"> 1) Board of Directors of TGO 2) Subcommittee on Consideration of GHG Mitigation Projects and Activities
2. Board of Directors of TGO	<p>The role and responsibilities of the Board of Directors of TGO are in accordance with the Royal Decree establishing the Thailand Greenhouse Gas Management Organization (Public Organization) B. E. 2550 as amended by the Royal Decree establishing the Thailand Greenhouse Gas Management Organization (Public Organization) (No. 2) B.E. 2562</p>
3. Subcommittee on Consideration of GHG Mitigation Projects and Activities	<p><u>1. Tasks of the subcommittee</u></p> <ol style="list-style-type: none"> 1) Make recommendations to the Board of Directors of TGO on the assessment of requests of project registration and credits issuance done by the secretariat according to the standard set by TGO.

Topic	Description
	<p>2) Make recommendations to the Board of Directors of TGO on criteria of project registration, credits issuances and Validation and Verification Body (VVB) registration.</p> <p>3) Approve the proposed or revise the Premium T- VER methodologies/ tools/ emission factors or cancel the approved methodologies/ tools/ emission factors The decisions made by the subcommittee shall be notified to the Board of Directors of TGO.</p> <p>4) Make recommendations to the Board of Directors of TGO on the registration, suspension, and revocation of Validation and Verification Body (VVB).</p> <p>5) Undertake any other tasks as instructed by the Board of Directors of TGO.</p> <p><u>Membership</u> Comprised of experts, academics, both from the government sector, educational institutions, NGOs and others as the Board of Directors of TGO deems appropriate.</p>

5. Development of Premium T-VER Methodology

A Premium T-VER Methodology may be proposed by TGO officials or other entities. The procedure for approval of a methodology is as follows:

- 1) TGO officials or other entities prepare a proposed methodology using the form specified by TGO.
- 2) In the case of the proposed methodology is drafted by other entity, the proposed methodology shall be sent to TGO, specifying the contact address, phone number and e-mail.
- 3) TGO as a secretariat, determines whether the proposed methodology is complete and communicates the result to the methodology proponent within 10 working days from the date of the receipt of the submission.
- 4) The proposed methodology that satisfies the completeness check shall be reviewed by external experts. TGO could invite the methodology proponent to answer questions as deemed appropriate. At the same time, TGO makes the proposed methodology publicly available for public comments through the website for 30 calendar days.
- 5) TGO may revise the proposed methodology according to the comments from external experts and public.
- 6) Subcommittee on Consideration of GHG Mitigation Projects and Activities considers the proposed methodology. In case that the subcommittee does not approve the proposed

methodology, TGO may ask the external experts to review the proposed methodology with more input from the methodology proponent. TGO revises the proposed methodology according to the received comments and then propose to the subcommittee for reconsideration.

- 7) The approved methodology shall be presented to the Board of Directors of TGO.
- 8) TGO notifies the result of the consideration to the methodology proponent.

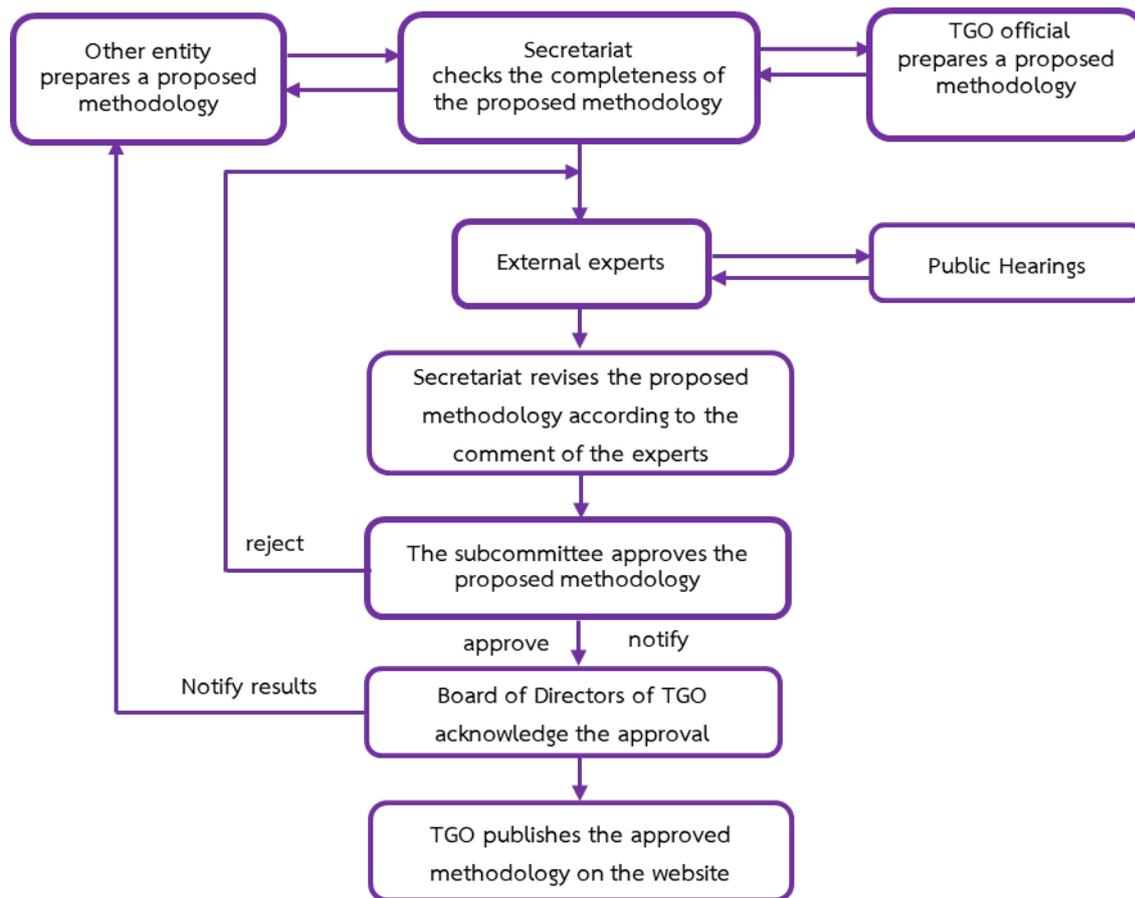


Figure 5-1 Procedures for Premium T-VER methodology development

PDD of a proposed project under the validation process shall not be based on a previous version of a methodology whose validity has expired more than 180 calendar days.

In the case that TGO announces a new version of methodology, the previous version is still valid for 180 days since the announcement date. Project participant shall submit request for registration to TGO within this period.

TGO will re-evaluate the baseline setting including assumptions, baseline scenario identification and monitoring methods of the approved Premium T-VER methodologies and also emission and other country-specific default values regarding national circumstance and CDM/Article 6.4 approved methodologies every 3 years.

6. Development of Premium T-VER Project

Project participant shall submit the Modality of Communication (MoC), in the form prescribed by TGO. In the case of JCM track under Premium T-VER, Project Idea Note (PIN) shall be submitted to TGO before the project starting date. Project participant shall conduct local stakeholder consultation to share the project information and receive inputs or comments from relevant stakeholders through various communication ways. The result shall be summarized and added in the first draft of Project Design Document (PDD) which is submitted to TGO. TGO will make the draft PDD publicly available and call for public input. Validation and Verification Body shall examine the comments/inputs received and feedback of the project participant during the validation process.

Premium T-VER project development cycle consists of two main steps namely (1) Premium T-VER project registration process and (2) credits issuance process. The project participants shall prepare all required documents and submit the request and documents to TGO in order to request for registration or credits issuance. Premium T-VER project development cycle is shown in Figure 6-1

6.1 Premium T-VER project registration

In order to request for registration, the project participants shall prepare all required documents correctly and completely. The forms can be downloaded from the website <https://ghgreduction.tgo.or.th/en/premium-t-ver-download/172-premium-t-ver-download-form.html>. The Project Design Document (PDD) shall be validated by a Validation and Verification Body (VVB). The project participants shall receive a validation report from the VVB. In addition, the project participants shall prepare the SD & Safeguards Assessment Report which shall be reviewed by TGO. The final version of the PDD and SD & Safeguards Assessment Report shall be used for requesting for Premium T-VER project registration.

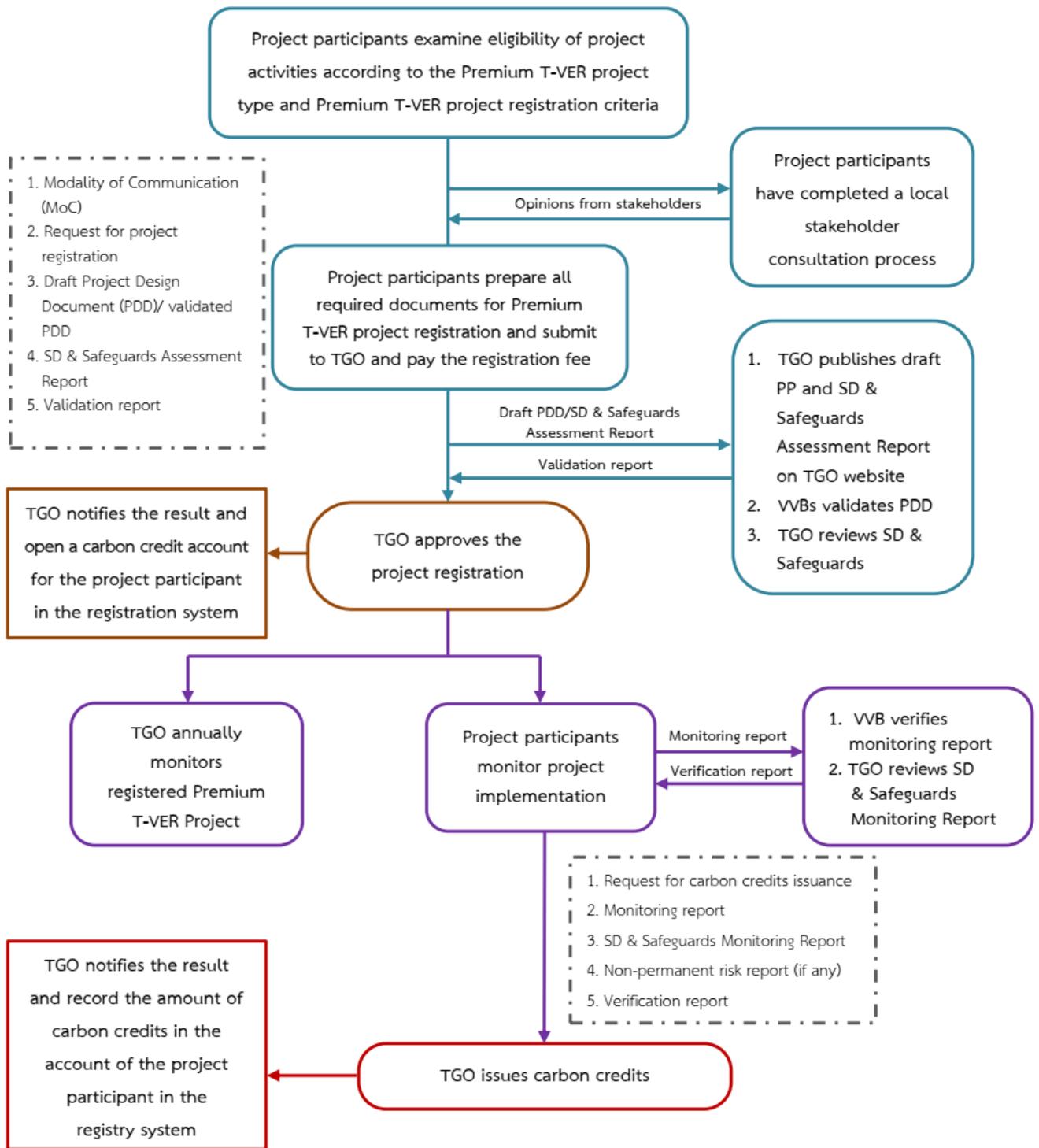


Figure 6-1 Premium T-VER project development cycle

6.1.1 Premium T-VER project registration process

The Premium T-VER registration process is shown in Figure 6-2 and details are as follows:

- 1) The project participants examine eligibility of project activities according to the Premium T-VER project type and project registration criteria.
- 2) The project participants submit a “Modality of communication (MoC) or Project Idea Note (PIN)” to TGO informing their intention to develop Premium T-VER projects.
- 3) The project participants have completed a local stakeholder consultation process in accordance with the guideline set by TGO.
- 4) The project participants prepare a draft Project Design Document (PDD), and a draft SD & Safeguards Assessment Report.
- 5) The project participants submit a draft PDD and a SD & Safeguards Assessment Report to TGO and pay the registration fee.
- 6) TGO publishes received documents in item 5) on the TGO website for 30 calendar days for public comments.
- 7) The Validation and Verification Bodies (VVBs) use the comments received to perform validation of the draft PDD and send the validation report to the project participants.
- 8) TGO uses the received comments to review the SD & Safeguards Assessment Report, and asks the project participants to revise the report (if any).
- 9) The project participants submit a request for registration and all required documents to TGO.
- 10) Upon receiving the registration request, TGO conducts a completeness check and notifies the project participants of the result within 15 working days after the date on which the secretariat found the incompleteness, incorrect or non-compliance documents and data. The project participants shall revise and re-submit the documents and evidence within 15 working days from the date of the receipt of the notification from TGO. The re-submission date on which the documents and evidences are deemed complete is recognized as the date of receipt of the request.

In case that the project participants do not re-submit documents and evidences before the deadline/designated date, TGO has rights to revoke the registration request and return the project documents to the project participants.
- 11) TGO reviews the correctness of the documents and the materiality of the project by considering whether it complies with the Premium T-VER project registration criteria. TGO may notify the project participants to correct the documents or send additional information. TGO may conduct an on-site visit as deemed necessary.
- 12) If the request for registration meet the requirements of the completeness check, TGO proposes the project to the Subcommittee on Consideration of GHG Mitigation Projects and Activities within 30 working days of receipt of the request. If the subcommittee agrees, the project will be proposed to the Board of Directors of TGO for approval.

- 13) The Board of Directors of TGO shall make a decision on the request within 60 working days of receipt of the request. The meeting date is recognized as the project registration date.
- 14) TGO notifies the project participants of the registration and informs them to open an account in the registry system.

Processing and consideration of request for registration shall be in accordance with the regulations set by TGO.

Table 6-1 List of required documents that shall be submitted with the request for registration for single or bundling project

Document	Prepared by		Number of copy
	Project participant	Validation & Verification Body	
1. Request for registration for Premium T-VER for single or bundling project	✓	-	1
2. Validated Project Design Document	✓	-	1
3. Validation Report	-	✓	1
4. Sustainable Development and Safeguards Assessment Report	✓	-	1
- Environmental Impact Assessment (EIA) <i>(if any)</i> - Initial Environmental Examination (IEE) <i>(if any)</i> - Environmental and Safety Assessment Report (ESA) <i>(if any)</i> - Code of Practice (CoP) <i>(if any)</i>	✓	-	1
5. Copy of certificate of registration of a juristic person or a juristic partnership, the business license under the foreign businesses law, the letter demonstrating establishment of a body of persons or group fo person, and/ or the evidence of establishment of an organization or agency under the law. In the case of a natural person, national identification card or passport, or any other authentication method provided or accepted by TGO. (all project participants)	✓	-	1
6. Spreadsheet showing details of calculations of GHG emission reduction (Excel file)	✓	-	1
7. Data storage device with all required documents files (only in the case of submission by post or at TGO office)	✓	-	1
8. All required documents for opening of an account in the carbon credit registry system in accordance with the Regulation of the Board of Directors of TGO re: rules for registration of purchases, sales, and transferes of carbon credits	✓	-	1

Document	Prepared by		Number of copy
	Project participant	Validation & Verification Body	
9. Contract arranging legal ownership of carbon credits (in case that project developer/participant is not the project's owner)	✓	-	1
10. Letter of Authorization issued by the Department of Climate Change and Environment (only in the case that carbon credits are used for an international objective)	✓	-	1

6.1.2 Premium T-VER project registration criteria

- 1) The project activities shall not go against to relevant laws or regulations. It must be a voluntary action to reduce GHG emissions in addition to the law.
- 2) The project activities shall be in line with this guideline (Guideline for Premium Thailand Voluntary Emission Reduction Program: Premium T-VER).
- 3) The project participants shall hold a local stakeholder consultation meeting to hear opinions from stakeholders and the draft Project Design Document (PDD) and SD & Safeguards Assessment Report were published for public comments.
- 4) The project activities do not cause negative impacts or have a mitigation plan to avoid negative impacts and contribute to at least two additional Sustainable Development Goals (SDGs) in addition to addressing climate change (SDG13: Climate Action).
- 5) The project activities are additional to any that would occur in the absence of the project according to the criteria set by TGO.
- 6) The project activities shall meet eligibility criteria specified in the Premium T-VER Methodology set by TGO.
- 7) The project participants shall calculate greenhouse gas emission reductions of the project following the applied Premium T-VER Methodology.
- 8) The project participants shall conduct monitoring and reporting on the GHG reduction activities following the applied Premium T-VER Methodology.
- 9) The PDD are validated by the Validation and Verification Body (VVB) registered with TGO, except for the second Component Project Activities (CPA) onwards.

Project Registration Process

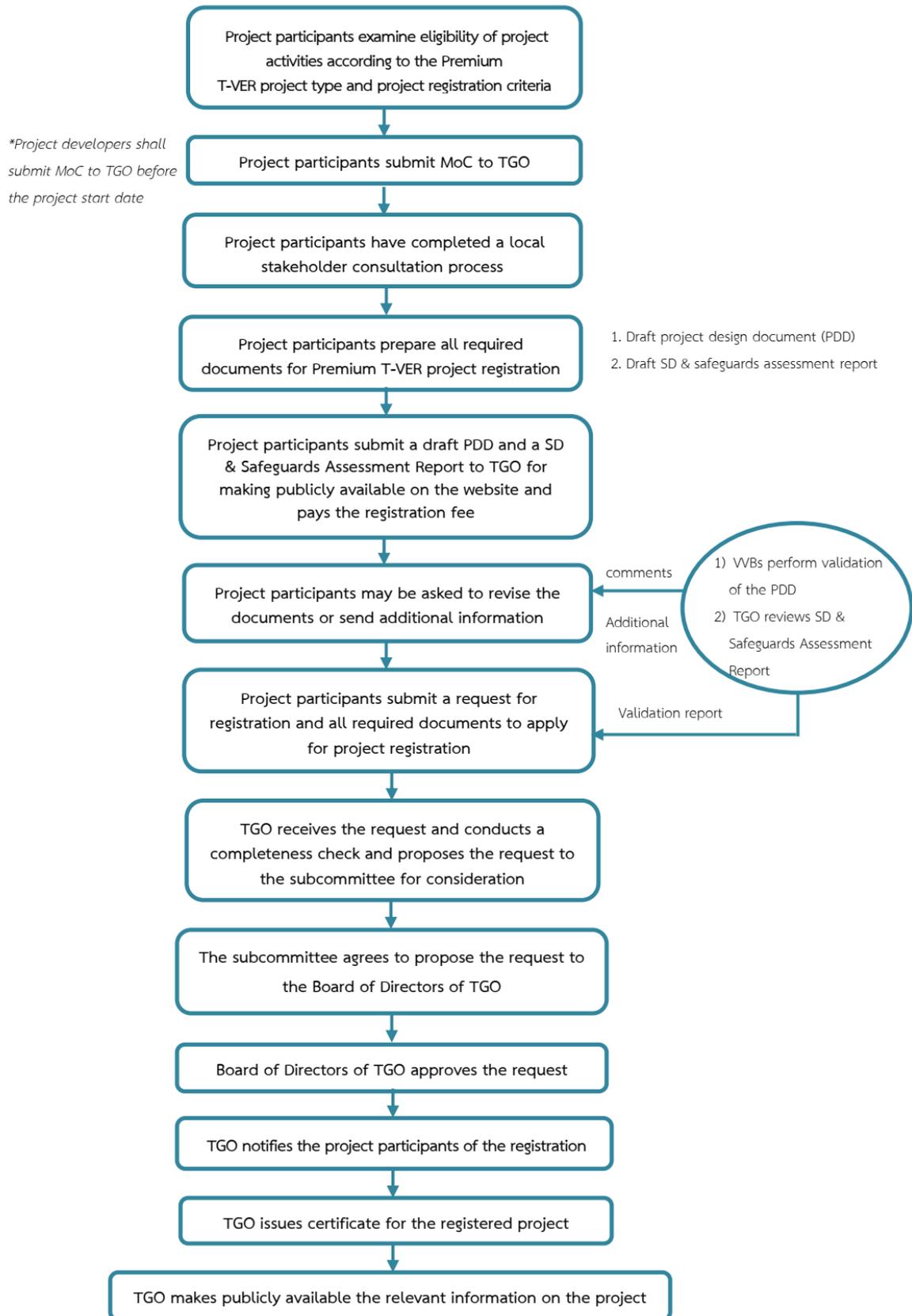


Figure 6-2 Project registration process

6.2 Issuance of carbon credits

The project participants shall prepare all required documents correctly and completely. The forms can be downloaded from the website <https://ghgreduction.tgo.or.th/en/premium-t-ver-download/172-premium-t-ver-download-form.html>. The GHG Monitoring Report (MR) and Non-permanent Risk Report (if any) shall be verified by the Validation and Verification Body (VVB). VVB shall identify the amount of buffer credits required to deposit in the pooled buffer account of the registry system according to the applicable non-permanence risk in order to guarantee the potential carbon loss from the project's non-permanence.

The project participants shall receive a verification report from the VVB. In addition, the project participants shall prepare a SD & Safeguards Monitoring Report which shall be reviewed by TGO. The final version of the GHG monitoring report and the SD & Safeguards Monitoring Report shall be used for requesting for carbon credits issuances.

A project participant must request for credits issuance within two years since the ending of each interval of crediting period. In case a project participant does not submit the request within the prescribed time frame, such project participant will no longer be able to request for credits issuance.

A project participant who develops project type number 13, excluding in the category of reduction of methane and/or nitrous oxide from agriculture and project type number 14, must submit the first request for credits issuance within five years since the project start date; and submit the next request within five years since the previous one. In case a project participant does not submit the request within the prescribed time frame, such project participant will no longer be able to request for credits issuance”.

6.2.1 Carbon credits issuance process

The Premium T-VER carbon credits issuance is shown in Figure 6-3 and details are as follows.

- 1) The project participants monitor and record the value of parameters according to monitoring plan specified in the PDD and requirements of the applied methodology valid during the monitoring period.

- 2) The project participants prepare GHG monitoring report and SD & Safeguards Monitoring Report and Non-permanence Risk Report (if any).

- 3) The Validation and Verification Bodies (VVBs) contracted by the project participants perform verification of the GHG Monitoring Report and the Non-performance Risk Report (if any); and TGO reviews the SD & Safeguards Monitoring Report. The project participants need to revise the report as requested.

- 4) The project participants submit request for credits issuance and all required documents to TGO and pay the carbon credits issuance fee.

5) Upon receiving the request for credits issuance, TGO conducts a completeness check and notifies the project participants the result within 15 working days after the date on which the secretariat found the incompleteness, incorrectness or non-compliance of the documents and data. The project participants shall revise and re-submit the documents and evidences within 15 working days from the date of the receipt of the notification from TGO. The re-submission date on which the secretariat found that the documents and evidence are deemed complete is recognized as the date of receipt of the request.

In case that the project participants do not re-submit documents and evidences within the date, TGO has rights to revoke the request and return the project documents to the project participants.

6) TGO reviews the correctness of the documents and the materiality of the project by considering whether it complies with the Premium T-VER carbon credits issuance criteria. TGO may notify the project participants to correct the documents or send additional information. TGO may conduct an on-site visit as deemed necessary.

7) Upon the positive conclusion of the completeness check, TGO proposes the project to the Subcommittee on Consideration of GHG Mitigation Projects and Activities within 30 working days of receipt of the request. If the subcommittee agrees, the project will be proposed to the Board of Directors of TGO for approval.

8) Board of Directors of TGO shall make a decision on the request within 60 working days of receipt of the request. The meeting date is recognized as the carbon credits issuance date.

9) TGO notifies the project participants of the carbon credits issuance and buffer credits needed to be deposited into the pooled buffer account (if any).

Processing and consideration of request for carbon credits issuance shall be in accordance with the regulations set by TGO.

Table 6-2 List of required documents that shall be submitted with the request for credits issuance

Document	Prepared by		Number of copy
	Project participant	Validation & Verification Body	
1. Request for credits issuance	✓	-	1
2. Verified Monitoring Report	✓	-	1
3. Sustainable Development and Safeguards Monitoring Report	✓	-	1
4. Verified Non-permanence Risk Report (if any)	✓	-	1
5. Verification Report	-	✓	1
6. Spreadsheet showing details of calculations of GHG emission reduction (Excel file)	✓	-	1

Document	Prepared by		Number of copy
	Project participant	Validation & Verification Body	
7. Data storage device with all required documents files (only in the case of submission by post or at TGO office)	✓	-	1
8. Letter of Positive Examination issued by the Department of Climate Change and Environment (only in the case that carbon credits are used for an international objective)	✓	-	1

Carbon credits issued from activities of the project type number 13 (only reduction, absorption and removal of GHG from the forestry and agriculture sectors) and some project type number 14 will be stored in a pooled buffer account in accordance with the Announcement of the Board of Directors of TGO re: buffer credit management and risk assessment of carbon loss from forestry and agricultural projects under Premium T-VER Program.

6.2.2 Carbon credits certification criteria

- 1) The project activities shall not go against to relevant laws or regulations. It must be a voluntary action to reduce GHG emissions in addition to the law.
- 2) The project activities are in line with this Guideline (Guideline for Premium Thailand Voluntary Emission Reduction Program: Premium T-VER).
- 3) The project participants shall monitor parameters as specified in the registered Project Design Document (PDD). If the project has been changed from the registered PDD, the project participants shall follow the procedures set by TGO.
- 4) The project participants shall monitor the results of mitigation measures implemented to avoid negative impacts.
- 5) The project participants shall monitor the contribution of project activities to Sustainable Development Goals (SDGs).
- 6) The project participants shall monitor the non-permanence risks of the projects (if any).
- 7) The amount of GHG emission reduction is calculated following the applied T-VER Methodology as specified in the registered Project Design Document (PDD). If there is any change, the project participants shall follow the procedures set by TGO
- 8) The GHG Monitoring Report and Non-permanence Risk Report shall be verified by the VVB registered with TGO.

Carbon Credits Issuance Process

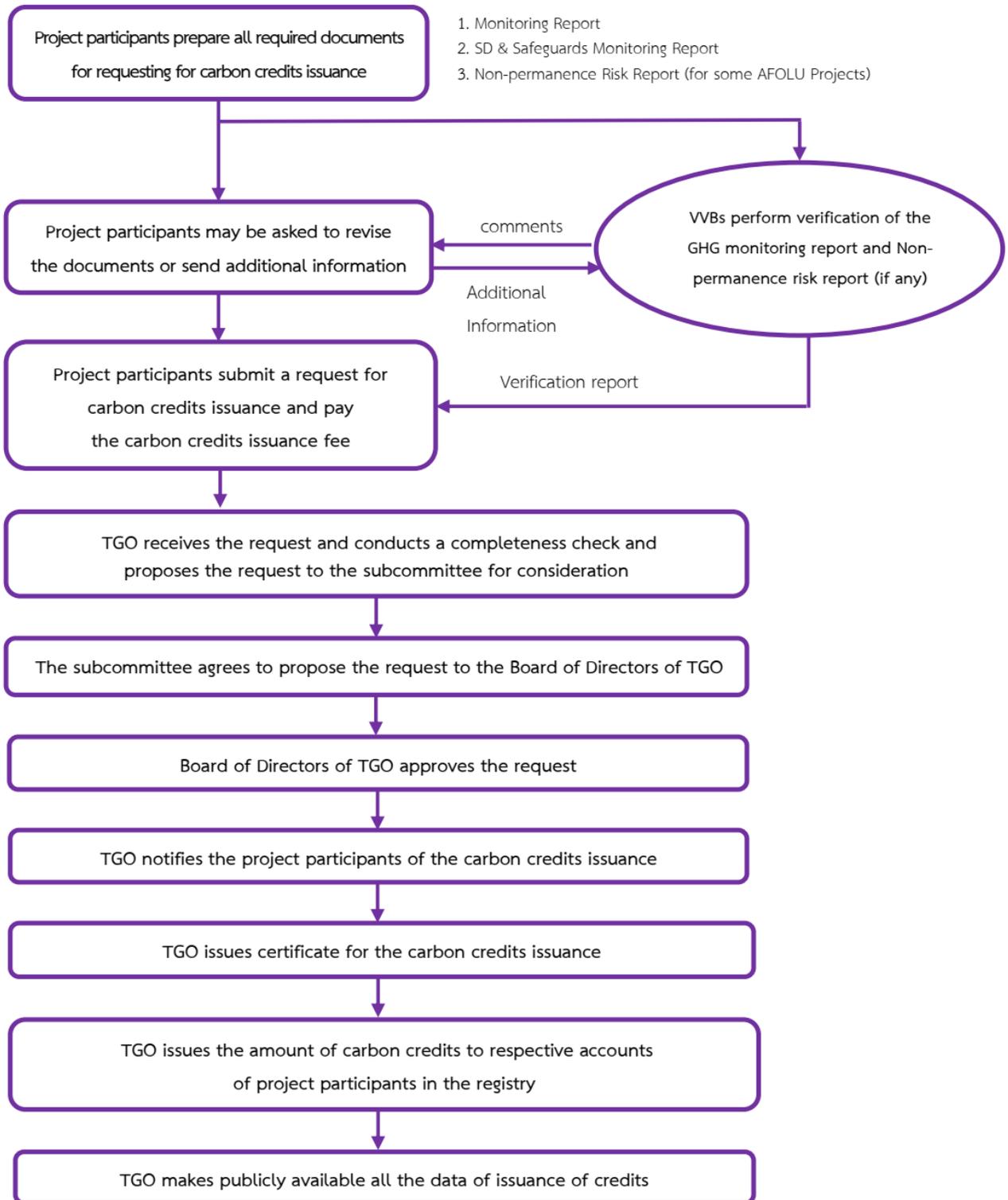


Figure 6-3 Carbon credits issuance Process

7. Greenhouse gas reporting for Premium T-VER project

The amount of GHG emission reductions as stated in the Project Design Document (PDD) and the GHG monitoring report shall be entered as an integer.

However, two decimal places number is used for calculation of GHG emission reductions and the results shall be rounded down to the nearest integer. Example is as follow:

Parameter	Calculation result	Reporting value
Baseline Emission	35,450.93	35,450.93
Project Emission	7,890.27	7,890.27
Leakage Emission	540.10	540.10
Emission Reduction/Carbon Sequestration	27,020.56	27,020

Displayed value (round down the decimal and display it as an integer)

In the case that the applied several methodologies, the calculation results shall be reported as the following Table.

Parameter	T-VER Methodology				Sum (Reporting value)
	T-VER-METH-...		T-VER-METH-...		
	Calculation result	Reporting value	Calculation result	Reporting value	
ER_y*		3,831		84,780	88,611
BE_y	6,500.15	6,500.15	87,550.55	87,550.55	-
PE_y	2,549.67	2,549.67	2,500.15	2,500.15	-
LE_y	120.36	120.36	270.88	270.88	-
Description	*ER _y values shall be rounded down and reported as an integer				

The amount of emission reductions requested for credits issuance shall be reported on a yearly basis.

Comparison between the amounts of emission reductions requested for credits issuance and the expected value

Project participant shall compare the amount of emission reductions specified in the monitoring report with the expected value in the registered PDD. The causes of difference and observations shall be described reasonably and consistently with reliable supported evidence.

8. Validation and verification

Validation is a systematic, independent and documented process for the evaluation of a GHG assertion in a GHG project plan and GHG calculation in Project Design Document (PDD) against agreed Premium T-VER project validation criteria and in accordance with ISO 14064-3:2019. Validation is performed by a Validation and Verification Body (VVB). VVB shall issue a validation report after completion of the validation process to certify that the GHG emission reduction project meets the Premium T-VER project registration criteria set by TGO.

Verification is a systematic, independent and documented process for evaluating GHG assertion in GHG Monitoring Report against agreed verification criteria and conformed to ISO 14064-3:2019. VVB shall issue a verification report after completion of the verification process to certify the amount of GHG emission reductions according to the carbon credits certification criteria set by TGO.

Validation and verification procedures can be found in the “Manual for T-VER Validation & Verification” (T-VER-PS-SD-002-MNVV) which can be downloaded from the website <https://ghgreduction.tgo.or.th/en/validation-and-verification-body/guideline-for-validation-and-verification-procedure.html>

9. Renewal of crediting period

The requests for renewal of the crediting period of registered Premium T-VER project shall be submitted at least 180 days before the project's expiration date. The expected amount of GHG emission reductions stated in the registered Project Design Document (PDD) shall be recalculated according to 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. The crediting period for each Component Project Activities (CPA) is based on the type of project activity. The number of years and the number of times that the project is eligible for renewable classified by project type as shown in the table.

Project Type	Renewal of Crediting Period		Duration of the framework (years)
	Number of years/time	Number of times	
Number 1-12 and some 13 that only reduce Methane or Nitrous oxide from agriculture	5	2	20
Number 13 and 14	15	2	60

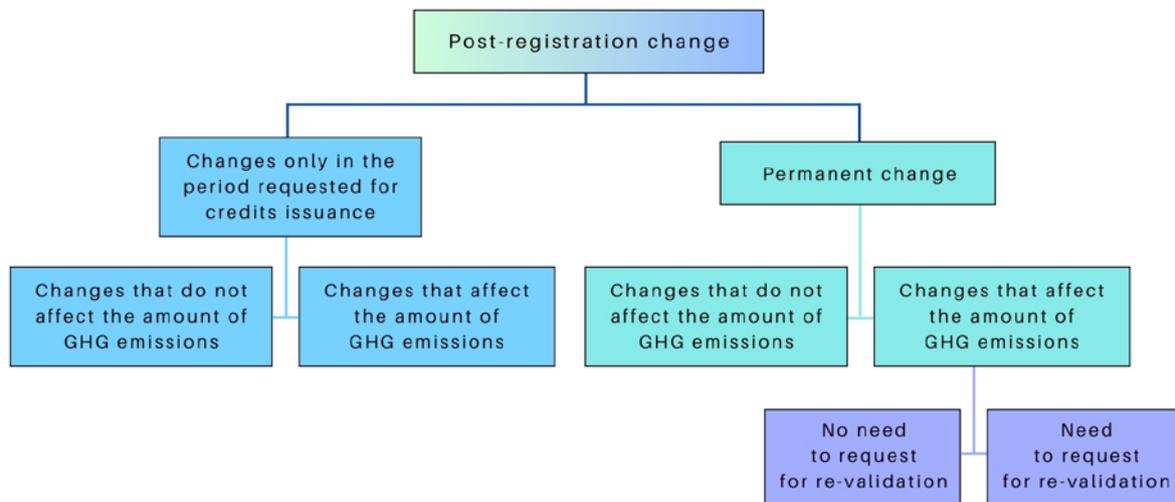
Table 6-3 List of required documents for request for renewal of crediting period

Document	Prepared by		Number of copy
	Project participant	Validation & Verification Body	
1. Request for renewal of crediting period	✓	-	1
2. Validated Project Design Document (PDD) or T-VER Component Project Activities Design Document (T-VER-CPA-DD)	✓	-	1
3. Validation Report	-	✓	1
4. Sustainable Development and Safeguards Monitoring Report	✓	-	1
5. Verified Non-permanence Risk Report (if any)	✓	-	1
6. Spreadsheet showing details of calculations of GHG emission reduction (Excel file)	✓	-	1
7. Copy of certificate of registration of a juristic person or a juristic partnership, the business license under the foreign businesses law, the letter demonstrating establishment of a body of persons or group of person, and/or the evidence of establishment of an organization or agency under the law. In the case of a natural person, national identification card or passport, or any other authentication method provided or accepted by TGO. (all project participants)	✓	-	1
8. Data storage device with all required documents files (only in the case of submission by post or at TGO office)	✓	-	1

Remark: Process for request for renewal of crediting period follows the project registration process in Section 6.1.

10. Post-registration change

After the project is registered, in case there is any changes of the project activities different from details in the PDD, project participant shall inform TGO before request for credits issuance. Post-registration changes are categorized as shown in Figure 10-1



Figurer 10-1 Types of post-registration change

10.1 Type of post-registration changes

After the project was registered, if there is a change in the details of activities that are different from those stated in the Project Design Document (PDD), the project participants shall notify TGO prior to submitting a request for carbon credits issuance. Changes are classified into 2 types as follows:

1) **General change** is a change that does not affect the amount of GHG emission reductions, for example:

- Change in project participant
- Change in project owner
- Change in project coordinator

The crediting period of the project can be changed but the crediting start date shall not exceed 2 years from the next day after the project registration date.

2) **Change that required revalidation** is a change that affect the amount of GHG emission reductions including;

- Addition of project activity/methodology
- Increase of the amount of GHG emission reductions to more than 60,000 tCO₂ eq/ y or the increase compared to the expected GHG emission reductions stated in the registered Project Design Document (PDD) is more than 15%.

The project participants shall identify all changes that have occurred in the GHG monitoring report so that a Validation and Verification Body (VVB) can monitor the changes. Evidences concerning to the change shall be provided to VVB and TGO.

10.2 Re-validation Process

In the case of a registered project requiring revalidation, the project participants shall revise the Project Design Document (PDD) according to the actual implementation. The revised PDD shall be validated by a Validation and Verification Body (VVB) following the “Guidelines for Validation and Verification of Thailand Voluntary Emission Reduction Program” (T-VER-VVG). The project participants shall request for registration following the process as shown in Figure 6-2.

The project participants can download the Post-Registration Changes Request Form from the website <http://ghgreduction.tgo.or.th/t-ver>.

Remarks: Requesting post-registration changes shall be in accordance with the procedure for request for registration stated in item 6.1.1.

Table 6-4 List of required documents for post-registration change in case of re-validation

Document	Prepared by		Number of copy
	Project participant	Validation & Verification Body	
1. Request for post-registration changes	✓	-	1
2. Re-validated Project Design Document	✓	-	1
3. Validation Report	-	✓	1
4. Sustainable Development and Safeguards Assessment Report	✓	-	1
5. Spreadsheet showing details of calculations of GHG emission reduction (Excel file)	✓	-	1
- Environmental Impact Assessment (EIA) <i>(if any)</i> - Initial Environmental Examination (IEE) <i>(if any)</i> - Environmental and Safety Assessment Report (ESA) <i>(if any)</i> - Code of Practice (CoP) <i>(if any)</i>	✓	-	1
6. Copy of certification of registration of a juristic person (all project participants)	✓	-	1
8. Data storage device with all required documents files (only in the case of submission by post or at TGO office)	✓	-	1

Remark: Process for request for post-registration change follows the project registration process in Section 6.1.

10.3 Request for deviation

In the case of the implementation of activities of a registered project is different from what stated in the Project Design Document (PDD), the project participants notify TGO for consideration and obtain the approval from TGO before the completion of verification. Such changes consist of

- 1) Change in the value of non-monitored parameter
- 2) Change in the monitoring method
- 3) Change in the equations used in the calculations.
- 4) Change in the constant value used in the calculation.

11. Monitoring by TGO

Monitoring of the Premium T-VER project is one of the important steps in the project management process to achieve the specified objectives of the project. Monitoring of the registered project by TGO will enhance the continuity of project implementation. TGO provides advices, suggestions, and hears problems/ challenges incurred from project development process. The registered T-VER projects shall be monitored by TGO annually throughout the project crediting period.

11.1 Objectives of Monitoring by TGO

- 11.1.1 To check the results of the Premium T-VER project implementation whether it is in accordance with the Project Design Document or the GHG monitoring report.
- 11.1.2 To collect information on changes in project details and to provide correct guidelines in the event of a change in the project activities.
- 11.1.3 To examine information on results of management or prevention of significant environmental impacts arising from the implementation of the Premium T-VER project.
- 11.1.4 To acknowledge problems and obstacles in the implementation of the Premium T-VER project, including answering inquiries from the project owners and/or the project participants.

11.2 Procedures of monitoring

Monitoring of the Premium T-VER project can be done by the agencies as follows:

- 11.2.1 TGO as a program administering organization assigns TGO staffs to monitor the project.
- 11.2.2 Third Parties that have cooperation agreements with TGO in carrying out monitoring of the Premium T-VER project.

(Currently, the Regional Environmental and Pollution Control Office 1-16 has a cooperation agreement with TGO in carrying out the monitoring of the Premium T-VER project instead of TGO.)

The monitoring processes conducted by TGO and the Third Parties are shown in Figure 11-1 and 11-2, respectively.

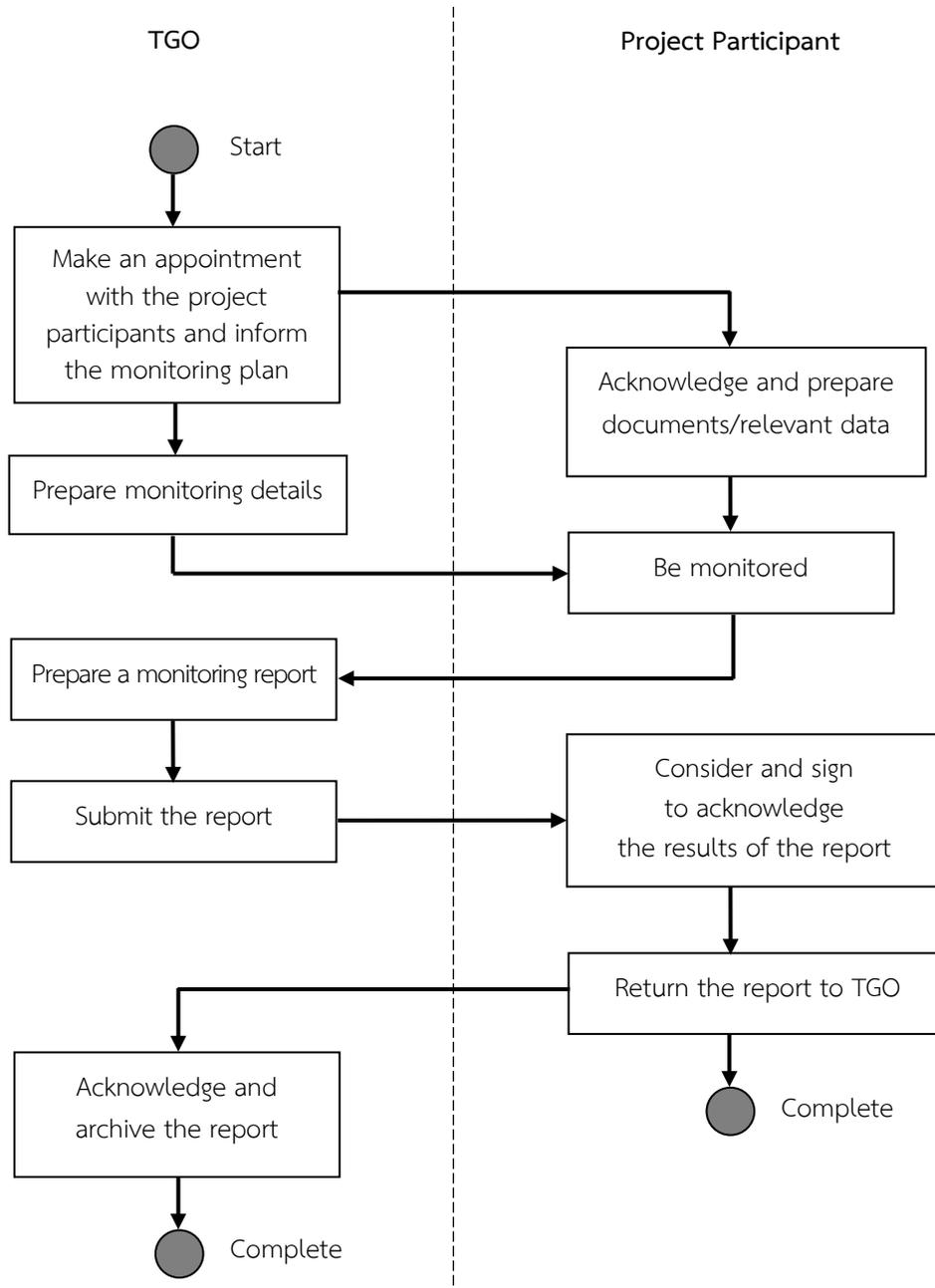


Figure 11-1 Premium T-VER project monitoring by TGO

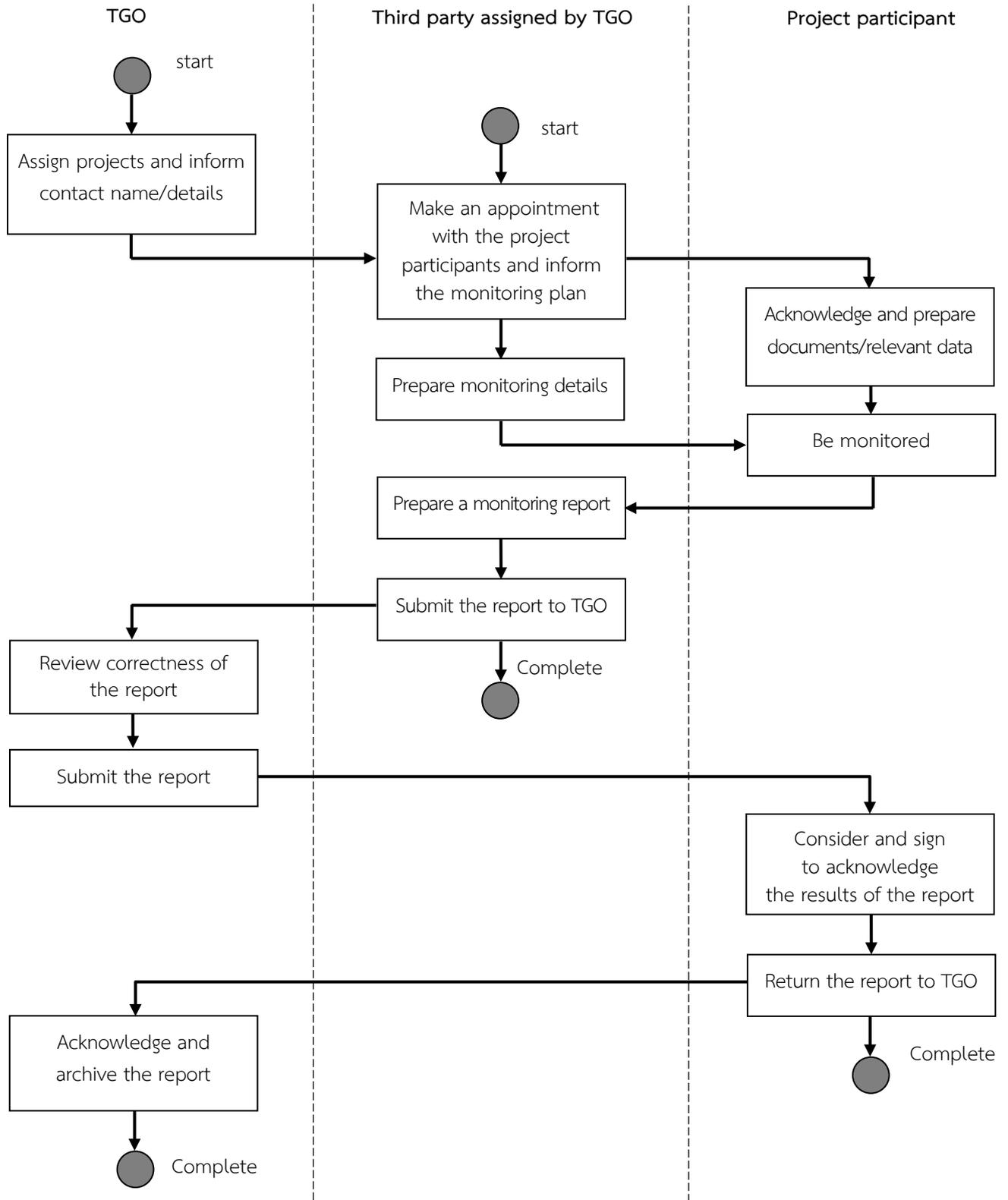


Figure 11-2 Premium T-VER project monitoring process by the third party

12. Revoke or withdrawal of registered project

- 1) Significant data stated in any requests, documents or evidences relevant to the consideration of project registration or issuance of credits are all or partially untrue.
- 2) Project has not been started as required by this Guideline.
- 3) Project is double registered with other GHG crediting mechanism or the emission reductions in the same period are both issued as carbon credits and certified as Renewable Energy Certificate (REC).
- 4) Project activities go against to relevant laws or regulations.
- 5) Project activities cause negative impacts to other persons.
- 6) Project participant ceases the project operation.
- 7) Project participant submits Request for withdrawal.

13. Fee schedule

Request fees for project registration, renewal of crediting period, credits issuance and designation as a VVB and renewal of the designation are prescribed by the Board of Directors of TGO.

14. Disclosure of information

TGO publishes the following information on TGO's website.

- 1) Project name, name of project owner, name of project participant,
- 2) Registration date
- 3) Project Design Document (PDD)
- 4) Amount of expected GHG emission reduction/removal
- 5) Monitoring report
- 6) Validation report and verification report
- 7) SD & safeguards assessment report
- 8) SD & safeguards monitoring report
- 9) Non-permanence Risk Report
- 10) Decision of the Board of Directors of TGO on the request
- 11) Amount of issued carbon credits
- 12) Amount of buffer credits

15. Keeping of project information and relevant documents

Project participant shall keep the project information and relevant documents in print or electronic format as follows:

Single Projects or Bundling Projects

Project participant shall keep the project information and relevant documents at least 5 years since the end of crediting period.

Programme of Activities: PoA

Project participant shall keep the project information and relevant documents of all CPAs under the PoA at least 5 years since the end of crediting period of the PoA.

16. Channels for documents submission to TGO

Requests and documents can be submitted to TGO through 3 channels as follows:

- By electronic mail (e-mail) to TGO

(see the e-mail address at the website <http://ghgreduction.tgo.or.th/t-ver>)

- Via the online system through the website <http://ghgreduction.tgo.or.th/t-ver> in electronic form

- By post to TGO office

17. Procedures for opening an account in registry

Project participant or person who wants to transfer of carbon credits shall file an application, together with the relevant documents and evidence to open an account in the carbon credit registry system in accordance with Regulation of the Board of Directors of Thailand Greenhouse Gas Management Organization re: rules for registration of purchases, sales, and transfers of carbon credits.

18. Issuance of Certificate for registered project and the issuance of carbon credits

TGO will issue a certificate to project participant within 20 days since the approval date. The certificate (in Thai) is signed by the Executive Director of TGO. In the case that the project participant want TGO to issue the certificate in English, project participant shall request TGO after the approval date and inform the name of person.

19. Review of this guideline

This guideline can be reviewed at any time in order to improve the rules, methodology and specifications in line with the current situation and more effective.

Appendix

Roles and Responsibilities of relevant stakeholder

No.	Details
1	Project participant prepares Project Design Document (PDD) and monitoring report and other documents as required by TGO.
2	Project participant shall enter into a contract with a designated Validation and Verification Body (VVB) who will validate PDD or verify monitoring report.
3	Project participant follows the procedure for requesting service from VVB, e.g., providing project details for VVB to assess its neutrality of validation and verification, competencies within the scope of validation and verification, designated sectoral scopes, sufficiency of estimated engagement hours, entering into the contract.
4	Project participant submits draft PDD or monitoring report and relevant documents to VVB for reviewing and planning the validation and verification process.
5	Validation and Verification Body (VVB) appoints its staffs to a validation or a verifier team based on their competencies within the scope of validation and verification.
6	The validator or verifier team performs the assessment procedures required by the VVB to provide an independent opinion on the information described by the project participant in the project design document, the monitoring report, the assessment of GHG emissions, and other related documents according to the criteria and requirements set forth by the TGO.
7	The validator or verifier team prepares a validation report to summarize the validation results and confirms the amount of expected GHG emission reduction that will request for registration or prepares a verification report to summarize the verification results and certifies the amount of GHG emission reductions and present the results to the review team for reviewing the entire validation and verification process.
8	The VVB-authorized signatory signs a statement as required by the VVB to confirm the results of the GHG assessment and submits a validation or verification report together with the statement to the project participant.
9	Project participant collects all required documents for request for project registration or request for credits issuance.
10	Project participant submits all required documents for request for project registration or request for credits issuance.

Premium T-VER Guideline Record

Version number	Revision No.	Enforcement Date	Revision details
4	3	2 February 2024	<ul style="list-style-type: none"> - Addition of the objective and basic principles - Addition of the definitions - Addition of requirements on the re-evaluation of baseline - Addition of list of required documents for registration. - Addition of the conditions for requesting carbon credit issuance after the project period ends. - Revision of the greenhouse gas reporting for Premium T-VER project. - Addition of an explanation of the process for requesting project registration. - Addition of documents for registration request and request carbon credit issuance (In the case of projects that intend to use carbon credits for international purposes) - Addition of the Figure 10-1, classification of changes after T-VER project registration. - Addition of fee details
3	2	27 September 2023	<ul style="list-style-type: none"> - Revision of the name of the guideline - Addition of definitions - Addition of characteristics and eligibility criteria for participating activities - Revision of Greenhouse gas reporting - Revision of Renewal of crediting period - Revision of Post-registration change - Addition of revoke or withdrawal of registered project - Addition of fee schedule - Addition of of disclosure of information

Version number	Revision No.	Enforcement Date	Revision details
			<ul style="list-style-type: none"> - Addition of Keeping of project information and relevant documents - Addition of Issuance of certificate for registered project and the issuance of carbon credits
2	1	27 December 2022	<ul style="list-style-type: none"> - Revision and addition according to the Thailand Greenhouse Gas Management Organization (TGO) Board of Directors Regulations on the Criteria, Methods and Conditions for Consideration of T-VER Project B.E. 2565 (2022) <ul style="list-style-type: none"> ○ Revision of the definition of “project participant” and “project owner” ○ Addition of the definition of “T-VER methodology” and crediting period of project type number 15 - Revision of the title of validation and verification manual - Addition of approved T-VER methodologies and designated Validation and Verification Bodies
1	0	26 July 2022	