
Standard Setting Report

Thailand Forest Certification Council - TFCC

The Federation of Thai Industries



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1. Introduction

Since 2015, The Royal Thai Government and stakeholders have proposed to perform sustainable forest plantation management and stimulate economically competitive mechanisms for forest-based products. Thai Industrial Standards Institute (TISI) has nationally established the Sustainable Forest Plantation Management - Requirements (SFM standard) and Chain of Custody of Forest based Products Management – Requirements (CoC standard), functioning as Standardizing Body (SB).

In Thailand, F.T.I. (The Federation of Thai Industries) administers the PEFC scheme on behalf of the PEFC Council's as PEFC authorised body. TFCC (Thailand Forest Certification Council) acts as both an authorized body of F.T.I. in order to administers PEFC scheme and a focal point of Institute of Agro-based Industries (I.A.I) to empower all stakeholders and support establishment of the national sustainable forest plantation management and chain of custody standard meet with the international benchmark together with acknowledgement and implementation of the international management system.

TFCC requires that forest management and chain of Custody certifications shall be carried out by certification bodies who are accredited by accreditation bodies that are signatories of the Multilateral Recognition Arrangement (MLA) of IAF or IAF's Regional Accreditation Groups such as European co-operation for Accreditation (EA), Interamerican Accreditation Cooperation (IAAC), Pacific Accreditation Cooperation (PAC) and Southern African Development Community in Accreditation (SADCA) which The National Accreditation Council of Thailand – NAC is the AB who is signatory of IAF.

2. Abbreviation in this report

AB	Accreditation Body
CB	Certification Body
CoC	Chain of Custody
DWG	Drafting Working Group
IAF	International Accreditation Forum
ISO	International Standardisation Organization
NGO	Non-Governmental Organisation
PEFC	Programme for Endorsement of Forest Certification
SB	Standardizing Body
SFM	Sustainable Forest Plantation Management
SC 4	Technical Subcommittee 4 Sustainable Forest Management

TFCC	Thailand Forest Certification Council
TISI	Thai Industrial Standards Institute
TCAS	Thai Conformity Assessment Standard

3. Scope of this report

This report is based on the requirements of the TISI and TFCC Work Instructions;

- PSD-SD01-00, The Standard Setting Procedure
- PSD-SD03-00 Appointment and Review Technical Subcommittee and working group
- TFCC Standard Setting Procedure (TFCC PD 006).

The scope of the standard development and standard setting activities are focused on the development of FM standard, which are modified by the PEFC International Standards, PEFC ST 1003 Sustainable Forest Management – Requirements. Standard setting process is in lined with PEFC ST 1001 Standard Setting - Requirements.

The standard setting process is based on and governed by TISI procedures and shall be open, transparent and consensus based.

The structure of the TISI documented information is shown in Annex 1.

4. Governance of the standard-setting process

4.1 The National Standardization Council

The National Standardization Council is on the pathway of National Standardization Act B.E.2551 (2008) which has the powers and duties where described in section 7 of the Act and has a duty to appoint the Conformity Assessment Standard Committee.

4.2 Conformity Assessment Standard Committee

The Conformity Assessment Standard Committee is established by the National Standardization Council, according to the National Standardization Act B.E.2551 (2008), at the ministerial level beyond TISI's responsible function.

4.3 The Technical Sub-Committee (SC)

TISI shall establish SC with balanced representatives based on the nominations received, review the standard-setting process, and consider the comments and recommendations from the technical meeting.

According to the Report of Forestry Stakeholder Mapping in Thailand by EU FLEGT Facility, European Forest Institute, and the Royal Thai Government, dated January 2013, TC was

established concerning the key stakeholders of social, environmental, and economic interests.

Therefore, TC consists of representatives, following to 5 stakeholder categories:

- Forestry-related industry associations/ federation
- Forestry-related private sector
- Government agencies
- Forest-planting groups/individuals and workers
- Civil society/NGOs involved in forest-related issues

There is SC no.4 (Sustainable Forest Management Standard) has a role in developing TCAS 14061 in the context of sustainable forest plantation management, established in 2021.

SC 4 authorities and responsibilities are as follows:

- Prepare draft standards related to sustainable forest management.
Consider providing academic opinions and participating in setting standards related to sustainable forest management with both domestic and international agencies.
Perform any other duties as assigned by the Committee to Set Standards for Inspection and Certification.

5. Description of the standard-setting process

5.1 Overview of TCAS 14061-2566 standard setting process

Standard setting stage		Responsibility
Preparatory stage June - July 2021	(6.1) Standard proposal	TISI&TFCC
	(6.2) Stakeholder mapping	TISI
	(6.3) Public announcement & stakeholder invitation	TISI
	(6.4.1-6.4.3) Establishing SC 4	TISI
Development of a draft standard stage March 2022	(6.4.4) Draft standard meeting	TISI
Public consultation stage May – June 2022	(6.5) Public consultation	TISI
	(6.6) Standard testing	TFCC
Consensus-building on the final draft April 2023	(6.4.5-6.4.8) Consensus building by SC 4	TISI
Approval stage	(7.1) Conformity Assessment	TISI

Standard setting stage		Responsibility
July 2023	Standard Committee recommendation/ approval	
	Secretary-General signed	TISI
Publication stage August 2023	(7.2) Standard Publication	Royal Thai Government Gazette

5.3 Standard Setting Process

The process details divided into six phases as presented below:

Phase 1: Preparatory stage

Purpose	Activities	Outputs
To identify stakeholders, announce the process (June – July 2021)	<ul style="list-style-type: none"> ● Standard proposal ● Review stakeholder mapping ● Public announcement and stakeholder invitation of the standard revision ● Establishing SC 4 	Standard proposal Stakeholders mapping table Summary of standard revision public meeting The Standard Committee establishment notification

- **Standard proposal**

The proposal to review and revise TIS14061 was developed under the collaboration among RFD, TISI, and FTI. The proposal has been informed the need to review and revise the standard because the periodic time which was 5 years already and the PEFC meta standard has been changed. The scope, objectives, work plan, available information which include the standard setting procedure, and contact person has been informed.

- **Stakeholder mapping**

Regarding of the previous standard version, the stakeholders was relied on FLEGT Forest Law Enforcement, Governance and Trade (FLEGT). In this time of revision under the collaboration of RFD, TISI and FTI, the stakeholders were reviewed and updated. Most of the stakeholders were not changed but there are some groups has been added.

This forestry stakeholder mapping correlated with stakeholder groups that defined by Agenda 21 of the United Nations Conference on Environment and Development (UNCED) in 1992. Nine stakeholder categories of UNCED as following:

Group 1: Business and industry

Group 2: Scientific and technological community

- Group 3: Government agencies
- Group 4: Forest owners
- Group 5: Local/International NGOs
- Group 6: Workers and trade unions
- Group 7: Indigenous people
- Group 8: Children and youth
- Group 9: Women

The number of stakeholder categories for SC as stakeholder mapping in Thailand are shown in Annex 2.

The number of stakeholder categories in SFM (TCAS 14061) meetings and events as stakeholder mapping in Thailand are shown in Annex 3.

- **Establishment of the Standardization Committee**

TISI invites the representatives from various stakeholders who are expertise in fields of economic, social and environmental sectors to be the committee for standard setting. The standardization committees were categorized into 1 team: SC 4,

The standardization committee consisted of 15 members that represented 11 organizations with categories into 5 groups:

- Group 1: Business and industry
- Group 2: Scientific and technological community
- Group 3: Government agencies
- Group 4: Forest owners
- Group 5: Local/International NGOs

The composition of the standardization committee as well as its representation can be found in Annex 4 in this report.

- **Public announcement**

TCAS 14061 standard revision and standard setting process were announced on 30 March 2022 in TISI website (www.tisi.go.th) to inform and get comments from the stakeholder relies on standard revision and standard setting process and invite key stakeholders to participate in public seminar “TFCC Public Consultation: Draft National Standard on Sustainable forest plantation management” for discussion of standard revision and standard setting process on 5 April 2022 (as shown in Annex 6, 1.1.15).

Phase 2: Develop of a draft standard stage

Purpose	Activities	Outputs
To prepare first draft. To review and consider first draft. (SFM: July – August 2021)	<ul style="list-style-type: none">● Draft standard meeting - TCAS 14061 Standardisation Committee met 15 times to revise the standard of SFM● Public seminar	First drafts Enquiry drafts

- **Preparation of first draft standards**

SC 4 prepared first drafts of the standard scheme for TCAS 14061 from September 2021 to 22 February 2022, announced for the public consultation for 29 March - 31 May 2022, and held the consultation seminar on 5 April 2022

- **To review and consider of first draft standards**

SC4 reviewed and considered of first draft transfer to enquiry draft of TIS 14061 from August 2022 to May 2023.

Summary of the Standardisation Committee meeting

- **Standardisation Committee for TIS 14061** is only SC4 in order to drafting TIS 14061 and the consideration of standard criteria

SC 4 has re-established since 31 May 2021, their first meeting was on 13 September 2021 for reviewing of TIS 14061 and comment on the TIS 14061. After that, SC 4 had ten times – meeting for consideration of the revision standard draft; (as shown in Annex 6, 1.1).

The revision standard draft was mentioned in public seminar on 5 April 2022, and public consultation for 29 March - 31 May 2022. (as shown in Annex 6, 1.1.15-1.1.16).

After SC 4 considering and developing the revision standard draft from public consultation and seminar, the draft was submitted to TISI on 27 April 2023

The list of SC 4 members informs in Annex 5 in this report.

- **The public seminar**

The first public seminar of TIS 14061

The standard draft from SC 4 was mentioned in public seminar on 5 April 2022 via online. There were 92 stakeholders. The agenda of this public seminar was following.

- Background of reviewing standards for sustainable forest plantation management.
- The draft version of standard for sustainable forest plantation management – TCAS

14061-XXXX

- Discussion on the standard

This public seminar was announced by e-mail invitation and website for stakeholder access on 29 March 2022 (as shown in Annex 6, 1.1.15-1.1.16).

Phase 3: Public consultation Stage

Purpose	Activities	Outputs
To consult enquiry draft with stakeholders (SFM: November 2015 – March 2016, CoC: June – August 2017)	<ul style="list-style-type: none">● Announce on TISI's website for comment the TIS 14061 draft on 29 March – 31 May 2022● TIS 14061 Public consultation on 5 April 2022	Stakeholder's comments

The public consultation for TIS 14061

- The enquiry draft was publicized since 29 March to 31 May 2022 on TISI's website. During public consultation on website for the effective way to reach stakeholders including disadvantage stakeholders, TISI conducted public consultation seminar on 5 April 2022 via online meeting (as shown in Annex 6, 1.2).

- Invitations have been sent to all stakeholders to participate in the public consultation via online survey

- The announcement was done by e-mail invitation and TISI website (<https://www.tisi.go.th/>, <http://www.tfcc.fti.or.th>) on 29 March 2022.

- There were 92 participants from 75 organizations which attended this public consultation.

- During the public consultation on TISI website and TFCC website until 31 May 2022, TISI has received 13 comments (as shown in public consultation report from consultation seminar and online survey, Annex 6, 1.2, 1.2.3) and the results of the public consultation are as following,

- 84.6% absolutely agree,
- 15.4% agree with comments,
- 0% abstain
- 0% disagree.

Phase 4: Consensus-building on the final draft

Purpose	Activities	Outputs
To consensus building the standard draft (September 2022 – May 2023)	<ul style="list-style-type: none">● TIS 14061 consensus building by SC 4	Final draft

The technical committee considered all comments, revise to final draft and submit to Industrial Product Council. TIS 14061 was approved by Industrial Council on 27 April 2023.

Phase 5: Testing Stage

Purpose	Activities	Outputs
To test the standard (SFM: May-June 2022)	<ul style="list-style-type: none">To test auditability and reliability of the TIS 14061To verify TIS 14061 compliance with the PEFC Council requirements	Standard testing report Recommendations for TC

TIS 14061 Standard testing

- TFCC carried out the standard revision testing because Trees Outside Forest (ToF) was added on this revision
- TIS 14061 tested on 27 May 2022 and 6-7 June 2022 at Klongpang Rubber Replanting Fund Cooperative Co., Ltd.
- In summary, there was no comment on standard indicators, but there were some suggestions that the additional requirements from the old version. There should be additional knowledge provided such as preparing a manual and include examples for entrepreneurs and related persons to study further. (as shown in Annex 6, 1.2, 1.2.4).

Phase 6: Approval Stage

Purpose	Activities	Outputs
To formally approve the requirements (SFM: 23 May 2023 – 10 July 2023)	<ul style="list-style-type: none">The Industrial Product Council approve TIS 14061Secretary-General of the Thai Industrial Standards Institute approve TIS 14061	Final approval by the standardising body

After final draft of standard revised by technical committee, the final draft was submitted to Industrial Product Council. The Industrial Product Council and Secretary-General of the Thai Industrial Standards Institute approved TIS 14061 on 10 July 2023.

Phase 7: Publication Stage

Purpose	Activities	Outputs
To make the standard publicly available (SFM: August 2023)	To publish the TIS 14061	TIS 14061 published

TIS 14061 standard was published by the Royal Thai Government Gazette on 23 August 2023.

TIS 14061 Standard setting timetable

		2021				2022				2023				
		I	II	III	IV	I	II	III	IV	I	II	III	IV	
Preparatory stage	Establish technical committee 915 (year 1997)													
	Stakeholder meeting "Thailand Certification System Approach for Sustainable Forest Management"													
	Stakeholder mapping													
	Public announcement for develop standard													
	Establish technical subcommittee 4													
Develop ment of a draft standard stage	Draft standard meeting													
	Public seminar													
Public consultation stage														
Consensus-building on the final draft stage														
Approval stage	Industrial Product council approval													
	The secretary-general of TISI approval													
Publication stage Publication of the scheme document														
Standard testing stage Testing of TIS 14061 (May, June 2022)														

Annex 1: TISI documentations involved standard setting

TISI Statutes	The Industrial Products Standards Act, B.E. 2511 (1968)
	The Regulations of the Office of Prime Minister on Procurement 2 nd edition, B.E. 2548 (2005)
TISI(St)-P-VS-01	the Standard Setting Procedure
TISI(St)-R-CM-01	Operation Manual of Technical Committee
TISI(St)-W-TC-01	Work Instruction for the Notification and Review of Technical Committee Members
TISI(St)-W-DR-01	Work Instruction of Standard Drafting Process
TISI(St)-W-GZ-01	Work Instruction of Standard Announcement Process
TISI(St)-W-RV-01	Work Instruction for the Notification and Review of National Standards
PSY-DC02-01	Record Control

Annex 2: The number of stakeholder categories in SC 4 as forestry stakeholder mapping in Thailand

Key Stakeholder	SC 4
Group 1: Business and industry	4
Group 2: Scientific and technological community	2
Group 3: Government agencies	4
Group 4: Forest owners	3
Group 5: Local/International NGOs	2
Total	15

Annex 3: The number of stakeholder categories in SFM (TIS 14061) meeting and events as forestry stakeholder mapping in Thailand

Events	Dates	Stakeholder Categories					Total
		Group 1	Group 2	Group 3	Group 4	Group 5	
1. Establish SC 4 ^(1.1.2)	31 May 2021	4	2	4	3	2	15
2. SC 4 meeting ^(1.1.3)	13 September 2021	4	1	4	2	2	13
3. SC 4 meeting ^(1.1.4)	12 October 2021	3	2	4	2	2	13
4. SC 4 meeting ^(1.1.5)	25 October 2021	3	2	4	1	2	12
5. SC 4 meeting ^(1.1.6)	9 November 2021	3	2	4	2	2	13
6. SC 4 meeting ^(1.1.7)	23 November 2021	4	2	4	2	2	14
7. SC 4 meeting ^(1.1.8)	7 December 2021	4	2	4	2	1	13
8. SC 4 meeting ^(1.1.9)	21 December 2021	3	2	4	1	2	12
9. SC 4 meeting ^(1.1.10)	(11 January 2022	3	2	4	2	2	13
10. SC 4 meeting ^(1.1.11)	25 January 2022	3	1	3	2	2	11
11. SC 4 meeting ^(1.1.12)	8 February 2022	3	1	4	2	2	12
12. SC 4 meeting ^(1.1.13)	14 February 2022	3	1	4	2	2	12
13. SC 4 meeting ^(1.1.14)	22 February 2022	2	1	4	2	2	11
14. SC 4 meeting ^(1.1.15)	15 August 2022	2	1	3	2	1	9
15. SC 4 meeting ^(1.1.16)	26 April 2023	3	1	3	2	1	10
16. SC 4 meeting ^(1.1.17)	23 May 2023	3	1	3	2	1	10
17. Public Consultation	5 April 2022	29	15	62	10	27	128
18. Announce on website for comment the standard ^(1.2.3)	29 March 2022						
19. Standard testing project ^(1.2.4)	27 May, 6-7 June 2022						
20. Secretary-General of TISI sign ^(1.2.5)	10 July 2023						
21. Announce in Gazette ^(1.2.6)	23 August 2023						

Remark All events see more information in Annex 6, group 1-5 refer to annex 2

Annex 4: The composition of the standardization committee categories in SC 4 as forestry stakeholder mapping in Thailand by their organisations

Stakeholder's organisations	Stakeholder Categories				
	Group 1	Group 2	Group 3	Group 4	Group 5
1. Representative from Royal Forest Department (Key Stakeholder)			/		
2. Representative from Thai Industrial Standards Institute (Key Stakeholder)			/		
3. Representative from Faculty of Forestry, Kasetsart University (Key Stakeholder)					/
4. Representative from Sukhothai Thammathirat University					/
5. Representative from Faculty of Science (Biology Department), Chulalongkorn University					/
6. Representative from Forest Industry Organization (Key Stakeholder)			/	/	
7. Representative from the Federation of Thai Industries	/	/			
8. Representative from Thai Furniture Industries Association	/				
9. Representative from Private Forest Plantation Cooperative (Disadvantaged Stakeholder)				/	
10. Representative from National Bureau of Agricultural Commodity and Food Standard			/		
11. Representative from Fast Growing Tree Association	/				
12. Representative from Private Promotion for Plantation Association (Disadvantaged Stakeholder)		/		/	
13. Representative from Thai Timber Association	/				
14. Representative from the Regional Community					/

Stakeholder's organisations	Stakeholder Categories				
	Group 1	Group 2	Group 3	Group 4	Group 5
Forestry Training Center for Asia and the Pacific (RECOFTC) (Disadvantaged Stakeholder)					
Total	4	2	4	3	4

Remark Group 1-5 refer to annex 2

Annex 5: List of SC 4 members

Names	Organisations	Stakeholder Categories				
		Group 1	Group 2	Group 3	Group 4	Group 5
1. Mr. Rattanawat Chaiyarat.	Faculty of Environment and Resource Studies, Mahidol University (Key Stakeholder)		/			
2. Ms.Nopparat Manawakul	Faculty of Forestry, Kasetsart University		/			
3. Mr.Boonsuthee Jeravongpanich	Royal Forest Department (Key Stakeholder)			/		
4. Mr.Prasit Thintara	Forest Industry Organization (Key Stakeholder)				/	
5. Mr.Kitipong Tangkit	Fast Growing Tree Association	/				
6. Mr.Vichit Nantaworawan	National Farmers Council				/	
7. Mr.Akarin Wongapirat	Thai Hevea Wood Association	/				
8. Ms.Rungnapa Wattanawichien	PEFC					/
9. Mrs.Piyathip Eawpanich	Private Forest Plantation Co-operative				/	
10. Ms.Warangkana Rattanarat	Regional Community Forestry Training Center for Asia and the Pacific (RECOFTC)					/
11. Ms.Sangrawee Moungcham	National Bureau of Agricultural Commodity and Food Standards			/		
12. Mr.Pri Soodjit	Rubber Authority of Thailand			/		
13. Mr.Apichart Kawsung	Thai Pulp and Paper Industries Association	/				
14. Ms.Witcha Pichainarong	Thai Industrial Standards Institute (Key Stakeholder)			/		
15. Ms.Patranda	Thailand Forest Associatin	/				

Names	Organisations	Stakeholder Categories				
		Group 1	Group 2	Group 3	Group 4	Group 5
Sangmahamad	Council (TFCC), Federation of Thai Industries					
Total		4	2	4	3	2

Remark Group 1-5 refer to annex 2

Annex 6: List of available documentations

1. TIS 14061

1.1 Documentations relating to SC 4

(1.1.1) Notification of Technical Committee 915 No. 4/B.E 2558” Establishment of Technical Subcommittee No. 4” (8 July 2015)

(1.1.2) Notification of Technical Committee 915 No. 4 /B.E 2564” Revision of Technical Subcommittee No. 4” (31 May 2022)

(1.1.3) Minute of SC 4 meeting no.1 (13 September 2021)

(1.1.4) Minute of SC 4 meeting no.2 (12 October 2021)

(1.1.5) Minute of SC 4 meeting no.3 (25 October 2021)

(1.1.6) Minute of SC 4 meeting no.4 (9 November 2021)

(1.1.7) Minute of SC 4 meeting no.5 (23 November 2021)

(1.1.8) Minute of SC 4 meeting no.6 (7 December 2021)

(1.1.9) Minute of SC 4 meeting no.7 (21 December 2021)

(1.1.10) Minute of SC 4 meeting no.8 (11 January 2022)

(1.1.11) Minute of SC 4 meeting no.9 (25 January 2022)

(1.1.12) Minute of SC 4 meeting no.10 (8 February 2022)

(1.1.13) Minute of SC 4 meeting no.11 (14 February 2022)

(1.1.14) Minute of SC 4 meeting no.12 (22 February 2022)

(1.1.15) Minute of SC 4 meeting no.13 (15 August 2022)

(1.1.16) Minute of SC 4 meeting no.14 (26 April 2023)

(1.1.17) Minute of SC 4 meeting no.15 (23 May 2023)

1.2 Analytical papers and reports

(1.2.1) [A Proposal of TIS 14061 Standard Revision](#)

(1.2.2) [Summary Feedback “PUBLIC CONSULTATIONS FOR TCAS14061 2022 REVISED VERSION” in 29 March – 31 May 2022](#)

(1.2.3) [Invitation via e-mail, announce on website and agenda the seminar to developing and reviewing the reversion standard of Sustainable Forest Plantation Management on 5 April 2022](#)

(1.2.4) [Full report of Standard Testing at Klongpang Rubber Replanting Fund Cooperative Co., Ltd.](#)

(1.2.5) [Secretary-General of the Thai Industrial Standards Institute signed the revision standard on 10 July 2023.](#)

(1.2.6) [Gazette announcement “Sustainable Forest Plantation Management 1-Requirement TCAS 14061-2566” on 23 August 2023](#)