

Report on the Inception Workshop, Launching Ceremony & Field visit of ITTO Teak Project

“Enhancing Conservation and Sustainable Management
of Teak Forests and Legal and Sustainable Wood Supply
Chains in the Greater Mekong Sub-region”
(PP-A/54-331)

23-26 April 2019, Bangkok, Thailand



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Photos of Signing Ceremony for Teak Project at ITTC 54 on 6 Nov 2018, Yokohama, Japan

Minutes of the 1st Meeting of the Project Steering Committee



Project in Brief

- Project Title : Enhancing Conservation and Sustainable Management of Teak Forests and Legal and Sustainable Wood Supply Chains in the Greater Mekong Sub-region
- ITTO Project Number : PP-A/54-331
- Project Objective : To strengthen the capacity and capability in the participating countries to conserve, develop and sustainably manage natural and planted teak forests and contribute to the establishment of deforestation-free, sustainable supply chains from controlled legal sources in the greater Mekong Sub-region
- Funding agency : Federal Ministry of Food and Agriculture of the Government of the Federal Republic of Germany (BMEL)
- Project signed : Between ITTO and BMEL on 06 November 2018
- Duration : 3 years (36 months)
- Starting Date : 1 March 2019
- Completion Date : 28 February 2022
- Executing Agency : International Tropical Timber Organization (ITTO), Japan
- Implementing Agencies :
- Cambodia : Forestry Administration (FA)
 - Lao PDR : National Agriculture and Forestry Research Institute (NAFRI)
 - Myanmar : Forestry Department/Forest Research Institute (FRI)
 - Thailand : Royal Forest Department (RFD) and Kasetsart University (KU)
 - Vietnam : Vietnamese Academy of Forest Sciences (VAFS)
- Total Budget : US\$ 1,236,250
(Executing & Implementing Agencies contributions in-kind)

Summary

The International Tropical Timber Organisation (ITTO), Japan launched a comprehensive teak project entitled “*Enhancing the conservation and sustainable management of teak forests and legal and sustainable wood supply chains in the Greater Mekong Sub-region*”. The Federal Ministry of Food and Agriculture (BMEL), Government of Germany financed the first stage of activity in the Greater Mekong Sub-region (GMS) covering five countries, namely Cambodia, Lao PDR, Myanmar, Thailand, and Vietnam. The project period is for 3 years (March 2019-February 2022). The total budget is US\$ 1,236,250 allotted to ITTO and participating countries.

The specific objectives of the project are:

1. The conservation of teak genetic resources, sustainable management and use of natural teak forest and market access of teak from legal sources.
2. Community based smallholder teak forest management and agroforestry systems with improved legal and sustainable supply chains
3. Regional and international collaboration, information sharing and knowledge management, networking, policy development and outreach on the sustainable management of teak forests.

With the guidance of the Royal Forest Department, Thailand; the Faculty of Forestry of Kasetsart University with the approval of ITTO has been nominated as Regional Activity Manager (Project Leader) to coordinate and implement the project activities in the Greater Mekong Sub-region in close collaboration with the National Coordinators of the five participating countries. Project activities are implemented both at regional and national levels.

As a first step towards implementation of the project in the selected Mekong countries, a project Launching Ceremony accompanied by an Inception Workshop was conducted at Bangkok during 23-25 April 2019 followed by a Field Excursion on 26th April to Lampang Province, Chiang Mai, Northern Thailand for Thung Kwian Teak Plantation and Northern Seed Centre. The project launching ceremony and 1st PSC meeting was attended by Ms. Silke Herrliche, representative from the funding agency, the German Federal Ministry of Food and Agriculture (BMEL) and Mr. Athapol Chroenshunsa, Director General of Royal Forest Department, Thailand; Ms. Cludia, Counsellor for Food and Agriculture, German Embassy in Bangkok and Dr. Gerhard Dieterle, Executive Director of ITTO, Japan attend the meeting among other important dignitaries.

A Project Steering Committee or PSC, chaired by the Director General of the Royal Forest Department was established to oversee the implementation of the activities and approve expenditure, while the Project Technical Committee (PTC) constituted for the purpose supports the work of PSC through a periodic review of the implementation of the activities geared to the achievements of the Activity's objective. Besides ITTO, five participating countries and Kasetsart University, the project collaborate with various organizations, stakeholders and communities in order to effectively support the project implementation and dissemination of project results.

Enhancing Conservation and Sustainable Management of Teak Forests and Legal and Sustainable Wood Supply Chains in the Greater Mekong Sub-region

1. Background

Teak (*Tectona grandis* L.f.) with its outstanding physical and aesthetic qualities is recognized as one of the most important and valuable hardwoods in the world. Natural and planted teak forests are found in about 70 tropical countries in Africa, Asia and Latin America. Given the importance of teak's prominent position in the global timber market and its potential to contributing to national economic growth and local livelihoods, the International Tropical Timber Council (ITTC) at its 53rd Session in Peru in 2017 approved an activity entitled “*Enhancing Teak Management*” under ITTO Biennial Work Program for 2018-2019 as a comprehensive global activity to improve the management and marketing of both natural and planted teak in all three tropical regions. The ITTO project “*Enhancing the conservation and sustainable management of teak forests and legal and sustainable wood supply chains in the Greater Mekong Sub-region*”, is funded by the Federal Ministry of Food and Agriculture (BMEL), Government of Germany. The signing ceremony of the agreement between ITTO and the Government of Germany for the commitment of funds to the project took place during the International Tropical Timber Council (ITTC) at its 54th Session in Yokohama, Japan on 6 November 2018. The first stage of this activity in the Greater Mekong Sub-region consisting of 5 participating countries began with the launch of the project in Bangkok, Thailand on 23rd April, 2019. The participating countries include Cambodia, Lao PDR, Myanmar, Thailand, and Vietnam.

2. Objectives

The aim of the project is to assist governments, local communities and smallholders to enhance natural teak forest management, production and marketing to facilitate the establishment of legal and sustainable wood supply chains while improving local economy and local community's livelihood in the Greater Mekong sub-region (GMS).

The specific objectives are:

1. The conservation of teak genetic resources, sustainable management and use of natural teak forest and market access of teak from legal sources.
2. Community based smallholder teak forest management and agroforestry systems with improved legal and sustainable supply chains
3. Regional and international collaboration, information sharing and knowledge management, networking, policy development and outreach on the sustainable management of teak forests.

3. Target areas in participating countries

The project areas cover 5 countries in the GMS, namely Cambodia, Lao PDR, Myanmar, Thailand and Vietnam. The implementing agencies are;



Myanmar: Forestry Department/Forest Research Institute (FRI)



Lao PDR: National Agriculture and Forestry Research Institute (NAFRI)



Cambodia: Forestry Administration (FA)



Thailand: Royal Forest Department (RFD) and Kasetsart University (KU)



Vietnam: Vietnamese Academy of Forest Sciences (VAFS)

4. Map of Activity area



The geographic locations of the pilot areas have been selected after due consultations with the collaborating agencies during the fact-finding mission. Brief situations and pre-identified pilot sites in each of the participating countries include the following:

4.1 Cambodia

Natural teak forests do not occur in Cambodia, but the establishment of planted forests has been promoted by the Ministry of Agriculture, Forestry and Fisheries (MAFF) in open forest areas, degraded mountainous areas and watersheds that are strongly affected by soil erosion (Agricultural Sector Strategic Development Plan 2014-2018). Teak plantations have been established on a very limited scale comprising only ca. 2,700 ha on national level, 80% of which have been planted by a private investor in an Economic Land Concession.

Target sites in Cambodia include Han Chey Mountain, Han Chey commune, Kampomng Seam district, Tuol Kleing commune, Steung Trang district, Kampong Cham province and Tbong Khmum district, Tbong Khmum province. Han Chey Mountain is located along the banks of the Mekong River in Cambodia and it is an important watershed supporting both provincial and local livelihoods. Total about more than 215 ha of teak and planting it on fertile soil, located ca. 2 km within the Mekong River. RECOFTC-Cambodia has had long experience working with this community.



Dr. Dany Chheang, National Coordinator, Forestry Administration, Cambodia

4.2 Lao PDR

Teak is a priority native species in Lao PDR. In the 1970s the country had about 70,000 ha natural teak forests, of which, in 2010, about 1,500 ha are left. They are mainly located in Provincial Protected Areas in Xaignabouri Province in north-western Laos and are exempted from logging. In addition, teak has been established by private companies and rural communities in plantations and agroforestry production systems on an estimated 36,000 ha that are mainly located in Northern provinces (Luang Prabang, Bokeo). The establishment and sustainable management of community-based teak plantations is explicitly promoted by the Department of Forestry.



Mr. Vongvilay Wongkhamsao, National Coordinator, NAFRI, Lao PDR

Target sites in Lao PDR include Ban Kok Gnew Commune, Luang Prabang District. The commune comprises 56 households who have established ca. 90 ha of teak plantations that received Forest Stewardship Council (FSC) certification in 2012. Since then, the community has sold 180 m³ certified timber to Chinese operators. WWF-Laos has been working for years with rural communities on teak management, particularly in Luang Prabang Province and would be able to continue this cooperation under the ITTO-Activity.

4.3 Myanmar

Natural teak forest is dominant in Myanmar; thus the country plays a significant role in the global teak trade. Myanmar has the largest area of natural teak forests (almost 50 percent of 29 million ha in the GMS) and is the number one producer of natural teak logs in the world. Natural teak forests are traditionally managed under the Myanmar Selection System (MSS) and the Modified Myanmar Selection System (MMSS). Planted teak area in Myanmar covers approximately 390,000 ha. Currently, the teak plantations are still young and produce only low-dimensional logs from thinnings.

In recent years, substantial new policy regulations have been imposed to support the conservation and sustainable management of teak forests. From 1st April 2014, Myanmar has introduced a log export ban to promote local processing, which triggered a rapid increase in the global demand for high-quality logs. In 2016 the Myanmar Reforestation and Rehabilitation Programme (MRRP, 2017- 2026) has stipulated a 10-year logging ban in the natural forests of the Bago Yomas mountain range (“the home of teak”) that is accompanied by a comprehensive program of reforestation and enrichment planting to regenerate the forest and rehabilitate its growing stock. In the rest of the country, the level of the Annual Allowable Cut (AAC) was lowered by 50% to make up for the widespread illegal logging along the border areas with China, India and Thailand.

Target sites: The District Forest Office at Toungoo (ca. 120 km south of Nay Pyi Taw) supports ca. 45 community user groups in forest establishment and natural teak management. Toungoo District and the Bago Yomas mountain range are considered the “home of teak”. The Myanmar Timber Enterprise (MTE) operates a training center about 18 km from Toungoo Township that could be used for purposes of the Activity.



Dr. Zar Chi Hlain of FRI, Myanmar

4.4 Thailand

Thailand has the second largest area of natural teak forests (after Myanmar) at an estimated 8.7 million ha, all of which are located in protected areas. A complete ban on logging in natural forests was introduced in 1989, which may have contributed to the recovery of natural teak forests that have been intensely harvested in northern Thailand since the end of the nineteenth century. The logging ban is still in force and its reversal is unlikely. The focus of the policy shifted towards an emphasis on forest protection and conservation, setting aside wood production targets. Today, ca. 32 percent of the total land area is still covered by forests, mainly located in remote and inaccessible areas or in national parks, where protection measures are more strictly enforced.

The Thai natural teak forests display a high genetic diversity and form the genetic resource base for the production of teak germplasm (seedlings and clones) that is globally used in many tropical countries for plantation establishment, often without knowledge of its provenance or origin. Thailand has a history of more than 100 years of establishing and managing teak plantations, which have expanded today to an estimated 836,000 ha.

Target sites: The Khunmae kummae community-based teak plantation is about 30 km from Rongkwang District, Phrae Province (ca. 250 km east of Chiang Mai). The size of the plantation is ca. 4,200 ha. The Forest Industry Organization (FIO) operates a Teak Technology Transfer and Product Development Center, including a sawmill, in Rongkwang District, that could be used as training center for activity purposes. In addition, FIO operates a teak furniture factory in Bang Phó (west of Bangkok) with chain-of-custody certification.



Mr. Suchat Kalyawongsa,
RFD, Thailand

4.5 Vietnam

Teak was introduced in Vietnam by the French at the turn of the century - largely in parks and along road sides. Southern regions were more suitable and small-scale plantings were made from 1952; these suffered losses from war and land trespass. Post-war efforts have established some 2,000 ha of teak plantations, of which 5% is now older than 30 years. Most plantations have been established in the Taungya System as a mixture with food crops (rice, maize, green bean, soya), for which a silvicultural management system has been developed that allows for the production of high-value timber.



Dr. Tran lam Dong, VAFS, Vietnam

The forestry sector has focused on tree breeding and development of propagation technologies by cuttings and tissue culture, mainly for pine, eucalypts and acacia, which will greatly increase the productivity and effectiveness of forest plantations. Teak improvement programs to produce high-performance clones are under development. The existing ca. 2,700 ha planted teak forests are of poor quality with unknown genetic origin. Further, developing the teak sector requires the use of good-quality planting material. So far, the marketing of Vietnam-Teak is not well developed due to the small size of the planting area and the young age of the trees, however the processing of teak imported from other countries is expanding in Vietnam's timber industry.

Target site is located in Thanh Hóa Province (ca. 150 km south-west of Hanoi) a teak plantation, which was established in 1997-1998 under the government-funded Re-green Barren Hills Program at the Sim Forest Protection Management Board. The plantation has an area of ca. 100 ha in Nhu Xuan and Nhu Thanh districts. The Sim Forest Protection Management Board has still around 150-200 ha that are available for teak planting.

5. Project implementation

With the guidance of Royal Forest Department, Thailand, Kasetsart University has been nominated as Implementing Agency for the Thai component. The Faculty of Forestry of Kasetsart University, Thailand has nominated Prof. Yongyut Trisurat as the Regional Activity Manager ((Project Leader) with approval of ITTO, Japan to coordinate the implementation of project activities in the GMS in close collaboration with the National Coordinators of the five participating countries.

6. Launching Ceremony

Launching ceremony was on 24 April 2019 at Chaophaya Park Hotel, Bangkok, Thailand



Launching Ceremony

Photo left to right: Dr. Ladawan Puangchit Vice President of Kasetsart University; Prof. Dr. Sanit Aksornkae, Senator-Thailand; Mr. Athapol Charoenshansa, Director General of the Royal Forest Department; Mr. Jan Scheer, Deputy Head of Mission and Head of Economic Section, German Embassy to Thailand; Dr. Gerhard Dieterle, Executive Director of ITTO

As a first step towards implementation of the project in the selected Mekong countries, a project launching ceremony accompanied by an Inception Workshop was conducted at Bangkok during 23-25 April 2019 followed by a field excursion on 26th April to Lampang Province, Chiang Mai, Northern Thailand for natural and planted teak forests and teak-based UNESCO Men and Biosphere Reserve.

The sustainable management of teak forests and the nurturing of legal and sustainable supply chains can make valuable contributions to the Sustainable Development Goals in the Greater Mekong Sub-region, according to speakers at the launch of ITTO teak project in Bangkok, Thailand, on 23 April 2019.

6.1 Programme

Time	Item
10:00 – 10:30 hrs	Registration
10:30 – 11:10 hrs	Opening Ceremony
	Welcome remarks by <ul style="list-style-type: none"> • Mr. Athapol Charoenshansa, Director -General, Royal Forest Department, Thailand • Dr. Ladawan Puangchit, Vice- President of Kasetsart University • Ms. Silke Hertrich, Representative of the German Federal Ministry of Food and Agriculture • Mr. Jan Scheer, Deputy Head of Mission and Head of Economic Section, German Embassy to Thailand • Dr. Gerhard Dieterle, Executive Director, International Tropical Timber Organisation (ITTO), Japan
11:10 – 11: 50 hrs	Keynote Address
	<ul style="list-style-type: none"> • Senator Prof. Sanit Aksornkoe, Thailand Parliament <i>“Sustainable Forest Management for Economic Promotion in Thailand”</i> • Dr. Suwan Tangmitcharoen, Senior Expert, Royal Forest Department, Thailand <i>“Gene conservation, Research and Development of Teak (Tectona grandis L.f.) in Thailand”</i>
11:50 – 12:00 hrs	Concluding remarks

Teakwood production and processing have enormous potential to contribute to the livelihoods of local communities and the economic development of nations. The Greater Mekong Sub-region is the origin of the world’s teak genetic resources, and the Lao People’s Democratic Republic, Myanmar and Thailand have important natural teak forests.

The ITTO project “**Enhancing the conservation and sustainable management of teak forests and legal and sustainable wood supply chains in the Greater Mekong Sub-region**”, is funded by the Government of Germany. Among other things, it will assist the five participating countries—Cambodia, the Lao People’s Democratic Republic, Myanmar, Thailand and Viet Nam—to conserve unique natural teak forests and their gene pools; increase incomes for forest communities and smallholders; improve wood processing and marketing; and enhance regional collaboration and coordination in teak management.

Speaking at the project launch, Prof. Sanit Aksornkoe, Senator of Thailand’s National Assembly, said the economic, social and conservation values of sustainable forest management (SFM) are huge, and integrated SFM plans are essential for Thailand’s economic development. He thanked ITTO for its long partnership with Thailand and other countries in the Greater Mekong Sub-region to increase capacity in SFM. The Thai Government, he said, had enacted a number of forest and land-related laws in recent years to enable farmers to promote teak farming in their homesteads and harvest for better economic benefits. “We need to promote sustainably produced wood products both for local consumption and for export for increased economic and social welfare and also for enhanced environmental contributions towards global climate-change action,” said Senator Aksornkoe.



Prof. Sanit Aksornkoe, Senator of Thailand’s National Assembly

Mr. Athapol Charoenshunsa, Director General of Thailand’s Royal Forest Department, said the Royal Thai Government had recently amended six forest-related laws to enhance local people’s participation in the co-management of forest resources to meet their needs and wellbeing and to assist in achieving the national target of maintaining at least 55% of the country’s land area as forest. Mr Charoenshunsa said that, under the 2019 Forest Plantation Act, trees—including teak—planted on private property and in permitted areas would no longer be listed as protected but would rather be regarded as “economic species”, thus permitting tree owners to harvest them. “The ITTO teak project is highly relevant to the Greater Mekong Sub-region and has started at the right time to

support the National Policy on Green Growth Economy towards the expansion of production forests in Thailand,” said Mr Charoenshunsa.



Mr. Athapol Charoenshunsa, Director General of Thailand's Royal Forest Department



Dr Gerhard Dieterle, ITTO Executive Director

ITTO Executive Director Dr Gerhard Dieterle thanked the Government of Germany and its Ministry of Food and Agriculture, as well as the governments and institutions in the five participating Mekong countries, for their commitment to the establishment of legal and sustainable wood supply chains in the Greater Mekong Sub-region through ITTO. The aim of ITTO's Legal and Sustainable Supply Chains Programme, he said, is to assist tropical countries in pursuing enabling policy, institutional and financial conditions and incentives in a coherent and forward-looking way. Dr. Dieterle said the teak project would give practical effect to the recommendations of the Special Report of the Intergovernmental Panel on Climate Change, which was published in October 2018. "Sustainably produced wood has a demonstrated capacity to assist in the transition towards a circular bioeconomy, from the tree in the forest to the shelves of finished products in the market," said Dr Dieterle.

Dr Ludawan Puagchit, Vice President of Kasetsart University, said she appreciated the opportunity for her university to join the ITTO teak project. The involvement of academic institutions in government programmes of this nature would not only help improve the quality of implementation, she said, but also provide new opportunities for staff to take part in research and development activities of international importance.

Mr. Jan Scheer, Deputy Head of Mission and Head of Economic Section, German Embassy to Thailand, said that, over the years, the highly valuable teak forest resource had declined both in quality and extent and may further decline unless urgent steps are taken. He recalled the long life of teakwood furniture products and stressed the importance of promoting the economic development and climate-change benefits of sustainable teak management. Mr. Scheer said the ITTO teak project would play an important role in the region, and he called for ambitious action, an inclusive approach and greater regional cooperation to ensure project success and to increase the benefits accruing to local communities and smallholders.



Mr. Jan Scheer, Deputy Head of Mission and Head of Economic Section, German Embassy to Thailand



Ms. Silke Hertrich, BMEL giving felicitation address

Ms Silke Hertrich, German Federal Ministry of Food and Agriculture, said the key to success was regional cooperation and good communication. There was clear political will in Germany to support efforts towards SFM, she said. The project would contribute to the sustainable use of a valuable resource through legal supply chains as well as to climate-change mitigation and the conservation of genetic resources. Ms. Hertrich said she looked forward to close regional collaboration in implementing the project in the Greater Mekong Sub-region.

Dr Suwan Tangmitcharoen, from Thailand's Royal Forest Department, said more research and development, partnerships and networking for the *in situ* and *ex situ* conservation of teak genetic resources was essential for ensuring the sustainable management of teak forests in the sub-region.

7. 1st Project Steering Committee (PSC) and Project Technical Committee (PTC) meeting

A Project Steering Committee or PSC, chaired by the Director General of the Royal Forest Department was established to oversee the implementation of the activities and approve expenditure, while the Project Technical Committee (PTC) constituted for the purpose supports the work of PSC through a periodic review of the implementation of the activities geared to the achievements of the Activity's objective.



1st Meeting of Project Steering Committee and Project Technical Committee on 23 April 2019 @ Chaophaya Park Hotel, Bangkok, Thailand

7.1 Project Steering Committee

The PSC monitors the overall strategic management of the Activity and ensures that it proceeds in a timely, efficient and effective manner in accordance with its work plan and other aspects of the Activity document. The PSC meeting is scheduled to be conducted at least once a year with venues and agendas to be drafted and discussed among the Country Coordinators of the five participating countries.

7.2 Project Technical Committee

The PTC consists of technical team members of the national partner agencies and will meet at least one a year in conjunction with Project Steering Committee meetings or major events of the Activity such as regional workshops. PTC performs the following duties: 1) collaborate with counterparts in 5 participating countries to facilitate project implementation, 2) monitor activities conducted by project staff, 3) provide information to project teams to facilitate project implementation, 4) coordinate with national and international consultants to effectively implement the assigned tasks, and 5) supervise the Regional Activity Manager in preparing progress reports and work plans as required by the ITTO.

The 1st Project Steering Committee meeting was held on 23rd April at Bangkok where, Ms. Silke Hertriche, representative from the funding agency, the German Federal Ministry of Food and Agriculture (BMEL) and Mr. Athapol Chroenshunsa, Director General of Royal Forest Department,

Thailand; Ms. Cludia, Counsellor for Food and Agriculture, German Embassy in Bangkok and Dr. Gerhard Dieterle, Executive Director of ITTO, Japan attend the meeting among other important dignitaries.

The PSC and PTC comprises the following members.

1. Mr. Athapol Charoenshunsu, Director General of Royal Forest Department, Thailand
2. Dr. Nikhom Laemsak, Dean, Kasetsart University Faculty of Forestry
3. Prof. Yongyut Trisurat, Regional Activity Manager (Project Leader), Kasetsart University, Thailand
4. Ms. Silke Hertrich, Federal Ministry of Food and Agriculture, Germany (Donor agency)
5. Dr. Gerhard Dieterle, Executive Director, ITTO, Yokohama, Japan (Executing agency)
6. Dr. Ma Hwan-ok, Project Manager, Forest Management Division, ITTO Secretariat, Japan
7. Dr. Tetra Yanuariadi, Project Manager, Forest Industry Division, ITTO Secretariat, Japan
8. Mr. Sapol Boonsermsuk, National Project Coordinator, Royal Forest Department, Thailand
9. Dr. Suwan Tangmitcharoen (Chairman, Project Technical Committee), Royal Forest Department
10. Mrs. Claudia Ebach, Counsellor for Food and Agriculture, Germany Embassy, Bangkok, Thailand
11. Mrs. Kanokwan Saswattacha, Representative of the GTZ, Germany
12. Mr. Bumroong Sangphan, Director General of Department of National Parks (DNP)
13. Ms. Pornpen Warawilawan, Managing Director of Forest Industry Organization
14. Dr. Dany Chheang, National Coordinator, Forestry Administration, Cambodia
15. Mr. Vongvilay Wongkhamsoo, National Coordinator, National Agriculture and Forestry Research Institute (NAFRI), Lao PDR
16. Dr. Thaug Naing Oo, National Coordinator, Forest Research Institute (Forest Department), Myanmar
17. Dr. Tran Lam Dong, National Coordinator, Vietnamese Academy of Forest Sciences (VAFS), Vietnam
18. Mr. Pipat Chninyutthawong, President of Forestry Alumni Association
19. Mr. Suchat Kalyawongsa, Director of Research and Forest Development Office, Royal Forest Department
20. Director of Forest Plantation Extension, Royal Forest Department
21. Dr. Saroj Wattanasuksakul, Senior Expert, Non-Timber Forest Products, Royal Forest Department
22. Director of Nursery Division, Royal Forest Department
23. Director of Silviculture Division, Royal Forest Department
24. Mr. Narongchai Chonlapap, Forest Industry Organisation, Royal Forest Department
25. Director of Protected Area Rehabilitation and Development Office, Royal Forest Department
26. Dr. Saroj Wattanasuksakul, Senior Expert on Non-Timber Forest Products, Royal Forest Department
27. Mrs. Yinglak Pathiyawetha, Chair, Thailand Private Forest Plantation Cooperatives.

In the PSC meeting, the country partners (National Coordinators) presented the target areas identified for the project activity as outlined in the Minutes of the 1st PSC meeting at the end of this document. Besides the above members, the following consultants also took part in the PSC and PTC meeting.

7.3 National Consultants

- 28. Dr. Chumnun Piananurak, Thailand
- 29. Mr. Thiti Wisarat, Thailand
- 30. Ms. Nopprat Manavankun, Thailand

7.4 International Consultants

- 31. Dr. Promode Kant, India
- 32. Dr. PK Thulasidas, TEAKNET, India

7.5 Monitoring and reporting

The ITTO Secretariat is the Executing Agency with overall responsibility for the implementation of the teak project. ITTO provides advisory services and technical expertise to the Project Team in managing the Activity and the Consultants in the implementation of activities on the ground. Monitoring and reporting is being conducted in accordance with the “ITTO Manual for Project Monitoring, Review and Evaluation (Third Edition-2009).”

7.6 Project activities

Project activities are implemented both at regional and national levels. Important activities include: establish demonstration plots for sustainable teak management; review and analyse opportunities for improved market accesses of teak wood and teak products from legal and sustainable sources; carry out a teak value chain analysis of smallholders to increase their access to markets; conserve teak genetic variation through improved management of existing seed production areas; seed orchard, and provenance/progeny trials, support and facilitates teak networking in the Mekong sub-region through TEAKNET; and organise workshops and training programs to facilitate policy dialogue, information sharing and knowledge management etc.

Dr. MA Hwan-ok from ITTO Secretariat briefly outlined the overall structure of the project and Prof. Yongyut Trisurat, Regional Project Leader outlined the implementation arrangements made for the project in the 5 participating countries with the National Coordinators.



Prof. Yongyut Trisurat, Regional Project Leader



Dr. MA Hwan-ok from ITTO Secretariat

Dr. Tetra from ITTO secretariat gave a short presentation of the rules and procedures for reporting the project results and cash flow and financial statements. Followed by this, the project leaders of five participating countries presented the 1st year plan of operation of the project in the respective selected regions in each country.



Dr. Tetra from ITTO secretariat

The PSC reviewed the arrangements made and approved the project components with changes suggested by the project partners with the concurrence of ITTO and BMEL. The Project Technical Committee chaired by Dr. Suwan

Tangmitcharoen evaluated the work plan presented by each participating country. Dr. Thulasidas from TEAKNET made a short presentation on the planned project activities, regional and international collaboration, networking and information sharing through TEAKNET platform and a bi-monthly short project newsletter to be published online was highlighted. The First Announcement of the 4th World Teak Conference 2020, which will be held in Ghana during 24-27 August was released on the occasion and distributed to the participants. Holding the 4th WTC in Ghana in 2020 is also part of the teak project and financial allocation to the tune of US\$ 52000 is envisaged for the organisation and participation of delegates from Mekong countries. The PSC also endorsed conduct of the First Regional Teak Workshop in Myanmar in September-October 2019 and requested Myanmar Forest Department to suggest a suitable date for the purpose.



Dr. Suwan Tangmitcharoen, Chairman, PTC, RFD, Thailand

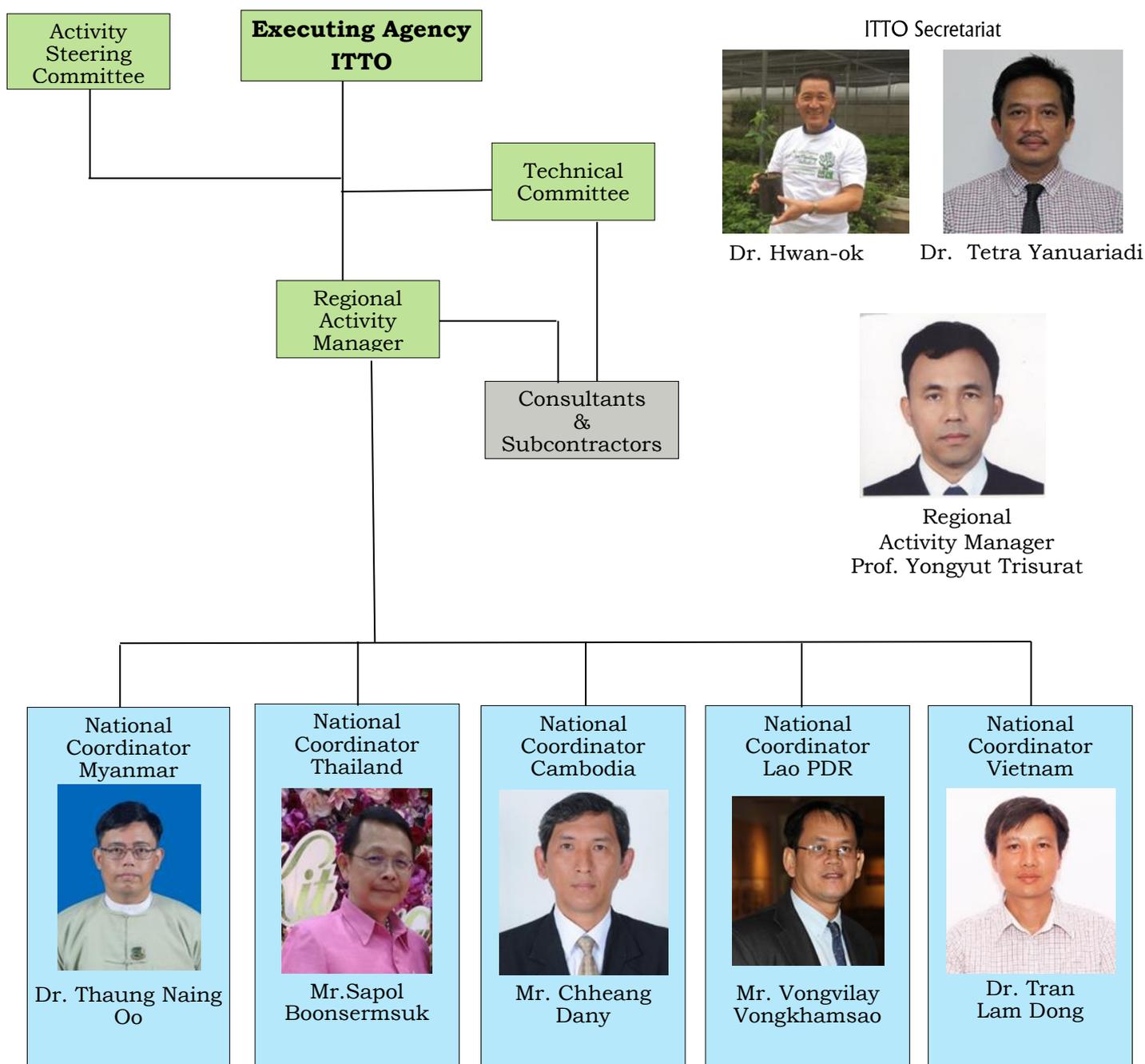
Progress reports of the project is intended to be produced bi-annually (every 6 months) and each Implementing Agency will submit its report to ITTO before 31 August and 28 February in each year of project implementation. Also, Project Progress Report have to be submitted to ITTO four weeks before the planned start of review mission, and at the point that funds shall be provided by ITTO for the progress of the work.

Financial Audit Report will be prepared by external auditor and submitted to ITTO in three months after the end of the financial year, and within four months after the completion of the Project. The execution of the financial audit report will be discussed and decided in due course.

The Activity/Project Completion Report will be submitted to ITTO within three months after the Project completion. In addition, ITTO will make sure the submission of all reports such as progress reports, technical reports, financial reports and others to BMEL in accordance with the project document and project agreement duly signed.

7.7 Project Management team

The Activity management team consists of the Regional Activity Manager (RAM), and five National Activity Coordinators to execute and coordinate activities in the recipient countries. The organizational structure of ITTO Teak project shown below explicitly depicts the different level of activity right from the Executing Agency up to the level of National Coordinators of the 5 participating countries that comprises the project management team.



8. Supporting Organizations, Partners, Stakeholders and Communities

Besides ITTO, five participating countries and Kasetsart University, the project collaborate with various organizations, stakeholders and communities in order to effectively support the project implementation and dissemination of project results. List of organizations, stakeholders and communities involved in the project activities are:

Organization	Role
Germany Embassy to Bangkok	Represent project donor
GTZ Office, Bangkok	Represent project donor
Department of National Parks, Wildlife and Plant Conservation	Conservation of natural teak forest in protected areas (e.g., national parks and wildlife sanctuaries), teak genetic conservation
President of Forestry Alumni Association, Thailand	Provide guidance to project team and consultants; disseminate project information to the alumni members
Asia-Pacific Forest Genetic Resources Program (APFORGEN)	Play a role in the conservation and sustainable use of the genetic diversity of trees in the region
TEAKNET	TEAKNET is an international teak information network that is hosted by the Kerala Forest Research Institute in Thrissur, India (Information Management; co-host 4 th World Teak Conference 2020 in Ghana)
RECOFT (The Center for People and Forests)	International NGOs based in Bangkok is involved in forest resource management in the Mekong countries for many years, especially community-based forest management. It is a potential Cons. 8: Forest Policy.

9. Field Excursion to Lampang Province, Northern Thailand, 25th April, 2019

The organisers arranged a field trip to the Lampang Province, Northern Thailand on 25th April after the 2-day workshop at Bangkok. The first visit was to Thung Kwian Teak Plantation being managed by the Forestry Industry Organization (FIO) of Thailand. Ms. Pornpen Warawilawan, Managing Director of FIO introduced missions and responsibilities of FIO, while Chief of Thung Kwian Teak Plantation presented activities of the station. FIO was established in 1947 under the Royal Forest Department and it was separated from the RFD as an independent agency under the Ministry of Agriculture and Cooperatives in 1956 and under the Ministry of Environment and Natural Resources. Currently, there are 245 forest plantations under the FIO covering approximately 190,000 ha across the country. Dominant planted species include teak, eucalyptus and rubber.



Participants at Thung Kwian Teak Plantation

At present, 32 plantation stations (including Thung Kwian Teak Plantation) are FSC certified, and few obtained FIO standard. Thung Kwian Teak Plantation is recognized as one of the best plantation under the FIO. It covers approximately 2,560 ha. Teak is the dominant planted species. FIO aims to be the leader of sustainable economic forest plantations to support the wood industry by 2023. The rotation period of planted teak is 50 years but thinning is being practiced when the tree reaches 6-10 years old and 20-30 years, respectively. The average annual growth rate of teak is 0.4 m³/year, which is below average than experiment plots planted with good quality seeds.



Dr. Ma, ITTO, stamping teak logs



Dr. Gerhard Dieterle, ED, ITTO during field trip

The second stop was to Northern Seed Center under the Royal Forest Department. The main responsibilities of this center are to conduct experiments for seed production and provide good quality seeds to selected stations. At this center, Ms. Chumnun Piananurak who was the former Chief of the Center and now the National Consultant introduced the various activities including the seed handling techniques, propagation by tissue culture, new breeds and ordinary seeds. Subsequently, the delegates visited the Ngao Silviculture Station. Ms. Chumnun Piananurak and Dr. Suwan Tangmitcharoen demonstrated various breeding techniques, and criteria for selection of teak plus trees in Thailand.



Ms. Chumnun Piananurak, National Consultant, explained teak seedling production at the Northern Seed Center, Lampang Province

Photos of Signing Ceremony for Teak Project at ITTC 54 on 6 Nov 2018, Yokohama, Japan



Gerhard Dieterle, Executive Director, ITTO, and **Matthias Schwoerer**, Germany, launching the project on Conservation and Sustainable Management of Teak Forests and Legal and Sustainable Supply Chains in the Mekong Region



Group photo following the launch of the project

Source: <http://enb.iisd.org/forestry/itto/ittc54/6nov.html>



Minutes of the 1st Meeting of the Project Steering Committee

ITTO Project (PP-A/54-331)

“Enhancing Conservation and Sustainable Management of Teak Forests and Legal and Sustainable Wood Supply Chains in the Greater Mekong Sub-region”

23 April 2019, Chaophaya Park Hotel, Bangkok, Thailand

Item 1. Opening of the Meeting

Mr. Suchat Kalyawongsa, Director of Forest Research and Development Office of Thai's Royal Forest Department (RFD), called the 1st meeting of the Project Steering Committee to open at 09:30 am on behalf of Mr. Athapol Charoenshunsu (Direct General of the RFD) and welcomed Ms. Silke Hertrich (representative of the German Federal Ministry of Food and Agriculture), Ms. Claudia Ebach (Counsellor for Food and Agriculture, German Embassy in Bangkok), Dr. Gerhard Dieterle (Executive Director of ITTO), Dr. Hwan-ok Ma (Project Managers of ITTO), and National Coordinators of Cambodia, Lao PDR, Myanmar, Thailand and Vietnam as well as participants from overseas countries. He underlined the importance of teak as a valuable hardwood in the world and its economic contribution to national development in Thailand and Myanmar and the establishment of the RFD in 1896 during King Rama V. He said natural teak forests in the Greater Mekong Sub-region have faced many issues including encroachment, and genetic resources loss and quality of planted teak has also been declined. On behalf of RFD as one of the implementing agencies and Chair of the PSC meeting, Mr. Kalyawongsa appreciated all national coordinators, professional members and international communities, especially the Federal Republic of Germany and ITTO to support the ITTO Teak Project in Mekong.

Ms Silke Hertrich, International Projects Program on Forestry, German Federal Ministry of Food and Agriculture (BMEL) appreciated the arrangement of the PSC meeting and all exhibitions. She confirmed the commitment of the BMEL to the project. In addition, she discussed the importance of this project to sustainable teak forest management and its relevance to local livelihood, regional economic development and global issues such as climate change mitigation, UN Sustainable Development Goals 2030 and biodiversity conservation. She expressed her appreciation to ITTO and the five implementing agencies for their support to the project.

On behalf of the German Embassy Bangkok, Claudia Ebach wished project partners the best of success in the implementation of the project. She pointed out that Germany was glad to cooperate for the sake of sustainable teak production in the Greater Mekong Region because consumers in Europe are becoming more and more interested in sustainable supply chains. She emphasized that when it comes to climate change, all nations are in the same boat; the conservation of precious carbon stocks in any forest benefits all people around the world. She pointed out that the best way to conserve forests is to use them in a sustainable way which. The project shows ways to do so and, at the same time, to allow local communities to improve their livelihoods by further using the potential of their rich natural resources.

Dr Gerhard Dieterle, Executive Director of ITTO, expressed his appreciation to the German Federal Ministry of Food and Agriculture for supporting the first phase of the Global Teak Project. He provided background information of the project and highlighted the importance of establishing legal and sustainable supply chains during the implementation of this project during 2019-2022. He also highlighted that the ITTO Teak Project in Mekong aimed at promoting more collaborative approach of the

implementing agencies to effectively achieve the common goal of improving supply chains at regional level. The progress of this project will be shared at the 4th World Teak Conference in Ghana in 2020 and potentially be replicated in South Africa and Latin America regions. He concluded his remarks by expressing his appreciation to the BMEL, German Embassy in Bangkok, the five participating countries, and Kasetsart University for their participation in the 1st PSC meeting.

The adopted agenda of the 1st Project Steering Committee meeting is attached to these Minutes as Annex I.

Item 2. Introduction of Participants and Group Photo

Subsequently the participants in the 1st Project Steering Committee meeting introduced themselves and group photos were taken. The list of participants in the 1st Project Steering Committee meeting is provided in Annex II.

Item 3. Review of the project structure and implementation

Dr. Hwan-ok Ma, ITTO Project Manager of Forest Management, gave a presentation on overall structure of the project. In respectful memories of historical development of teak forests in Myanmar and Thailand, he introduced Sir Dietrich Brandis (1824 – 1907) who worked with the British Imperial Forestry Service in colonial India and Burma and is considered the father of tropical forestry. Sir Brandis' dedicated work on sustainable management of teak and "taungya" system was highlighted. He also introduced King Chulalongkorn (1853-1910) who established the Royal Forest Department in 1896 with National Teak Forests systems in Chiang Mai. His presentation is provided in Annex III

Professor Dr. Yongyut Trisurat, Kasetsart University, Regional Project Leader, presented a consolidated inception report of the project compiling YPOs of the five implementing agencies, namely Lao National Agriculture and Forestry Research Institute (NAFRI), Cambodian Forest Administration, Myanmar Forest Research Institute (FRI), Thai Royal Forest Department (FRD), and Vietnamese Academy of Forest Science (VAFS). In addition, Kasetsart University has been assigned as the regional implementing agency with the assignment of Regional Project Leader to coordinate the project implementation in the region. For the operation of PSC and PTC (Project Technical Committee) members have been proposed for official appointment. Mr. Athapol Charoenshunsu, DG of RFD will serve as Chairman of PSC, while Dr. Suwan Tangmitcharoen acts as the Chairman of the PTC. Some consultants have been recruited, while the remaining are in the process. The budget amount for each participating country is the same as indicated in the project document. However, the yearly budget allocation is slightly different due to the break-down payment of the 1st installment for Consultant #7 and Consultant #9. In addition, the rescheduling of the 4th World Teak Congress from 2019 to 2020 was announced. Furthermore, the national coordinators have requested to slightly change budget allocation. Thus, the budget amount for year 1 was changed from USD 429,276 (34.7%) to USD 402,309 (32.5%). See Annex IV.

Ms Silke Hertrich, BMEL again expressed her appreciation for the arrangement of the PSC meeting and mentioned that the BMEL has kept high expectation from this project resulting in local livelihood improvement in the GMS and sustainable teak forest management at regional and global scales through improved supply chains. She also encouraged all players in this project, including ITTO, the five participating countries, KU and consultants to effectively work as a team in order to achieve the desired objectives and outputs.

Dr Tetra Yanuariadi, ITTO Projects Manager of Trade and Industry, presented an overview of ITTO project management, which includes project formulation steps, project implementation, project monitoring and evaluation, ITTO rules and procedures for reporting of project results and project cash flow and financial statements. He highlighted that the project monitoring and evaluation would be assessed based on the logical framework matrix providing measurable indicators and means of verifications which are elaborated in the inception report. The five implementing agencies shall submit the progress and financial reports bi-annually in accordance with the agreed schedules and presented in the form of ITTO's reporting format. At the end of the project term, unspent budget must be return back to ITTO. Project technical reports are also needed before the project completion along with articles for the ITTO Tropical Forest Update (TFU). See Annex V.

Item 4. Review of the first year Yearly Plan of Operation

Mr. Chheang Dany, the Cambodia National Coordinator, made a presentation on the workplan of the Cambodian's component. Cambodia started to grow teak with cotton (agroforestry) since 1936. Teak plantations have been established on a very limited scale comprising only ca. 2,700 ha on national level, 80% of which have been planted by private investors under the Economic Land Concession Program. Proposed target sites in Cambodia include Han Chey Mountain, Han Chey commune, Kampong Seam District, Tuol Kleing commune, Steung Trang District, Kampong Cham Province and Tbong Khmum District, Tbong Khmum Province. Cambodia received a total budget of USD 49,500 for 3 years which would be used for demonstration plots. The proposed budget for year 1 is 42% of the total budget. See Annex VI.

Mr. Vongvilay Vongkhamsoo, Lao PDR National Coordinator, presented 2019 work plan for Lao PDR. Agriculture and forestry contributed 23.5% of the total GDP in 2014. Nearly 80% live in rural areas and depend on forest resource for subsistence, especially non-timber forest products (NTFPs). In addition, 50% of the country area is under forest cover. Natural teak forests covering approximately 1.5 million ha are found in the north of the country. Teak plantations encompass about 50,000 ha and 98% of this have been planted by private investors in Luang Prabang Province. Lao PDR identified 102 locations of tree seed sources and 7 sites are teak. Lao PDR is recognized as a timber export country mainly to China, Thailand and Vietnam. However, planted seedlings are from unknown sources and there is limited technical information on silvicultural practices and marketing for timber industry. Lao PDR received a total budget of USD 49,500 for 3 years for demonstration plots. The proposed budget for year 1 is USD 20,000 or 40% of the total budget See Annex VII.

Dr. Zar Chi Hlain, a staff of Myanmar FRI, presented the 2019 workplan of Myanmar component on behalf of Dr. Thaug Naing Oo, Director of FRI and Myanmar National Coordinator who was on duty in Korea. Natural teak forests and teak plantations provide goods and services for domestic consumption, as well as for export and it is recognized as one of the pillars of the State's economy. Myanmar has approximately 13.5 million of natural teak forests or nearly 50% of the global extent. However, natural teak forest area declined from 45% in 1999 to 38% in 2010. Teak plantations have been established extensively since 1970 using various approaches in particular Taungya system in the degraded natural habitats of teak across the country, mainly in the Bago Yoma, home of teak in Myanmar. Myanmar selected Tangoo District, Bago (East) province as the target sites for this project. Myanmar received a total budget of USD 170,000 (13.7%) for 3 years and is ranked as the second after Thailand. In addition, it hosts 2 consultants (Consultant #1 teak genetic resources; Consultant #4 Legality). The proposed budget for year 1 is USD 58,000 or 34% of the total budget. See Annex VIII.

Mr. Suchat Kalyawongsa, Director of Forest Research and Development Office of the Royal Forest Department presented the 2019 workplan of Thailand component on behalf of Mr. Sapol Boonsersuk who was on duty in Korea. Thailand has natural teak forest (deciduous forest with teak) ca 8.7 million ha, all of which are located in protected areas in northern Thailand. Teak plantations have been established more than 100 years, which have expanded today to an estimated 836,000 ha. Previously, the RFD proposed 5 demonstration plots: 2 smallholder plantations; 2 silviculture practices; 1 genetic improvement in Phrae and Lam Pang provinces. Another one potential plot is proposed in Nan province using the same budget amount. Final decision will be reported in next meeting. Mr. Sapol Boonsersuk (Director of International Cooperation Division of the RFD) acts as the Thailand National Coordinator, while Mr. Suthad Laosakul (Director of Silviculture Division) is the Deputy National Coordinator. Thailand component received USD 621,850 or 50.3% of the total budget fund. Approximately 41% is for personnel and staff, 3.6% for lump sum and 55.6% for meetings & conferences, travel and operation costs. The RFD will host 6 consultants. Four consultants have been recruited, while the remaining two consultants are in the process. The proposed budget for year 1 (2019) is USD 201,200 or 32.3%. In addition, the RFD requested to split the payment of consultant #8 from 1 year to 2 year at USD 6,000 per month and the payment for consultant #9 at USD 25,000 for 3 years (3 person-months) or USD 8,333 per month to 5 installments for 3 years at USD 5,000 per month. See Annex IX.

Dr. Tran Lam Dong, Vietnam National Coordinator, presented 2019 work plan for Vietnam component. There is no natural teak forests in Vietnam but teak plantation was introduced in 1950's. The total planted areas cover approximately 2,700 ha across the country except the Mekong Delta. VAFS identifies 4 target sites, namely Thanh Hoa (Demonstration model of nursery, silviculture), Son La

(smallholder teak planting survey), Dak Lak and Dak Nai (mother tree and seed production plantation selection). Vietnam will host Consultant #7 Value Chain Analysis and support Consultant #4 (Legality) and Consultant #5 (Silvicultural practices). Vietnam receives a total budget of USD 90,250 or 7.3% of the total project budget for 3 years used for consultant, lump sum, training, travel and operation costs (demonstration plots). The proposed budget for year 1 is USD 40,000 or 44.3% of the total budget See Annex X.

During his presentation, Dr. Tran Lam Dong pointed out that hosting Consultant #7 (Value Chain Analysis) would be difficult as it is not highly relevant to the on-going wood industry activities in Vietnam. However, Dr. Ma encouraged Vietnam to keep hosting the activity as the assignments (TORs) to the consultant are not specific to teak. VAFS can expand the scope or redirect the responsibilities to include other species such as rubber, *Acacia* spp., Eucalyptus. Experiences from this analysis can be applied to teak later. In addition, the analysis also covers other countries (e.g. Thailand, Lao PDR, Myanmar) that either import or export wood to Vietnam. After the discussion, VAFS agreed to retain Consultant #7 and its draft TORs in Vietnam component.

Due to limited budget allocation to some countries (e.g., Cambodia, Lao PDR, and Vietnam) but various activities to be conducted, Cambodia National Coordinator encouraged the project team to implement the project through a thematic approach in order to reduce cost and work load. For instance, consultants should discuss among themselves and develop questionnaires to obtain necessary data, and visit the project sites or project staff at the same time in order to reduce the operation cost. The PSC members acknowledged the proposal but its implementation was recommended as appropriately, taking into account each consultant work arrangement.

Item 5. Decisions and recommendations

5.1 The Project Steering Committee made the following decisions:

- 1) Endorse the Inception Report and overall work plan operation year 1 which included the consolidate and individual national work plan of the 5 participating countries from 01 March 2019 to 29 February 2020.
- 2) Endorse the proposal by the Regional Project Leader and the 5 national coordinators:
 - i. A total budget for year 1 of USD 429,276 (35%) previously proposed in the project document to USD 402,309 (32%) proposed in the consolidated report
 - ii. Split the payment for Consultant #4 Legality (Myanmar) of USD 12,000 previously proposed in 2019 to 2 year (USD 6,000 for each year)
 - iii. Split the payment for Consultant #9 Information Management & networking (Thailand) from USD 8,333 for each year to 5 installments or USD 5,000 for each installment
 - iv. Acknowledged the postponement of the 4th World Teak Congress from 2019 to 2020 (USD 52,000) to be convened in Ghana.
- 3) Endorse the proposal from Mr. Suchat Kalyawongsa of the Royal Thai Forest Department to include 1 more demonstration plot in Nan province in which the RFD has on-going activities by using the same budget amount.

5.2 The Project Steering Committee made the following recommendations:

- 1) The Regional Project Leader and national coordinators are requested to submit a project progress report and financial report in every 6 months in accordance with ITTO project guidelines and the project document.
- 2) Strengthen project activities on the ground in particular enhancing smallholders' participation and their capacity in the sustainable management of planted teak for livelihood improvements.
- 3) Promote outreach activities including updating regularly the project Facebook that was recently launched by the ITTO Teak Project in Mekong and issuing a regular on-line project newsletter
- 4) Myanmar Forestry Department is encouraged to speed-up the internal process in finalizing the signing MoU with ITTO.
- 5) Participation of Lao National Agriculture and Forestry Research Institute (NAFRI) in many project activities is encouraged so that NAFRI can facilitate Lao PDR's membership to ITTO
- 6) Encourage the five participating countries to share knowledge and experiences in the framework of regional cooperation so that common issues can be collectively addressed in a regional

approach. All activities and assignment for each consultant should not be undertaken in an isolation but they should be coordinated in a thematic program approach.

- 7) Make sure the enhancement of sustainable supply chains from the preparation of good quality materials (seedlings) to valued-added products as a pilot program of the ITTO Teak Project in Mekong seeking end-products/results orientation.

Item 6. Other Business

- 1) The PSC members recommended the 1st Regional Teak Workshop be held in Myanmar during September to October 2019. This meeting will be combined with the 2nd PTC meeting. The Myanmar National Coordinator will arrange this planned workshop.
- 2) The Project Steering Committee agreed to organize the 2nd PSC meeting before Songkran holidays (late February or early April) in 2020. More consultation will take place in the 2nd PTC meeting. Potential locations include Luang Prabang and Northern Vietnam.

Item 7. Closing of the Meeting

The meeting adjourned at 17.15 hr with vote of thanks to the Chairperson and all participants for various productive discussions towards the effective implementation of the project.

We the undersigned endorsed the minutes as a record of this 1st PSC meeting.

Date: May 2019

Location: Chaophaya Park Hotel, Bangkok, Thailand

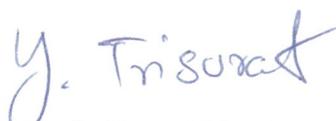


Ms. Silke Hertrich

Dr. Hwan-ok Ma

Representative of the German Federal Ministry
of Food and Agriculture (BMEL)

ITTO Project Manager



Mr. Suchat Kalyawongsa

Professor Dr. Yongyut Trisurat

Director of Research and Development Office,
Royal Forest Department, Thailand

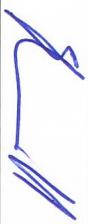
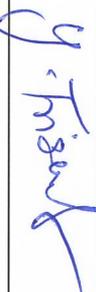
Regional Activity Manager, KU

1st MEETING OF PROJECT STEERING COMMITTEE (PSC)

DATE: TUE, 23 APRIL 2019 (10:00-12:00), VENUE: CHAOPHAYA PARK HOTEL, BANGKOK, THAILAND

ITTO Project: "Enhancing Conservation and Sustainable Management of Teak Forests and Legal and Sustainable Wood Supply Chains in the Greater Mekong Sub-region" (PP-A/54-331).

No.	Given name	Surname	Affiliation	Role	Signature	Remark
1	Nikhom	Laemsak	KU	Dean, Vcechair of PSC		
2	Silke	Herrich	Min. of Food and Agr.	Donor		
3	Dieterle	Gerhard Paul	ITTO	ED OF ITTO		
4	Hwan-ok	Ma	ITTO	Projects Manager		
5	Tetra	Yanuariadi	ITTO	ITTO Secretariat		
6	Claudia Andrea	Ebach	German Embassy	PSC member		
7	Kanokwam	Saswattecha	GIZ TH	PSC member		
8	Tran Lam	Dong	VAFS	National Coordinator		
9	Dang Thinh	Trieu	VAFS	Team member		

No.	Given name	Surname	Affiliation	Role	Signature	Remark
10	Vongvilay	Vongkhamkao	NAFRI	National Coordinator		
11	Dany	Chheang	FA, Cambodia	National Coordinator		
12	Sobon	Kim	FA, Cambodia	Team member		
13	SOPHEAP	LIM	FA, Cambodia	Team member		
14	KOSAL	KEO	FA, Cambodia	Team member		
15	VIT	YOU	FA, Cambodia	Team member		
16	KRAAMWINKEL	EUGENE	FA, Cambodia	Team member		
17	GUY	YOGEV	FA, Cambodia	Team member		
18	SINUON	SEM	FA, Cambodia	Team member		
19	Zar Chi	Hlaing	Forestry Dept.	Team member		
20	Mu Mu	Aung	Forestry Dept.	Team member		
21	Yongyut	Trisurat	KU	RAM		
22	Pipat	Chaninyutthawong	Forestry Alumni	PSC com.		

No.	Given name	Surname	Affiliation	Role	Signature	Remark
23	Bumroong	Sangphan	DNP	Tech. com.	B. Sangphan.	
24	Suchat	Kalyawongsa	RFD	PSC com.	S. Kalyawongsa.	
25	Saroj	Wattanasuksakul	RFD	PSC com.		
26	Yanyong	Kangkan	RFD	PSC mem.		
27	Suwan	Tangmitcharoen	RFD	PSC com./Chair of PTC		
28	Pornpen	Warawilawan	FIO	PSC com.		
29	Saichon	Mutarapat	ITTO Teak Project	Secretary		
30	Suchanart	Suyarat	ITTO Teak Project	Finance		
31	Chumnun	Piananurak		National Cons.		
32	Kant	Promode		International Cons.		
33	Thulassidas	Puthenpurayil Kumaran		International Cons.		
34	pardet	paom pan	FIO	pardet.paom@gmail		
35						

Annex I. Agenda of the First Meeting of the PSC.

ITTO Teak Project

“Enhancing Conservation and Sustainable Management of Teak Forests and Legal and Sustainable Wood Supply Chains in the Greater Mekong Sub-region”

Tuesday 23 April 2019, Chaophaya Park Hotel, Bangkok

First Meeting of Project Steering Committee (PSC)

Provisional Agenda

9:30 – 12:30

Item	Subject
Item 1	<p>Opening of the Meeting</p> <ul style="list-style-type: none"> • Remarks by the chairperson of the PSC (Mr. Athapol Charoenshansa) • Remarks by the donor representatives: Ms Silke Hertrich, International Projects on Forestry by the German Federal Ministry of Food and Agriculture (BMEL) and Ms Claudia Ebach, Counsellor for Food and Agriculture, German Embassy in Bangkok • Remarks by Dr Gerhard Dieterle, Executive Director of ITTO
Item 2	Self-introduction by the participants and Group Photo
Item 3	Review of the project structure and implementation
	<p>Project Steering Committee will receive presentations:</p> <ul style="list-style-type: none"> (i) ITTO Project Manager 1 (Dr Ma) will make a presentation on overall structure of the project (ii) Regional Project Leader (Prof Yongyut) will present implementation arrangements of the project (iii) Representative of the German Ministry of Food and Agriculture – BMEL (Ms Silke) will introduce BMEL rules and procedures relating to the implementation of the teak project (iv) ITTO Project Manager 2 (Dr Tetra) will make a presentation on ITTO project related rules and procedures for reporting of project results and project cash flow and financial statements
Coffee/Tea Break	
Item 4	Review of the first year Yearly Plan of Operation
	Five country project leaders/assistants (Cambodia, Lao PDR, Myanmar, Thailand, and Vietnam) will present the 1st year plan of Operation for each country
Item 5	Project Recommendations
	<p>Project Steering Committee will:</p> <ul style="list-style-type: none"> • Review, evaluate, approve and adopt reports presented at the PSC meeting • Discuss any issues arising from presentations, including possible modification/improvement to project implementation and/or the budget • Provide recommendations to contribute to effective implementation of the project <p>The chairperson may summarize the main recommendations made during the meeting</p>
Item 6	Other Business
	<p>Project Steering Committee will review:</p> <ul style="list-style-type: none"> • Organization of next PSC meeting (time and location) • Any other matters • Arrangements regarding the preparation and signing of the minutes
Item 7	Closing of the Meeting

Annex II. List of Participants and Group Photos.



Welcome remarks at the 1st PSC meeting by RFD, BMEL, German Embassy and ITTO



Group photo of PSC members



Launching Ceremony on 24 April 2019



Mr. Athapol Charoenshuns, Director-General of the RFD meets the press.



Field excursion (teak seedling preparation) in Lampang Province “Teak Villa”



Friends of ITTO Teak Project in Mekong at teak log yard at Thung Khwien Teak Plantation, Lampang Province



Teak exhibitions and posters



Teak products exhibition with complimentary from the RFD

Annex III

ITTO Teak Project: An Overview By Dr. Hwan-ok Ma



First Meeting of Project Steering Committee
23 April 2019, Bangkok, Thailand

Teak Project

Enhancing Conservation and Sustainable Management of Teak Forests and Legal and Sustainable Wood Supply Chains in the Greater Mekong Sub-region (PP-A/54-331)

Presented by Hwan-ok Ma, ITTO



Teak and Sir Brandis



Sir Dietrich Brandis (1824 - 1907):
German botanist and forester
Father of tropical forestry

https://en.wikipedia.org/wiki/Dietrich_Brandis

Sir Brandis

- In 1856 joined British civil service as superintendent of teak forests of Pegu division in E Burma (Myanmar)
- In 1858 became head of the imperial forest administration of all of British Burma
- He introduced "taungya" system (Agro-silviculture), in which Karen villagers provided labour for clearing, planting and weeding teak plantations.

In 1864 Brandis became Inspector General of Forests in India, a position he served in for 20 years. He formulated new forest legislation and helped establish research and training institutions.

Brandis' work included determination of teak volume, rate of growth, identifying rate of harvest, developing forest protection plans against pests and fire. He also introduced timber purchase rules, clearing rules and the establishment of managed teak areas with appointed *Conservators*.



Teak and King Chulalongkorn in Thailand



King Chulalongkorn (1853-1910)

1896 : Royal Forest Department (more than 120 years ago)

- National Teak Forests in Chaing Mai
- Teak concession system under RFD (sustainable teak supply to Britain)

Save Siam from colonization



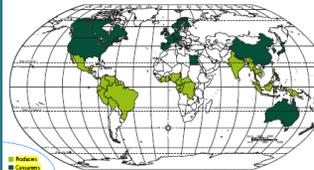
The **Vimanmek Mansion** (1900), a former royal villa in Bangkok; the world's largest golden **teakwood** mansion

3



The International Tropical Timber Organization (ITTO)

- ▶ An intergovernmental organization established in 1986; 73 members – consumer and producer memberships ; HQs – Yokohama, Japan; 30 Staff members
- ▶ Promoting the conservation and sustainable management, use and trade of tropical forest resources – Policy & Project Work



ITTO Teak Projects in Africa

Country	Project Title
COTE D'IVOIRE	CONTROLLING THE DIEBACK AND DECAY PHENOMENON IN PLANTATION SPECIES
	INTENSIFICATION OF TEAK FORESTRY
	DEVELOPMENT OF TEAK CLONING AND ESTABLISHMENT OF INDUSTRIAL PLANTATIONS
GHANA	VILLAGE-LEVEL REFORESTATION PLUS NUTRITION PROMOTION BY SELF-MOTIVATED COMMUNITY WOMEN'S GROUPS
	REFORESTATION OF THE ABUTIA PLAINS BY INDIGENOUS COMMUNITIES IN THE VOLTA BASIN
TOGO	PROJECT FOR A 2,500 HA TIMBER PRODUCTION PLANTATION IN THE RESERVED FOREST OF HAHO-BALOE (PLATEAUX REGION - TOGO) - PHASE I
	IDENTIFICATION AND PLANNING OF MEASURES FOR THE SUSTAINABLE MANAGEMENT OF TEAK PLANTATIONS IN TOGO



ITTO Teak Projects in Asia-Pacific

Country	Project Title
INDONESIA	DEVELOPMENT OF VALUE-ADDING PROCESSES FOR SHORT-ROTATION, SMALL-DIAMETER COMMUNITY TEAK PLANTATIONS IN JAVA AND EASTERN INDONESIA
INDIA	REGIONAL WORKSHOP ON PROCESSING, MARKETING AND TRADE OF QUALITY WOOD PRODUCTS OF TEAK PLANTATIONS INTERNATIONAL CONFERENCE ON QUALITY TIMBER PRODUCTS OF TEAK FROM SUSTAINABLE FOREST MANAGEMENT
MALAYSIA	IMPROVING UTILIZATION AND VALUE ADDING OF PLANTATION TIMBERS FROM SUSTAINABLE SOURCES IN MALAYSIA
MYANMAR	EX-SITU AND IN-SITU CONSERVATION OF TEAK (<i>Tectona grandis</i> L.F.) TO SUPPORT SUSTAINABLE FOREST MANAGEMENT
	TEAK-BASED MULTISTORIED AGROFORESTRY SYSTEM: AN INTEGRATED APPROACH TOWARDS SUSTAINABLE DEVELOPMENT OF FORESTS STUDY ON UTILIZATION OF PLANTATION TEAK
PAPUA NEW GUINEA	REFORESTATION OF TROPICAL SAVANNAH GRASSLAND WITH HIGH VALUED TEAK IN PAPUA NEW GUINEA



Global Teak Study (2017)



ITTO:

provided partial funding and commissioned a group of experts from IUFRO, FAO and TEAKNET to conduct a global teak study addressing best practices and lessons learned on the conservation of teak genetic resources and the sustainable management of teak forests in Africa, Asia and Latin America



ITTO Teak Project in Mekong

Project Title	Enhancing Conservation and Sustainable Management of Teak Forests and Legal and Sustainable Wood Supply Chains in the Greater Mekong Sub-region (PP-A/54-331)
Donor	Federal Ministry of Food and Agriculture of the Government of the Federal Republic of Germany (BMEL)
Starting	1 March 2019 - 28 February 2022 (36 months)
Implementing Agencies	Cambodia: Forestry Administration (FA) Lao PDR: National Agriculture and Forestry Research Institute (NAFRI) Myanmar: Forestry Department/Forest Research Institute Thailand: Royal Forest Department (RFD) and Kasetsart University (KU) Vietnam: Vietnamese Academy of Forest Sciences (VAFS)
Total Project Budget	USD 1,236,250 Executing & Implementing Agencies contributions in-kind



Natural Teak Forest, Myanmar

Photo © Walter Kollert



Planted teak forest, Thailand

Photo © Walter Kollert



Teak Project's Contribution to SDGs

Objective:

To demonstrate legal and sustainable teak supply chains with the engagement of local communities, smallholders and government actors in the Greater Mekong Sub-region

Expected contribution to SDGs:

contributes towards the achievement of the Sustainable Development Goals (SDGs), especially SDG15



Teak Project: Activity by Output 1

Output 1: The **conservation of teak genetic resources**, sustainable management and use of natural teak forests and market accesses of teak from legal sources have been improved

Activities:

- 1.1 Establish **demonstration plots** for sustainable teak forest management systems and pilot silvicultural systems including **coppicing** and **teak agroforestry practices** (e.g. bamboo management in natural teak forests) for livelihoods of local communities and smallholders (Myanmar, Thailand)
- 1.2 Review and analyze opportunities for **improved market accesses of teak wood** and teak products from legal and sustainable sources in the five participating countries.
- 1.3 **Conserve teak genetic variation** through improved management of existing seed production areas, seed orchards, and provenance/progeny trials (Lao PDR, Myanmar, Thailand).



Teak Project: Activity by Output 2

Output 2: Community-based and smallholders teak forest management and agroforestry systems have been strengthened with improved legal and sustainable supply chains

Activities:

- 2.1 Support local communities and smallholders through establishment of **demonstration plots and field training**; (1) seed production, (2) silvicultural practices and improved stand management, and (3) minimizing harvesting loss, efficient transport and processing of teak roundwood, and (4) supply chains and marketing (Cambodia, Lao PDR, Myanmar, Thailand, Vietnam).
- 2.2 Carry out a **teak value chain analysis** of smallholders to increase their access to markets by improved primary processing as well as capital and market information (Myanmar, Thailand, and Vietnam).
- 2.3 Facilitate the **establishment of teak-based forest user groups** for the sustainable use of teak forest resources and agroforestry (Myanmar).
- 2.4 Review and elaborate **policy options** to empower local communities and smallholders in planted teak and teak management, and agroforestry systems



Teak Project: Activity by Output 3

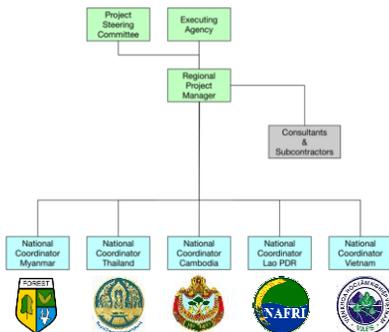
Output 3: Regional and international collaboration, information sharing and knowledge management, networking, policy development and outreach on the sustainable management of teak forests, including sustainable use of teak genetic resources have been strengthened

Activities:

- 3.1 Produce and disseminate **outreach and training material** on the conservation and sustainable management of teak forests and legal and sustainable supply chains.
- 3.2 Plan and organize **two regional teak workshops** to facilitate policy dialogue, information sharing and knowledge management, regional cooperation on sustainable management of teak forests and legal and sustainable supply chains
- 3.3 Support and facilitate **teak networking in the Mekong Sub-region** to promote the conservation and sustainable management of teak forest resources, including exchange of genetic resources
- 3.4 Support **4th World Teak Conference (2020) in Ghana** for improved global teak collaboration through sharing Mekong region's lessons



Teak Project Management Team



Signing Ceremony for Teak Project at ITTC 54 on 6 Nov 2018, Yokohama, Japan



Gerhard Dieterle, Executive Director, ITTO, and **Matthias Schwoerer**, Germany, launching the project on Conservation and Sustainable Management of Teak Forests and Legal and Sustainable Supply Chains in the Mekong Region



Looking forward to partnership!!!!

Thank you

Annex IV

Consolidated Inception Workshop
By Prof. Dr. Yongyut Trisurat



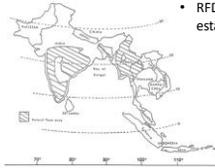
ITTO Project:
“Enhancing Conservation and Sustainable Management of Teak Forests and Legal and Sustainable Wood Supply Chains in the Greater Mekong Sub-region” (PP-A/54-331)

Inception Report
 By Prof. Yongyut Trisurat
 Regional Activity Manager, KU

ITTO Teak Project in Mekong



Background



Distribution of natural teak forest

- Teak (*Tectona grandis*) is recognized as one of the most important and valuable hardwoods in the world.
- RFD in Thailand and Forestry Dept. in Myanmar were established to manage teak logging cession.

Country	>1960	1976/1979	2010
1,000 ha			
India	?	8,900	6,810
Lao PDR	?	70	1.5
Myanmar	?	14,600	13,479
Thailand	16,000	5,850	8,744
Total	?	29,420	29,035

ITTO Teak Project in Mekong



Teak Plantation

Estimated areas of teak plantations (ITTO & FAO, 2010)

Region/country	Area (1,000 ha)		
	FAO (2011)	ITTO (2009)	Estimated extension
Asia	440	224	224
China	120	140	140
India	26	2	20
Thailand	12	64	64
Vietnam	?	?	?
Other	?	?	?
Africa	120	120	140
Latin America	40	26	10
Sub-Saharan	22	13	10
Global total	628	582	582

Issues

- Natural teak forests are **reduced substantially** in all native teak growing countries.
- Old-growth high-quality teak stands have declined significantly resulting in a **high risk of genetic lose**.
- Planted teak forests are of **poor quality and unknown genetic origin**.

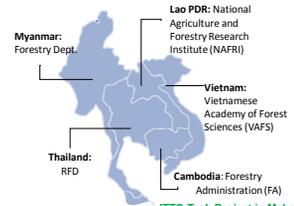
ITTO Teak Project in Mekong



ITTO: Executing Agency Implementing Agencies

At ITTC 53 in 2017, the Council approved an activity entitled “**Enhancing Teak Management**” aiming at improving the management and marketing of both natural and planted teak in all three tropical regions.

Also at ITTC 53, the **Government of Germany (BMEL)** pledged funds to implement the first stage in the GMS.



ITTO Teak Project in Mekong



Signing Ceremony for Teak Project at ITTC 54 on 6 Nov 2018, Yokohama, Japan



Gerhard Dieterle, Executive Director, ITTO (left), and Matthias Schwoerer, Germany (right),

ITTO Teak Project in Mekong



12 Dec 2018
 Invited KU to be RAM

18 Jan 2019
 Duly signed MoU b/w ITTO and KU

8 Feb 2019
 NOL to endorse KUFF to engage as “RAM”



n Mekong



Objective

To demonstrate legal and sustainable teak supply chains with the engagement of local communities, smallholders and government actors in the Greater Mekong Sub-region

Output 1: The conservation of teak genetic resources, sustainable management and use of natural teak forests and market accesses of teak from legal sources have been shown

Output 2: Community-based and smallholders teak forest management and agroforestry systems have been strengthened with improved legal and sustainable supply chains

Output 3: Regional and international collaboration, information sharing and knowledge management, networking, policy development and outreach on the sustainable management of teak forests strengthened

ITTO Teak Project in Mekong



See Log Framework matrix (pg. 5-6)

Strategy of intervention	Measurable indicators	Means of verification
Objective To demonstrate legal and sustainable teak supply chains etc. in the GMS	1) The capacity and capability of local communities, smallholders, and government actors in the participating countries have been enhanced (>30,000 ha) 2) Programs/action plans for demonstration plots maintenance and development, 3) More accurate and reliable data and information on regional teak forest resources and markets access are available. 4) Policy reforms for improved legal and sustainable supply chains for teak wood and wood products.	1) Activity reports, study reports and minutes of meetings. 2) Management plans, maps and databases 3) Teak market reports 4) Policy briefs and workshop recommendations
Output 1: The conservation of teak genetic resources, sustainable management and use of natural teak forests etc. shown	1) Demonstration plots have been established. 2) At least 15 existing seed production areas in natural teak forests have been documented and mapped 3) Recommendations on (a) in-situ and ex-situ conservation of teak genetic resources and (b) regional quality standards for teak planting material etc. 4) Opportunities for improved teak market accesses have been elaborated and considered.	1) Digitised location maps. 2) Management guidelines and training reports. 3) Activity report on quality standards for teak planting material. 4) Policy reports for teak



Strategy of intervention	Measurable indicators	Means of verification
Output 2: Community-based and smallholders teak forest management and agroforestry systems have been strengthened with improved legal and sustainable supply chains	1) Households in rural communities have benefitted through employment or higher income generated by the improved conservation of teak genetic resources and the establishment of sustainable supply chains in teak plantations or agroforestry systems. 2) At least 30 community members in each participating country have been trained in 4 courses. 2) At least 5 teak-based forest user groups are established or strengthened in Myanmar 3) At least three studies for a value-chain-analysis for teak products has been implemented and are available on the Internet 4) Sustainable supply chains of legal sources of teak wood have been established in 3 pilot areas	1) Activity reports and management plans of pilot areas 2) Activity reports on teak-based forest user groups 3) Study report analysing value chains for teak products 4) Surveys in local communities on law enforcement activities
Output 3: Regional and international collaboration, information sharing and knowledge management, networking, etc.	1) At least 10 technical reports and/or studies have been uploaded on the Internet and are publicly available. 2) Two regional workshops in the beginning and at the end of the Activity have been implemented. 3) Problem and challenges in the GMS has been shared in the 4th World Teak Conference 2020 in Ghana	1) Teak-website 2) List of participants of the regional teak workshops 3) List of participants of the World Teak Conference



Output & Activity

Description

Pages 7-8

Output/Activity	Description
Output 1 A 1.1 A 1.2 A 1.3	The conservation of teak genetic resources, sustainable management and use of natural teak forests and market accesses of teak from legal sources have been improved. Establish demonstration plots for sustainable teak forest mgmt. systems and pilot silvic. system including coppicing as a regeneration method and teak agroforestry practices (e.g. bamboo mgmt. in natural teak forests) in on-farm teak growing for livelihoods of local communities and smallholders (Myanmar, Thailand) • Recruit const. #3 Mgmt. System for Teak Review and analyze opportunities for improved market accesses of teak wood and teak products from legal and sustainable sources in the five participating countries • Recruit const. #4 Legal (Vietnam) Conserve teak genetic variation through improved management of existing seed production areas, seed orchards, and provenance/progeny trials (Lao PDR, Myanmar, Thailand) • Recruit const. #1 Teak Genetic Res.; Cons.# 2 Quality Plant. Material

ITTO Teak Project in Mekong

Output 2 A 2.1 A 2.2 A 2.3 A 2.4	Community-based and smallholders teak forest management and agroforestry systems have been strengthened with improved legal and sustainable supply chains. Support local communities and smallholders through establishment of demonstration plots and field training: (1) seed production/nursery techniques, (2) silvic. practices and improved stand management, and (3) minimizing harvesting loss, efficient transport, and (4) supply chains and marketing (Cambodia, Lao PDR, Myanmar, Thailand, Vietnam). • Recruit const. #5 Filed train. Silvic.; Cons.# 6: Field Train Harv. Carry out a teak value chain analysis of smallholders to increase their access to markets by improved primary processing as well as capital and market information (Myanmar, Thailand, and Vietnam). • Recruit const. # 7 Value Chain Analysis Establish teak-based forest user groups for the sustainable use of teak forest resources and agroforestry (Myanmar). • Recruit cons.# 9: Inform. Mgmt., networking, outreach Review and elaborate policy options to empower local communities and smallholders in planted teak and teak management, and agroforestry systems to support sustainable livelihood programs (Myanmar, Thailand). • Recruit Cons.# 8: Forest Policy
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ITTO Teak Project in Mekong

Output 3 A 3.1 A 3.2 A 3.3 A 3.4	Regional and international collaboration, information sharing and knowledge management, networking, etc. strengthened. Produce and disseminate outreach and training material on the conservation and sustainable management of teak forests and legal and sustainable supply chains in collaboration with research institutions, NGOs, and development partners to support regional forest policy development (regional scope). • Recruit cons.# 9: Information management, networking, outreach Plan and organize two regional teak workshops to facilitate policy dialogue, information sharing and knowledge management, stakeholder consultations and help expand regional cooperation on sustainable management of teak forests and legal and sustainable supply chains (regional scope) • Conduct 2 regional workshops: 1) sustainable management (Myanmar) and 2) legal and sustainable supply chains (Thailand) • Recruit Cons.# 3: Management System for natural teak forest Support and facilitate teak networking in the GMS and partners such as TEAKNET and other regional cooperation frameworks to promote the conservation and sustainable management of teak forest resources, including exchange of genetic resources and legal and sustainable supply chains to facilitate transformational etc. (regional scope). • Recruit const# 9: Information management, networking, outreach Support sharing lessons of the GMS in promoting sustainable teak forest management and legal and sustainable supply chains at the 4th World Teak Conference (2019 or 2020) in Ghana
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ITTO Teak Project in Mekong



Technical field	Scope	Name	Duration of assignment	Host country
Cons. 1: Conserv. teak genetic resources	Regional		2 months	Myanmar
Cons. 2: Good-quality plant. material	Regional	Ms. Chumnun Piananurat	3 months	Thailand
Cons. 3: New mgmt. system for natural teak forests	Regional	Dr. Nikhom Laemsak	2 months	Thailand
Cons. 4: Legality, silviculture	National		2 months	Myanmar
Cons. 5: Field train.in silviculture	National	Mr. Thiti Wisarat	3 months	Thailand
Cons. 6: Min. harv. loss, outreach, World Teak Conference	National	Dr. Nopparat Manavakun	3 months	Thailand
Cons. 7: Value Chain Anal.	Regional	Dr. Tek Maraseni	2 months	Vietnam
Cons. 8: Forestry policy	Regional	Dr. Kant Promode	2 months	Thailand
Cons. 9 : Inform. Mgmt., outreach, World Teak Conference	Regional	Dr. Thulassidas P. Kumara	5 months	Thailand
Total		Drafting TORs	35 months	

Executing and collaborating agencies	Allocation (in US\$)	%
ITTO (Gov. of Germany)	1,236,250	100.00
ITTO	255,150	20.64
Cambodia	49,500	4.00
Lao PDR	49,500	4.00
Myanmar	170,000	13.75
Thailand	621,850	50.30
Vietnam	90,250	7.30

Project Doc.
 Year 1 = USD 429,276 (35%)
Inception Rep.
 = USD 402,309 (32%)
 Year 2 = USD 379,711 (31%)
 Year 3 = USD 427,263 (34%)

Changes since submission/approval of the project proposal (Project Document) – pages 34-35

A07 Cons. 4 Legal. (Myanmar)
 • Request payment of the 1st installment of USD 6,000 in 2019

A12 Cons.9 Infor. Mgmt & networking (Thailand)
 • Request to split the 1st installment in 2019 from USD 8,333 to USD 5,000

Slightly reduce lump sum items (B) and reimbursement items (C)
 Postpone 4th World Teak Congress from 2019 to 2020 (USD 52,000)



	Total	Yr1 (Doc)	Yr 1 (Incep.)
A Personnel and consultants			
A01 Regional Activity Manager (RA THA), at US\$ 3,000 per m	108,000	36,000	36,000
A02 Activity Secretary, at US\$ 750 per m	27,000	9,000	9,000
A03 Finance Staff, at US\$ 600 per m	21,600	7,200	7,200
A04 Cons. 4 Teak Genetic, at US\$ 6,000	12,000	6,000	6,000
A05 Cons. 2 Quality Plant Material, at US\$ 6,000 per m	18,000	6,000	6,000
A06 Cons. 3 Quality Plant Material, at US\$ 6,000 per m	12,000	6,000	6,000
A07 Cons. 4 Legal, at US\$ 6,000 per m	12,000		6,000
A08 Cons. 5 Field Training Silviculture, at US\$ 5,000 per m	15,000	5,000	5,000
A09 Cons. 6 Field Training Harvesting, at US\$ 5,000 per m	15,000	5,000	5,000
A10 Cons. Value Chain Analysis, at US\$ 6,000	12,000		
A11 Cons. 8 Forest Policy, at US\$ 6,000 per m	12,000		
A12 Cons. 9 Information Mgmt. & supporting staff, at US\$ 5,000 per m	25,000	8,333	5,000
A Subtotal	289,600	88,533	91,200
B Lump sum items			
B01 Operation cost for project offices (electr., commun., consumables)	18000	6000	5,600
B02 Final report editing	15000		
B Subtotal	33000	6000	5,600

C Reimbursable items			
C10 Conferences, meetings, workshops			
C11 PSC meetings (venue, trav., accom)	36,000	12,000	12,000
C12 Regional teak workshop (venue, trav., accom)	100,000	50,000	50,000
C13 World Teak Conference venue, trav., accom.] [may postpone to year 2]	52,000	52,000	
C20 Others' items			
C21 International travel of RAM & staff	32,000	10,000	9,600
C30 Consult. Travel (flights, transp., lodging, food)			
C31 International travel consultants	30,000	10,000	9,050
C32 National travel consultants	18,000	6,000	4,900
C40 Others' items			
C41 Operation costs of vehicles (rent)	15,000	5,000	5,200
C42 Cost of equipment for project offices	10,000	5,000	4,900
C43 Training cost (3 events: venue, stationary, food, lodging)	300,000	100,000	111,034
C44 Small scale forestry tools for communities	7,500	3,750	3,950
C45 Support farmer group establishments	3,000		1,500
C46 Literature, publication, webpage	50,000	15,000	16,000
C47 Demonstration plots, nurseries, etc	57,000		15,000
C48 Contingency (exchange rate fluctuation, etc)	11,900		
C Subtotal	722,400	268,750	243,034
D ITTO monitoring and review			
D01 ITTO monitoring and review	30,000	10,000	10,000
D Sub-total ITTO Monitoring and Review	30,000	10,000	10,000
Sub-total direct costs (A+B+C+D)	1,075,000	373,033	349,834
E ITTO Program support (@ ITTO standard rate)			
E01 ITTO program support (@ ITTO standard rate)	161,250	55,993	52,475
E Subtotal	161,250	55,993	50,955
Grand Total	1,236,250	429,276	402,309



QUESTIONS AND ANSWERS

ITTO-TEAK IN MEKONG



ject in Mekong



A Personnel & Consultants	No of units	Unit	US\$/Unit	By year			Total	By financing and collaborating agencies				
				2018	2019	2020		ITTO	Co-financ	Govt	Donor	
A01 Regional Activity Manager (RAM) Yr1	18	PM	6,000	108,000	36,000	36,000	108,000					
A02 Activity Secretary	36	PM	750	27,000	9,000	9,000	45,000					
A03 Finance Staff	36	PM	600	21,600	7,200	7,200	45,000					
A04 Cons. 4 Teak Genetic, etc.	2	PM	6,000	12,000	6,000	6,000	24,000				12,000	
A05 Cons. 2 Quality Plant Material	3	PM	6,000	18,000	6,000	6,000	30,000				12,000	
A06 Cons. 3 Quality Plant Material	2	PM	6,000	12,000	6,000	6,000	24,000				12,000	
A07 Cons. 4 Legal	2	PM	6,000	12,000		6,000	24,000				12,000	
A08 Cons. 5 Field Training Silviculture	3	PM	5,000	15,000	5,000	5,000	30,000				15,000	
A09 Cons. 6 Field Training Harvesting	3	PM	5,000	15,000	5,000	5,000	30,000				15,000	
A10 Cons. Value Chain Analysis	2	PM	6,000	12,000			24,000				12,000	
A11 Cons. 8 Forest Policy	2	PM	6,000	12,000			24,000				12,000	
A12 Cons. 9 Information Mgmt. & supporting staff	5	PM	5,000	25,000	8,333	5,000	38,333				19,166	
Sub-total Personnel & Consultants				80,000	108,000	103,000	291,000				120,000	
B Lump sum items												
B01 Operation cost for project offices (electr., consumables)	18	months	1,000	18,000	6,000	6,000	30,000		3,000	3,000	3,000	3,000
B02 Final report editing	1	lump	15,000				15,000					
Sub-total Lump sum items				18,000	6,000	6,000	30,000		3,000	3,000	3,000	3,000

Mekong



A Personnel & Consultants	No of units	Unit	US\$/Unit	By year			Total	By financing and collaborating agencies			
				2018	2019	2020		ITTO	Co-financ	Govt	Donor
A01 Regional Activity Manager (RAM) Yr1	18	PM	6,000	108,000	36,000	36,000	108,000				
A02 Activity Secretary	36	PM	750	27,000	9,000	9,000	45,000				
A03 Finance Staff	36	PM	600	21,600	7,200	7,200	45,000				
A04 Cons. 4 Teak Genetic, etc.	2	PM	6,000	12,000	6,000	6,000	24,000				12,000
A05 Cons. 2 Quality Plant Material	3	PM	6,000	18,000	6,000	6,000	30,000				12,000
A06 Cons. 3 Quality Plant Material	2	PM	6,000	12,000	6,000	6,000	24,000				12,000
A07 Cons. 4 Legal	2	PM	6,000	12,000		6,000	24,000				12,000
A08 Cons. 5 Field Training Silviculture	3	PM	5,000	15,000	5,000	5,000	30,000				15,000
A09 Cons. 6 Field Training Harvesting	3	PM	5,000	15,000	5,000	5,000	30,000				15,000
A10 Cons. Value Chain Analysis	2	PM	6,000	12,000			24,000				12,000
A11 Cons. 8 Forest Policy	2	PM	6,000	12,000			24,000				12,000
A12 Cons. 9 Information Mgmt. & supporting staff	5	PM	5,000	25,000	8,333	5,000	38,333				19,166
Sub-total Personnel & Consultants				80,000	108,000	103,000	291,000				120,000
B Lump sum items											
B01 Operation cost for project offices (electr., consumables)	18	months	1,000	18,000	6,000	6,000	30,000		3,000	3,000	3,000
B02 Final report editing	1	lump	15,000				15,000				
Sub-total Lump sum items				18,000	6,000	6,000	30,000		3,000	3,000	3,000

ITTO Teak Project in Mekong

Annex V

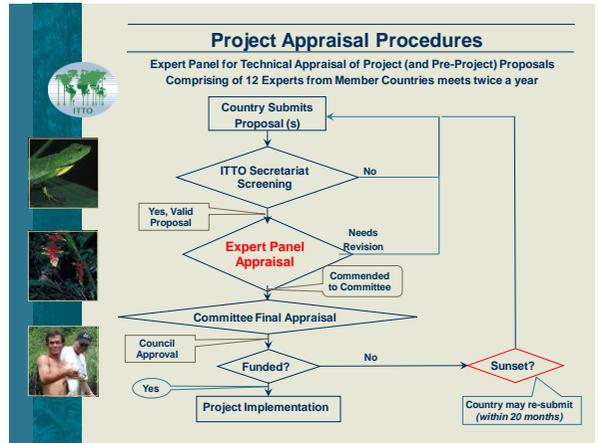
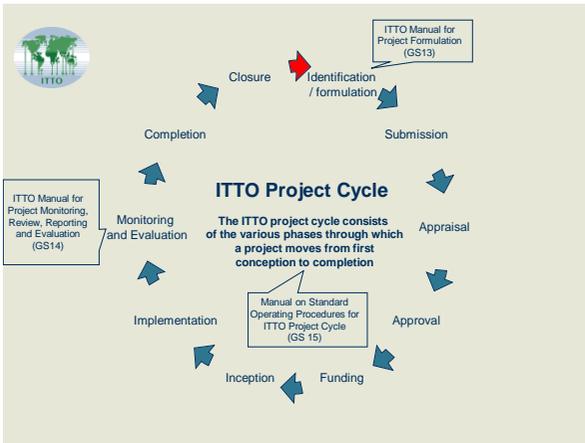
ITTO Project Management
By ITTO Projects Manager of Trade and Industry



Manuals for projects under implementation

Manual for project formulation

www.itto.int → download

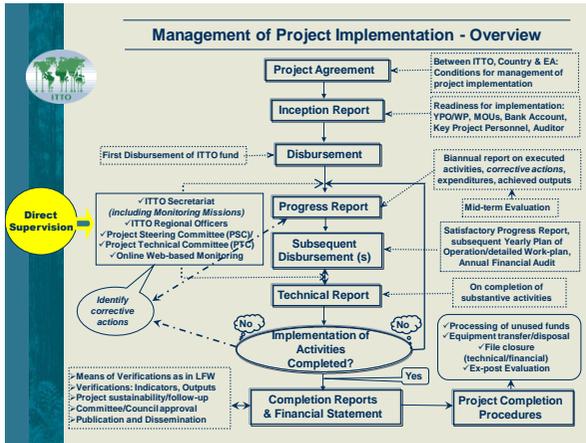


Project related ITTO Manuals, Guidelines and Documents

<p>ITTO Project Manuals and Guidelines</p> <ul style="list-style-type: none"> ✓ Manual for Project Formulation ✓ Project Monitoring, Review, Reporting and Evaluation ✓ Standard Operating Procedures for the ITTO Project Cycle, including Guidelines for Annual/Final Financial Audits ✓ Guidelines for the Selection and Employment of Consultants, Procurement and Payments of Goods and Services 	<p>Project Documents/Reports</p> <ul style="list-style-type: none"> ➢ Project (Pre-Project) Document ➢ Project (Pre-Project) Agreement ➢ Inception Report ➢ Yearly Plan of Operation (YPO)/ Detailed Work-plan ➢ Progress Report ➢ Technical Report ➢ Mid-term Evaluation Report (where applicable) ➢ Completion Report ➢ Annual/Final Audited Financial Statements ➢ Dissemination/Publication of Project results ➢ Articles for Tropical Forest Update ➢ Ex-Post Evaluation Report (where applicable)
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Project Agreement (or Pre-Project Agreement)

- Once the financing of a project is assured, a "Project Agreement" is concluded between the ITTO, the Government of the country in whose territory the project is to be implemented and the Executing Agency that will implement the project
- The Agreement covers the detail aspects with regard to the execution, MOUs with Collaborating Institutes, finance, use of funds, accounts, records, reports, publications and technical reports, disposal of capital goods, responsibilities of the Government, suspension, termination, settlement of disputes, and modification of the Agreement
- All goods and services for which funds are provided by ITTO are to be procured in accordance with "ITTO Guidelines on the Selection of Consultants" and the "Guidelines for the Procurement and Payment of Goods and Services"
- ITTO requires that Project Documents suggest and Project Agreements provide arrangements for the supply of detailed information by the Executing Agency, and for the scheduling of review missions (including mid-term reviews) wherever such missions are appropriate



Supervision of Projects by ITTO

- ITTO has a three-tier system of monitoring ongoing projects:
 - Monitoring and Evaluation by ITTO Secretariat:
 - Review Missions – time-table planned ahead (including ITTO Project Manager's, Regional Officer's field visits) (Note: Donor Members' are also informed of the time-table for their participation)
 - Online Web-based Project Monitoring
 - Project Steering Committee or Project Technical Committee:
 - The Steering Committee is set up for all projects in which the ITTO share is at least US\$400,000, with an implementation period of greater than 24 months [Decision 2(X)]
 - Comprising the ITTO Project Manager, project staff of the implementing agency, key stakeholders and representatives of donor agencies
 - This tier serves to oversee the project in greater detail than would be possible by the Secretariat alone
 - The local stakeholders on the Steering Committee usually meet more regularly in Technical Committees or Consultative Committees to deal with ongoing project issues
 - Annual review Progress by respective Associated Committee of the ITTC

Monitoring and Evaluation of Projects

- The 'ITTO Manual for Project Monitoring, Review, Reporting and Evaluation' sets out:
 - basic concepts related to these management functions; and
 - main products considering ITTO's needs, and what should be the corresponding format of the reports
- All project monitoring and review, conducted by both the Executing Agency and by ITTO, as well as by any Project Steering Committee, use:
 - the Logical Framework Matrix and its associated Work Plan (detailed in the ITTO Manual for Project Formulation) as the main frame of reference
- Monitoring and review examine systematically the Indicators of achievement of each Project elements, viz.:
 - Activities, Outputs, Specific Objective and Development Objective, including project sustainability

The Logical Framework (LFW) Matrix

PROJECT ELEMENTS	INDICATORS	MEANS OF VERIFICATIONS	ASSUMPTIONS
DEVELOPMENT OBJECTIVE Higher objective to which the project along with others will contribute and which is in line with the ITTO objectives and/or national sector/programme	Measurable impact that demonstrates the contribution to the Development Objective in terms of quantity, quality and time.	Sources and methods to collect information on the indicators	Assumptions on conditions necessary for achieving the Development Objective
SPECIFIC OBJECTIVE The specific objective is the outcome which is intended to be achieved by the end of the project, if all outputs are produced and used by the stakeholders	Measurable targets that demonstrate the achievement of the Specific Objective in terms of quantity, quality and time.	Sources and methods to collect information on the indicators	Assumptions on conditions necessary for achieving the Specific Objective
OUTPUTS The direct/tangible results (goods and services) that the project delivers, and which are under project management's control	Measurable targets that demonstrate the achievement of the Outputs in terms of quantity, quality and time.	Sources and methods to collect information on the indicators	Assumptions on conditions necessary for achieving Output

Indicator, is a quantitative or qualitative value which can be assessed in relation to an objective or output
 Means of verification is the source of information (e.g., document, field visit, interview)
 Assumption is the necessary condition which must be fulfilled to achieve the corresponding project element

Donor Members' Special requirements

ITTO project management procedures allow flexibility for specific requirements of donor members

For example, additional reporting requirements, special disbursement procedures, additional monitoring and evaluation procedures, etc.,

(4) ITTO shall submit to the Donor semi-annual financial reports (including expenditures and unexpended budget balances by main budget classifications and a fund requirement schedule).

Financial Statement and Cash Flow for progress and completion reports (GS 14)

Appendix 1 Project financial statement (in US dollar)

Project No. _____

Account	Actual	Budget	Unexpended	Balance
1. Total				
2. Total				
3. Total				
4. Total				

Appendix 2 Project cash flow statement

Account	Actual	Due	In US	Local
1. Total				
2. Total				
3. Total				
4. Total				

Project Monitoring and Evaluation Reports

Yearly Plan of Operation (YPO)/Detailed Work-plan

- The Yearly Plan of Operation forms the year-wise expression of the Project Document and is prepared by Project Management:
 - on a yearly basis, taking into account the result of internal and external reviews through regular and periodical monitoring of achievements, as reflected in the Project Progress Report
 - Updates annually the activities, work-plan, input and budget
 - In case an external evaluation (e.g. Mid-Term Evaluation) would commend conceptual changes, these will also have to be reflected in the YPO (after the approval of the ITTC)

Progress Report (bi-annual)

- The Project Progress Reports are made by the Executing Agency:
 - to arrive in ITTO four weeks before the planned start of any review mission, and before any point in the progress of the project at which it is agreed that funds shall be provided to the Executing Agency for the progress of the work
 - or at any other intervals stipulated in the Project Agreement
 - Progress Reports include up-to-date Financial Statements and Cash Flow Statements
 - Additionally, Project Progress Report on all projects under implementation should reach the Secretariat no later than ten weeks before each meeting of the Council and the Committees

Project Monitoring and Evaluation Reports (continued)

Project Technical Report

- The Project Technical Reports are meant to register and transmit the results of the work carried out under the ITTO research, development and demonstration Projects
- Prepared on completion of substantive implementation activities

Technical Report and Progress Report

Technical Reports differ from Progress Reports in the nature of their content:

- Technical Report presents technical and scientific data, analyses the data and discuss the Project results
- Progress Reports present information which is essentially managerial, such as the description of the tasks which have been started or concluded in the period covered by the Report, the percentage of the work carried out and the costs incurred

Other Project Reports

Mid-term and Ex-post Evaluation

- The mid-term evaluation of projects are generally conducted for projects:
 - facing major implementation difficulties
 - aim to redirect implementation so as to achieve better outcomes at project completion
- Ex-post evaluation, on selected completed projects:
 - is the process of examining a project intervention after its completion with the intent of establishing how well it served its purposes, its impact, effectiveness and efficiency, and drawing conclusions for similar actions in the future
 - to-date Ex-post Evaluations have been conducted on more than 50 completed projects at a total cost of US\$1.2 million
 - A number of Ex-post Evaluations reports are on the ITTO Website

Other Project Reports (continued)

Publications and Dissemination of Project Activities/Results

- All publications and technical reports resulting from work financed by the Project give appropriate recognition to ITTO's role as well as acknowledge the respective Donors
- Carry statements disclosing that they are part of the documentation produced in an ITTO approved Project
- In addition, the Executing Agency prepares, in liaison with the ITTO Secretariat, article(s) for inclusion in the ITTO Tropical Forest Update (TFU) or other publications, reporting on Project progress and outcome, Project publications and lessons learned
- A number of these articles and publications are on the ITTO Website

Implementation of Actions that require prior ITTO Approval or No Objection Letter (NOL)

- The Executing Agency is required to obtain the NOL for the followings (as appropriate):
 - Engagement of key Project Personnel
 - Consultancy engagements
 - Selection of Independent Financial Auditor for Project
 - Sub-contracts: Technical/Publication
 - Procurement of Capital equipment (over \$50,000)
 - Participants in Workshop/Training/Seminar
 - Activity and/or Budget Modifications
 - Extension of Project implementation period
 - Lifting of project suspension (where necessary)

Disbursement of funds to Projects

- ✓ The ITTO disbursement of funds is limited to the contributions received from donors for the relevant project
- ✓ The conditions for disbursements as well as a disbursement schedule are detailed in the Project Agreement. Compliance for the initial disbursement, among others include:
 - MOU between EA and Collaborating Institute (s) (where applicable)
 - Detailed first Yearly Plan of Operation (YPO)/detailed Work-plan
 - Opening of a separate bank account for the Project
 - Notification that the implementation is about to commence
- ✓ Subsequent disbursements depend on satisfactory Progress, next YPO/detailed Work-plan and Financial reports including Cash Flow Statement showing fund balance with EA
- ✓ In addition, where the Executive Agencies that do not comply with the submission of annual financial audit of projects – as is required for project with a duration of two years or more and a budget above US\$200,000 [Decision 4(XXV)] – receive no disbursement of funds until these requirements are met

Completion of Project



- Upon completion of the Project, the Executing Agency report to ITTO
- This report is used as the basis for Secretariat's reports to the Committees and Council on completed Projects
- The completion of project activities usually involves:
 - Submission/presentation/field verification of all indicators, outputs and means of verifications as presented in the LFW matrix
 - Technical reports
 - Completion report
 - Project sustainability/follow-up
 - Final audited financial statements
 - Publications
 - Approval of the completion of the Project (or Pre-Project) by the relevant Committee (and Council)
 - Approval of the transfer/disposal of capital goods (*where applicable*)





Unused funds & Financial File Closure of Project



- After the completion the Project and approval of the Committee, the financial file closing procedures of the projects (or pre-projects) usually involve the following steps:
 - Review of final project audited financial statement of projects
 - Obtain refund of unspent funds from the Executing Agencies (if any)
 - Up-to-date processing of all relevant expenditures into the relevant ITTO project account
 - Completion of the procedures for dealing with the residue balance in the individual ITTO project account, i.e.,
 - calculation of balance for "pooled sub-account for ex-post evaluation - Decision 3(XXVIII)" and/or;
 - refund due to individual donor member
 - Obtain respective donor member's consent regarding the balance that emanated from the completed projects
 - Donors have to date reallocated remaining fund in-excess of US\$6 million to finance new projects









Annex VI

Cambodia Work Plan 2019

By

**Mr. Chheang Dany
Cambodia National Coordinator**



“Enhancing Conservation and Sustainable Management of Teak Forests and Legal and Sustainable Wood Supply Chains in the Greater Mekong Sub-region”
ITTO Project: PP-A/54-331-Cambodia component



Chaophya Park Hotel, Bangkok, Thailand
 23 April 2019

ITTO Teak Project in Mekong

Background First Reforestation attempt by intercropping (Agroforestry)-Teak with cotton, maïs in Phnom Hanchey, Kampongcham Province , Year 1936



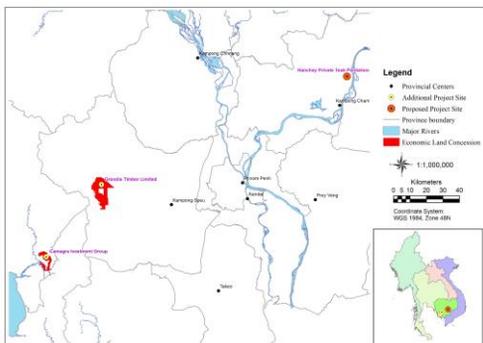
Culture de hachons. Au milieu, un jeune teck de 4 mois, plus grand que l'arbre. Ici le boisement propre sera fait de teck mélangé avec des anghars, que l'on voit, à gauche, déjà hauts de 2 mètres, avec des feuilles ressemblant à celles de nos anghars.

Une culture de maïs, au premier plan, un jeune teck, reforestations à une grande feuille de 4 mois, peu ou pas haut, un teck âgé de 1 an.

Après 6 mois de la possible culture de la direction saison des pluies.

ITTO Teak Project in Mekong

Target Areas



Target Areas: Hanchey



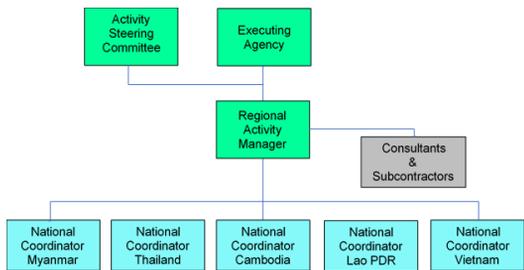
ITTO Teak Project in Mekong

Target Areas: Aural-Teak Farms 1 Co., Ltd.



ITTO Teak Project in Mekong

Organization within the participating country



Professional staff of the participating country (FA)

Title/Position	Name	Tel/E-mail
Cambodia National Project Coordinator	Mr. Chheang Dany	Email: wpo@online.com.kh ; Phone: (855-12) 867-477
Deputy National Project Coordinator	Mr. Kim Sobon	Email: sobonit@yahoo.com ; Phone: (855-12) 997479
Project Finance	Ms. Lim Sopheap	Email: sopheag73@yahoo.com ; Phone: (855-17) 979-925
Project Secretary	Mr. Phoung Sophea	Phone: (855-17) 222-745
Field Assistant	Ms. Chhit Sophal	Phone: (855-92) 346-591
Field Assistant	Mr. Kong Kongkea	Phone: (855-17) 944-468
Field Assistant	Mr. Sin Chandara	Phone: (855-10) 256-575

ITTO Teak Project in Mekong

First Yearly Plan of Operation (1st YPO)

Organization	Role
Germany Embassy in Phnom Penh	Represent project donor
GIZ Office in in Phnom Penh	Represent project donor
Private plantation owners (e.g. owner small teak plantation, medium-scale plantation company, such as Camagra, Grandis Timber.....)	Planting and managing small and medium-scale teak plantation, Support the analysis of teak wood value chain and marketing to enhance legality and added value of exported teak products, Develop and operate teak nurseries for seed production;
Department of Private Forest and Forest Plantation, Department of Wildlife and Biodiversity Institute of Forest and Wildlife Research and Development, Royal University of Agriculture	Contribute and support research efforts and capacity building for silviculture, forest management, forest products harvesting, transport, minimizing harvesting losses, and efficient wood processing and the establishment of research and demonstration plots to showcase suitable forest management and the benefits of using improved genetic materials

ITTO Teak Project in Mekong

First Yearly Plan of Operation (1st YPO)

The Activity (Project) Steering Committee (ASC) –Cambodia project component

- Representative of Forest Administration Cambodia
- Representative of Project Donor
- Cambodia National Project Coordinator
- Deputy National Project Coordinator
- Project Secretary

Project Technical Working Group

- Representative of Forest Administration Cambodia
- Cambodia National Project Coordinator
- Deputy National Project Coordinator
- Representative Teak Private Plantation Owners, Teak Plantation Company
- Representative of Faculty of Forestry of Royal Agriculture University
- Project Secretary.

ITTO Teak Project in Mekong

First Yearly Plan of Operation (1st YPO)

Budget Arrangement (allocation)

Executing and collaborating agencies	Allocation (in US\$)	Percentage (%)
ITTO (Gov. of Germany)	1,236,250	
ITTO Secretariat	255,150	
Cambodia: Forestry Administration (FA)	49,500	
Lao PDR: National Agriculture and Forestry Research Institute (NADRI),	49,500	
Myanmar: Forestry Department	170,000	
Thailand: Royal Forestry Department (RFD)	621,850	
Vietnam: Vietnamese Academy of Forest Sciences (VAFS)	90,250	

ITTO Teak Project in Mekong

First Yearly Plan of Operation (1st YPO)

Objective: To demonstrate legal and sustainable teak supply chains with the engagement of local communities, smallholders and government actors in the Greater Mekong Sub-region

Output 1: The conservation of teak genetic resources, sustainable management and use of natural teak forests and market accesses of teak from legal sources have been improved

Output 2: Community-based and smallholders teak forest management and agroforestry systems have been strengthened with improved legal and sustainable supply chains.

Output 3: Regional and international collaboration, information sharing and knowledge management, networking, policy development and outreach on the sustainable management of teak forests, including sustainable use of teak genetic resources have been strengthened.

ITTO Teak Project in Mekong

First Yearly Plan of Operation (1st YPO)

Outputs and Activities

Outputs/ activities	Description	Responsible parties	Year 1											
			1	2	3	4	5	6	7	8	9	10	11	12
Output 1: The conservation of teak genetic resources, sustainable management and use of natural teak forests and market accesses of teak from legal sources have been improved														
A.1.1	Establish demonstration plots for sustainable teak forest management systems and pilot silvicultural systems including coppicing as a regeneration method and teak agroforestry practices (e.g. bamboo management in natural teak forests) in on-farm teak growing for livelihoods of local communities and smallholders (Myanmar, Thailand)	Reg. Act. Manager Nat. coordinators Consultant 3; Forestry Admin.												
A.1.2	Review and analyze opportunities for improved market accesses of teak wood and teak products from legal and sustainable sources in the five participating countries	Reg. Act. Manager Nat. coordinators Consultant 4; Forestry Admin.												
A.1.3	Conserve teak genetic variation through improved management of existing seed production areas, seed orchards, and provenance/progeny trials (Lao PDR, Myanmar, Thailand)	Reg. Act. Manager Nat. coordinators Consultant 1 and 2												
Output 2: Community-based and smallholders teak forest management and agroforestry systems have been strengthened with improved legal and sustainable supply chains														
A.2.1	Support local communities and smallholders through establishment of demonstration plots and field training on the following subjects: (1) seed production/nursery techniques, (2) silvicultural practices and improved stand management, and (3) minimizing harvesting loss, efficient transport and processing of teak roundwood, and (4) supply chains and marketing (Cambodia, Lao PDR, Myanmar, Thailand, Vietnam)	Forestry admin., Reg. Act. Manager Nat. coordinators Consultant 5 and 6												
A.2.2	Carry out a teak value chain analysis of smallholders to increase their access to markets by improved primary processing as well as capital and market information (Myanmar, Thailand and Vietnam)	Reg. Act. Manager Nat. coordinators Forestry Admin.												
A.2.3	Establish teak based forest user groups for the sustainable use of teak forest resources and agroforestry (Myanmar)	Reg. Act. Manager Nat. coordinators Forestry Admin.												
A.2.4	Review and elaborate policy options to empower local communities and smallholders in planted teak and teak management, and agroforestry systems to support sustainable livelihood programs (Myanmar, Thailand)	Reg. Act. Manager Nat. coordinators Consultant 8; Forestry Admin.												

ITTO Teak Project in Mekong

First Yearly Plan of Operation (1st YPO)

Outputs and Activities

Outputs/activities	Description	Responsible parties	Year 1											
			1	2	3	4	5	6	7	8	9	10	11	12
Output 3: Regional and international collaboration, information sharing and knowledge management, networking, policy development and outreach on the sustainable management of teak forests, including sustainable use of teak genetic resources have been strengthened														
A.3.1	Produce and disseminate outreach and training material on the conservation and sustainable management of teak forests and legal and sustainable supply chains in collaboration with research institutions, NGOs, and development partners to support regional forest policy development (regional scope)	Reg. Act. Manager Nat. coordinators Consultant 9												
A.3.2	Plan and organize two regional teak workshops to facilitate policy dialogue, information sharing and knowledge management, stakeholder consultations and help expand regional cooperation on sustainable management of teak forests and legal and sustainable supply chains (regional scope)	Reg. Act. Manager Nat. Coordinators ITTO												
A.3.3	Support and facilitate teak networking in the Mekong Sub-region through ITTO member countries and partners such as TEANET and other regional cooperation frameworks to promote the conservation and sustainable management of teak forest resources, including exchange of genetic resources and legal and sustainable supply chains to facilitate transformational change through integration into national development programs for development of sustainable teak-based forest sector (regional scope)	Reg. Act. Manager Nat. Coordinators ITTO												
A.3.4	Support sharing lessons of the Greater Mekong Sub-region in promoting sustainable teak forest management and legal and sustainable supply chains at the 4th World Teak Conference (2019 or 2020) in Ghana for improved global teak collaboration.	Reg. Act. Manager Nat. Coordinators ITTO, TEANET												
Reporting and monitoring														
R.1	Submission of inception report (before start of Activity)	Reg. Act. Manager; Nat. Coordinators; ITTO												
R.2	Submission of Yearly Plan of Operation for the first year (before start of Activity)	Reg. Act. Manager; Nat. Coordinators; ITTO												
R.3	Submission of progress report (each 6 months) with training, workshop, technical report	Reg. Act. Manager; Nat. Coordinators; ITTO												
R.4	Submission of Yearly Plan of Operation for the second and third year (before start of Activity for the second year and third year)	Reg. Act. Manager; Nat. Coordinators; ITTO												

ITTO Teak Project in Mekong

First Yearly Plan of Operation (1st YPO)

Category	Description	Total	Year 1
A	Personnel and consultants		
A01	Regional Activity Manager (RAM)	0	0
A02	Project Secretary	0	0
A03	Finance Staff	0	0
A04	Cons. 1 Teak Genetic Res.	0	0
A05	Cons. 2 Quality plant material	0	0
A06	Cons. 3 Management System for Teak	0	0
A08	Cons. 5 Field train. Silviculture	0	0
A09	Cons. 6 Field train harvest	0	0
A11	Cons. 8 Forestry Policy	0	0
A12	Cons. 9 Information management	0	0
A12	Cons. 9 Information management	0	0
A	Subtotal	0	0
B	Lump sum items		
B01	Operating costs for project offices	900	900
B02	Final report editing	0	0
B	Subtotal	900	900

ITTO Teak Project in Mekong

First Yearly Plan of Operation (1st YPO)

Category	Description	Total	Year 1
C	Reimbursable items		
C10	Conferences, meetings, workshops		
C11	3 ASC/ATC meetings	0	0
C12	Regional teak workshops	0	0
C20	Staff Travel (flights, transp, lodging, food)		
C21	International travel of Nat. Coordinator	1,200	1,200
C30	Consult. Travel (flights, transp, lodging, food)		
C31	International travel consultant	0	0
C32	National travel consultant	1,200	1,200
C40	Others items		
C41	Operating costs of vehicle rent	1,000	1,000
C42	Cost of equipment for project offices	500	500
C43	Training cost	8,334	8,334
C44	Small scale forestry tool for communication	1,500	1,500
C45	Literature and publication	0	0
C47	Demonstration plots	6,000	6,000
C48	Contingency	0	0
C	Subtotal	19,734	19,734
D	ITTO monitoring and review		
D01	ITTO monitoring and review	0	0
D	Subtotal	0	0
	Sub-total direct costs (A+B+C+D)	20,634	20,634
E	ITTO Project Admin (program support)		
E01	ITTO program support (@ ITTO standard rate)	0	0
E	Subtotal	0	0
100	GRAND TOTAL	20,634	20,634

ITTO Teak Project in Mekong

First Yearly Plan of Operation (1st YPO)

Recommendations/Suggestions

- Thematic works (national and international consultants): to increase the efficiency of those efforts and facilitate the completion of comprehensive assessments, each participating country prepare a document for the use of each of the thematic consultants that would outline current conditions associated with the project's principal themes. Those themes include the conservation of teak genetic resources; the production of good-quality planting material; the development of improved management systems for natural teak forests; considerations of legality, certification, sustainable supply chains, and log tracking; the minimization of harvesting losses; the efficient transport and processing of teak roundwood; analyses of value chains; field training in silvicultural practices, as well as in wood harvesting, transport and processing; forest policies; and information management outreach.
- National Project Secretary: those assigned to this position in each participating country should be paid by ITTO to prepare required progress reports, as well as other project-related reports.

ITTO Teak Project in Mekong

Acknowledgements



Thank You



ITTO-TEAK
IN MEKONG



ITTO Teak Project in Mekong

Annex VII

Lao PDR Work Plan 2019

By

**Mr. Vongvilay Vongkamsao
Lao PDR National Coordinator**



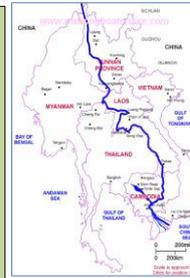
ITTO-Teak Project workplan 2019 in Laos

Presentation for Project Inception meeting (PP-A/54-331)

Prepared by:
Vongvilay Vongkhamdao,
NAFRI/MAF

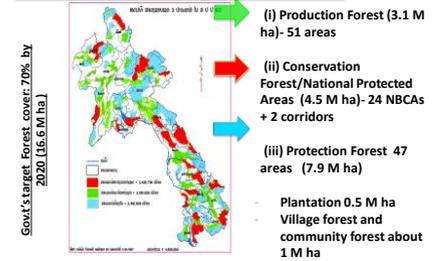
I. Country Profile

- Country area of 23.68 million ha
- Population of 6.8 million (22 p/Sq.km)
- GDP per capita = US\$ 1,785; Services 37.4%; Industry 33.2%, **Agriculture-Forestry 23.5% (2014)**
- 49 ethnic group
- 76% of work force in agriculture and forestry sector.
- Nearly 80% live in rural areas and depend on forest resource for subsistence, especially NTFPs

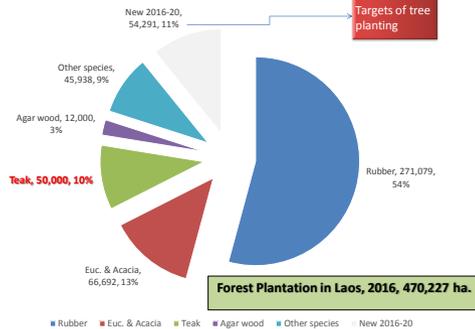


II. Forest Management status

Forest cover :
Lao definition = 59% (F-REDD Assessment 2015);
FAO Definition = 69% (FRA 2015).



Plantation proportion 2016 (ha) (Source: DoF, 2016)

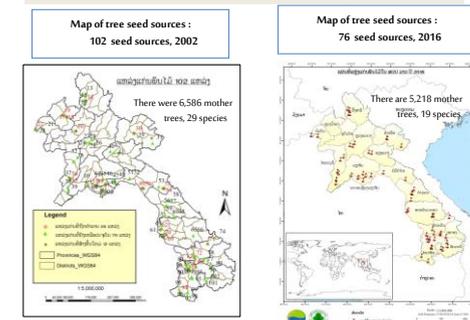


Teak plantation in Laos

- 50 000 ha teak plantations in Lao PDR
- 98% smallholder managed
- 15,000 ha in LPB Province



Tree seed sources management



Tree seed sources management

There are 9 teak seed sources, 20017

1. Luang Prabang = 1
2. Xayabuly = 4
3. Salavanh = 1
4. Sekong = 1
5. Champasak = 2



Timber trades (teak)

- Importing countries: China, Thailand, Vietnam & EU
- Domestic trade: local furniture, processing.



Source: VALTIP2 project

Issues & Challenges:

Technical issues

- Seedling come from unselection of Mother tree
- Planting with high number of stocking rate (spacing 2x2m – 3x3m=1111-2500 tree/ha)
- No management after Planted
- Farmer selectcut and selling the best tree.
- Limited information on Technical of Siviculture & marketing (Price, standard size, quality needed)

III. ITTO-Teak Project Work plan, 2019

Objective:

1. To demonstrate legal and sustainable teak supply chains with the engagement of local communities, smallholders and government actors in the Greater Mekong Sub-region

III. ITTO-Teak Project Work plan, 2019

Outputs 1. The conservation of teak genetic resources, sustainable management and use of natural teak forests and market accesses of teak from legal sources have been improved

Activity 1.3:

- Conserve teak genetic variation through improved management of existing seed production areas, seed orchards, and provenance/progeny trials.

Details of Activity 1.3:

- Field consultation with local staff for sites selection
- Develop detail action plan for management of seed production areas.
- Conduct training to PAFO, DAFO staff & set up demonstration sites

Project site: Xayabuly province



Map of Laos

- Tree plantation area is about 27,000 ha, species planted : teak, Xylia xylocarpa, rubber Agar wood trees.
- The main species : teak 11,000 ha & rubbers 16,000 hectares.
- Natural teak about 10,000 hectares

III. ITTO-Teak Project Work plan, 2019

Outputs 2. Community-based and smallholders teak forest management and agroforestry systems have been strengthened with improved legal and sustainable supply chains

Activity 2.1:

- Support local communities and smallholders through establishment of demonstration plots and field training on the following subjects: (1) seed production/nursery techniques, (2) silvicultural practices and improved stand management, and (3) minimizing harvesting loss, efficient transport and processing of teak roundwood, and (4) supply chains and marketing..

Details of Activity 2.1:

- Development training materials
- Conduct training to DAFO staff and farmers
- set up demonstration sites

Project site: Luang Prabang province



Approximately 15,500 ha of teak plantation.

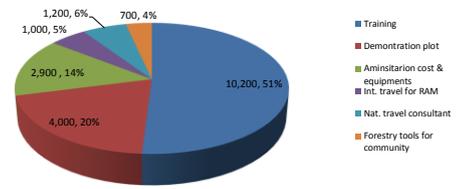


Source: VALTIP2 project

IV. Project team in Laos



V. Project budget, year 1 (2019)



Budget Year 1: 20,000 USD

Welcome to Laos!



Khob Chai
Thank you

Annex VIII

Myanmar Work Plan 2019

By

**Dr. Zar Chi Hlain,
A staff of Myanmar FRI
On behalf of Myanmar National Coordinator**



ITTO Project:
"Enhancing Conservation and Sustainable Management of Teak Forests and Legal and Sustainable Wood Supply Chains in the Greater Mekong Sub-region"
 (PP-A/54-331)
Workplan for Myanmar Component

Mu Mu Aung, Ph.D, Assistant Director
 Zar Chi Hlaing, Ph.D, Staff Officer

Forest Research Institute

23rd April 2019

Bangkok, Thailand



Contents

- Natural Teak Forests and Plantation in Myanmar
- Target Areas
- Organization within the participating country
- Changes since submission/approval of the project proposal
- Budget Arrangement
- Outputs and Activities
- Budget by Activities

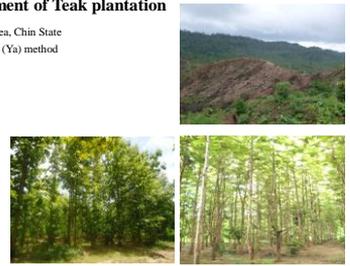


Natural Teak Forests and Plantation

- provides goods and services for domestic consumption as well as for export
- significant in the national socio-economic development
- one of the pillars of the State's economy
- Total forest cover decreased from 50% in 1999 to 46.96% in 2010
- Natural teak forest area declined from 45% in 1999 to 38% in 2010 (FRA, 2010)
- Teak plantations have been established extensively since 1980s in the natural habitats of teak across the country, mainly in the **Bago Yoma**, home of teak in Myanmar

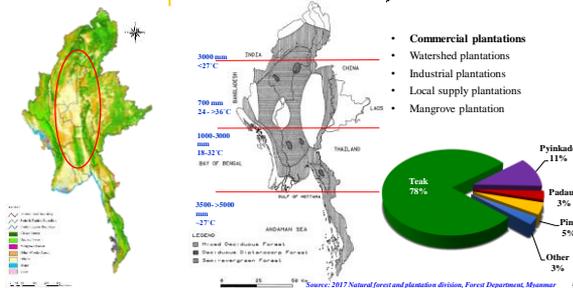
Establishment of Teak plantation

- 1700 – enriching natural forests, Paletwa area, Chin State
- 1856 – 10 ha, Tharyawady, Bago - Taungya (Ya) method
- 1867-68 – 310 ha
- 1876 – 1,370 ha
- 1880-1900 – 1,620 ha – annually
- 1918 – Taungya method firmly
- 1937-38 – 600ha annually
- 1940 – 56,130 ha
- 1964 – started again
- 1970 – block plantations
- 1998 – special teak plantation
- Up to now



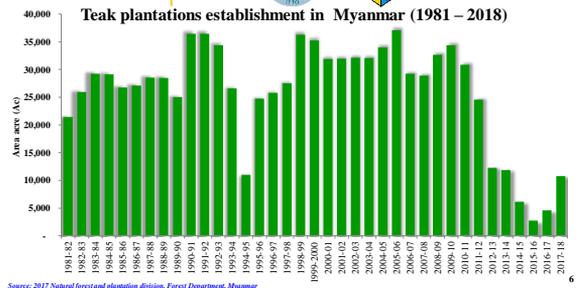
Source: <http://www.fri.org/DOCREP>

Natural Teak forest and Teak plantations in Myanmar

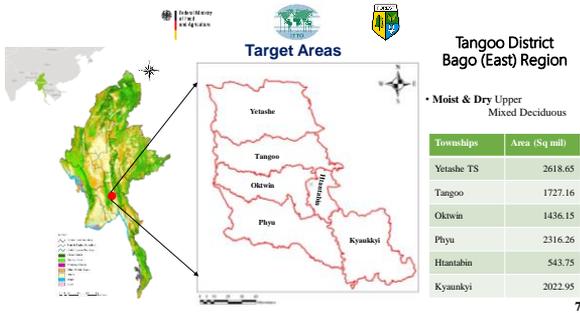


Source: 2017 Natural forest and plantation division, Forest Department, Myanmar

Teak plantations establishment in Myanmar (1981 – 2018)



Source: 2017 Natural forest and plantation division, Forest Department, Myanmar



Organization within the participating country

Forest Research Institute (FRI), Forest Department
National Coordinator: Dr. Thaug Naing Oo, Director of FRI

Sections

- Teak Genetic Conservation Section,
- Teak Management, Agroforestry and Market Section,
- Secretary Office

Supporting Staff: FRI

- Dr. Mu Mu Aung, Assistant Director
- Dr. Yu Ya Aye, Assistant Director
- Mr. Aung Zaw Moe, Assistant Director
- Dr. Zar Chi Hlaing, Staff Officer
- Mr. Tun Tun Win, Staff Officer
- Mr. Nay Aung, Range Officer

Changes since submission/approval of the project proposal (Project Document)

1st Section of 1st paragraph

This amount shall will be released in January 2019 after signing of the memorandum of understanding.	This amount shall will be released in January 2019 after signing of the memorandum of understanding.
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Budget Arrangement (allocation)

Executing and collaborating agencies	Allocation (in US\$)	%
ITTO (Gov. of Germany)	1,236,250	100.00
ITTO	255,150	20.64
Cambodia	49,500	4.00
Lao PDR	49,500	4.00
Myanmar	170,000	13.75
Thailand	621,850	50.30
Vietnam	90,250	7.30

Outputs and Activities

Outputs and Activities	Responsible party	Year 1				Year 2				Year 3			
		Quarter				Quarter				Quarter			
		1	2	3	4	1	2	3	4	1	2	3	4
Output 1: The conservation of teak genetic resources, sustainable management and use of natural teak forests and market access of teak from legal sources have been improved													
1.1 Establish demonstration plots for sustainable teak forest management systems and pilot silvicultural system (eg. Teak-based agroforestry practices, on-farm teak growing for livelihoods of local communities and stallholders, Community Forestry User Group-CFUG)	<ul style="list-style-type: none"> Forest Research Institute Forest Department, Bago Region 												
1.2 Review and analyze opportunities for improved market access of teak wood and teak products from legal and sustainable sources	<ul style="list-style-type: none"> Forest Research Institute, Planning and Statistic Division, Natural Forest and Plantation Division of H.Q. FD, Myanna Timber Enterprise (MTE) 												

Outputs and Activities

Outputs and Activities	Responsible party	Year 1				Year 2				Year 3			
		Quarter				Quarter				Quarter			
		1	2	3	4	1	2	3	4	1	2	3	4
Output 1: The conservation of teak genetic resources, sustainable management and use of natural teak forests and market access of teak from legal sources have been improved													
1.3 Conserve teak genetic variation through improved management of existing seed production areas, seed orchards, and provenance/progeny trials	<ul style="list-style-type: none"> Forest Research Institute, Myanmar Forest Department, Bago Region. 												

Outputs and Activities



Outputs and Activities	Responsible party	Year 1				Year 2				Year 3			
		Quarter				Quarter				Quarter			
		1	2	3	4	1	2	3	4	1	2	3	4
Output 2: Community-based and smallholders teak forest management and agroforestry systems have been strengthened with improved legal and sustainable supply chains													
2.1 Support local communities and smallholders through establishment of demonstration plots and field training on the following subjects: (1) seed production/ nursery techniques, (2) silvicultural practices and improved stand management, and (3) minimizing harvesting loss, and (4) supply chains and marketing	<ul style="list-style-type: none"> Forest Research Institute, Planning and Statistic Division, Natural Forest and Plantation Division of H.Q. FD, Myanma Timber Enterprise (MTE) 												
2.2 Carry out a teak value chain analysis of smallholders to increase their access to markets by improved primary processing as well as capital and market information	<ul style="list-style-type: none"> Forest Research Institute, Planning and Statistic Division, Natural Forest and Plantation Division of H.Q. FD, Myanma Timber Enterprise (MTE) 												

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Outputs and Activities



Outputs and Activities	Responsible party	Year 1				Year 2				Year 3			
		Quarter				Quarter				Quarter			
		1	2	3	4	1	2	3	4	1	2	3	4
Output 2: Community-based and smallholders teak forest management and agroforestry systems have been strengthened with improved legal and sustainable supply chains													
2.3 Establish teak-based forest user groups for the sustainable use of teak forest resources and agroforestry	<ul style="list-style-type: none"> Forest Research Institute, 												
2.4 Review and elaborate policy options to empower local communities and smallholders in planted teak and teak management, and agroforestry systems to support sustainable livelihood programs	<ul style="list-style-type: none"> Forest Research Institute, 												

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Outputs and Activities



Outputs and Activities	Responsible party	Year 1				Year 2				Year 3			
		Quarter				Quarter				Quarter			
		1	2	3	4	1	2	3	4	1	2	3	4
Output 3: Regional and international collaboration, information sharing and knowledge management, networking, policy development and outreach on the sustainable management of teak forests, including sustainable use of teak genetic resources have been strengthened													
3.1 Produce and disseminate outreach and training material on the conservation and sustainable management of teak forests and legal and sustainable supply chains in collaboration with research institutions, NGOs, and development partners to support regional forest policy development (regional scope)	<ul style="list-style-type: none"> Forest Research Institute (Reg. Act. Manager Nat. coordinators Consultant 9) 												
3.2 Plan and organize two regional teak workshops to facilitate policy dialogue, information sharing and knowledge management, stakeholder consultations and help expand regional cooperation on sustainable management of teak forests and legal and sustainable supply chains (regional scope)	<ul style="list-style-type: none"> Forest Research Institute (Reg. Act. Manager Nat. Coordinators ITTO) 												

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Outputs and Activities



Outputs and Activities	Responsible party	Year 1				Year 2				Year 3			
		Quarter				Quarter				Quarter			
		1	2	3	4	1	2	3	4	1	2	3	4
Output 3: Regional and international collaboration, information sharing and knowledge management, networking, policy development and outreach on the sustainable management of teak forests, including sustainable use of teak genetic resources have been strengthened													
3.3 Support and facilitate teak networking in the Mekong Sub-region through ITTO's member countries and partners such as TEAKNET and other regional cooperation frameworks to promote the conservation and sustainable management of teak forest resources, including exchange of genetic resources and legal and sustainable supply chains to facilitate transformational change through integration into national development programs for development of sustainable teak-based forest sector (regional scope)	<ul style="list-style-type: none"> Forest Research Institute (Reg. Act. Manager Nat. Coordinators ITTO) 												

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Outputs and Activities



Outputs and Activities	Responsible party	Year 1				Year 2				Year 3			
		Quarter				Quarter				Quarter			
		1	2	3	4	1	2	3	4	1	2	3	4
Output 3: Regional and international collaboration, information sharing and knowledge management, networking, policy development and outreach on the sustainable management of teak forests, including sustainable use of teak genetic resources have been strengthened													
3.4 Support sharing lessons of the Greater Mekong Sub-region in promoting sustainable teak forest management and legal and sustainable supply chains at the 4th World Teak Conference (2019 or 2020) in Ghana for improved global teak collaboration	<ul style="list-style-type: none"> Forest Research Institute (Reg. Act. Manager Nat. Coordinators ITTO; TEAKNET) 												

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Outputs and Activities



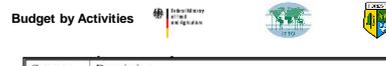
Outputs and Activities	Responsible party	Year 1				Year 2				Year 3			
		Quarter				Quarter				Quarter			
		1	2	3	4	1	2	3	4	1	2	3	4
Reporting and monitoring													
Submission of inception report (before start of Activity)	<ul style="list-style-type: none"> Forest Research Institute, 												
Submission of Yearly Plan of Operation for the first year (before start of Activity)	<ul style="list-style-type: none"> Forest Research Institute, 												
Submission of progress report (each 6 months) with training, workshop, technical report	<ul style="list-style-type: none"> Forest Research Institute, 												
Submission of Yearly Plan of Operation for the second and third year (before start of Activity for the second year and third year)	<ul style="list-style-type: none"> Forest Research Institute, 												
Submission of financial report (each 6 months) and audited financial report (every twelve months)	<ul style="list-style-type: none"> Forest Research Institute, 												
Submission of Activity Completion Report	<ul style="list-style-type: none"> Forest Research Institute 												
Technical and Steering Committee Meetings (back-to-back) and monitoring	<ul style="list-style-type: none"> Forest Research Institute, 												



Budget by Activities

Category	Description	Total	Year 1
<i>A</i>	Personnel and consultants		
A04	Cons. 1 Teak Genetic Res.	12,000	6,000
A07	Cons. 4 legality	12,000	6,000
A	Subtotal	24,000	12,000
<i>B</i>	Lump sum items		
B01	Operating costs for project offices	2,700	900
B02	Final report editing	0	0
B	Subtotal	2,700	900

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Budget by Activities

Category	Description	Total	Year 1
<i>C</i>	Reimbursable items		
C21	International travel of Nat. Coordinator	3,200	1,000
C31	International travel consultant	7,500	2,500
C32	National travel consultant	3,600	1,200
C41	Operating costs of vehicle rent	3,000	1,200
C42	Cost of equipment for project offices	1,500	1,000
C43	Training cost	100,000	30,000
C44	Small scale forestry tool for communication	1,500	700
C45	Support farmer group establishment	3,000	1,500
C46	Literature and publication	5,000	1,000
C47	Demonstration plots	15,000	5,000
C	Subtotal	143,300	45,100

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Budget by Activities

Category	Description	Total	Year 1
<i>D</i>	ITTO monitoring and review		
D01	ITTO monitoring and review	0	
D	Subtotal	0	0
	Sub-total direct costs (A+B+C+D)	170,000	58,000
<i>E</i>	ITTO Project Admin (program support)		
E01	ITTO program support (@ ITTO standard rate)		
E	Subtotal	0	0
100	GRAND TOTAL	170,000	58,000

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QUESTIONS AND COMMENTS

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Thank you very much!



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Annex IX

Thailand Work Plan 2019

By

Mr. Suchat Kalyawongsa
Director of Forestry Research and Development Office, RFD
On behalf of Thailand National Coordinator



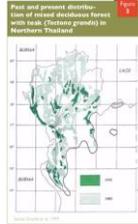
ITTO Project:
“Enhancing Conservation and Sustainable Management of Teak Forests and Legal and Sustainable Wood Supply Chains in the Greater Mekong Sub-region” (PP-A/54-331)

Workplan for Thailand Component
 By **Mr. Suchat Kalyawongsa**
 Director of Forestry Research and Development Office, RFD

ITTO Teak Project in Mekong



Natural Teak Forests and Plantation in Thailand



Natural teak forest (deciduous forest with teak) ca 8.7 mil. ha, all of which are located in protected areas.

Teak plantation was established more than 100 years, which have expanded today to an estimated **836,000** ha

FIO ~ 80,000 ha
 Private > 150,000 ha
 RFD/DNP – remaining areas



ITTO Teak Project in Mekong



Target Areas

- 5 demonstration plots:
- 2 smallholder plantations; 2 silviculture practices;
- 1 genetic improvement

The Khunmae kummae **community-based** teak plantation located at Rongkwang District, Phrae Province.

FIO - Teak Technology Transfer and Product Development Center, including a sawmill, in Rongkwang District (potential site as **wood harvesting training center**).

FIO - Teak Furniture Factory in **Bang Phó** (west of Bangkok) with **chain-of-custody certification**.

+ Seed and genetic center at Ngao District



ITTO Teak Project in Mekong



Organization (RFD is responsible agency)

RFD – DG (Chair of PSC), 5 PSC com., 5 PTC com. (incl. Chair of PTC)
 DNP, KU, FIO, and others

National Coordinator

- Mr. Sapol Boonsermsuk (Director of Inter. Coop. Div./RFD)

Deputy Nat. Coord.

- Mr. Suthad Laosakul (Director of Silviculture Div./RFD)

Regional and national consultants

- Cons.#2 Quality plant material; Cons.#3 Mgm system for teak
- Cons.#8 Forest policy; Cons.#9 Infor mgmt. & networking
- Cons.#5 Field train silvic; Cons.#6 Field train harv,

ITTO Teak Project in Mekong



Changes since submission/approval of the project proposal (Project Document)

A11 Cons.#8 Forest Policy

- Original: 2 man-months at USD 6,000 per month **for 2021**
- Proposed: 2 man-months at USD 6,000 per month **for 2020-2021**
- Same budget amount

ITTO Teak Project in Mekong



Budget Arrangement (allocation)

Executing and collaborating agencies	Allocation (in US\$)	%
ITTO (Gov. of Germany)	1,236,250	100.00
ITTO	255,150	20.64
Cambodia	49,500	4.00
Lao PDR	49,500	4.00
Myanmar	170,000	13.75
Thailand	621,850	50.30
Vietnam	90,250	7.30

Thailand (by category)

- Personnel and staff
 - 40.8%
- Lump sum
 - 3.6
- Reimbursement
 - 55.6%

ITTO Teak Project in Mekong



Outputs and Activities

See pages 15-16

Outputs and Activities	Responsible party	Year 1				Year 2				Year 3			
		1	2	3	4	1	2	3	4	1	2	3	4
Output 1: The conservation of teak genetic resources, sustainable management and use of natural teak forests and market accesses of teak from legal sources have been improved													
1.1 Establish demonstration plots for sustainable teak forest management systems and pilot silv. system	Reg. Act. Manager RFD, Thailand Nat. coordinator Cons# 3.												
1.2 Review and analyze opportunities for improved market accesses of teak wood and teak products from legal and sustainable sources in the five participating countries.	Reg. Act. Manager Nat. coordinators Cons# 4												
1.3 Conserve teak genetic variation through improved management of existing seed production areas, seed orchards, etc.	Reg. Act. Manager RFD, DNP, Thailand Nat. coordinator Cons.# 1 and 2.												

ITTO Teak Project in Mekong

Output 2: Community-based and smallholders teak forest management and agroforestry systems have been strengthened with improved legal and sustainable supply chains													
2.1 Support local communities and smallholders through establishment of demonstration plots and field training on the following subjects	RFD, Reg. Act. Manager Thailand Nat. coordinator Cons# 5 and 6												
2.2 Carry out a teak value chain analysis of smallholders to increase their access to markets	RFD, FO, Reg. Act. Manager Thailand Nat. coordinator Cons# 7												
2.4 Review and elaborate policy options to empower local communities and smallholders	RFD, DNP, FO, Reg. Act. Manager Nat. coord. Cons# 8												
Output 3: Regional and international collaboration, information sharing and knowledge management, networking, policy development and outreach on the sustainable management of teak forests, including sustainable use of teak genetic resources have been strengthened													
3.1 Produce and disseminate outreach and training material on the conservation and sustainable management of teak forests (regional scope)	Reg. Act. Manager Nat. coordinators Cons.# 9												
3.2 Plan and organize two regional teak workshops to facilitate policy dialogue, information (regional scope)	Reg. Act. Manager Nat. Coord. & ITTO												
3.3 Support and facilitate teak networking in the Mekong Sub-region through ITTO's member countries and partners such as TEKANET (regional scope)	Reg. Act. Manager Nat. Coord. & ITTO												
3.4 Support sharing lessons of the GMS, 4th World Teak Conference (2019 or 2020) in Ghana	Reg. Act. Manager Nat. Coord. & ITTO. Cons#9												

Category	Description	Total	Year 1
A	Personnel and consultants		
A01	Regional Activity Manager (RATHA, at US\$ 3,000 per m	108,000	36,000
A02	Activity Secretary, at US\$ 750 per m	27,000	9,000
A03	Finance Staff, at US\$ 600 per m	21,600	7,200
A05	Cons. 2 Quality Plant Material, at US\$ 6,000 per m	18,000	6,000
A06	Cons. 3 Mgm system for teak, at US\$ 6,000 per m	12,000	6,000
A08	Cons. 5 Field Training Silviculture, at US\$ 5,000 per m	15,000	5,000
A09	Cons. 6 Field Training Harvesting, at US\$ 5,000 per m	15,000	5,000
A11	Cons. 8 Forest Policy, at US\$ 6,000 per m*	12,000	
A12	Cons. 9 Information Mgmt. & supporting staff, at US\$ 5,000 per m*	25,000	5,000
A	Subtotal	253,600	79,200
B	Lump sum items		
B01	Operation cost for project offices (electr., commun., consumables)	7,200	2,400
B02	Final report editing	15,000	
B	Subtotal	22,200	2,400

Category	Description	Total	Year 1
C	Reimbursable items		
C10	Conferences, meetings, workshops		
C11	PSC meetings (venue, trav., accom)	36,000	12,000
C12	Regional teak workshop (venue, trav., accom)	100,000	50,000
C20	Staff Travel (flights, transp., lodging, food)		
C21	International travel of RAM & staff	19,200	6,400
C30	Consult. Travel (flights, transp., lodging, food)		
C31	International travel consultants	18,750	6,250
C32	National travel consultants	3,600	1,200
C40	Others items		
C41	Operation costs of vehicles (rent)	3,000	1,000
C42	Cost of equipment for project offices	4,000	2,000
C43	Training cost (3 events; venue, stationary, food, lodging)	100,000	25,000
C44	Small scale forestry tools for communities	1,500	750
C45	Literature, publication, webpage	45,000	15,000
C47	Demonstration plots, nurseries, etc	15,000	
C	Subtotal	346,050	119,600
D	ITTO monitoring and review		
D0	ITTO monitoring and review		
D	Sub-total ITTO Monitoring and Review		
	Sub-total direct costs (A+B+C+D)	621,850	201,200
E	ITTO Project Admin (program support)		
E01	ITTO program support (@ ITTO standard rate)		
E	Sub-total		
100	GRAND TOTAL	621,850	201,200



QUESTIONS AND ANSWERS



**ITTO-TEAK
IN MEKONG**



ject in Mekong

Annex X

Vietnam Work Plan 2019

By

**Dr. Tran Lam Dong
Vietnam National Coordinator**



ITTO Project:
“Enhancing Conservation and Sustainable Management of Teak Forests and Legal and Sustainable Wood Supply Chains in the Greater Mekong Sub-region”
(PP-A/54-331)

Workplan for Vietnam Component
By Tran Lam Dong and Dang Think Trieu

ITTO Teak Project in Mekong



Vietnam forestry

Species	Planted area (ha)	Products
<i>Acacia</i> spp.	2,142,000	Chip, pulp, veneer, small saw-log
Rubber	950,000	Latex, small saw-log
<i>Pinus</i> spp.	390,000	Resin, small saw-log, protection forest
<i>Eucalyptus</i> spp.	177,000	Chip, pulp, veneer, small saw-log
Bamboo	100,000	Pulp, handicraft, construction
Other native trees	477,000	NTFPs, solid-log, protection forest
TOTAL:	4,236,000	

In 2018, total exported value of forest products was 9,4 billion USD, mostly furniture and woodchip

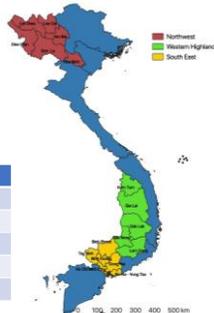
ITTO Teak Project in Mekong



Natural Teak Forests and Plantation

- Introduced in Vietnam in 1950's
- Have been planted in all ecological regions, but no existing mostly in:

Region	Plantation area (ha)
Northwest	1,637
Central Highland	680
Southeast	350
Other regions	50
Total	2,717



Teak seed production plantation in Central Highland ITTO Teak Project in Mekong

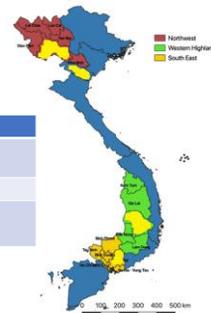


Teak in agroforestry model in Northwest ITTO Teak Project in Mekong



Target Areas

Province	Activity
Thanh Hoa	Demonstration model of nursery, silviculture
Son La	Smallholder teak planting survey
Dak Lak	Mother tree and seed production plantation selection
Dong Nai	





Organization within the participating country

- Professional staff of the participating country:
 - Tran Lam Dong - National Coordinator
 - Supporting staff: Nguyen Van Bich Dang Thinh Trieu
- Silviculture Research Institute, Vietnamese Academy of Forest Sciences
- Regional and national consultants:
 - Regional: Consultant 7
 - National: Consultant 4 and 5

ITTO Teak Project in Mekong

Budget Arrangement (allocation)

Executing and collaborating agencies	Allocation (in US\$)	%
ITTO (Gov. of Germany)	1,236,250	100.00
ITTO	255,150	20.64
Cambodia	49,500	4.00
Lao PDR	49,500	4.00
Myanmar	170,000	13.75
Thailand	621,850	50.30
Vietnam	90,250	7.30

ITTO Teak Project in Mekong



Outputs and Activities

Outputs and Activities	Responsible party	Year 1				Year 2				Year 3			
		Quarter				Quarter				Quarter			
		1	2	3	4	1	2	3	4	1	2	3	4
Output 1: The conservation of teak genetic resources, sustainable management and use of natural teak forests and market accesses of teak from legal sources have been improved													
1.2 Review and analyze opportunities for improved market accesses of teak wood and teak products from legal and sustainable sources in the five participating countries	Reg. Act. Manager Nat. coordinators Consultant 4 VAFS												
Output 2: Community-based and smallholders teak forest management and agroforestry systems have been strengthened with improved legal and sustainable supply chains													
2.1 Support local communities and smallholders through establishment of demonstration plots and field training on the following subjects: (1) seed production/nursery techniques, (2) silvicultural practices and improved stand management, and (3) minimizing harvesting loss, efficient transport and processing of teak roundwood, and (4) supply chains and marketing.	VAFS, Reg. Act. Manager Nat. coordinators Consultant 5 and 6												
2.2 Carry out a teak value chain analysis of smallholders to increase their access to markets by improved primary processing as well as capital and market information	VAFS, Reg. Act. Manager Nat. coordinators Consultant 7												

Outputs and Activities of Year 1

Output 1	The conservation of teak genetic resources, sustainable management and use of natural teak forests and market accesses of teak from legal sources have been improved.
A 1.2	Review and analyse opportunities for improved market accesses of teak wood and teak products from legal and sustainable sources in Vietnam:
1.2.1	Gather information on existing experience and knowledge on teak resources through Vietnam;
1.2.2	Addressing certification of sustainability of forest management and the verification of timber legality in Vietnam;
1.2.3	Gather and assess information on demand and supply of teak (roundwood, etc) in Vietnam;
1.2.4	Recruit consultant 4 (Legality, certification, sustainable supply chain).



Output 2	Community-based and smallholders teak forest management and agroforestry systems have been strengthened with improved legal and sustainable supply chains.
A 2.1	Support local communities and smallholders through establishment of demonstration plots and field training on the following subjects: (1) seed production/nursery techniques, (2) silvicultural practices and improved stand management, and (3) supply chains and marketing in Vietnam.
2.1.1	Identification and establishment of seed production areas, mother trees, plus trees; contract with owners for maintaining these seed production stocks;
2.1.2	Procurement of equipment and provide funding for nurseries establishment and seedling production;
2.1.3	Conduct training to strengthen capacity (seed production and nursery techniques);
2.1.4	Progeny/clonal tests of the selected seed production areas, mother/plus trees, and some selected clones that were transferred from Laos in an ACIAR supported project which has ended;
2.1.5	Establishment of demonstration plots of different silviculture options:
2.1.6	Plantation for saw-log, agroforestry, scatter planting; Recruit consultant 5 (Filed training Silviculture practices).

Output 2	Community-based and smallholders teak forest management and agroforestry systems have been strengthened with improved legal and sustainable supply chains.
A 2.2	Carry out a teak value chain analysis of smallholders to increase their access to markets by improved primary processing as well as capital and market information (Myanmar, Thailand, and Vietnam).
2.2.1	Survey on the current situation, opportunity, challenge and solution for development of teak planting by smallholders in Vietnam;
2.2.2	Conduct a workshop on teak value chain analysis, capital and market information for small scale private teak plantation;
2.2.3	Recruit consultant 7 (Value Chain Analysis).

ITTO Teak Project in Mekong

Category	Description	Total	Year 1
A	Personnel and consultants		
A10	Cons. 7 Value Chain Analysis	12,000	
A	Subtotal	12,000	
B	Lump sum items		
B01	Operation cost for project offices (electric, communication, consumables)	2,700	500
B	Subtotal	2,700	500
C	Reimbursable items		
C20	Staff Travel (flights, transp. Lodging, food)		
C21	International travel of RAM & staff	3,200	
C30	Consult. Travel (flights, transp., lodging, food)		
C31	International travel consultants	3,750	
C32	National travel consultants	3,600	300
C40	Others items		
C41	Operation costs of vehicles (rent)	3,000	1,000
C42	Cost of equipment for project offices	1,500	400
C43	Training cost (3 events; venue, stationery, food, lodging)	50,000	37,500
C44	Small scale forestry tools for communities	1,500	300
C47	Demonstration plots, nurseries, etc	9,000	
C	Subtotal	75,550	39,500
100	GRAND TOTAL	90,250	40,000

QUESTIONS AND ANSWERS

ITTO Teak Project in Mekong

Changes since submission/approval of the project proposal (Project Document)

- Explanation and comparison

ITTO Teak Project in Mekong