



한-아세안 산림협력협정  
ASEAN-Korea Forest Cooperation

# ANNUAL REPORT

2016

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# ANNUAL REPORT

## 2016



## About ASEAN-ROK Forest Cooperation (AFoCo)

The ASEAN-ROK Forest Cooperation (AFoCo) is a regional cooperation mechanism in the forestry sector between the governments of ASEAN Member State (AMS) and the Republic of Korea (ROK). The AFoCo aims to promote rehabilitation of degraded forest and lands and sustainable forest management focusing on action-oriented field activities while ensuring synergies and complementation of existing cooperation, as well as to broaden the scope to other Asian countries towards the establishment of Asian Forest Cooperation Organization.

The AFoCo was formalized by the “Agreement between the Governments of the Member State of the Association of Southeast Asian Nations and the Republic of Korea on Forest Cooperation,” also known as “AFoCo Agreement.” The AFoCo Agreement was finalized in 2011 after five sessions of working group meetings which was formulated in 2009 after ROK’s proposal for the establishment of Asian Forest Cooperation Organization (AFoCO) at the ASEAN-ROK Commemorative Summit held in Jeju, ROK in June 2009.

The AFoCo Agreement was signed at the 14th ASEAN-ROK Summit held in Bali, Indonesia on 18 November 2011 and came into force on 5 August 2012. Upon the completion of the effective period of the AFoCo Agreement on 4 August 2016, transitional arrangements approved by the Governing Council will ensure proper transition into the next phase of Asian Forest Cooperation Organization.

The key areas of cooperation of AFoCo include:

- Promoting sustainable forest management;
- Addressing deforestation and forest degradation;
- Strengthening capacity-building, public awareness, and research & development in forest sector; and
- Enhancing forest carbon stocks and supporting initiatives.

The AFoCo has an institutional arrangement with two (2) organs, namely the “Governing Council,” and the “Secretariat.” The Governing Council is responsible for the timely implementation of the agreement and will act as a decision-making body. The secretariat is responsible for the implementation, coordination, monitoring and reporting of activities under AFoCo. The Secretariat is headed by the Executive Director operating with two teams: Planning, Budget & Human Resource (HR) and Management Team, and the International Cooperation Team.

The Annual Report 2016 covers the period from 1 January 2016 until the completion of the effective period of the AFoCo Agreement on 4 August 2016.

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## AFoCo Calendar of Activities (1 January ~ 4 August 2016)

DATE	TITLE	VENUE
18 January 2016	Technical Meetings for Regional Projects	Bangkok, Thailand
19 January 2016	First Project Steering Committee Meeting for Restoration of Degraded Forest Regions under the Landmark Program	Bangkok, Thailand
20 January 2016	Third Steering Committee Meeting for Regional Education and Training Center (Landmark Program)	Bangkok, Thailand
21-23 January 2016	Regional Workshop on Alternative Livelihood for Local Community to Address the Adverse Impact of Climate Change	Chiang Mai, Thailand
27 January 2016	Signing of the MOU between AFoCo and Cheongju MBC	Cheongju, ROK
22 February 2016	Inception Meeting for the Conduct of Regional Workshop on Comparative Assessment of In-Country Community Forest Management (CFM) Planning in the Philippines, Indonesia and Thailand	Clark, Philippines
23-26 February 2016	Third Asia Pacific Forestry Week – Stream 5–Our Green Future: green investment and growing natural assets	Clark, Philippines
24 February 2016	Workshop on Forest Spatial Information and User-oriented Service System	Clark, Philippines
14-18 March 2016	AFoCo Landmark Program Training Course on Sustainable Forest Management Policy	Yogyakarta, Indonesia
18 March 2016	Inception Workshop for Rehabilitation of Mangrove Forest in Viet Nam (Landmark Program)	Thai Binh, Viet Nam
30 March 2016	Eighth Session of the Governing Council of the Agreement on ASEAN-ROK Forest Cooperation	Bandar Seri Begawan, Brunei Darussalam

DATE	TITLE	VENUE
25 April 2016	Signing of the MOU for joint production of documentary film	Seoul, ROK
6 May 2016	Third Working Group Meeting for the Establishment of Regional Education and Training Center (Landmark Program)	Hmawbi, Myanmar
23-27 May 2016	AFoCo Landmark Program Training Course on Forest Fire Sciences and Management in 21 <sup>st</sup> century for Training of Trainers	Bangkok, Thailand
27 May 2016	Inception Workshop for Restoration of Major Timber Species in Cambodia (Landmark Program)	Siem Reap, Cambodia
30 May 2016	Inception Workshop for Village-based Forest Rehabilitation in Lao PDR (Landmark Program)	Vientiane, Lao PDR
17 June 2016	AFoCo Landmark Scholarship Awarding Ceremony	Seoul, ROK
20 June 2016	Signing of AFoCO Agreement by Timor-Leste	Seoul, ROK
12-14 July 2016	AFoCo Regional Workshop on Comparative Assessment of In-Country Community Forest Management (CFM) Planning	Davao City, Philippines
26 July 2016	Special Session of the Governing Council of the Agreement on ASEAN-ROK Forest Cooperation	Bangkok, Thailand
2 August 2016	Signing of AFoCO Agreement by Indonesia	Seoul, ROK
3-5 August 2016	Asia Pacific Rainforest Summit	Bandar Seri Begawan, Brunei Darussalam

# I. Governing Council

The Governing Council (GC) of the "Agreement between the Governments of the Member States of the Association of Southeast Asian Nations and the Republic of Korea (ROK) on Forest Cooperation," represented by senior officials on forestry from each party, is the decision making, coordinating, and implementing body of AFoCo.

The session of the GC meets at least once a year and takes decisions on the program for implementation of activities and other actions necessary to achieve the objective of the Agreement. Nine sessions have been convened since the entry into force of the Agreement on 5 August 2012.

## 1. Eighth Session of the Governing Council, 30 March 2016, Bandar Seri Begawan, Brunei Darussalam

The 8<sup>th</sup> session of the GC was held on 30 March 2016 in Bandar Seri Begawan, Brunei Darussalam. After the Session of the Governing Council, the host country arranged a field excursion to the Selirong Forest Recreation Park where over 2,500 ha of mangrove forest is growing.

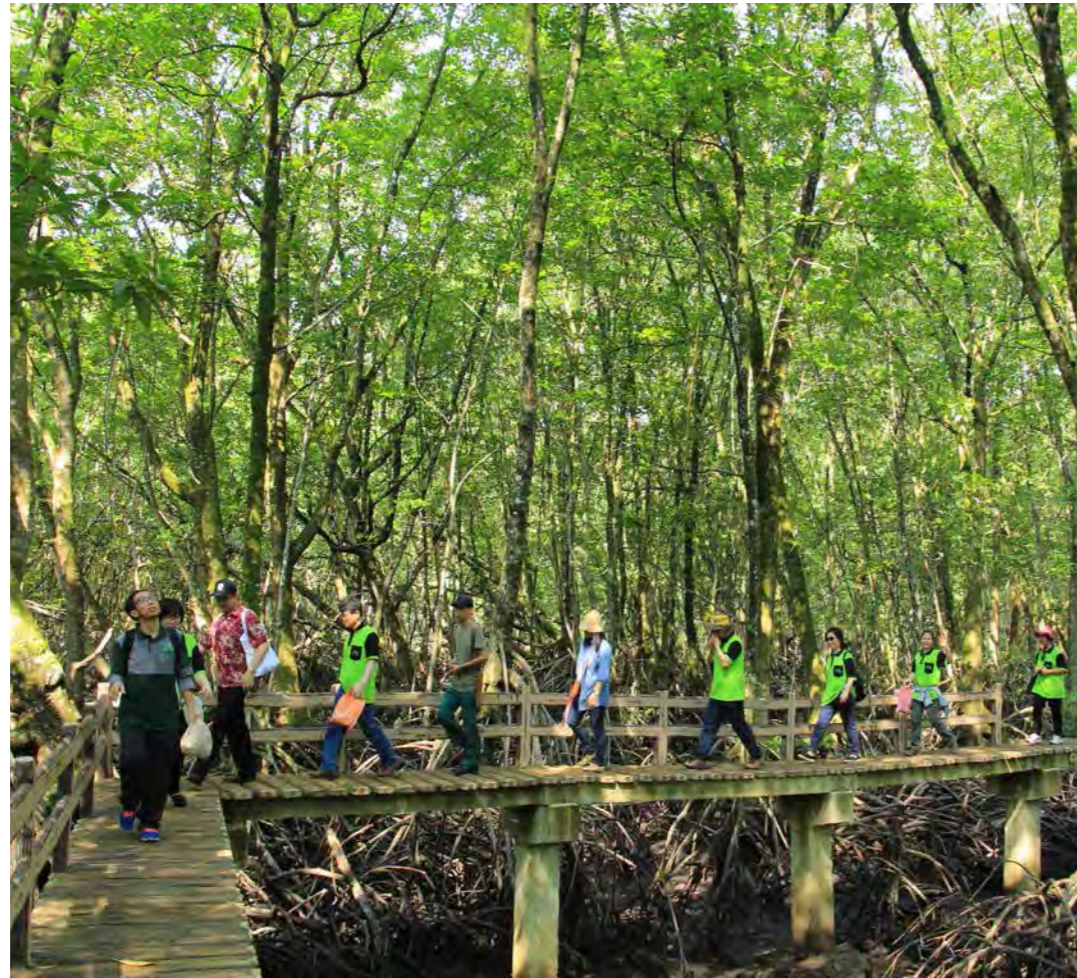
Dr. Hj Abdul Manaf Hj Metussin, Permanent Secretary of Ministry of Primary Resources and Tourism of Brunei Darussalam officially welcomed the delegates and at the opening introduction reiterated the commitment of all AMS to the common objectives for greener Asia and support for AFoCo and continued cooperation through Asian Forest Cooperation Organization in the future.

As AFoCo entered its final year, the Governing Council agreed on the administrative procedure to follow after termination of the AFoCo Agreement. Each country also shared respective progress on the domestic procedures to become a party to AFoCO.

After finalizing long preparatory processes among participating countries, the GC approved two new projects: Domestication of Endangered, Endemic and Threatened Plant Species in Disturbed Terrestrial Ecosystem in Malaysia and Thailand; and Capacity Building for Landscape Approach to support the Sustainable Natural Resources Management in Brunei, Indonesia, Philippines and Singapore.



〈Group Photo at the Eighth Session of the Governing Council〉



〈Field excursion at Selirong Forest Recreation Park〉

## 2. Special Session of the Governing Council, 26 July 2016 in Bangkok, Thailand

The Special Session of the AFoCo GC was held on 26 July 2016 in Bangkok, Thailand as the final session of the Governing Council before entering the interim arrangements on August 4, 2016.

The Special Session provided the venue for all members to share insights and appreciations on the implementation of AFoCo. The members of the GC extended appreciation to Korea and the Secretariat for the initiative and support.

The Meeting addressed the Special Report which is the summary of successful implementation of AFoCo during its 4-year journey. The meeting also agreed on the detailed transitional arrangements to the Interim Secretariat in accordance with the decision of the 8<sup>th</sup> Session of the GC. Respective focal officials are nominated for further communications during the transitional period.



〈Special Session of the Governing Council〉

## II. Secretariat

The Secretariat established under the AFoCo Agreement assists the Governing Council in the implementation, coordination, monitoring and reporting of activities under AFoCo. The Secretariat has been operational since September 2012 after the Agreement entered into force. The Secretariat is located in Seoul and headed by the Executive Director and is currently operating with 2 teams.

### 1. Meetings in 2016

18  
January

#### 1.1 Technical Meetings for Regional Projects, Bangkok, Thailand

Technical Meetings were organized to discuss and resolve the outstanding issues for two regional projects: Facilitating the participatory planning of community-based forest management using geographic information system and remote sensing technologies in forest resources management in the Philippines, Indonesia and Thailand; and Developing High Valuable Species in Vietnam and Thailand as a Mechanism for Sustainable Forest Management and Livelihood Improvement for Local Communities.

The Meeting was conducted primarily to finalize the work and budget plan, project management structure, and develop detailed budget breakdown.

24  
February

#### 1.2 Workshop on Forest Spatial Information and User-Oriented Service System

AFoCo Secretariat in partnership with the Korea Forestry Promotion Institute (KOFPI) organized the Workshop on Forest Spatial Information and User-oriented Service System during the Asia-Pacific Forestry Week 2016 (APFW2016) under Stream 5 on 24 February 2016 at Molave Room of Holiday Inn-Clark, Philippines.

It was successfully held attracting more than 100 participants. The Workshop featured presentation from the experts and demonstration of existing systems in Korea as well as outdoor demonstration using drones. The workshop introduced new and appropriate technologies for forest spatial data and service system to share with neighboring countries and organization in the Asia-Pacific region.

The workshop shed a light on existing forest management schemes in the various countries in the Southeast Asia and Asia Pacific region highlighting the importance to have investments, technical developments, as well as application of new technology for further development of forest resources. There is a need to have a reliable technology to efficiently manage and collect data which will be the base information in identifying the current status in order to develop a practical future direction for forest investment.



⟨Indoor presentation by experts and discussion session⟩



⟨Outdoor demonstration on use of drone for forest resource assessment⟩

## 2. Exhibitions and Promotional Activities

23-26  
February

### 2.1 Third Asia Pacific Forestry Week

The Asia-Pacific Forestry Week 2016 (APFW 2016) was successfully held from 22-26 February 2016 at the Clark Freeport Zone of the Philippines with more than 1,200 participants from the region.

The Food and Agriculture Organization of the United Nations (FAO) and its partners invited people interested, and committed to, sustainable forest management in Asia and the Pacific to come together for one of the largest and most important forestry gatherings in the region in 2016. The 26th Session of the Asia-Pacific Forestry Commission was organized in conjunction with the APFW 2016.

The main theme of APFW 2016 is Growing Our Future! There are five sub-thematic streams: (1) Pathways to prosperity: Future trade and markets; (2) Tackling climate change: challenges and opportunities; (3) Serving society: forestry and people; (4) New institutions, new governance; and (5) Our green future: green investment and growing our natural assets.



⟨AFoCo Booth at the APFW 2016⟩

The AFoCo was the co-stream leader of sub-thematic Stream 5 in partnership with APFNet. Stream 5 was held with great success hosting 16 events with more than 100 speakers and more than 300 participants. Stream 5 discussed the topics including:

- Understanding and mobilizing green investments
- Large-scale forest industries in smallholders and communities
- Community forestry
- Forestry education
- Forest landscape restoration
- Forest resource management technologies
- Biodiversity
- Genetic resource conservation
- Invasive species management



〈Opening plenary of Stream 5 held on 23 February 2016 at Molave Room, Holiday Inn–Clark, Philippines〉

Sub-thematic Stream 5 recommended the Asia-Pacific Forestry Commission and its members and stakeholders to consider facilitating cross-sectorial dialogue and partnerships among policymakers, financiers and other stakeholders in the public and private sectors, with a view to creating an enabling policy environment for green investments in forests and other natural assets in the Asia-Pacific region. Initial actions may involve forming public-private partnerships.

3-5  
August

## 2.2 Asia Pacific Rainforest Summit

The 2016 Asia-Pacific Rainforest Summit was held from 3-5 August in Bandar Seri Begawan, Brunei Darussalam.

It brought together stakeholders from government, business, civil society and the research community to catalyze practical action on reducing emissions from deforestation and forest degradation, and achieving sustainable development in the region. AFoCo exhibited its relevant efforts and activities in the region.



〈AFoCo exhibition at the 2016 Asia Pacific Rainforest Summit〉

### 3. Cooperation with Relevant Agencies and Organizations

#### 3.1 Joint production of documentary film between AFoCo and Cheongju MBC

The Secretariat signed Memorandum of Understanding (MOU) with Cheongju MBC, one of Korea's public broadcasting companies, for mutual cooperation in publicity activities on 27 January 2016. Later, in line with the decision of the Governing Council for production of a documentary film on tropical forest and people, the Secretariat further collaborated with Cheongju MBC and signed MOU for joint production of documentary film on 25 April 2016.

Soon after, the filming team was formed and organized on-location filming from June to September 2016. The making of the documentary film is expected to be finalized in December 2016 for national television broadcast in Korea in January 2017.



〈Signing of MOU with Cheongju MBC〉



〈Oddar Meanchey, Cambodia〉



〈Krui Tribe, Indonesia〉



〈Palawan, Philippines〉



〈Chiang Rai, Thailand〉



〈Lam Dong Province, Viet Nam〉

The film is intended to be distributed among the members of AFoCo for further dissemination and use for publicity, public awareness-raising, and educational purposes.

The film focused on the importance of the tropical forest and people in the context of climate change impacts, livelihood, traditional knowledge how they utilize and protect their forest and forestry resources as well as how they contribute to protect natural resources in view of green economy. The key message of the film will be that it is important to manage the forest at the same time provide sustainable livelihood for the forest-dependent communities.

24 May  
-2 June

### 3.3 Ninth Executive Forest Policy Course, Yogyakarta, Indonesia

The Food and Agriculture Organization of the United Nations (FAO), in collaboration with the Ministry of Environment and Forestry of Indonesia organized the Ninth Executive Forest Policy Course with the theme Sustainable Development Goals, Climate Change and the Future of Forests in the Asia- Pacific Region from 24 May to 2 June 2016 in Yogyakarta, Indonesia.

The Secretariat provided a resource person to give presentation on the Korean experience of forest restoration. The course was able to benefit senior officials dealing with land use and forest policies, academics, staff from bilateral and multilateral agencies, civil society organizations and the private sector from the Asia-Pacific region.



⟨Lecture by Prof. Han Dongguen on integrated community development program (Saemaul Undong) during the Ninth Executive Forest Policy Course⟩

# III. Cooperation Projects under the Agreement

AFoCo projects implement activities related to rehabilitation and conservation of forest resources, as well as capacity building, in line with the goals of AFoCo to carry out action-oriented field activities while ensuring synergies and complementation of existing cooperation, regional and international organizations.

## 1. AFoCo Landmark Program

The AFoCo Landmark Program was established with long-term goals under a holistic approach of "Restoring Degraded Forest in Southeast Asia as a Model for a Greener Asia". Following the approval by the 3<sup>rd</sup> Session of the Governing Council held on 18 October 2013 in Singapore, a 10-year AFoCo Landmark Program was launched in 2014 with a total budget of USD 15 million. The Landmark Program provides a practical model for forest rehabilitation in the region and aims to narrow the technical gap among the AMS. There are 4 components under the Program and summary of activities under each component as of 4 August 2016 are as below.

### 1.1 Component 1: Establishment of Regional Education and Training Center (RETC)

20  
January

#### 1.1.1 3<sup>rd</sup> Steering Committee Meeting, Bangkok, Thailand

The Third Steering Committee Meeting was held on 20 January 2016 in Bangkok, Thailand. Three Steering Committee parties, Ministry of Environmental Conservation and Forestry (MOECAF) of Myanmar, Korea Forest Service and the Secretariat attended the Meeting and approved the 2016 construction plan for the RETC. The meeting also discussed current issues on the landscape design and the RETC operation plan.



⟨3<sup>rd</sup> Steering Committee Meeting, Bangkok, Thailand⟩

6  
May

### 1.1.2 3<sup>rd</sup> Working Group Meeting, Yangon, Myanmar

The Third Working Group Meeting was held on 6 May 2016 in Yangon, Myanmar. The Forest Department of MOECAP of Myanmar and the Secretariat discussed technical matters as well as the progress of the RETC construction, equipment provision plan, and RETC operation plan.



⟨3<sup>rd</sup> Working Group Meeting, Yangon, Myanmar⟩

### 1.1.3 RETC construction

Following the commencement of the RETC construction on 1 November 2015, the construction progress of the RETC reached approximately 35% by July 2016. The RETC construction was scheduled to be completed by the end of October 2016. However, the construction was delayed by unexpected extreme weather conditions and delay of subcontract order for construction materials. The Secretariat rescheduled the construction work to prevent further delays.



⟨RETC construction site⟩

## 1.2 Component 2: Development of Education and Training Programs for Capacity Building

The Secretariat, in cooperation with AFoCo members, organized a total of two training courses and trained seventy-eight (78) participants as of 4 August 2016.

14-18  
March

### 1.2.1 Sustainable Forest Management Policy

The training course on "Sustainable Forest Management Policy" was held from 14-18 March 2016 in Indonesia. It was organized in cooperation with Perhutani, Indonesia. Twenty seven (27) participants from 9 countries attended this training course.



⟨Participants during a lecture session on Community-Based Forest Management⟩

23-27  
May

### 1.2.2 Forest Fire Sciences and Management in the 21<sup>st</sup> century for Training of Trainers, Thailand

The training course on "Forest Fire Sciences and Management in the 21<sup>st</sup> century for Training of Trainers" was held in cooperation with the Royal Forest Department of Thailand from 23-27 May 2016 in Thailand. Fifty one (51) participants from 10 countries, including 30 Thai fire rangers, attended this workshop.



⟨Hands-on forest fire suppression practice during a study tour to Sungnoen National Reserves Forest⟩

### 1.2.3 Scholarship Program

Three (3) candidates who received the scholarship under the 2015 Landmark Graduate Scholarship Program commenced their studies in the 2<sup>nd</sup> semester of 2015 - one student from Indonesia is enrolled in the doctoral degree program at the University of Seoul, and two (2) students from Cambodia and Viet Nam are enrolled in the master's degree program at Yeungnam University.

On 23 June 2016, a total of five new scholarship recipients were selected out of eight impressive and outstanding applicants from Cambodia, Lao PDR, Myanmar, Philippines, Thailand and Vietnam.

The selected scholarship candidates are:

1. Ms. Siriluck Thammanu, Doctoral degree program (Thailand)
2. Ms. Baisone Inthirath, Master's degree program (Laos)
3. Mr. Aung Aung, Master's degree program (Myanmar)
4. Ms. Ma. Carmina M. Canua, Master's degree program (Philippines)
5. Ms. Tran Thi Mai Anh, Master's degree program (Viet Nam)

Each candidate will apply for admission in the spring semester of 2017 to any of the Secretariat's partner universities in Korea who have signed a MOU with the Secretariat.

## 1.3 Component 3: Restoration of Degraded Forest Regions

The Secretariat and three implementing countries, Cambodia, Lao PDR and Viet Nam, started the restoration projects in each country from 2016. The activities below are achievements as of 4 August 2016.

### 1.3.1 1<sup>st</sup> Project Steering Committee Meeting, Bangkok, Thailand

The 1<sup>st</sup> Project Steering Committee (PSC) Meeting was held on 19 January 2016 in Bangkok, Thailand, together with the three implementing countries of forest restoration projects under the Landmark Program and the ASEAN-ROK Forest Cooperation (AFoCo) Secretariat. The Meeting decided to follow each country's views and its relevant domestic regulations for the finalization of the Rules of Procedures (ROPs) for the project office management and the PSC. The technical workshop at the 2<sup>nd</sup> Session of the Meeting with delegates from AFoCo Member countries provided a general discussion ground for the restoration projects in three countries.

19  
January



〈1<sup>st</sup> Project Steering Committee Meeting for Component – 3〉

### 1.3.2 Cambodia: "Establishment of Forest Genetics Research Center for Restoration of Major Timber Species in Cambodia"

The project started collecting seeds of three target timber species, *Dalbergia cochinchinensis*, *Dipterocarpus intricatus* and *Pterocarpus macrocarpus*, throughout the nation between November 2015 and April 2016. At the same time, the vegetative propagation (cutting & grafting) test was conducted as the first step towards the establishment of the nation's first clonal seed orchard. The inception workshop was organized by the implementing agency, the Institute of Forest and Wildlife Research and Development (IRD), on 27 May 2016 in Siem Reap, Cambodia with over 30 stakeholders from the IRD, the Forest Administration (FA), Siem Reap province, the Royal University of Agriculture and the Secretariat. From July 2016, seedlings of the two (2) timber species were planted in the 8-ha progeny test plantation site and the 2-ha clonal seed orchard.

### 1.3.3 Lao PDR: "Village-based Forest Rehabilitation in Lao PDR"

After the finalization of the work plan for the two project sites in Paksong in Champasak province and Sangthong in Vientiane Capital from January to May 2016, the inception workshop was organized by the implementing agency, the Department of Forestry (DoF), on 30 May 2016 in Vientiane, Lao PDR, with over 30 stakeholders from the DoF, Vientiane Capital, Champasak province and the Secretariat. In June and July 2016, each district started its establishment and the project area was demarcated via a ground survey. In August 2016, consultation meetings with local people were organized to establish village groups for plantation and protection activities for the project.

### 1.3.4 Viet Nam: "Rehabilitation and Development of Mangrove Forest Ecosystem in Thai Binh Province, Viet Nam"

The inception workshop for the mangrove rehabilitation project in Viet Nam under the AFoCo Landmark Program was held on 18 March 2016 in Thai Binh Province, Viet Nam. The workshop was organized by the implementing agency, the Viet Nam Administration of Forestry (VNFOREST), together with the Department of Agriculture and Rural Development of Thai Binh Province (Thai Binh DARD). Two project offices were opened in March 2016 in Ha Noi and Thai Binh to facilitate project coordination. In April 2016, the drawing of plantation designs on the project maps for the annual 40-ha target plantation area commenced for plantation in November 2016. For the 800-ha protection activity, the project developed the regulations and organize meetings with local communities to disseminate the information.

### 1.4 Component 4: Development of Advocacy Activities

The Secretariat has signed a contract for the development of a website for the AFoCO RETC on 3 June 2016. The development of website is scheduled to be completed by September 2016. This website will play a key role in promoting the AFoCo RETC and its training and education programs from 2017 onwards.



## 2. Regional Projects

### 2.1 Capacity Building on Improving Forest Resources Assessment and Enhancing the Involvement of Local Communities to Address the Adverse Impact of Climate Change

The final regional level activity under this project was the Workshop on Alternative Livelihood which was conducted on 21-23 January 2016 in Chiang Mai, Thailand. The workshop was attended by 45 participants from 9 ASEAN Member States and local participants. Each country presented its national program on the development of alternative livelihood for local communities, especially to address the impact of climate change. Participants also visited Mae Ta sub district to learn community empowerment through forestry and other related program.



(Group photo at the Workshop on Alternative Livelihood, 21–23 January 2016, Chiang Mai, Thailand)

The activities in 2016 also include training for local communities in Myanmar on 4-27 February, Philippines on 8-10 March, Cambodia on 14-26 March, and Viet Nam on 17-26 March.

The 2-year project completed all its activities on 31 May 2016. This project was reinforced equipment and resources as well as skilled persons for forest resources assessment in the participating countries. Highlights from this project are as below:



Brunei Darussalam established a new unit, called RS/GIS Lab Unit under Forestry Division equipped with RS/GIS tools, and enhanced capacities and capabilities of officers who will operate the new RS/GIS unit.



Cambodia's Training of Trainers on RS/GIS Application for FRA strengthened skilled trainers to train other government officers in doing RS/GIS application for FRA. The RS/GIS equipment supports forest resources assessment in the country. Training on community-based forest management, REDD+ concept, forest monitoring and alternative livelihood contributed in supporting local communities.



National training of trainers on RS/GIS application for FRA is in line with national priority of mainstreaming FMU/KPH in forestry development in Indonesia. It was attended by officers from Forest Management Unit from 10 provinces. Modules on RS/GIS Application for FRA will continue to serve as a reference for training in Ministry of Environment and Forestry as well as for Universities.



Training of trainer on RS/GIS application for forest resources assessment enhanced capacity and capability of government officers in Lao PDR. Training on alternative livelihood development for local community support them to have alternative income from goat and poultry raising, and bamboo handicraft.



The training in Myanmar supported young foresters and researchers so as to effectively and efficiently apply RS/GIS technologies which are very useful in forest monitoring activities. Surveys were conducted in 47 villages in 14 townships of the 6 States and Regions for study on alternative livelihood.



In the Philippines, study on alternative livelihood, particularly related to the success stories and best practices on climate change and alternative livelihood practices provided direction in building the awareness of the local communities and at the same time strengthened their capability and resiliency to cope with climate change.



Through training in Thailand, the quality of forest inventory is enhanced and the number of skilled personnel is increased. Thailand's agroforestry model was developed to increase alternative livelihood for local community.



Viet Nam conducted alternative livelihood studies and community trainings to improve livelihood for local people residing in buffer zones and reduce impacts on the ecosystem and biodiversity in national park. The trainings on RS/GIS technology helped to better understand the capabilities, capacity and technology development in the assessment of forest resources in Viet Nam as well as achievement, problems and needs to conduct FRA and to collect relevant information from local to the central level to support the implementation of the national program of forest resources inventory and assessments.



## 2.2 Promotion of Forest Rehabilitation in Cambodia and Viet Nam through Demonstration Models and Improvement of Seed Supply System

The Institute of Forest and Wildlife Research and Development (IRD) of the Forestry Administration (FA), Cambodia, and the Research Institute for Forest Ecology and Environment (RIFEE) of the Vietnamese Academy of Forest Sciences (VAFS), Viet Nam, are implementing agencies for this five year project (2014-2019) with a total budget of US\$1,000,000.

Major accomplishments in 2016 are highlighted below.

- Identification of seed sources of priority tree species in natural forests resulted in the list of seed sources, tree species, and seed suppliers

Several sites in community forests, protected forest and permanent forest estates in Cambodia were visited by the project team. Fifteen (15) sites were considered suitable seed sources in natural forests with the total number of 20 priority tree species used in and have the potential for tree planting.



⟨Selection of seed source and primary data collection, Kbal Chhay, Cambodia⟩

- Maintenance and monitoring of existing seed production area in Kbal Chhay Watershed Protected Area

Maintenance and monitoring are conducted on seed production areas of indigenous tree species and reforestation areas of about 10 hectare in Kbal Chhay Watershed Protected Area, Cambodia. Weeds and undergrowth were cleared and data on growth (DBH and total height) of planted trees were collected.

- Running of existing tissue culture laboratory  
Lab technicians of the Institute of Forest and Wildlife Research and Development (IRD), Cambodia have been working with testing of medium for timber species, such as *Dalbergia cochinchinensis* and *Lagerstroemia loudonii*. A preliminary result shows that one of the media tested is suitable for *Lagerstroemia loudonii*. Testing of vegetative cutting for production of seedlings of *Azelia xylocarpa* and *Dalbergia cochinchinensis* has been underway. Preliminary results show that vegetative propagation through cutting is viable.
- Establishment, maintenance and monitoring of demonstration plot on forest restoration by high-density planting of mix, indigenous tree species in Siem Reap province  
A total number of 4,300 seedlings of 21 tree species were purchased and transported to a nursery at Khun Ream Commune, Banteay Srey district, Cambodia where the demonstration plot on high-density planting of indigenous tree species established.



⟨Transportation of seedlings from a producing nursery to the planting site, Khun Ream Commune, Cambodia⟩

- Maintenance of the forest restoration plots established under individual AFoCo project in Siem Reap province  
Growth data (basal diameter and total height) were collected, and weeding was conducted on site planted for trial on reforestation by direct seeding in Siem Reap province.
- Survey and development of design for agro-forestry model  
The Project Management Unit of Viet Nam and consultants in collaboration with relevant agencies and local people conducted surveys in order to select suitable sites for agro-forestry model establishment in Hoa Binh Province, Viet Nam.



⟨Agro-forestry model in Hoa Binh Province, Viet Nam⟩

- Survey and develop design of community forest management model  
Survey was conducted to select suitable sites to establish the community forest management model in Hoa Binh Province, Viet Nam.
- Establishment of new planting model  
Three hectare of mixture model of native species and *Acacia mangium* was established in Mon Hamlet, Phuc Tien Commune, Ky Son District, Hoa Binh Province, Viet Nam. The density of the model is 1600 seedlings/ha, including 800 native species seedlings/ha and 800 *Acacia mangium* seedlings/ha.
- Establishment of enrichment model  
Three hectare of enrichment model was established in Khoe Hamlet, Xam Khoe Commune, Mai Chau District, Hoa Binh Province, Viet Nam. The clear band is 2 meter in large, and parallels with the contour. The remained band is 3 meter in large, and also to be parallel with the clear bands. The density of planted seedling is 500 seedlings/ha.



⟨Participation of the local people to establish the enrichment model, Hoa Binh, Viet Nam⟩

### 2.3 Facilitating the Participatory Planning of Community-Based Forest Management using Geographic Information System and Remote Sensing Technologies in Forest Resources Management in the Philippines, Indonesia and Thailand

Following the signing of MOU in December 2014 between the Philippines and the KFS, the five-year project was launched from 2014 to 2019 with a total budget of USD 1,500,000.

- The project started with Regional Technical Meeting from 19 to 20 January 2016 in Bangkok Thailand. This was followed by Inception Meeting for the conduct of Regional Workshop on Comparative Assessment of In-Country CFM Planning held on 22 February 2016 in Clark Freeport Zone, Pampanga, Philippines and also participated in the 3<sup>rd</sup> Asia-Pacific Forestry Week (APFW) from 23 to 26 February which was held at the same place. The Regional Workshop on Comparative Assessment of In-Country Community Forest Management (CFM) Planning was conducted in Davao City, Philippines on 12-14 July 2016.



⟨Regional Workshop on Comparative Assessment of In-Country CFM Planning, 12–14 July 2016, Davao City, Philippines⟩

- Indonesia held the National Workshop on Community Forest Management Planning on 5-6 January 2016 and attended by 80 participants.
- The project pilot sites in Indonesia were identified: Hutan Nagari Paru, West Sumatra Province (Sijunjung Regency); Partnership Forest of Cempaka, Lampung Province (Pringsewu Regency); and Community Forestry of Tuar Tana, East Nusa Tenggara (Sikka Regency)



⟨Site identification in Indonesia⟩

- Training on Geographic Information System (GIS) Application for Mapping Community Forest Area Workshop were conducted on 16-20 May 2016 in Sijunjung- West Sumatera, while for Bandar Lampung were conducted on 8-22 July 2016 and on 1-5 Aug 2016 in Kupang. About 50 participants participated in the training consisted of Forestry Service and Forest Management Unit officials.
- The Workshops on Community-level Forest Management was held on 30 May-2 June 2016 in Chiang Mai, Thailand. About 40 participants involved in this workshop. The workshop identified one pilot sites each in Chiang Mai, Sahakorn Nikom, Kanjanaburi, and, Suratthani.
- The in-country activities of the Philippines started in the fourth quarter of 2016.



⟨Community-level Forest Management Workshop in Thailand⟩

## 2.4 Developing High Valuable Species in Viet Nam and Thailand as the Mechanism for Sustainable Forest Management and Livelihood Improvement for Local Communities

The project is scheduled for 3 years (2015-2018) with a total budget of USD 720,000 of which USD 600,000 is sourced from KFS and USD 120,000 is estimated as in-kind contribution from Thailand and Viet Nam. The Research Institute for Forest Ecology and Environment (RIFEE) in collaboration with Vietnamese Academy of Forest Sciences and the Royal Forest Department of Thailand are the implementing agencies of the project. Under this project, Viet Nam and Thailand will identify 2 provinces in each country and select one highly valuable non-timber forest species for each province.

Following the signing of MOU on 28 December 2015,

- Project Management Unit was established, staffs were recruited, bank account was opened and Inception Meeting was completed in Viet Nam in the second quarter of 2016.
- The project sites and species were identified in the second and third quarter of 2016. The sites are in Bac Can and Cao Bang Province and the species are *Illicium verum* and *Cinamomun cassia*.
- The activities on collection of relevant data and information on high valuable species, natural and social conditions of the two (2) provinces were completed in the second quarter of 2016.
- Activities in Thailand starts in the fourth quarter of 2016.



⟨Selected species *Illicium verum* (left) and *Cinamomun cassia* (right)⟩

## 2.5 Domestication of Endangered, Endemic and Threatened Plant Species in Disturbed Terrestrial Ecosystem in Malaysia and Thailand

This project is scheduled for 6 years (2016-2022) with a total budget of USD 1,200,000. Malaysia and Thailand are designated as implementing countries. After respective domestic clearance in both implementing countries, the signing of the Memorandum of Agreement for the project was completed by circulation on 19 May 2016.

In July, the project work and budget plan was approved for activities in 2016. Soon after, Thailand's Project Steering Committee (PSC) meeting and project staff meeting was held. The project sites were identified in 3 ha of ex-tin mined land at Tin Tailing Afforestation Centre (TTAC), Bidor, Perak, Malaysia and 3 ha of the ex-lignite landfill area in Mae Moh Mine, Lampang province, Northern region of Thailand. The implementing countries conducted for an inception meeting in August 2016.



⟨Ex-lignite landfill area in Mae Moh Mine selected as project site in Thailand⟩



⟨Ex-tin mined land at Tin Tailing Afforestation Centre (TTAC), Bidor, Perak, Malaysia⟩

### 2.6 Capacity Building on the Application of Landscape Approach to Support the Sustainable Natural Resources Management in Brunei Darussalam, Indonesia, Philippines, and Singapore

Following the decision of the 6<sup>th</sup> Session of the Governing Council, development of a new regional project was agreed to be led by the Philippines. After coordination among the participating countries, the 8<sup>th</sup> session of the Governing Council approved the project with a budget of USD 539,726 for three years among Brunei Darussalam, Indonesia, Philippines, and Singapore. The signing of agreement among Korea Forest Service, the Philippines, and the AFoCo Secretariat on 30 March 2016 marked the official starting of this project. This 3-year project primarily aims to strengthen trans-boundary forestry cooperation among the four implementing countries as well as within the ASEAN region through the application of landscape approach in natural resources management.

The implementing countries had prepared and cleared all administration process respectively to their country regulation including clearance for signing of PIAs/MOUs, project bank account register, work and budget plan among others.

The Inception Meeting for the Implementation of the AFoCo Regional Project entitled "Capacity Building on the Application of Landscape Approach to Support the Sustainable Natural Resources Management in Brunei Darussalam, Indonesia, Philippines and Singapore" was held on 9 June 2016 in the Philippines. At this occasion, the Philippines, as the lead country for this project, signed the Project Implementation Agreement with Indonesia, and the MOU with Singapore for implementation of activities under this Project.



⟨Inception Meeting, 9 June 2016, Quezon City, Philippines⟩

### 3. Fellowship Program for Officials from ASEAN Member States to AFoCo Secretariat

Following the initiation of Fellowship Program for the Officials from ASEAN Member States to AFoCo Secretariat in 2015, the AFoCo Secretariat received the Fellowship Officials 2016-2017 in April 2016 in accordance with the approval of the 7<sup>th</sup> Session of the Governing Council.

The Secretariat welcomed Mr. Le Van Cuong from Viet Nam, Mr. Mohd Jinis Abdullah from Malaysia, Ms. Galih Kartika Sari from Indonesia, and Mr. Montri Intasen from Thailand for their service from April 2016 to March 2017.



⟨Mr. Le Van Cuong, Mr. Mohd Jinis Abdullah, Ms. Galih Kartika Sari, Mr. Montri Intasen (left to right)⟩

As part of the International Cooperation Team, not only will our Fellowship Officials play key roles in facilitating upcoming regional projects, they will also assist the Secretariat in communication with members on top of their associated team responsibilities.

Mr. Le Van Cuong, Ministry of Agriculture and Rural Development (Viet Nam)

"First of all I would like to extend my greatest appreciation to the AFoCo Secretariat for offering me the opportunity to work as a Fellowship Official. This gives me as a brilliant chance to learn from experts in the AFoCo Secretariat and share experiences on forest management and international cooperation. I will try my best to work as an officer in the AFoCo and put in my greatest efforts to contribute to the cooperation between the ASEAN member countries and AFoCo. I strongly believe that AFoCo and its cooperation will be widely recognized and highly appreciated among ASEAN countries and around the world."

Mr. Mohd Jinis Abdullah, Ministry of Natural Resources and Environment (Malaysia)

"I would like to take this opportunity to thank the AFoCo Secretariat through the Governing Council for offering me a position as one of the Fellowship Officials from April 2016 to March 2017. I greatly appreciate this offer and looking forward to working closely with the other fellow officials as well the International Cooperation Team in championing AFoCo objectives regionally and internationally. It is my sincere hope to see AFoCo as one of the leading international organizations in forest management. I would also like to extend my deepest appreciation and a word of thanks to my home country, Ministry of Natural Resources and Environment Malaysia and the Forest Department of Peninsular Malaysia for selecting me to represent Malaysia in this Fellowship program."

Ms. Galih Kartika Sari, Ministry of Environment and Forestry (Indonesia)

"I would like to express my sincere thanks to the AFoCo Secretariat for offering this great opportunity to learn and to improve my capacity as part of the Fellowship Official Program. I also would like to extend my sincere appreciation to the Ministry of Environment and Forestry, The Republic of Indonesia, for supporting me to take this opportunity. I believe that in the future, the cooperation between ASEAN Countries and the Republic of Korea will create a positive impact on the forestry sector in the world."

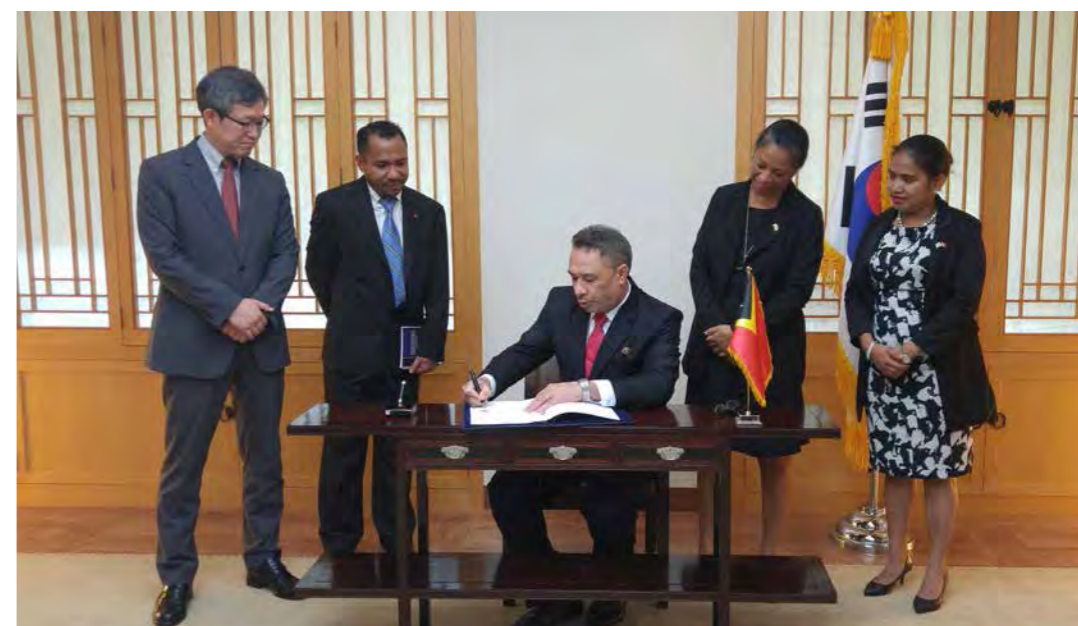
Mr. Montri Intasen, Royal Forest Department (Thailand)

"I would like to express my sincere appreciation to the AFoCo Secretariat for the invitation and for warmly welcoming me to the Fellowship Official Program for 2016. This opportunity will be a challenge but it will be amazing too. The challenge will be for us to extend our ASEAN-ROK Forest Cooperation to Asian Forest Cooperation Organization for a "greener Asia". The amazing part will be the new experiences that I will gain and the wonderful team that I will be working with at AFoCo Secretariat. I will do my best as part of the team to move forward with the organization and strengthen the cooperation among our member countries."

## IV. Transitional Arrangements and the Establishment of Asian Forest Cooperation Organization

The Dialogue for the establishment of Asian Forest Cooperation Organization (AFoCO) is one of the missions of current AFoCo Agreement and there were 6 meetings from 2013 through 2015.

Since the adoption of the AFoCO Agreement in September 2015, legal and protocol arrangement have been underway for the entry into force of the AFoCO. As of 4 August 2016, three members of the Dialogue for the Establishment of AFoCO have signed the Agreement. Following the signing by the Republic of Korea on 10 December 2015, Timor-Leste signed on 20 June 2016 followed by Indonesia on 2 August 2016. In addition, Bhutan and Viet Nam is scheduled to sign in 2016.



〈Signing by H.E. Mr. Hernani Coelho, Minister of Foreign Affairs of Timor-Leste, 20 June 2016, Seoul〉



〈Signing by H.E. Ms. Siti Nurbaya Bakar, Minister of Environment and Forestry of Indonesia, 2 August 2016, Seoul〉

The effective period of the AFoCo Agreement completes on 4 August 2016 while the AFoCO will come into effect 30 days after the deposit of the fifth instrument of ratification. To ensure efficient transfer of work and accountability, and continuity of the on-going activities, the Governing Council agreed on the transitional arrangements on all functions, personnel, assets and records of the Secretariat, cash and cash equivalents, and the implementation of the projects.

The Secretariat would be operating as the Interim Secretariat and the ROK will manage the Interim Secretariat until the entry-into-force of AFoCO. The key functions of the Interim Secretariat will be

- preparation of final financial statements as at 4<sup>th</sup> August 2016 and its circulation to the Parties of the Agreement;
- coordination and management of programs and projects which are approved under the Agreement and will continue beyond the termination of the Agreement; and
- preparation for the establishment of the AFoCO including the transfer of the Secretariat's functions, personnel, assets, and records to the AFoCO Secretariat.

After proper transfer of secretariat functions to AFoCO upon its entry into force, AFoCO will continue on the ongoing activities at the same time further expand the regional scope and strengthen its activities.

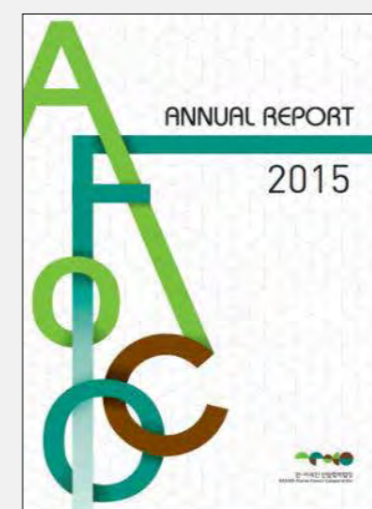
## V. Publication

### Publications in 2016



#### Four-Year Partnership of ASEAN-ROK Forest Cooperation

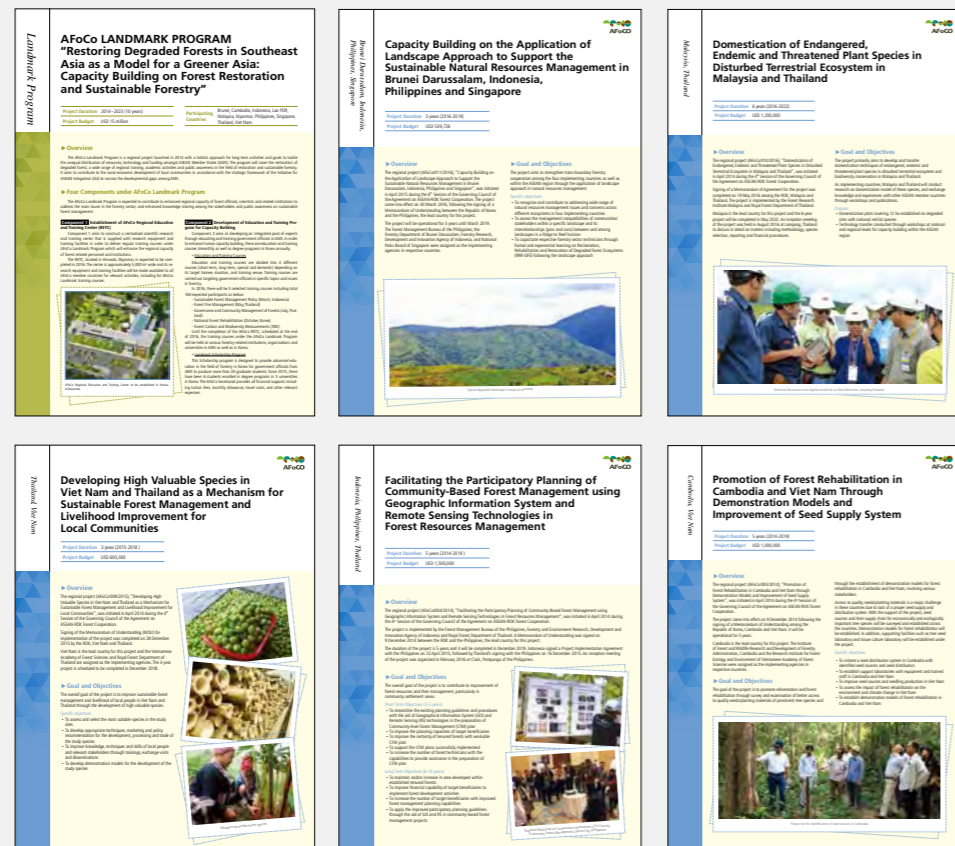
This report highlights the achievements of AFoCo Agreement and identifies the challenges and recommendations of the stakeholders to further strengthen forest cooperation in each participating country as well as in the region.



2015 Annual Report



Update on the AFoCo brochure



**Project Leaflets**

- AFoCo Landmark Program
- Promotion of Forest Rehabilitation in Cambodia and Viet Nam through Demonstration Models and Improvement of Seed Supply System (AFoCo/003/2014)
- Facilitating the Participatory Planning of Community-based Forest Management Using Geographic Information System and Remote Sensing Technologies in Forest Resources Management in the Philippines, Indonesia and Thailand (AFoCo/004/2014)
- Developing High Valuable Species in Viet Nam and Thailand as a Mechanism for Sustainable Forest Management and Livelihood Improvement for Local Communities (AFoCo/009/2015)
- Domestication of Endangered, Endemic and Threatened Plant Species in Disturbed Terrestrial Ecosystems in Malaysia and Thailand (AFoCo/010/2016)

- Capacity Building for Landscape Approach to Support the Sustainable Natural Resources Management in Brunei, Indonesia, Philippines, and Singapore (AFoCo/011/2016)



AFoCo is engaging in online publicity through online newsletter, Facebook pages and Twitter.

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# Appendix

## Members of the Governing Council

Members of the Governing Council are represented by senior official on forestry from each member country. Functions of the Governing Council include adopting relevant Rules of Procedures, approval of program and budget for activities, and promoting and strengthening cooperation with other relevant organizations to ensure synergies and avoid duplication of efforts.

### BRUNEI DARUSSALAM

Mr. Haji Faizal Haji Md Yaakob  
Acting Director, Department of Forestry  
Ministry of Primary Resources and Tourism

### CAMBODIA

Dr. Chea Sam Ang  
Deputy Director General, Forestry Administration  
Ministry of Agriculture, Forestry and Fisheries

### INDONESIA

Dr. Henry Bastaman, MES  
Director General for Research, Development and Innovation  
Ministry of Environment and Forestry

### LAO PDR

Mr. Sousath Sayakoummane  
Director-General, Department of Forestry  
Ministry of Agriculture and Forestry

### MALAYSIA

Dato' Sr. Dr. Azimuddin bin Bahari  
Deputy Secretary General (Environment)  
Ministry of Natural Resources and Environment

### MYANMAR

Dr. Nyi Nyi Kyaw  
Director General, Forest Department  
Ministry of Environmental Conservation and Forestry

### PHILIPPINES

Mr. Ricardo L. Calderon  
Director, Forest Management Bureau  
Department of Environment and Natural Resources

### SINGAPORE

Dr. Lena Chan  
Director  
National Biodiversity Centre  
National Parks Board

### THAILAND

Mr. Pralong Dumrongthai  
Deputy Director General  
Royal Forest Department, Ministry of Natural Resources and Environment

### VIET NAM

Ms. Nguyen Tuong Van  
Deputy Director  
Department of Science, Technology and International Cooperation  
Representing Head of Viet Nam Administration of Forestry

### REPUBLIC OF KOREA

Dr. Kim Yongkwan  
Director General of International Affairs Bureau  
Korea Forest Service

### The ASEAN Secretariat (Resource Person)

Senior Officer  
Agriculture Industries & Natural Resources Division  
The ASEAN Secretariat

## Acronyms

<b>AFoCO</b>	Asian Forest Cooperation Organization
<b>AFoCo</b>	ASEAN-ROK Forest Cooperation
<b>ASEAN</b>	Association of Southeast Asian Nations
<b>APFW</b>	The Asia-Pacific Forestry Week
<b>APFNet</b>	The Asia-Pacific Network for Sustainable Forest and Rehabilitation
<b>CFM</b>	Community Forest Management
<b>DBH</b>	Diameter at Breast Height
<b>Dialogue–AFoCO</b>	Dialogue for the Establishment of Asian Forest Cooperation Organization
<b>FAO</b>	The Food and Agriculture Organization of the United Nations
<b>FMU</b>	Forest Management Unit
<b>FRA</b>	Forest Resource Assessment
<b>GC</b>	Governing Council
<b>GIS</b>	Geographical Information System
<b>KFS</b>	Korea Forest Service
<b>KPH</b>	Kesatuan Pengelolaan Hutan (Forest Management Unit)
<b>MBC</b>	Mekong Basin Countries
<b>MOECAF</b>	Ministry of Environmental Conservation and Forestry
<b>MOU</b>	Memorandum of Understanding
<b>NTFP</b>	Non-Timber Forest Products
<b>PDR</b>	People's Democratic Republic
<b>PSC</b>	Project Steering Committee
<b>REDD+</b>	Reducing emissions from deforestation and forest degradation in developing countries; and the role of conservation, sustainable management of forests and enhancement of forest carbon stocks in developing countries
<b>RETC</b>	Regional Education and Training Center
<b>ROK</b>	Republic of Korea
<b>RRR–DFE</b>	Reclamation, Rehabilitation and Restoration of Degraded Forest Ecosystems
<b>RS</b>	Remote Sensing
<b>USD</b>	United States Dollar



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