

Strategic Plan of Action on ASEAN Cooperation in Food, Agriculture and Forestry

BACKGROUND

ASEAN cooperation in the agriculture sector dated back as early as 1968, with cooperation in food production and supply. In 1977, the scope of cooperation was broadened to include the greater area of agriculture and forestry as the needs have increased. At this moment, all the activities were coordinated by the Committee on Food, Agriculture and Forestry (COFAF). However, together with the other four economic committees, COFAF was dissolved and its task was transferred to SEOM.

With the adoption of the agreement on the ASEAN Free Trade Area (AFTA) in 1992, ASEAN cooperation in food, agriculture and forestry were directed to facilitate the realization of intra-ASEAN trade in unprocessed agricultural products.

MANDATE AND POLICY FRAMEWORK

Ministerial Understanding on ASEAN Cooperation in Food, Agriculture and Forestry, 1993

The Ministerial Understanding on ASEAN Cooperation in Food, Agriculture and Forestry, signed by the Fifteenth Meeting of the ASEAN Ministers on Agriculture and Forestry (AMAF) in Bandar Seri Begawan on 28 October 1993, identified seven priority areas of cooperation, viz:

- I. Strengthening food security in the region;
- II. Facilitation and promotion of intra- and extra-ASEAN trade in agriculture, fishery and forest products;
- III. Technology generation and transfer to increase productivity and develop agribusiness and silvobusiness;
- IV. Agricultural rural community and human resources development;
- V. Private sector involvement and investment;
- VI. Management and conservation of natural resources for sustainable development; and
- VII. Strengthening ASEAN cooperation and joint approaches in addressing international and regional

Second ASEAN Informal Summit, 15 December 1997

The Second Informal ASEAN Summit, held on 15 December 1997 in Kuala Lumpur agreed that the ASEAN Vision 2020 Statement for the food, agriculture and forestry sector would be to “enhance food security and international competitiveness of food, agriculture and forest products to make ASEAN a leading producer of these products and to promote the forestry sector as a model in forest management, conservation and sustainable development”.

20th AMAF Meeting, 17-18 September 1998, Hanoi

Taking into consideration this conceptual framework of the HPA to implement the ASEAN Vision 2020, the 20th AMAF Meeting, held on 17-18 September 1998 in Hanoi, adopted the Strategic Plan of Action on ASEAN Cooperation in Food, Agriculture and Forestry for the period of 1999-2004. The Strategic Plan of Action covers the overall cooperation in the three major sectors i.e. food, agriculture and forestry, but would give greater emphasis on strengthening food security arrangements in the region, enhancing the international competitiveness of food, agriculture and forest products and strengthening ASEAN position in international fora.

STRATEGIC PLAN OF ACTION ON ASEAN COOPERATION IN FOOD, AGRICULTURE AND FORESTRY

Objective

To formulate and implement regional cooperation activities to enhance the international competitiveness of ASEAN's food, agricultural and forestry products as well as further strengthen the region's food security arrangement and joint positions in international fora.

Strategic Thrust

The Strategic Plan on ASEAN cooperation in food and agriculture will adhere closely to the priority areas of cooperation identified by the 1993 Ministerial Understanding on ASEAN Cooperation in Food, Agriculture and Forestry, but with greater emphasis on strengthening food security arrangements in the region, enhancing international competitiveness of the food and agriculture sectors and strengthening ASEAN's joint positions in international fora. The strategic thrusts are:

- I. Strengthening of Food Security Arrangements in the Region;
- II. Enhancement of International Competitiveness of ASEAN Food and Agricultural Products/Commodities;
- III. Enhancement of ASEAN Cooperation and Joint Approaches on International and Regional Issues;
- IV. Development and Acceleration of Transfer and Adoption of New Technologies;
- V. Enhancement of Private Sector Involvement; and
- VI. Management, Sustainable Utilization and Conservation of Natural Resources.

As regional cooperation in forestry has taken a new dimension in ASEAN, with the scope of cooperation expanding to cover more aspects of the sector, the strategic thrusts for cooperation in forestry will be more specific, while still keeping to the general essence of the original priority areas. These will be:

- I. Sustainable forestry management;
- II. Strengthening ASEAN cooperation and joint approaches in addressing international and regional forestry issues;
- III. Promotion of intra- and extra-ASEAN trade in forest products and private sector participation;
- IV. Increasing productivity and efficient utilization of forest products; and
- V. Capacity building and human resources development.

The initial Strategic Plan covers the period of 1999 to 2004, so as to be consistent with the first phase of the Plan of Action to implement the ASEAN Vision 2020.

Prior to the expiration of the Strategic Plan of Action (SPA) on ASEAN Cooperation in Food, Agriculture and Forestry (1999-2004) preparation was made for the formulation of the new SPA (2005-2010). As part of the exercise all the ASEAN Sectoral Working Groups conducted a review of their activities and evaluated their achievements over the past five years .

To assist in the review, a research project commissioned by the ASEAN Australia Development Cooperation Programme (AADCP) – Regional Economic Policy Support Facility, entitled “Background Paper for the Strategic Plan of Action on ASEAN Cooperation in Food, Agriculture and Forestry (2005-2009)” was undertaken. This study alongside consultations and meetings of ASEAN officials concluded that the overall ASEAN Cooperation in Food, Agriculture and Forestry has made considerable progress in accordance to the stated objectives. The review also concluded that the current strategic thrusts, as stated in the SPA (1999-2004), were still consistent and relevant with the trends and issues for cooperation in the next 5-year period. The SOM-AMAF, during its Special Meeting in August 2004 in Kuching, Malaysia agreed that ASEAN cooperation in food, agriculture and forestry maintain the current strategic thrusts and continue with the ongoing activities; while several areas of importance, which had evolved and emerged throughout the past years, would be incorporated as newly proposed activities for cooperation. All ASEAN sectoral working groups were tasked to come up with detailed action programmes for their respective areas.

The new SPA for 2005-2010 was endorsed by the ASEAN Ministers on Agriculture and Forestry in October 2004 in Yangon.

A. SECTOR : FOOD

A1. SUB-SECTOR: FOOD SECURITY

STRATEGIC THRUST 1 : STRENGTHENING FOOD SECURITY ARRANGEMENTS IN THE REGION

Action Programme 1:

Strengthening of ASEAN food security statistical database and information to provide technical and institutional assistance for initiative hitherto undertaken by the ASEAN Food Security Reserve Board (AFSRB) and its secretariat to compile, manage and disseminate statistical data and information on food and food security which will pave the way for a more effective planning of food production and trade within the region.

- 1.1 The AFSRB Secretariat to explore opportunities to strengthen links with the database of other organizations with ASEAN, such as AFSIS and agencies such as FAO and USDA to complement their existing database
- 1.2 Member Countries to make their national information readily available to the AFSRB Secretariat
- 1.3 Dissemination of data and information on food and food security through various means of communication such as websites, within and outside of ASEAN Member Countries.

Action Programme 2 :

Establishment of a Regional Food Security Information System for ASEAN to allow Member Countries to effectively forecast, plan and manage their food supplies and utilization for basic commodities using up-to-date techniques as well as to provide information for investors to undertake investments and/or joint ventures in food production in conducive areas.

2.1 Collection and periodic updating of information on: (2005-2010)

i. supply and demand/utilization account for commodities such as rice, corn, soybean and sugar;

ii. current production prospects, based on crop monitoring and crop forecasting using improved and up-to-date methods and techniques, e.g. remote sensing combined with agro-meteorological observations;

iii. international/regional trade, including prices, quantities traded, transport costs, freight rates, transport capacities etc.; and

iv. Member Countries' policies and eventual policy changes related to areas affecting food security (e.g. agricultural production policies, trade policies etc.).

2.2 Establishment and maintenance of food security related baseline data for each Member Country and aggregated for the region and continuous development of this database. (e.g. population, consumption, food requirements, storage/transport infrastructure etc.) (2005-2010).

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Action Programme 3 :

Review of the Agreement on the ASEAN Food Security Reserve to realize effective cross-supply arrangements of food, especially rice, from food surplus countries, or other Member Countries, to food-deficit countries during normal conditions and in times of emergency.

3.1 Review of the earmarked quantity for the ASEAN Emergency Rice Reserve (AERR) to cater the development of the East Asia Emergency Rice Reserve (EAERR). (AMAF+3)

3.1.1 The establishment of a Pilot Project of the East Asia Emergency Rice Reserve to confirm mechanisms and workability of the EAERR (2005-2010)

3.2 Establishment of Plans for renewing Food Reserve Arrangement from the Surplus Member Country(ies) to the Deficit Member Country during normal as well as in times of emergency and/or other justifiable conditions.

3.2.1 Establishment of a guideline for the emergency rice reserve as operational activities to respond to emergency situation with particular emphasis on strengthening household food security (2005-2010)

Action Programme 4 :

Study on Long-term Supply and Demand Prospects of Major Food Commodities such as rice, corn, soybean and sugar in ASEAN

- 4.1 Study on supply and demand/utilization of rice, corn, soybean and sugar
- 4.2 Review and analyze international/regional trade information, including prices, quantities traded, transportation cost and capacities, etc
- 4.3 Review and analyze Member Countries' policies and eventual policy changes related to areas affecting food security (e.g. agricultural production policies, trade policies, etc.).
- 4.4 Assessment of current ASEAN Member Countries' requirements and management of food products and their government's coordinating efforts in the provision of food.

A2. SUB-SECTOR: FOOD HANDLING (HALAL FOOD)

STRATEGIC THRUST 2 : ENHANCEMENT OF INTERNATIONAL COMPETITIVENESS OF ASEAN FOOD AND AGRICULTURAL PRODUCTS/COMMODITIES

Action Programme 1 :

Enhancement of intra- and extra-ASEAN trade and long-term competitiveness ASEAN's food and agricultural products/ commodities.

1.1 Intensification of cooperation in production and processing technology development and transfer and enhancement of development, harmonization and adoption of quality standards for products through:

- 1.1.1 Establishment of ASEAN Scheme for Accreditation of Halal Food Establishment. (2005-2010)
- 1.1.2 Registration and Compilation of Halal Food Additives. (2005)
- 1.1.3 Capacity Building Programme of Halal Food Activities (2005-2010)
 - Training of Halal Food Inspectors (Singapore).
 - Training of Halal Food Auditors (Indonesia).
 - Training of Laboratory Analyst (Thailand).
- 1.1.4 Exchange of Halal Food Information among ASEAN Member Countries (2005-2010)

Calendar of Events of Halal Food Activities.

1.2 Implementation of ASEAN guidelines on “halal” food for both intra- and extra-ASEAN trade.

B. SECTOR : AGRICULTURE

B1. SUB-SECTOR: CROPS

STRATEGIC THRUST 2: ENHANCEMENT OF INTERNATIONAL COMPETITIVENESS OF ASEAN FOOD AND AGRICULTURAL PRODUCTS/ COMMODITIES

Action Programme 1 :

Enhancement of intra- and extra-ASEAN trade and long-term competitiveness of ASEAN’s food and agricultural products /commodities.

1.1 Monitoring of the Implementation of the CEPT Scheme for AFTA for crop products.

1.2 Intensification of cooperation in production and processing technology development and transfer and enhancement of development, harmonization and adoption of quality standards for products through:

1.2.1 Harmonization of phytosanitary measures for crop products.

i. Compilation and comparative analysis of endemic pest lists for selected crops. (2005-2010)

- Dendrobium orchid – cut flower (Singapore)
- Citrus – fruit (Brunei Darussalam)
- Mango – fruit (Indonesia)

New commodities:

- Durian – fruit (Indonesia)
- Banana – fruit (Malaysia)

ii. Development of cross-border management procedures for rice and potato (2005-2010)

- 1.2.2 Enhancement of compliance to WTO/SPS requirements for market access and competitiveness
- i. Revision of quarantine/ endemic pest lists through surveys according to ISPM standards. (2005-2010)
 - ii. Rehabilitation/ development of biological collections and databases to underpin pest lists. (2005-2010)
 - iii. Capacity building and ASEAN cooperation in pest diagnostics and identifications. (2005-2010)
 - iv. Regional protocols for pest surveys. (2005-2010)

1.2.3 Strengthening national frameworks for Pest Risk Analysis (PRA).

- i. Capacity building in PRA. (2005-2010)
- ii. Development of shared database of pest information and IRAs on exotic pest threats. (2005-2010)

1.2.4 Biosecurity planning.

- i. Compilation of an ASEAN list of common exotic pest threats and potential invasive alien species, including comprehensive biological data and intervention strategies. (2005-2010)
- ii. ASEAN cooperation in contingency planning incursion management and emergency response procedures. (2005-2010)

1.2.5 Harmonization of maximum residue limits (MRLs) of commonly used pesticides for vegetables that are widely traded between ASEAN Member Countries. (2005-2010)

- i. Harmonization of MRLs for identified pesticides.
- ii. Implementation and review of the endorsed harmonized MRLs.

1.2.6 Establishment of ASEAN Genetically Modified Food (GMF) Testing Network (2005-2010)

- i. Technical cooperation and capacity building.
- ii. Information sharing

1.2.7 ASEAN Standards for Horticultural Produce. (2005-2010)

i. Establishment of ASEAN Harmonized Standards for:

- Mango,
- Pineapple
- Durian
- Papaya
- Pummelo
- Rambutan and
- Mandarin

1.3 ASEAN-Pesticide Database Network (2005-2010)

1.3.1 Compilation of information on the national pesticide regulations

1.3.2 Common system for accessing database through electronic media

1.3.6 Establishment of database on a range of aspects related to facilitation of control and management of pesticides

1.3.7 Harmonization of regulatory processes.

STRATEGIC THRUST 3: ENHANCEMENT OF ASEAN COOPERATION AND JOINT APPROACHES IN INTERNATIONAL AND REGIONAL ISSUES

Action Programme 1 :

Strengthening Joint Positions in Addressing Non-trade Issues at International Fora to Protect the Interest of ASEAN Member Countries.

1.1 Coordinating and strengthening joint positions on international and regional fora and organizations such as WTO, FAO, APEC, Codex and ASEAN Dialogue Partners.

1.2 Pursuing common positions on international commodity issues.

STRATEGIC THRUST 4 : DEVELOPMENT, ACCELERATION OF TRANSFER AND ADOPTION OF NEW TECHNOLOGIES

Action Programme 1 :

Conduct of collaborative training and workshop to develop new/ improved technology in agricultural production, postharvest and processing activities.

1.1 Identification of improved production/ post-harvest technologies available in the region and elsewhere for possible adoption in ASEAN Member Countries.

1.1.1 AADCP Project on Quality Assurance System for ASEAN Fruits and Vegetables (2004-2007)

1.1.2 Technology Cooperation for Improvement of Efficiency in the Handling of Perishable Crops in ASEAN Countries. (2005)

1.2 Establishment of ASEAN –AVRDC Regional Network for Vegetable Research and Development. (2005-2010)

1.2.1 Project on Collection, Conservation and Evaluation of Indigenous Vegetables

1.2.2 Project on Identification of Genes Involved in Abiotic and Biotic Stress Resistance among Asian Leafy Vegetables;

1.2.3 Project on Development of Post-harvest Technology for Major Vegetable Crops of ASEAN.

1.2.4 Project on the Enhanced AARNET Linkage through Improved Vegetable Information Exchange;

1.2.5 Project on the Collation of Information about Status of Seed Production.

B2. SUB-SECTOR: FISHERIES

STRATEGIC THRUST 1 : STRENGTHENING OF FOOD SECURITY ARRANGEMENTS IN THE REGION

Action Programme 1 :

Study on Long-term Supply and Demand Prospects of Major Food Commodities (fish and fisheries products) in ASEAN Member Countries.

1.1 Pursue the implementation of the ASEAN-SEAFDEC's Resolution and Plan of Action on Sustainable Fisheries Sustainable Fisheries for Food Security for the ASEAN Region (2005-2010)

1.2 Identification of the factors of production such as quality broodstock and other good production practices.

1.2.1 Establishing network in collaboration with various international organization such as NACA, MRC, SEAFDEC in sharing information and assessment of fish stock. (2005-2010)

Action Programme 2 :

Promotion of rural fisheries development.

2.1 Establish village-fish ponds and school fish ponds in rural poor community in selected ASEAN countries.

STRATEGIC THRUST 2: ENHANCEMENT OF INTERNATIONAL COMPETITIVENESS OF ASEAN FOOD AND AGRICULTURAL PRODUCTS/ COMMODITIES

Action Programme 1 :

Enhancement of intra- and extra-ASEAN trade and long-term competitiveness of ASEAN's food and agricultural products /commodities.

1.1 Monitoring of the implementation of the CEPT Scheme for AFTA for fisheries products. (2005-2010)

1.1.1 Updating of the number of tariff lines of fisheries products that are in the Inclusion List (IL), Temporary Exclusion List (TEL), General Exception (GE) and Sensitive List of the CEPT Scheme.

1.1.2 Monitoring of tariff reduction schedules of the fisheries products in the IL.

1.2 Intensification of cooperation in production and processing technology development and transfer and enhancement of development, harmonization and adoption of quality standards for products.

1.2.1 Standardization of Quality control measures and processing techniques for fish and fisheries products.

i) Implementation of AADCP project on Quality Assurance and Safety of Fish and Fishery Products- HACCP Approach (2004-2007)

1.2.2 Standardization and development of good aquaculture practices, particularly for shrimps. (2005-2010)

i) Establishment of the ASEAN Network on Cultured Shrimp Inspection Authority (2005)

- ii) Assuring Quality and Safety in Shrimp Aquaculture Production and Trade

1.3 Harmonization of fisheries SPS measures among ASEAN Member Countries.(2005-2010)

1.3.1 Encourage and educate the fishery stakeholders to enable production of fishery products through a Code of Conduct measures issued by FAO to promote the development of “Made in ASEAN” products and services. (2006)

1.3.2 Comply with Good Aquaculture Practices (GAP) in order to produce a better quality of aquaculture products that can compete in the international markets as an ASEAN Product

1.3.3 Adopt the WTO Agreement on Sanitary and Phyto-Sanitary Measures and develop implementation guidelines appropriate for ASEAN (2008)

1.3.4 Comply with Hazards Analysis Critical Control Point standard unanimously among ASEAN countries that have been approved by WHO and FAO

1.3.5 Establish MRA for selected fisheries products. (on-going exercise)

1.4 Study to Strengthen the Competitiveness of ASEAN Fisheries Products in International Markets. (2005-2010)

1.4.1 Specification of problems and constraints facing production of fisheries products in view of competitiveness in international markets.

1.4.2 Formulation of appropriate measures to integrate efforts of ASEAN Member Countries in a common programme

STRATEGIC THRUST 3 : ENHANCEMENT OF ASEAN COOPERATION AND JOINT APPROACHES IN INTERNATIONAL AND REGIONAL ISSUES

Action Programme 1 :

Strengthening ASEAN’s cooperation and joint approaches in addressing issues and problems affecting trade in the region’s food and agricultural products/ commodities.

1.1 Pursuing common positions on international commodity issues.

Action Programme 2 :

Strengthening joint positions in addressing non-trade issues at international for a to protect the interest of ASEAN Member Countries.

2.1 Coordinating and strengthening joint positions on international and regional fora and organizations such as WTO, FAO, APEC, CODEX, and ASEAN Dialogue Partners.

STRATEGIC THRUST 5 : ENHANCEMENT OF PRIVATE SECTOR INVOLVEMENT

Action Programme 1 :

Continuous consultation with the private sector at all meetings of ASWGFi, particularly with regard to trade issue in international and regional fora

1.1 Inviting private sector to participate in meetings of ASWGFi, wherever relevant.

Action Programme 2 :

Promotion of private sector investment in ASEAN

2.1 Inviting private sector to participate in meetings of ASWGFi on business opportunities.

STRATEGIC THRUST 6 : MANAGEMENT, SUSTAINABLE UTILIZATION AND CONSERVATION OF NATURAL RESOURCES

Action Programme 1 :

Strengthen information network for the sharing of information, such as inventory of resources on fish/aquatic species and genetic diversity.

1.1 ASEAN-SEAFDEC collaboration on Improvement of Fisheries Statistic System and Mechanism.

1.2 ASEAN-SEAFDEC collaboration on Information Collection for Sustainable Pelegic Fisheries in South China Sea.

1.3 ASEAN-SEAFDEC collaboration on Digital Atlas.

1.4 ASEAN-SEAFDEC collaboration on establishment of Disease Surveillance System of Aquatic Animals.

Action **Programme** **2** **:**

Joint R&D efforts in the areas of conservation, management and the utilization of biodiversity for economic benefits.

2.1 ASEAN-SEAFDEC collaboration on Management of Fisheries and utilization of Shark in Southeast Asia.

Action **Programme** **3** **:**

Promotion of sustainable development through natural resources management.

3.1 ASEAN-SEAFDEC Collaboration on Conservation and Management of Sea Turtles in Southeast Asian Countries.

3.2 ASEAN-SEAFDEC Collaboration on Promotion of Mangrove-friendly Aquaculture in Southeast Asian.

3.3 ASEAN-SEAFDEC collaboration on Regionalization of the Code of Conduct for Responsible Fisheries.

3.4 ASEAN-SEAFDEC collaboration on Coastal Resource Management

Action **Programme** **4** **:**

Fish Trade and Environment

4.1 ASEAN SEAFDEC collaboration on study and monitoring of issues pertaining to fisheries subsidies that may affect sustainable development of fisheries.

B3. SUB-SECTOR : LIVESTOCK

STRATEGIC THRUST 2: ENHANCEMENT OF INTERNATIONAL COMPETITIVENESS OF ASEAN FOOD AND AGRICULTURAL PRODUCTS/ COMMODITIES

Action **Programme** **1** **:**

Enhancement of intra- and extra-ASEAN trade and long-term competitiveness of ASEAN's food and agricultural products/commodities.

1.1 Monitoring of the implementation of the CEPT Scheme for AFTA for livestock and livestock products.

1.1.1 Monitoring of number of tariff lines in CEPT Scheme lists (Inclusion List, Temporary Exclusion List, etc.) and trade values by the ASEAN Secretariat and reporting to WGL meetings. (2005-2010)

1.2 Intensification of cooperation in production and processing technology development and transfer and enhancement of development, harmonization and adoption of quality standards for products through:

1.2.1 Establishment of an accreditation scheme for livestock and livestock products that are widely traded between ASEAN Member Countries. (2005-2010)

(i) Develop and finalise criteria for accreditation of livestock establishments

1. Ducks for slaughter.
2. Dairy Cattle
3. Duck eggs
4. Horses for sporting event
5. Porcine semen and embryo
6. Bovine semen and embryo.
7. Sheep and goat for Breeding and Slaughter

(ii) Develop and finalize criteria for accreditation of livestock product establishment.

1. Poultry processing plants.
2. Meat processing plants.

3. Cattle slaughterhouse
4. Milk processing plant
5. Ice cream processing plant
6. Yoghurt processing plant
7. Canned (thermo-processed meat plant
8. Compounded animal feed plant
9. Egg processing plant

(iii) Workshop on Risk Analysis

(iv) Workshop on Hazard Analysis and Critical Control Point (HACCP).

1.2.2 Strengthening animal diseases control programme among ASEAN Member Countries. (2005-2010)

(i) Control and Eradication of economically important animal diseases: FMD; Avian-flu; Classical Swine Fever.

- Establishment of Foot and Mouth (FMD) Diseases Free Zones in ASEAN Member Countries.
- Establishment of Animal Health Trust Fund

(ii) ASEAN Mekong Basin Livestock Development Cooperation :

- Mekong Basin Animal Quarantine Network

(iii) Develop equivalent animal disease diagnostic technique amongst ASEAN Member Countries. (2005-2008)

1.2.3 Facilitation of the intra-ASEAN trade in animal vaccines. (2005-2010)

- (i) Accreditation of animal vaccine testing laboratories in ASEAN Member Countries.
- (ii) ASEAN Register of Animal Vaccines.
- (iii) ASEAN Standard Requirements for Animal Vaccines.

STRATEGIC THRUST 3: ENHANCEMENT OF ASEAN COOPERATION AND JOINT APPROACHES IN INTERNATIONAL AND REGIONAL ISSUES

Action Programme 1 :

Strengthening joint positions in addressing non-trade issues at international fora to protect the interest of ASEAN Member Countries.

1.1 Coordinating and strengthening joint positions on international and regional fora and organizations such as WTO, FAO, APEC, CODEX, and ASEAN Dialogue Partners.

1.1.1 Consideration of any technical issues relating to animal health and livestock food safety issues. (As and when necessary)

1.2 Pursuing common positions on international livestock issues.

STRATEGIC THRUST 4 : DEVELOPMENT, ACCELERATION OF TRANSFER AND ADOPTION OF NEW TECHNOLOGIES

Action Programme 1 :

Establishment of an information network for the sharing of information on animal health and production.

1.1 Establishment and Implementation of the Animal Health and Production Information System in ASEAN (AHPISA). (2005-2010)

1.1.1 Linking of national AHPISA database to the ASEANWEB.

1.1.2 Updating of AHPISA by Member Countries.

1.1.3 Directory of Resource Personnel in Livestock Matter in ASEAN.

STRATEGIC THRUST 5: ENHANCEMENT OF PRIVATE SECTOR INVOLVEMENT

Action Programme 1 :

Collaboration in the establishment of a networking system to promote investment and joint venture opportunities in ASEAN.

1.1 Identification and linkages of national information centres (or focal points) for investments including guidelines in livestock business. (2005-2010)

1.1.1 Publish finalized criteria for accreditation of livestock and livestock product establishments.

1.1.2 Develop and enhance AHPISA website to provide information for investment opportunity in livestock business.

Action Programme 2 :

2.1 Inviting private sector to participate in working group meetings, wherever relevant.(2005-2010)

2.1.1 Conduct a workshop for the private sector to disseminate information on the ASEAN criteria, protocols and procedures to assist the business decisions of the livestock industry in ASEAN.

B.4 SUB-SECTOR: AGRICULTURAL TRAINING AND EXTENSION

STRATEGIC THRUST 4 : DEVELOPMENT, ACCELERATION OF TRANSFER AND ADOPTION OF NEW TECHNOLOGIES

Action Programme 1 :

Strengthening programmes in agricultural and agro-forestry technology transfer, training and extension to increase productivity and improve post-production processes of food, agriculture and agro-forestry.

1.1 Upgrade facilities in ASEAN Member Countries for agricultural and agro-forestry technology transfer, training and extension.

1.1.1 Individual member Countries will carry out their own national activities. (2005-2010)

1.2 Development and implementation of collaborative training and extension programmes among ASEAN Member Countries

1.2.1. Malaysia: Training on the Extension Methodology with Special Focus on Business and Production Planning. (2005-2006)

- 1.2.2. Thailand: Training on Sustainable Agricultural Production through Agricultural Extension Approaches. (2005-2008)
- 1.2.3. Indonesia: Training Course on Dairy Husbandry Technology. (2005-2006)
- 1.2.4. ASEAN-ROK Technology Transfer Programme on Integrated Rural Development Planning. (2005)
- 1.3 Establishment and maintaining of an information network for ASEAN Member Countries in agricultural and agro-forestry technology transfer, training and extension programmes.
 - 1.3.1 Establishment and operationalisation of the ASEAN IPM Knowledge Network. (2005-2010)
- 1.4 Promotion of bilateral exchanges of experts responsible for technology transfer, training and extension aimed at developing specific skills, taking into account the multidisciplinary approach to research and transfer of technology to small farmers.
 - 1.4.1 Exchange of Experts/ Resource Persons for Training and Extension between ASEAN Countries
- 1.5 Development and Implementation of Collaborative Programme on Post-Production Processes and Value Adding. (2005-2010)
 - 1.5.1 Conduct of Seminars (Malaysia) (2006)
 - 1.5.2 Training for Extension Workers on Post-Production Processes and Value Adding;
 - 1.5.3 The Exchanges of Visits by Farmers, Food Processes (rural women and private sector), and Extension Workers.
- 1.6 Development of Information Extension Material (Print and Audio-Visual). (2005-2010)
 - 1.6.1 Training
 - 1.6.2 Workshops/ Hands-on Training

Action Programme 2 :

Empowering agricultural rural communities through enhanced human resource development

- 2.1 Development and implementation of training programmes and exchange of visits on both technical and enterprise /farm management aspects to improve the entrepreneurial capabilities of farmers, fishermen, cooperative leaders, rural women, rural youth and forestry workers.
 - 2.1.1 Young Farmers Training Programme in Japan, China, and ROK
 - 2.1.2 ASEAN-USDA Young Agriculturist Entrepreneurship Development Programme
 - 2.1.3 Programme on Quality Farmer Education for Poverty Alleviation and Market Competitiveness

- 2.1.4 Packaging Training on Soybean Extension Methodology for ASEAN Women Extension Workers
- 2.2 Promotion and exchange of information and expertise to strengthen institutional capacities of ASEAN Member Countries in rural women and youth, agricultural, agro-forestry, fisheries, cooperative development.
 - 2.2.1 Seminar on Developing Young Farmers Entrepreneurs towards Commercializing the Agricultural Sector.
 - 2.2.2 Seminar on Rural Women and Youth in Agriculture Development in ASEAN Member Countries
 - 2.2.3 Seminar on Rural Women and Youth in Agriculture Development in ASEAN Member Countries
- 2.3 Enhance the ASEAN Farmers' Week Programmes
 - 2.3.1 The 13th ASEAN Farmers' Week in Cambodia (2005)
 - 2.3.2 The 14th ASEAN Farmers' Week in Brunei Darussalam (2006)
 - 2.3.3 The 15th ASEAN Farmers' Week in Myanmar (2007)
 - 2.3.4 The 16th ASEAN Farmers' Week in the Philippines (2008)
 - 2.3.5 The 17th ASEAN Farmers' Week in Lao PDR (2009)

STRATEGIC THRUST 6: MANAGEMENT, SUSTAINABLE UTILIZATION AND CONSERVATION OF NATURAL RESOURCES

Action Programme 1 :

Promotion of sustainable agriculture (and agro-forestry) through the development and adoption of environment-friendly technology i.e. integrated pest management (IPM) and integrated crop management (ICM) practices.

- 1.1 Development and implementation of training programmes on IPM/ ICM for important commodities like rice, fruits, vegetables, corn and field crops.
 - 1.1.1. Regional Training on Integrated Pest Management (IPM) on Rice. (2005)
 - 1.1.2. Regional Training on Agro-forestry Practices (2005-2009)
 - 1.1.3. Regional IPM Training on Corn (2005)
 - 1.1.4. Regional IPM Training on Mango.(2009)
 - 1.1.5. Regional IPM Training on Tree Crops (2005-2009)

- 1.1.6. Regional Training on Bio-Pesticides (2005-2009)
 - 1.1.7. Regional IPM Training on Sugarcane (2005-2009)
 - 1.1.8. Regional IPM Training on Citrus Fruits (2005-2009)
 - 1.1.9. Regional IPM Training on Vegetables (2005-2009)
 - 1.1.10. Regional Training Course on Environment and Sustainable Agriculture and Rural Development (2005-2009)
 - 1.1.11. Regional Training Course on Organic Farming (2005-2009)
- 1.2 Conduct exchange visit of officials, trainers and farmers in the areas of sustainable agriculture and agro-forestry, IPM/ ICM technology application and utilization of agricultural waste.
- 1.2.1 Exchange visit of officials, trainers and farmers on Food Safety and Farm Accreditation (2007).
 - 1.2.2 Exchange visit of officials, trainers and farmers on IPM Community and IPM Farmers' Organization (2005-2009).
 - 1.2.3 Exchange visit of officials, trainers and farmers on IPM in Citrus (2007)
 - 1.2.4 Exchange visit of officials, trainers and farmers on ICT on agricultural technology transfer (2009)
- 1.3 Development of Training Modules
- 1.3.1 Development of Training Module on Fiber Crops with focus on Abaca (2005-2009)
 - 1.3.2 Development of Training Module on Star Fruit (2008)

Action Programme 2:

Enhancing Food Safety and Farm Accreditation.

- 1.2 Development and Implementation of Collaborative Programme on Good Agricultural Practices (GAP)
 - 2.1.1 Workshop to Finalize Project Proposal (2005)
 - 2.1.2 Implementation of Programme in ASEAN Member Countries. (2005-2009)

B5. SUB-SECTOR : AGRICULTURAL COOPERATIVES

STRATEGIC THRUST 1 : STRENGTHENING OF FOOD SECURITY ARRANGEMENTS IN THE REGION

Action Programme 1:

Strengthening the Food Marketing System of Agricultural Cooperatives for Enhancing Food Security in ASEAN.

1.1 Development of framework for undertaking case studies of food marketing system of selected agricultural cooperatives in ASEAN Member Countries. (2005-2010_)

- 1.1.1 Preparation and submission of country case study to the ACEDAC Secretariat.
- 1.1.2 Compilation and analysis of the country case studies by ACEDAC Secretariat.
- 1.1.3 Submission and presentation of the analysis in the ACEDAC Board Meeting.
- 1.1.4 Conducting Workshop on Food Marketing System of Selected Agricultural Cooperatives.
- 1.1.5 Presentation of Workshop's recommendations to the ACEDAC Board Meeting for approval.

STRATEGIC THRUST 4 : DEVELOPMENT AND ACCELERATION OF TRANSFER AND ADOPTION OF NEW TECHNOLOGIES

Action Programme 1:

Empowerment of the role of women in cooperatives in the ASEAN region.

1.1 ASEAN Women Development (2005-2010)

- 1.1.1 Exchange of information on the enhancement of the role of women in cooperatives.
- 1.1.2 Vocational and on the job-training.
- 1.1.3 Seminar and Study visit
- 1.1.4 Technology transfer programme

STRATEGIC THRUST 5 : ENHANCEMENT OF PRIVATE SECTOR INVOLVEMENT

Action Programme 1:

Establishment of strategic alliances among the private sector.

1.1 Establishment of strategic alliances among agricultural cooperatives in ASEAN

Ø Identification of enterprises for strategic alliances.

1.1.1 Establishment of ASEAN Agricultural Cooperative Marketing Information System (2005-2010)

a. Establishing Marketing Information System in each Country, either Government or Apex organizations.

b. Data and Information Exchange

1.1.2 Agriculture Production and Marketing (2005-2010)

a. Crops

a.1 Agricultural Production and Marketing

b. Livestock

b.1 Beef farming

b.2 Dairy Farming

c. Fisheries

c.1 Seaweeds Production and Carrageenan

c.2 Sustainable Development of Red Coral Grouper Hatchery and Farming

c.3 Fishing Materials

d. Processed Products

d.1 Coconut by product Industry

1.1.3 Bio-organic fertilizer production

1.1.4 Agro-ecotourism

1.1.5 Cooperative Productivity Enhancement Programme

Action Programme 2:

Establishment of ASEAN Cooperatives Business Forum

2.1 Match-making of agricultural cooperatives and investments for identified enterprises.(2005-2010)

2.1.1 Farm Mechanization (Malaysia)

2.1.2 Animal feeds – maize (Malaysia)

C. SECTOR: FORESTRY

STRATEGIC THRUST 1: ENSURING SUSTAINABLE FOREST MANAGEMENT (SFM) AND CONSERVATION OF NATURAL RESOURCES

Action Programme 1:

Development and adoption of a common timber certification scheme for the ASEAN region.

1.1 Ad-hoc Working Group on Pan ASEAN Timber Certification. (2005-2010)

1.1.1 Identifying core set of Criteria and Indicators as framework for ASEAN forest management standard;

1.1.2 Discussing minimum set of requirements from key markets such as European Community (EC) and Japan;

1.1.3 Adopting ASEAN forest management standard by ASOF and AMAF;

1.1.4 Developing detailed country-specific Activities and Standards of Performance (Verifiers) by individual ASEAN countries;

1.1.5 Discussing ASEAN standard for chain-of-custody certification;

1.1.6 Discussing approach in establishing Pan ASEAN timber certification scheme.

Action Programme 2:

Implementation of IPF/IFF Proposals for Action.

- 2.1 Establishing of Ad-hoc Experts WG on Implementing International Forest Policy Processes. (2005-2010)
 - 2.1.1 Preparation of rules of procedure and a work plan focusing capacity building and information exchange;
 - 2.1.2 To formulate common position for ASEAN towards implementing international forest policy processes
- 2.2 Promotion of National Forestry Programme (NFP) development. (2005-2010)
 - 2.2.1 Development and refinement of NFP within each member country

Action **Programme** **3:**

ASEAN Forestry Information Database.

- 3.1 Developing and operationalizing ASEAN forestry database (2005-2010)
 - 3.1.1 Development of ASEAN forestry website, which includes forest resources, policies and programmes on forest management, utilization and trade in forest products and forestry development;
 - 3.1.2 Development of ASEAN forestry clearing house;
 - 3.1.3 Exchange of information and experts on the application of GIS in ASEAN Member Countries.

Action Programme 4:

Protected Areas in ASEAN

- 4.1 Establishment of a network of Protected Areas in ASEAN (2005-2010)
 - 4.1.1 Further enhance the development of activities related to PA under the ASEAN Regional Center for Biodiversity Conservation (ARCBC)
 - 4.1.2 Promote the establishment of transboundary protected areas between neighboring ASEAN countries;
 - 4.1.3 Enhance capacity building among protected areas in the ASEAN region through regional training and networking
- 4.2 Development of comprehensive information databases in protected areas. (2005-2010)
 - 4.2.1 Further enhance the database on protected areas in ASEAN developed by ARCBC.

4.3 Development of Regional Biodiversity Action Plan for forestry. (2005-2010)

4.3.1 Member countries to develop biodiversity action plan for forestry component.

Action Programme 5:

Prevention of Forest Fire in ASEAN.

5.1 Exchange of information and establishment of network on forest fire prevention systems and technologies used by ASEAN Member Countries.

5.1.1 To get support and assistance from donor country and to help build up the capacity and resources to fight against forest fire.

5.1.2 Organize trainings programmes on forest fire prevention system in the ASEAN region.

5.1.3 Develop and update databases on forest fire prevention system.

5.2 Develop capacity building and resources in the fight against forest fire.

5.2.1 Field workshop / trainings programmes on forest fire prevention system in selected forest types.

5.3 Establishment of closer coordination with ASOEN.

5.3.1 Organize regional workshops and seminars to strengthen cooperation.

Action Programme 6:

Promotion of practices on reduced impact logging and modeling on growth and yield.

6.1 Development of technical guidelines on reduced impact logging. (2005-2010)

6.1.1 Publication of Guidelines on reduced impact logging.

6.1.2 Implement guidelines in various selected forest types in the region.

6.2 Development of technical guidelines for construction of growth and yield modeling. (2005-2010)

6.2.1 Organize regional workshops and seminars to develop guidelines for growth and yield modeling.

6.2.2 Develop a network of selected growth and yield plots/ studies at regional level.

6.2.3 Field workshop/ training in selected forest types.

Action Programme 7:

Promotion of natural production forest management

7.1 Exchange of information on sustainable management practices of specific forest types. (2005-2010)

7.1.1 Organize regional study tour, workshop and seminar on status of forest management practices in the ASEAN region.

Action Programme 8:

Promotion of forest plantation development.

8.1 Developing guidelines for forest plantation development and investment. (2005-2010)

8.1.1 Organize regional study tour, workshop and seminar on various aspects of forest plantation development and investment.

8.2 Exchange and compile information on current knowledge on forest plantation.

Action Programme 9:

Promotion of social forestry development in ASEAN region.

9.1 Exchange of information and experts on best practices on social forestry development. (2005-2010)

9.1.1 Organize study tours, workshop and seminars on social forestry.

C1. SUB-SECTOR : INTERNATIONAL AND REGIONAL FORESTRY ISSUES

STRATEGIC THRUST 2 : STRENGTHENING ASEAN'S COOPERATION AND JOINT APPROACHES IN ADDRESSING INTERNATIONAL AND REGIONAL FORESTRY ISSUES

Action Programme 1:

Identification of problems and issues affecting the interests of the forestry sector in the region.

1.1 Exchange of information on forestry and related issues and problem affecting the interest of ASEAN Member Countries.

1.1.1 Exchange of notes among Member Countries on issues being addressed in related forum (prior to its meeting) such as: (as and when necessary)

APEC	CBD
CITES	FAO
ITTO	UNCSD
UNFF	WSSD
WTO	Dialogue Partners
Major Trading Partners	UNFCCC

Ramsar Convention on Wetland

1.1.2 Exchange of notes on specific/ general issues such as certification, discriminatory trade practices, smear campaign, finance, transfer of technology, etc.

Action Programme 2:

Formulation of joint approaches and positions to address international and regional forestry and related issues affecting the interest of ASEAN Member Countries.

2.1 Consultation among ASEAN Member Countries to deliberate issues and problems requiring joint ASEAN approaches and position. (2005-2010)

2.1.1 Organise meeting of experts group to deliberate on issues agreed to be addressed jointly.

2.1.2 Establish joint approach on issues related to ASEAN interest

2.1.3 Determining lead country to represent the region or advance the issue at the appropriate forum.

2.2 Enhancing and strengthening regional interest on pertinent issues related to international forestry.

2.3 Encourage the participation of the ASEAN Member Countries and the ASEAN Secretariat in international fora.

Action Programme 3:

Promoting cooperation in the ASEAN region to reduce the trade in illegal wood products.

3.1 Establishing a regional process/ mechanism involving donor agencies, business partners, relevant experts and ASEAN Dialogues Partners.

3.1.1 Sharing of information to build a common understanding with all stakeholders.

3.1.2 Identifying priority strategies that could help reduce the trade in illegal wood products.

3.1.3 Preparing a workplan and seeking funds to implement relevant activities.

Action Programme 4:

Promoting regional cooperation in addressing CITES issues

4.1 Forging ASEAN regional cooperation on the implementation of CITES. (2005-2010)

4.2 Developing an ASEAN statement on an Action Plan to develop and implement regional solutions to CITES issues. (2005-2010)

4.3 Developing an ASEAN action plan on CITES. (2005) The focus would be:

- To assist Member Countries to improve their legislation for CITES implementation
- To promote networking amongst the enforcement authorities in ASEAN countries to curb illegal wildlife trade
- To promote research, monitoring and information exchange on CITES related issues
- To encourage industry groups to cooperate and support research and other activities for sustainable use and management of wild fauna and flora in the South East Asian region

C2. SUB-SECTOR: TRADE PROMOTION OF FOREST PRODUCTS AND PRIVATE SECTOR PARTICIPATION

STRATEGIC THRUST3 : PROMOTION OF INTRA AND EXTRA-ASEAN TRADE IN FOREST PRODUCTS AND PRIVATE SECTOR PARTICIPATION

Action Programme 1:

Strengthening cooperation in trade promotion and negotiations on forest products.

1.1 Expansion and development of functions of AFPIC as a forum for cooperation among the private sector in ASEAN. (2005-2010)

1.1.1 Participation of ASEAN Member Countries in related regional and international exhibitions and trade fairs.

1.2 Coordination of joint strategies in seeking better market access for ASEAN's forest products, including the removal of all-unilateral bans and boycotts which are inconsistent with the rules of open international trade. (2005-2010)

1.2.1 Organize workshops and seminars on joint strategies for better market access.

1.3 Enhancement of ASEAN's competitive posture and to sustain the expansion of ASEAN exports of forest products. (2005-2010)

1.3.1 Business match-making and consultation between suppliers and consumers of forest products.

Action Programme 2:

Improvement and Promotion of quality and diversification of forest products range.

2.1 Exchange of information on technologies related to forest products diversification. (2005-2010)

2.1.1 Development of format for exchange of information.

2.1.2 Submission of information

2.1.3 Up-dating information

2.2 Encourage products differentiation. (2005-2010)

2.2.1 Products differentiation through branding and design.

2.2.2 Organizing workshop on the harmonization of ASEAN forest products standard and specification.

2.3 Harmonization of ASEAN forest products standards and specification. (2005-2010)

2.3.1 Training to increase skill and management.

2.3.2 Organize workshops and seminars on harmonization of ASEAN forest products standards and specification.

2.4 Organize marketing and promotional activities. (2005-2010)

- 2.4.1 Organize technical missions to targeted markets

Action Programme 3:

Joint efforts to encourage greater participation of the private sector in the development of wood-based industries .

- 3.1 Encouraging joint ventures in terms of capital investment, technology transfer and access to market opportunities.

- 3.1.1 Identification by all Member Countries on investment opportunities, technology transfer and issues on market access for consideration of the ASEAN dialogue partners meetings.

- 3.2 Compilation and dissemination of information regarding investment opportunities in ASEAN Member Countries, particularly in timber and other forest products.

- 3.2.1 Producing ASEAN investment directory and other promotion materials.

Action Programme 4:

Enhancement of private sector participation in ASEAN policy formulation process and in programme implementation related to forestry.

- 4.1 Participation of private sectors in meeting of ASEAN bodies on forestry and forest products.

- 4.1.1 Identification and involvement of private sectors to attend future ASEAN meetings including NFPACFPPS, Joint Committee, and ASOF for purpose of exchange of information.

- 4.1.2 Dialogues between government agencies and private sectors .

Action Programme 5:

Market promotion of products from sustainably managed forest.

- 5.1 Seeking better market access for forest products from sustainably managed forest. (2005-2010)

- 5.1.1 Organize workshops to explore ways to market products from sustainably managed areas including the use of e-commerce.

- 5.1.2 Organizing trade mission to market products from sustainably managed forest.

- 5.1.3 Establish and promote membership of the e-commerce.

- 5.2 Promoting trade in and negotiations on forest products in relevant international fora; (2005-2010)
 - 5.2.1 Organize dialogues and establish joint positions on international issues.
- 5.3 Chain-of custody certification of forest products. (2005-2010)
 - 5.3.1 Encourage the implementation of Chain-of-Custody certification for ASEAN forest products.

C3.SUB-SECTOR: PRODUCTIVITY EFFICIENCY AND SUSTAINABLE UTILIZATION OF FOREST PRODUCTS

STRATEGIC THRUST 4 : INCREASING PRODUCTIVITY EFFICIENCY AND SUSTAINABLE UTILIZATION OF FOREST PRODUCTS

Action Programme 1:

R&D in Forest Products in ASEAN.

- 1.1 Coordination and implementation of R&D activities on forest products.
 - 1.1.1 Possible use of cashew nut shell liquid as wood preservatives
 - 1.1.2 Utilization of lesser used species of rattan
- 1.2 Collection and collation of technical information on forest products
 - 1.2.1 Reduction and utilization of wood residues
 - 1.2.2 Utilization of plantation of grown species
 - 1.2.3 Utilization of bamboo resources in ASEAN Countries
 - 1.2.4 Properties and utilization of lesser used wood species
- 1.3 Development of Training programme including programme for exchange of scientists.
 - 1.3.1 Up-grading of skill in physical and mechanical testing of timber
 - 1.3.2 Case study tour on utilization of bamboo in China

- 1.4 Exchange and sharing of information.
 - 1.4.1 Workshop on Wood Drying Technology and Wood Treatment Technique
 - 1.4.2 Workshop on Wood Waste Utilization
- 1.5 Harmonization R&D laboratory testing procedures.
 - 1.5.1 Physical and mechanical testing of timbers
 - 1.5.2 Wood machining
 - 1.5.3 Durability test
 - 1.5.4 Wood finishing test
 - 1.5.5 Wood lamination test
 - 1.5.6 Evaluation of CCA wood preservatives
 - 1.5.7 Evaluation of Boron wood preservatives

Action Programme 2:

Development of herbal and medicinal plants in ASEAN

- 2.1 Establishment of database on ASEAN Herbal and Medicinal Plants.
 - 2.1.1 Submission of species of medicinal plants. Profile of selected family.
 - 2.1.2 Compilation and consolidation of the submitted information
 - 2.1.3 Publication of the Database of the ASEAN Herbal and Medicinal Plants
- 2.2 Coordination of R&D activities and sharing of scientific information.
 - 2.2.1 Documentation of Research & Development (R&D) information/ directory (project brief & institution).
 - 2.2.2 Compilation and consolidation of the submitted information
 - 2.2.3 Publication of the ASEAN R&D Activities on Herbal and Medicinal Plants).
 - 2.2.4 Conduct of a Workshop on ASEAN R&D Activities on Herbal and Medicinal Plants.
- 2.3 Development of training programmes in appropriate areas.

- 2.3.1 Scientists exchange programme.
- 2.4 Organization of workshops.
 - 2.4.1 Workshop on Registration and Licensing of Traditional Medicine.
 - 2.4.2 Workshop on Extraction of Essential Oil and Marketing of Medicinal Plants
- 2.5 Technology Transfer in Herbal and Medicinal Plants.
 - 2.5.1 Implementation of Project on Biological, Chemical Investigation and Standardization of Selected ASEAN Medicinal Plants
- 2.6 Provide Technical Inputs for Trade Promotion in Herbal and Medicinal Plants.
 - 2.6.1 Collaboration on quality control of raw materials, such as:
 - Guideline on Quality Control (e.g. Good Agriculture Practices (GAP), Good Collection Practices (GCP),
 - Good Agriculture and Collection Practices (GACP) as standard of WHO, etc.).
 - 2.6.2 Establishment of Directory of products and company (Herbal Hub) .