

FISHERIES SERVICES

THAILAND

Value Chain Element	Service Provided by Department of Fisheries	Privately Provided services
Services provided to all value chain elements	<p><u>Research</u> Department of Fisheries (DOF) has been actively conducting researches on all aspects of fisheries, aquaculture and their products.</p> <p><u>Legislation</u> DOF is authorized to control quality and safety of fish and fisheries products.</p> <p><u>Management</u> DOF has been authorized to be Thailand Competent Authority for aquaculture, fishery, and their products exported to EU market.</p>	Various Associations provide services to their members.
Harvesting	<p><u>Management</u></p> <ul style="list-style-type: none"> - Implement monitoring, control and surveillance on fisheries management and conservation measures - Engaging and participating fisheries communities for the formulation of fisheries management. - Resource and habitat rehabilitation such as artificial reef installation. - Resource enhancement through fry seed releasing program - Promote fishing capacity reduction and mobilizing fishers to new alternatives or careers. - Enforcement of IUU fishing practice. - Licensing of fishing vessels. - Issue statistical document for tunas caught by the Thai fishing vessels in the high seas. <p><u>Legislation</u></p> <ul style="list-style-type: none"> - Fisheries Act B.E.2490 (1947) entrusts DOF to interact with the fishing industry and to be responsible for the development of this sector including introduction of new technologies, extension, research, regulation and inspection. 	<p><u>Management</u></p> <ul style="list-style-type: none"> - Fishers Volunteer Network for monitoring, controlling, and informing of illegal fisheries and illegal practices

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Aquaculture	<p>Department of Fisheries provides these services with difference purposes</p> <ul style="list-style-type: none"> • Environmental monitoring in accordance with environment law and management purpose • Farm registration enforced by Ministerial notification • Farm certification and inspection by DOF notification /voluntary practice • Issue Movement Document by DOF notification • Issue aquatic health certificate • DOF has been authorized to... <ul style="list-style-type: none"> ○ provides analysis, suggestion, and advice for water quality analysis ○ control / monitoring process (HPLC and LC-MS/MS) for antibiotic residue analysis for GAP and Safety level standard. <p><u>Research</u></p> <ul style="list-style-type: none"> - Research and development on inland and coastal aquaculture technologies with emphasis on highly applied technologies to increase the efficiency and quality of the inland and coastal aquatic animal production for local consumption and export - Research on fish propagation and production of improved strain and endangered species for aquaculture development - Research and promotion on environmental friendly inland and coastal aquaculture farming system and provide technical assistance to fish farmers <p><u>Farm management</u></p> <ul style="list-style-type: none"> - DOF staffs and fish/shrimp farmer associations and Universities have been actively involved in the technology transfer of farm managements to fish and shrimp farmers. 	<ul style="list-style-type: none"> ○ Movement Document by farmer groups authorized by DOF ○ There are a few private companies who provide aquaculture knowledge to fish or shrimp farmers. The Companies usually organize meetings or seminars in the farm communities and invite aquaculturists or fishery biologists to talk on specific topics. ○ There are 3 Central Laboratories (CLs) operating under company system. The CLs provide chemicals, residuals and microbiological contaminants analysis for fish and fishery products. <p><u>Research</u></p> <p>Private companies play important roles especially researches on their products (feeds, additives, chemicals, genetic improvement species, bio-security farms/hatcheries, post harvest technology, etc.)</p>	

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Aquaculture (Cont.)	<ul style="list-style-type: none"> - The Good Aquaculture Practice (GAP) and Code of Conduct (CoC) are necessary farm standards qualified for exportation. - DOF Ornamental Fish Section published a regulation handbook entitled “Standard Aquaculture Management Practice of Ornamental Fish Farm for Exporting” and distributed this copy to fish farmers around the country. This handbook contains the information about farm management, regulations and fish quality. <p><u>Environmental Impact Assessment (EIA)</u> The EIA is an impact assessment of human activities against the environments. The DOF has implemented the Code of Conduct for Responsible Fisheries of the FAO using its GAP and CoC standards to regulate and control waste water from farms</p> <p><u>Site location</u></p> <ul style="list-style-type: none"> - Public lands or areas are prohibited for private usage unless they are used in commensuration with conditions stipulated in the Ministerial Notification. - The marine shrimp aquaculture is not allowed in freshwater areas. - Two marine water irrigation projects for shrimp farming have been conducted in the East and South of Thailand for the purposes of environmental safety and sustainable shrimp culture. 	

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Aquaculture (Cont.)	<p><u>License</u> DOF issues the following certificates: For feed production;</p> <ol style="list-style-type: none"> 1. Issue of Aquatic Feed Manufacturing License 2. Issue of Aquatic Feed Importing License 3. Issue of Aquatic Feed Selling License 4. Issue of Certificate of Aquatic Feed Registration 5. Issue of Aquatic Feed Importing Document (for each lot imported) 6. Issue of Certificate for Aquatic Feed Exported <p>For Hazardous Substance;</p> <ol style="list-style-type: none"> 7. According to Hazardous Substance Act B.E. 2535, chemical and biological substances used for aquaculture are under jurisdiction of the DOF. Importers, producers, distributors and possessors have to pay fee for registration, production, possession, import and export licenses <p><u>Aquatic animal Quarantine and Disease Testing for Importation.</u> DOF provide special service for importation of the aquatic animals that have a high risk of trans-boundary diseases.</p>	

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Processing & Traders		<p><u>Inspection and Certificate Issuance</u></p> <p>a. DOF provides inspection and certification services to the fishery industry, issues GMP certificate and HACCP certificate. The services are limited to fish and fishery products for export. These include processing plant inspection, laboratory analyses of fish and fishery products and issuing of health certificates to accompany shipments for export. Processors must comply with the standards and requirements designated by the Department. Plants must be registered and approved by DOF in correspondence to internationally recognized standards such as Codex and FAO's recommendations as well as the requirement of the importing countries.</p> <p>b. The Ministry of Agriculture and Cooperatives (MOAC) has been designated by the Cabinet Resolution of March 4, 2003 to be the competent authority for all exported agriculture commodities. DOF which is under the MOAC is the agency responsible for controlling the quality and safety of fish and fishery products for export. The responsibilities also include controlling of imported raw materials such as shrimp and tuna for further process and re-export.</p> <p>c. DOF is also authorized under the Food Act B.E.2522 (1979) of the Ministry of Public Health to be the officers to enter food processing establishments to inspect and take samples for laboratory analyses.</p> <p>d. DOF has the policy to accept analytical results from ISO17025 accredited private laboratories. DOF encourages the fish industry to use the services from ISO17025 accredited providers.</p>	

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Processing & Traders (Cont.)		<p><u>Legislation/ Regulatory Obligation</u></p> <ul style="list-style-type: none"> - Export and Import Act B.E.2522 (1979) authorizes the DOF to inspect, control and certify fish and fishery products exported to other countries under conditions specified in the Ministerial Notification of the Ministry of Commerce. - According to Wildlife Reservation and Protection Act B.E.2535 (1992), the import and export of some particular animals are allowed only to those listed in this Act. Permission from the designated authority is legally required prior to execute import or export. - DOF controls import and export of aquatic animal under CITES and also issues CITES Certificate. Domestic and foreign products have equal treatment. - DOF issues import certificate for yellowfin Tuna and their products according to Ministry of Commercial Notification - DOF issues Re-Export Certificate for Tunas according to IOTC (Indian Ocean Tuna Commission) and ICCAT (International Convention for Conservation of Atlantic Tuna) resolutions. - The Fisheries Act B.E.2490 provides authority for the competent official to lay down conditions for registration of establishments who are involved in trading of fish and fishery products and the fishery industry - Food Act B.E. 2522 (1979) of the Ministry of Public Health empowers competent officers to enter food production, storage, place of sale area, or office of the producer, storekeeper, distributor, including the importer office or inspection in connection with enforcement of this Act during normal working hours. 	

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Processing & Traders (Cont.)		<ul style="list-style-type: none"> - The Fisheries Act B.E.2490 and the Animal Epidemics Act B.E. 2499 (1956) provides authority to the DOF to control aquatic animal diseases concerning both in-site territory and imported-exported aquatic animals. The Act also covers quarantine requirements and destruction of infected aquatic animals of the diseases listed under the national official measures. - Issue health certification for export according to customer's requirement, CODEX, OIE. Such action allows it to conduct import/export control, to issue health certification or sanitary certification for aquatic animals and their products and to implement the Aquatic Animal Health Code of the OIE. - DOF issues aquatic animal health certificate for exportation of live aquatic animals designated for culture or aquarium purposes. 	
Distribution		DOF published the guideline about sanitary practice in landing site, fishing boat and the good practice for handling.	
Retailers & Consumers		<p>DOF takes care of the quality of fishery products from farm to table. The government established guidelines for voluntary eco-labeling standards. Other Ministries take care of other issues such as;</p> <ul style="list-style-type: none"> • Rules on packaging and waste • Workplace standards • Industry statistics • Competition regulations • Consumer information • Defense of consumer interests 	