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Hue, October 31, 2007

DECISION
**Approval for Project on fingerling development of Thua Thien Hue for the
period of 2006-2010**

THE PROVINCIAL PEOPLE'S COMMITTEE

Pursuant to the Organization Law of the People's Council and People's Committee dated November 26, 2003;

Pursuant to the Decision no 224/1999/QD-TTg of the Prime Minister dated December 8, 1999 approving for program on aquaculture development for the period 1999-2010;

Pursuant to the Decision no 112/2004/QD-TTg of the Prime Minister dated June 23, 2004 approving for program on bloodstock development to the year 2010;

Pursuant to the Decision no 103/2000/TT-BTS of the Ministry of Fisheries dated November 3, 2000 guiding implementation of some articles under the decision no 103/2000/QD-TTg of the Prime Minister dated August 25, 2000 regarding incentive policies for brood stock development.

Pursuant to the Circular no 02/2005/TT-BTS of the Ministry of Fisheries dated September 26, 2005 guiding implementation of some items in the decision no 112/2004/QD-TTg of the Prime Minister dated June 24, 2004 regarding approval for program on fingerling development to the year 2010;

At the proposal of the Director of Department of Fisheries at his letter no 413/TTr-STD dated October 5, 2007

HEREBY DECIDES:

Article 1. to approve the project of aquaculture development of Thua Thien Hue for the period 2006-2010 with the following key contents:

1. Objective

a) Overall objective

Establish and build capacity for hatcheries in the province, diversify high value commercial fingerlings, gradually complete and modernize nursing techniques of salt, brackish and fresh water fingerlings with the aim at proactively providing high quality fingerlings sufficiently, contributing to completion of aquaculture development tasks with high results in a sustainable manner.

b) Specific objective

- 70% salt and brackish fingerlings will be nursed and supplied, 100% fresh water fingerling will be supplied in the whole province in the year 2010.

- 10% fingerling nursed in the province and 70% fingerlings imported from other provinces are checked and monitored with PCR. Fishes and other species are checked with histology and photoreceptive methodologies.
- Identify species for stable popular culture in various culture zones including salt, brackish and fresh water aquaculture.
- Complete nursing techniques of some natural fingerlings such as orange-spotted rabbit fish, grouper, white spotted rabbit fish, spotted scat, red snapper to alternate species for low tide and net enclosure culture.
- Apply nursing techniques of free-disease giant tiger prawn in enclosed procedures.
- It is struggled that each hatchery has one technician with university or correspondent level, each hatchery should have 1 or 2 master in fisheries.

2. Development orientation

a) Identification of target species and fingerling structure

+ Salt and brackish water fingerling:

- Giant tiger prawn (main species), white leg shrimp, greasy bock shrimp, sea crab, green crab
- Orange spotted rabbit fish, unsexed Nile tilapia, spotted scat, grouper, red snapper, giant sea-perch, cobia...
- Spotted Babylon, green mussel, oyster, pearl

+ Fresh water fingerling:

- Unsexed Nile tilapia is the main species, others such as flowered snake head, hybrid catfish, ...bronze featherback, conger, eel and other specialties such as frog and tortoise
- Other traditional fresh water fingerlings such as: carp, common carp, silver carp, mud carp
- Some ornamental fishes

b) Identification of fingerling nursing technology

- Complete the existing fingerling nursing: greasybock shrimp, giant tiger prawn, spotted Babylon, orange spotted rabbit fish, and fresh water fishes: carp, common carp, frog, mud carp...
- Give priority in receiving processes of fingerling nursing techniques: sea crab, unsexed Nile tilapia and white leg shrimp.
- Import parental fishes: white leg, yellow cheek, US snapper...

c) Infrastructure investment

Two salt and brackish hatcheries are constructed and completed; economic sectors are encouraged and supported to upgrade their hatcheries in the orientation of industrialization and provide sufficiently good quality fingerlings

3. Main options

a) Technical and fisheries extension options

- Complete fingerling nursing processes such as giant tiger prawn, greasybock shrimp, spotted Babylon, orange-spotted rabbit fish...

- Utilize support from fisheries programmes, projects, local and national organization to apply scientific thesis on new high quality fingerling nursing techniques to into practice, provide training for technicians, transfer technology in artificial seed production of white leg shrimp, crab, unsexed Nile tilapia, and develop high quality parental fishes.
- Complete and disseminate nursing processes and natural fingerlings fishing.
- Develop plan for protection of nursery and spawning ground in the lagoon
- Recreate of aquatic resources to supplement parental fishes.
- Work closely with local people to understand their need, expectations, capacity of farmer and relevant authorized agencies to elaborate plan on training, workshop to disseminate technology and set up demonstration pilots so as to develop fisheries sustainably.

b) Options on quality management of fingerlings

- Review and rearrange of hatcheries,
- Provide training on legal documents related to operations and quality management of fingerlings.
- Increase monitoring of environment, feed using, and antibiotic using in the hatcheries, the fingerlings should be checked with PCR before selling or stocking.

c) Options on investment policies, exemption of land leasing and water surface fee.

- Provide preferential policies and exempt for land use and water surface fee and rental of some centralized fingerling nursing zones
- Make investment to complete the Fishery hatchery at level I, upgrade the hatchery in A Luoi, Quang Tho.
- Provide support with upgrading and application of the new and modern techniques to provide disease-free and high quality hatcheries.

d) Options on budget

- State budget is invested into infrastructure for some hatcheries, upgrading some district entities to meet the need in industrialization and modernization.
- Integrate into Finland Rural Development Programme, FSPS II and IMOLA Project for the purpose of training and improvement of professional knowledge on high quality fingerling nursing techniques.
- Other economic sectors are mobilized for funding to make more investment to modernize the hatcheries.
- Provide preferential policies such as free-interest loan to set up small scale nursery to provide services for distant and remote areas.

d) Options on organization and human resources allocation

- - Assignment of managers and technicians to hatcheries
- - Send technicians in the center to the Universities or colleges

e) Options on information and market

- Set up information channel in TV to understand needs, quality, and quantity of fingerlings
- Develop and promote the trademark of provincial bloodstocks such as spotted Babylon, greasybock shrimp...

4. Investment funding

Total funding for the project: 16.953 million vnd
 In which: + State budget: 15.553 million vnd
 + Sources from people and enterprises 1.400 million vnd

Divided by:

a) Funding allocated and under disbursement: 13.503 million vnd

In which: + State budget: 12.103 million vnd
 + Funding from people: 1.400 million vnd

b) Investment funding for the period 2007-2010: 3.450 million vnd

In which: + Provincial budget: 2.450 million vnd
 + National and projects budget: 1.000 million vnd

5. Implementation arrangements

a) Department of Fisheries help the Provincial People's Committee in steering and arrangement for implementation of the project on fingerling development

- Establishment of Steering Committee of the project
- In collaboration with district and commune people's committee to steer and guide development of fingerling plan for the period 2007-2010, options for production, business and management of fingerling the province.
- Steer hatcheries, fisheries extension center, fisheries association and local hatcheries in the province in studying, receiving and transferring as well as application of new and free diseases fingerling production techniques.
- Conduct annual review and evaluation to make timely proposal for revision of policies that are improper to the local context; provide regular reports to the provincial people's committee.

b) Relevant department and agencies

The relevant department and agencies will collaborate, provide support and facilitate the Department of Fisheries to effectively implement the project.

c) People's Committee of districts and communes

Work closely with Department of Fisheries and relevant departments and agencies in steering implementation of the project in the locality.

d) Fisheries Association, and relevant associations, and organizations and individual participating in fingerling nursing and trading.

Actively participate and disseminate to transfer models and new technique of fingerling nursing; raise awareness of people in abiding by state regulations on nursing and trading of fingerlings.

Article 2. This decision takes effect on the date of signature

Article 3. Chief Office Manager of the PPC, Directors of Department of Fisheries, Department of Planning and Investment, Department of Finance, Department of Science and Technology, Department of Natural Resources and Environment, and relevant department, Chairmen of People's Committee of Hue city and districts and heads of relevant agencies are responsible for implementing this decision./.

Recipients:

- As article 3
- Chairman and Vice chairmen of the PPC
- Archive

**ON BEHALF OF THE PPC
FOR CHAIRMAN
VICE CHAIRMAN
(Signed)
Nguyen Ngoc Thien**