

## Future Plan of Action

The participating countries will continue to conduct the various activities approved during the First Round Table Discussion as follows:

### • *Indonesia*

- selection program to improve strain of GI Macro
- sex reversal studies
- genetic mapping

### • *Thailand*

- studies on three cross lines, growth test in four environments
- growth improvement and test genetic variation
- appropriate selection procedure
- molecular activity (allozyme and DNA work)
- breeding program

### • *Philippines*

- identification of stocks in collaboration with AQD and other institutions
- techno-demo with local farmers
- collection of samples (whole Philippines) and maintenance of specimens
- establishment of hatcheries (in 2005)
- characterization of stocks and species (allozyme molecular marker)

## Recommendations

After series of deliberations and discussions, the participants in the Second Round Table discussion, adopted the following recommendations:

1. Use of the funds allocated for the collaborative research in 2004, shall be used for immediate activities from September 2004-March 2005. Specifically, the following activities will be conducted in the participating countries:
  - 1.1 Thailand: studies on allozyme and performance in genetic x environment testing
  - 1.2 Philippines: collection, identification and validation samples; preliminary performance evaluation of stocks
  - 1.3 Indonesia: multiple collection testing (3 locations) of GI Macro, identify genotype x environment interaction
2. Establish e-group among participating researchers with AQD as host, to be known as the **MBR** Discussion Group
3. Develop a logo for the Macrobrachium Group
4. Work on other activities as enumerated in future plan of action within budgetary limits
5. Prepare proposal to spin off the activity into an independent project with its own funding outside the IRAP budget. AQD should prepare the draft proposal based on responsibilities of participating countries, for comments by the countries. The deadline of the final proposal is October 2004.
6. Convene the Third Round Table Discussion on the Development of Genetically Improved Strain of Macrobrachium in Thailand in December 2005 or January 2006