

## Assistance to improve marine hatchery production in Thailand

Following the Tsunami in 2005, Akvaplan-niva staff donated 6 months staff time to rehabilitation of aquaculture in the affected areas supported by Norad. One of the projects in Thailand was to assist with the improvement of hatchery technology and methodology for the production of fry for high value species. The project took place Coastal Fisheries Research and Development Center in Krabi.

### Technical Assistance

The project work was divided in two parts:

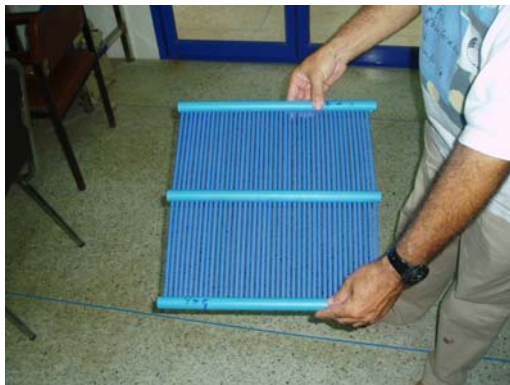
- Improvement of grouper hatchery production technology
- Training in intensive live food production

### Grouper hatchery technology

Low-cost hatchery equipment was developed and tested to improve productivity and quality of fry production. Surface skimmers were developed using locally available materials.



In tank grading reduces the cannibalism during the weaning stage. Low-cost grading bars were made using balloon straws and PVC pipe.



### Training

A one-week training course in live feed production and hatchery rearing of fry was given to the hatchery staff of the different Coastal Fisheries Research and Development Centres around Thailand.

The lectures covered the intensive marine fish hatchery production methodology that has been developed in the Mediterranean.



The course covered algae production techniques, intensive rotifer production and enrichment, Artemia decapsulation and enrichment.



### Akvaplan-niva competence

Akvaplan-niva undertook the following;

- Production of low-cost equipment
- Improvement of hatchery techniques
- Training and demonstration