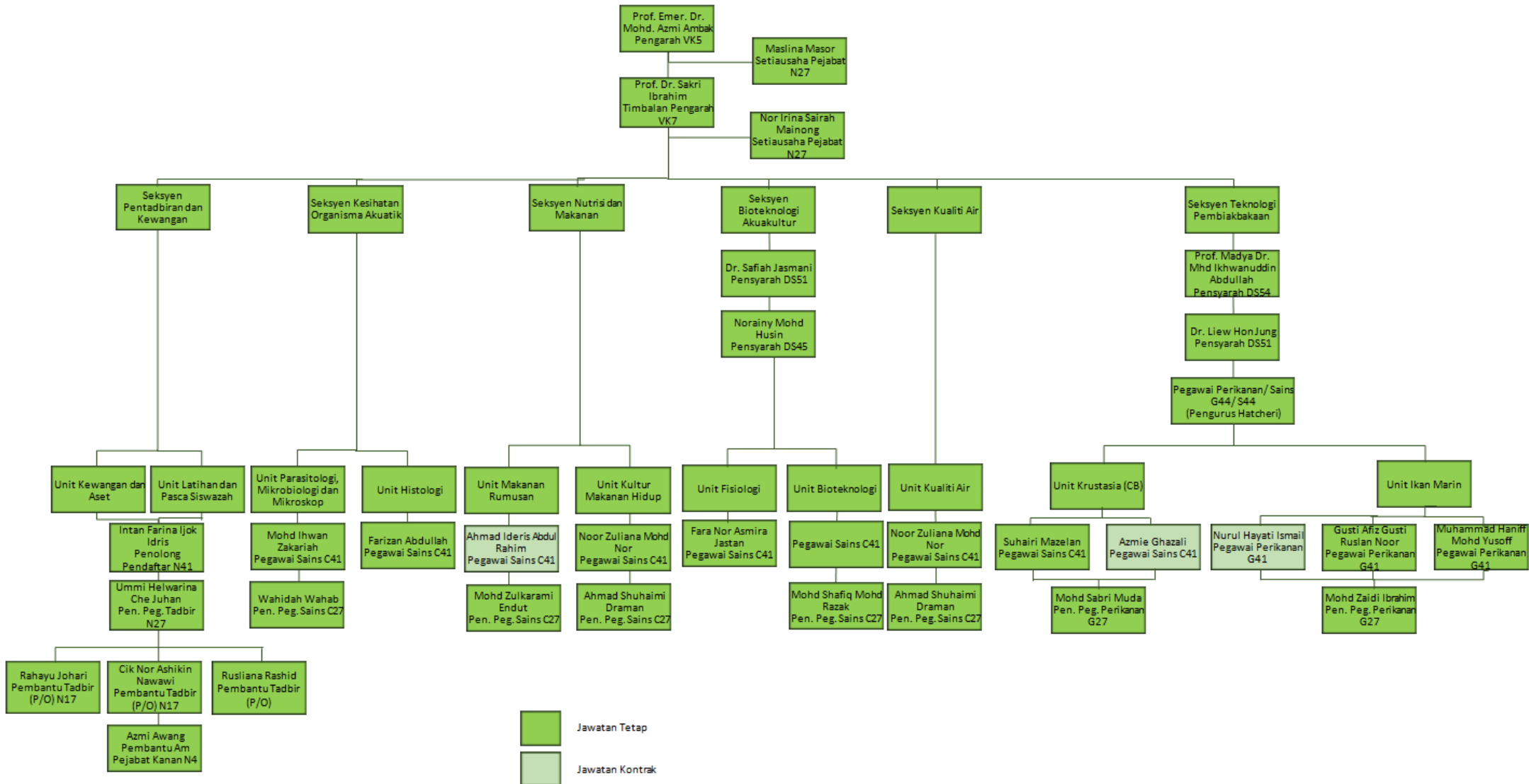


AKUATROP Organisation Structure



Introduction

In 2003, AKUATROP as centre of excellence in aquaculture will reflect back its function and role in this sector in both locally and internationally. AKUATROP's existence is to help and to empower our country's aquaculture industry. AKUATROP plans to become a Centre of Excellence and Reference Services for Aquaculture with hope to give an impact on the industry through three aspects or themes of research through the implementation of three programs, namely:

a. Theme : Food Security (Kecukupan Makanan)

Program 1 : Development of a new breed (FAST) for existing commercial aquaculture species

Program 2 : Exploration of new aquaculture species with high potential

Program 3 : Production of food formulations (AquaFeed) cheap and good quality.

b. Theme : Industri Empowerment (Pemeriksaan Industri)

Program 1 : Broodstock Multiplication Centre (BMC) Program for high quality local shrimp species

Program 2 : Strengthening Service Program of marine shrimp pathogen

Program 3 : Sustainability Program for Shrimp Culture Industry through Green Aquaculture Systems Development

c. Theme : Resources Sustainability (Kelestarian Sumber)

Program 1 : Development of seed and stock enhancement for mangrove crab populations in Setiu Wetlands through 'restocking'.

Program 2 : Lobsters breeding program and seed release through the 'sea rancing'

Program 3 : Continuing the reintroduction program of river fish such as mahseer, temoleh, Krai, and etc.

The main objective through the planned program is to ensure that the national target to supply 600,000 tons of fish through aquaculture will be achieved and the production target for shrimp worth at least \$ 5 billion a year would not be affected as well as help increase the income of 'small-scale aquafarmers', the company aquaculture, processing and ensure adequate supply of fish to consumers.

a. The objective for the **Food Security** theme is to produce a new breed species (Farmable Superior and Traceable Aquatic Species) through the FAST program and develop new food formulations that are cheaper and fit through AquaFeed projects for tilapia farming, lobster and mahseer.

b. The objective for **Industry Empowerment** theme is develop facilities and procedures for marine shrimp selection (*Penaeus monodon*, *P. merguensis*, *P. indicus*, etc.) and to produce broodstock and seed which are fast-growing and resistant / disease free through Broodstock Multiplication Centre Program (BMC). Developing Aquaculture Green Livestock Technology without discharge (zero waste) which is more environmental friendly.

c. While, **Resources Sustainability** Themes objective is to ensure sustainable source of high value resources through breeding and reintroduction program for selected species such as mangrove crabs, lobsters, mahseer and etc.

With this plan, AKUATROP also aims to achieve HICoE recognition for aquaculture service sector in Malaysia within two years, in accordance with the UMT plan strategic in giving impact to the National Aquaculture Industry.