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“Global food security and food safety:
The role of universities”

Food Security in Indonesia: improving Poultry Processing Standards and Farming System Along Agri-value

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Abstract

The annual poultry meat consumption in Indonesia is low compared to other countries in the region. Further increase in population and a higher consumption per head will lead directly to a higher demand for poultry meat. Due to rising demand for poultry meat, there is a high need for slaughtering and processing capacity with better, safer, more hygienic, more environmentally friendly slaughterhouse and design.

The programme for the poultry meat sector will address simultaneously several stages of the supply chain. Therefore, the main programme activities consist of component in order to achieve the Food Security Programme on poultry meat production.

1. Improving poultry processing standards

The current slaughtering practices create unacceptable health and environmental risks. Through training and investments in small scale slaughterhouse design and infrastructure a sustainable flow of safer and better quality carcasses and processed meat can be achieved. The following activities to improve slaughter numbers, performance and carcass quality can be achieved through :

- a. On-site Training Activities for slaughterhouse personnel
- b. New elements in existing facilities, namely cut-up techniques, cooling and storage of carcasses and parts
- c. Development of new design in practice according to hygiene requirements, low environmental burden, increased slaughter capacity and improved carcass quality

2. Poultry Farming Systems

Broiler production in Indonesia is still mainly carried out in traditional farming system. The following activities is planned to improve poultry meat production, farmer income and animal health and to decrease environmental burden.

1. On-site training programmes to improve broiler management in the form of presentations, video's, report or management guides.

2. Research- and training programs for better resources as feed, water and day-old-chick quality at farm level

Development of innovative broiler house and equipment designs to meet the requirements of high yielding broilers under Indonesian circumstances.

Keywords: Indonesia, farming system, food security, poultry production, slaughterhouse