

**SANREM**  
**Agroforestry and Sustainable Vegetable Production in SE Asia Watershed**

**TMPEGS Indonesia**

**Update**  
**Socio-Economic Assessment**  
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This is the progress of year 3 activities of Socio-Economic Assessment of TMPEGS Indonesia.

Based on the overall objective of the socioeconomic team, which is *to assess the socio-economic impacts of integrated vegetable-agroforestry systems on small women and men farmers in Nanggung Sub-district*, the year 3 activities of the socio-economic team have been focused on the monitoring study for socio-economic impact assessment. The following bullet points summarize the study.

1. Work Plan

Mid-September 2008 (18-20 September) Robin, Suseno and Arif discussed how the monitoring would be carried out, in consultation with Iwan, Gerhard and Dr. Anas Susilo and also additional information from a field trip to the project sites in Nanggung. (See the attached documents: Robin's notes on this and the Monitoring Protocol)

2. Data collection

Identification of vegetable cultivation technologies/practices within agroforestry systems (Kebun) under SANREM – VAF project, including the necessary inputs applied and the outputs has been done by Arief in close collaboration with all parties involved in the respective trials.

Input data for six SANREM experiments – on farm trials in Hambaro and Parakan Muncang, such as seeds used, number of labor employed, fertilizers and pesticides application, and also water (these include quantity and price to estimate costs per ha. or smaller land size unit). Yield per ha of the respective trials are also to be collected. The data collected then will be used for the calculation of B/C ratios for various trials/experiment. Include soil and water conservation benefits as available (collaborate with Anas).

AT present, the team has collected input data as well as the benefit of shade management trial. The team are analysing data with current price employed in Nanggung area such labor wage and marketable vegetable price. However, some components of planting materials, such indigenous vegetable seed, are not available in local market.

### 3. Shade Management trial

Shade management trial (one out of six trials) has been ended. Arief in collaboration with Gerhard Manurung carried out an FGD (focused group discussion) to obtain farmers perceptions/feedback of vegetable trials via farmer visits to trials. The FGD was carried out in October 2007. The finding are : (1) there are farmers practicing vegetable cultivation over 5 years; (2) farmers are experienced in vegetable cultivation but not on tree shading area (3) there are farmers never saw vegetable cultivation under tree shading and (4) farmers who have experieced in vegetable cultivating under tree shade start its cultivation by trial and error.

### 4. Detail monitoring plan

Detail monitoring plan is in progress. The detail monitoring plan will be consulted to all scientist involved to get the feed back; will be done on February