



Re: TAU-ICIPE project - report

Substantial report

The following actions took place in the past year of activity:

- A PhD student (biological scientist) from TAU has started his research work and an M.A. student was recruited by *icipe*.
- *icipe* and TAU provided technical training on Integrated Pest management (IPM) to 15 extension officers and agricultural experts of Elgeyo Marakwet county, Kenya.
- A baseline survey was done at the end of 2017 in collaboration with Agricultural Office of Elgeyo Marakwet County, Kenya. Following the survey, we produced a comprehensive report.
- Training related to Integrated Pest management (IPM) and utilization of the IPM technologies provided to 337 mango growers in Elgeyo Marakwet County in December 2017.
- Integrated pest management (IPM) starter kits distributed to 175 farmers in January 2018.
- Monitoring of the experiment and preliminary data collection on benefits of interventions was conducted in June 2018.
- A simple monitoring tool was developed and shared with farmers, to record mango production and count fruit flies.
- A Follow up survey is planned for August 2018.

Financial report

Part A – TAU: \$15,000

The entire sum was used for a research scholarship for a Ph.D. student – Opher Mendelsohn. BMI had covered Opher's travel expenses to Kenya out of its own resources.

Opher is about to complete his Ph.D. thesis and thus could not attend to the subject of a food security database and focused on the practical work in Kenya. We intend to include this issue in the work-plan of the research students who will take over the project in the coming year.

Part B – *icipe*: \$15,000

Due to TAU bureaucracy, the designated funds were transferred to *icipe* only on April 2018.

The use of the funds was as follows:

- Data entry analysis, monitoring survey, training extension workers and farmers, and disturbing IPM technologies to farmers: \$7,500
- Technical training, disturbing IPM technologies and carrying out monitoring survey: \$1,500
- Support for an M.A. student: \$6,000. Given the time in which the funds were received, an M.A. student was recruited at this point. The cost of a four-year support for Ph.D. student at ICIPE is \$75,000.



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The future of the project

Research/action plan:

- Development of community based monitoring
- Stabilization of IPM equipment distribution
- Development of extension IPM advisory team
- Development of ICT tools for data management and decision support
- Engagement of extension in research
- Higher involvement of the county government
- Development of R&D centers at the county level, as part of the agricultural value chain
- Improving farmers' cooperation
- Involvement of development funds – USAID, Gates foundation, Danida, GIZ etc.
- Dissemination of adapted and applicable ICT tools