

HANDING OVER OF CAVS BIOGAS PROJECT SITE TO PHARMA CONSULTING ENGINEERS ON 13th March 2015 at 2PM

The CAVS Biogas site was today handed over to the contactor - Pharma Consulting Engineers. This was done at a ceremony presided over by Mr. John K. Maina (Principal Renewable Energy Officer) and Mr. Dickson Murira (Senior Energy Economist) of the Ministry of Energy and Petroleum and Prof. C. Mulei (Ag. Principal CAVS). The construction, testing and commissioning of the bio-digester at CAVS is supported by the Ministry of Energy and Petroleum in support of the Vision 2030 Power generation Flagship Project. The capacity of the bio-digester is 120 M³ and will supply ready to use gas to the Tana Kitchen at the Upper Kabete Campus.

The construction works will commence on Monday 16th March 2015. It is anticipated that the project construction work will be completed by the end of the 2014/2015 financial year followed by test-running for two months.

The benefits of this project include:

- a) By recovering biogas from livestock waste and producing on-campus energy, the University will reduce monthly energy purchases
- b) A contribution by the College to the National Climate Change Adaptation Strategy through a project designed to reduce GHG emissions and hence mitigation of global warming and climate change
- c) Be a demonstration site for experiential learning for both undergraduate and post graduate students
- d) Be a demonstration site for technology transfer, experiential learning and mentoring of the zero-grazing and larger livestock farmers in the neighboring counties particularly in the Mt. Kenya region.
- e) The biogas project will reduce offensive odors from the cattle bomas which impair air quality and can be a nuisance to the campus community.
- f) The digestate will be used as organic fertilizer in the Field Station farms for producing organic vegetables.

For the Photo: please see separate attachment from Esther for the photo

From Left to right

Mr. J.K. Maina, Mr. D. Murira, Prof. C. Mulei, Prof. J., Kimenju, Prof. G. Kironchi, Prof. D, Mungai, Mr. S. Tirop, Mrs. E. Ngunga, Mr. J. Aura, Mr. D. Khamila and Mr. S. Kamau