

Chapter-11

DOI: <https://dx.doi.org/10.22159/ED.c11>

A Review of the Physical Infrastructure & Equipment Quality Indicator of Ecole Technique Officiels (ETO_s) and Ecole Agroveternaire (EAV_s) in the Rwandan TVET System

Mwangi Maringa

Department of Architecture, School of
Architecture and Building Sciences,
Jomo Kenya University of Agriculture
and Technology, PO Box 62000 –
00200, Nairobi, Kenya

Maina Maringa

Department of Mechanical and
Mechatronics Engineering, Central
University of Technology Free State,
Bloemfontein, South Africa

Abstract

In this chapter, a review of the status of the Technical and Vocational Education and Training (TVET) quality indicator of physical facilities and workshop equipment in selected Ecole Technique Officiels (ETOs) and Ecole Agroveternaire (EAVs) in Rwanda is presented. It is noted that most of the selected ETOs and EAVs required substantial improvements in this TVET quality indicator in order to ensure the delivery of quality technical education. Considering the normal budgetary constraints, the possibility of investing in ETOs in accordance with existing program areas of strength of the inquiry and planning period of 2008-2013 was mooted while ensuring equitable spatial access to all TVET programs in the country. For starters, it was proposed that planning of space in the ETOs and EAVs, either lacking or poorly done, needed to be addressed by developing master plans. The prevalence of idle workshops some with partially broken-down equipment or equipment that was hardly ever used, underlined the need to develop a rationale with which to guide the acquisition of up-to-date, maintainable TVET training equipment that was relevant to the programs being mounted in respective ETOs.

Keywords: TVET performance indicators, physical infrastructure, equipment
