

## **Advance eBario with SHARE Project**

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### **ABSTRACT**

TTC promotion committee and UNIMAS had carried out eEducation project supported by Asia Pacific Telecommunity (APT) last year. And in this year, we will try to make the first case of constructing optical fiber access network in rural area (Bario), supported by APT. We will install optical fiber from telecenter to school and clinic in Bario. eEducation and eHealth will be serviced to Bario community through the optical fiber network. eEducation solution will be using broadband contents and based on cloud network. eHealth solution strives to compile a record of basic health data (height, weight and blood pressure) of the local population. Meanwhile, TTC promotion committee has few other SHARE (Success & Happiness by Activating Regional Economy) projects in other countries, eHealth and eEnvironment in Indonesia, efisherfolk in Philippines, eAgriculture in Thailand. The main activity in SHARE project is working together with the local to solve social issues in the rural area by utilizing ICT. Our SHARE model is to construct sensor network in rural areas where specialist or experts are non presence, and for the specialist or experts living in urban area to collect data through the network and analyze them to provide useful solutions to the rural area community using the network. In this paper, we would like to introduce our SHARE activities in e-Bario and in other countries. This information will be useful for rural area communities around the world.

**KEYWORDS:** eEducation, eAgriculture, eHealth, Broadband Network