

ABSTRACT

The government has launched a program to increase research in universities and commercialize research results in order to improve the economy and foster an entrepreneurial spirit from an early age, besides that it is expected to have an impact on society and the surrounding environment to support the era of globalization and digitalization which is increasingly developing today. However, the facts show that the process of downstreaming research results in Indonesia is still minimal, one of the factors is due to the gap between academic research and industry. Therefore, universities must take a role, one of which is Telkom University, which has a mission to become an entrepreneurial university so that universities have a responsibility to carry out the commercialization of research results. The purpose of this research is to re-identify how the roles and functions of each entity involved in commercialization can support the commercialization of research results of the Telkom University academic community and how the entities relate to each other which can be mapped through entity relationship diagrams. This study uses qualitative research with semi-structured interviews with the top management of each entity. The research objects are science techno park, technology transfer office and technology business incubator incorporated in Bandung Techno Park area.

The results of this study indicate that the function and role of STP is to create a culture of entrepreneurship and commercialize innovative products from the Telkom University academic community. the function and role of TTO is to protect Intellectual Property from the results of innovative products and commercialize in the form of Industrial Licensing or Cooperation contracts. As well as a new entity that helps commercialization on a project scale that requires legal assistance, namely PT Bhakti Unggul Teknovasi (PT BUT). The function and role of TBI is to develop entrepreneurship programs, business incubation and form spinoff companies. The relationship between these three entities is that STP oversees innovation products from upstream to downstream within its area, which is the Directorate of BTP and PPM. TTO helps the process of being born from the innovation products escorted by STP, which can be said that BTP as a whole is more specific in the KI&TTO Center, and is assisted by PT Bhakti Unggul Teknovasi (PT BUT). TBI is in the middle of STP and TTO which determines whether innovation products need to be incubated or can be directly commercialized, which is run by the BTP Incubator and Business Innovation (IIB) unit.

Keywords: *Role and Function, Commercialization, Science Techno Park, Technology Transfer Office, Technology Business Incubator, Entity Relationship Diagram.*