

ABSTRACT

Innovation become as one of the benchmarks for measuring the Country's competitiveness, wherein the most important thing to streamline the innovation system is a collaboration between several entities, such as academic, business, community, and government. From this collaboration, furthermore, Science Techno Park (STP) emerges and plays a role to synergizing those several entities. Bandung Techno Park itself is one of the STP in Indonesia that synergizing a roles from collaboration the academic, business, government, financial institution, community, and media through approach the innovation ecosystem. But, there is no clear mutual relationship between entities in the innovation ecosystem.

This study aims to investigate who are the actors involved from each entity in the innovation ecosystem, the kind of relationships among the actors, and the impact of these relationships in the innovation ecosystem at Bandung Techno Park.

The phenomenon in this study was explored by qualitative method, wherein data collection techniques were conducted by interviews with 12 speakers representing each entity. The results of the interview are reduced by data analysis techniques of Miles and Huberman. Furthermore, the innovation ecosystem modelling was conducted based on the result of the interview that have been reduced by using value network analysis by Verna Allee to achieve the objectives of this study.

This study revealed that not all entities have actors involved in innovation ecosystem. This study also found that quality of research, the mindset of researchers, and the ability of researchers who are less sensitive to see market needs become obstacles in research downstream form academic towards business/industry. Besides, Indonesia's industry which is dominated by agriculture-based sectors, mining, etc. has become a difficulty in commercializing technological product innovations through licensing channels with industry. Further findings from this study are related to researchers' speed in Telkom University in conducting researching technological solutions to business problems being a Telkom client and working on the program with the Regional Government of Bandung Regency is considered slow. Therefore, Bandung Techno Park still has shortcomings in synergizing Telkom University as an actor of academia with Telkom as an actor of business as well as of Telkom University and Regional Government of Bandung Regency as one of the actors in the government's innovation ecosystem.

The results of this study are expected to be used as a direction by Bandung Techno Park and other entities involved in innovation ecosystem to support the realization of the Bandung Techno Park strategic plan to become a Research and Entrepreneur Center in 2023.

Keyword : *science techno park*, innovation ecosystem university, value network analysis.