

Intra and International Collaborations as Important Factors of Organisational Innovation of Government Agencies in STI Ecosystem in ASEAN

Authors : Salinthip Thipayang, Achara Chandrachai, Rath Pichyangkura, Sukree Sinthupinyo

Abstract : Most of the well-known frameworks and tools to measure and compare organisational innovation of the public or government agencies have been designed and used in the developed economies such as the EU, Nordic Region, Australia, and South Korea. This project is one of the very first attempts to develop a measurement tool to adequately measure the organisational (administrative) innovation of the government agencies in the developing economies in ASEAN. New measurement framework with the components including the intra and international collaborations of these government agencies to other private, public and academic sectors were added to the proposed measurement framework. Questionnaires and in-depth interviews with the experts and the middle to top executives of the participating public agencies in the ASEAN member states were conducted to determine the suitability and develop the indicators that should be included in the measurement model. The results showed that intra and international collaborations of these government organisations to other agencies in the public, private and academic sectors can lead to new changes and greatly impact the ways in which these government agencies in the ASEAN STI ecosystem are operated and administered. Government organisations in less developing countries in ASEAN are ready and willing to learn from their counterparts in other more advanced countries and adjust their internal management to be more innovative and to better handle international collaborative projects and commitments.

Keywords : organisational innovation, administrative innovation, government agencies, public agencies, ASEAN science technology and innovation ecosystem, international collaborations

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