

JOURNAL OF SCIENCE, TECHNOLOGY AND INNOVATION POLICY AND MANAGEMENT (STIPM JOURNAL)

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FOREWORD by EDITOR-in-CHIEF

We are very pleased to inform the readers that *Journal of Science, Technology, & Innovation Policy and Management* (STIPM Journal) Vol 3, No. 2, December, 2018 is now ready for public reading and views. STIPM Journal is an online research journal, managed by the Center for Science and Technology Development Studies, Indonesian Institute of Sciences (PAPPIPTEK-LIPI).

This journal is in fact provides scientific information needed mostly by the research scholars. As a peer reviewed journal, STIPM provides free public access to all articles. Two issues, namely scientific review on variables and dimensions of national innovation capability, as well as research findings on development and adoption of science, technology, and innovation policy and management from Japan and Indonesia, are presented.

The first article “Internal Innovation Capacity and External Linkages in Firms of ASEAN Economies Focusing on Endogeneity” is composed by **Masaru OGAWA *et al.*** This research article examines the role of internal innovation capacity, which includes technological level, organizational learning, and human resources on innovation. The second research article entitled “Drivers of Innovation without Formal R&D: Selected Cases of Indonesian Firms”. This article is presented by **Erman AMINULLAH *et al.*** The objective of this research study is to obtain a deep understanding about “why and how” firms engaging in innovation without formal R&D, through deep analysis of three cases of firms in machinery and food processing sectors.

Uruqul Nadhif DZAKIY presents an article entitled “Technology-based start-up: A formula to become sustainable company in Indonesia, lessons-learned from UAVINDO Nusantara”. UAVINDO is a sample of technology-based company in Indonesia which has the characteristics of sustainable company. The fourth article entitled “Development strategy of national microsatellite industry: Case study of Indonesia”, is presented by **Chusnul Tri JUDIANTO *et al.*** By applying SWOT and Quantitative Strategic Planning Matrix (QSPM) methods, this research identifies and analyzes the alternative strategy from external and internal factors and selects the appropriate and precise strategy for developing the microsatellite industry.

Hadi KARDOYO *et al.* present an article entitled “Knowledge accumulation-based entrepreneurship in the creative industry: A case study of woodwork firms in Indonesia. This article describes the activities of knowledge-entrepreneurship in four wood craft firms, namely Radio Magno, Stranough Guitar Technologi, Secco Guitar, and Matoa Watch, and also shows some lessons from KIE (Knowledge Intensive Entrepreneur). The last article composed by **Ahmad Dading GUNADI *et al.***, present a Scientific Review on National Capability Variables and Dimensions. This paper analyses the dimensions and variables of National Innovation Capability through a system approach that includes three sub-systems, namely Input, Process, and Output.

After indexing by Google Scholar, ISJD and IPI, STIPM Journal is now indexed with DOAJ, BASE, and OCLC World Cat. This has made the journal's dissemination wider. We would like to express our immense gratitude to our international editorial board members, reviewers and authors for their contribution to this issue. We hope this publication will prove useful for readers and could contribute to the enhancement of science, technology and innovation initiatives. We expect that STIPM will always provide a higher scientific platform for authors and readers, with a comprehensive overview of the most recent STI Policy and Management research and development at the national, regional dan international levels. Finally, wishing you a *HAPPY NEW YEAR 2019. May your New Year be filled with great achievements, good health, peace, happiness, and joy.*

Jakarta, December 2018

Editor-In-Chief