

Accepted Manuscript

Title: Development of an evaluation framework for publicly funded RandD projects: The case of Korea's Next Generation Network

Author: Eungdo Kim Soyoung Kim Hongbum Kim

PII: S0149-7189(15)30110-5

DOI: <http://dx.doi.org/doi:10.1016/j.evalprogplan.2017.02.012>

Reference: EPP 1425

To appear in:

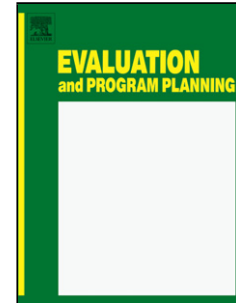
Received date: 19-12-2015

Revised date: 28-1-2017

Accepted date: 19-2-2017

Please cite this article as: Kim, E., Kim, S., and Kim, H., Development of an evaluation framework for publicly funded RandD projects: The case of Korea's Next Generation Network, *Evaluation and Program Planning* (2017), <http://dx.doi.org/10.1016/j.evalprogplan.2017.02.012>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Development of an evaluation framework for publicly funded R&D projects: The case of Korea's Next Generation Network

Eungdo Kim

Invited Professor

Graduate School of Health Science Business Convergence, College of Medicine, Cheongju, Chungbuk National University, South Korea

Soyoung Kim

Senior Researcher

Information Analysis Center, Korea Institute of Science and Technology Information, Seoul, South Korea

Hongbum Kim*

Senior Researcher

Korea National Industrial Convergence Center, Korea Institute of Industrial Technology, Ansan-si, Gyeonggi-do, South Korea

- This research suggests a practical model to evaluate the performance of large-scale and publicly funded projects
- The model consists of the standard matrix framework of indices that evaluates industrial ecosystem and economic and technological outcomes
- As a case analysis, this model evaluates the performance of the Korea's Next Generation Network project

Abstract

For decades, efforts have been made globally to measure the performance of large-scale public projects and to develop a framework to perform such measurements due to the complexity and dynamics of R&D and stakeholder interests. Still, limitations such as the use of a simply modified model and the lack of a comprehensive viewpoint are prevalent in existing approaches. In light of these research gaps, this study suggests a practical model to evaluate the performance of large-scale and publicly funded projects. The proposed model suggests a standard matrix framework of indices that evaluates the performance of particular elements in an industrial ecosystem in vertical categories and the economic and technological outcomes of those elements in horizontal categories. Based on the application of a balanced scorecard, this study uses mixed methodologies such as social network analysis, inter-industry analysis, and the analytic hierarchy process. Finally, the model evaluates the performance of Korea's Next Generation Network project as a case study.

متن کامل مقاله

دریافت فوری ←

ISIArticles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات