



Innovation >
Organization & Management
Volume 17, 2015 - [Issue 3](#)

209 | 5
Views | CrossRef citations to date | Altmetric

Articles

Who participates in de jure standard setting in Japan? The analysis of participation costs and benefits

Suguru Tamura

Pages 400-415 | Received 17 Feb 2014, Accepted 30 Mar 2015, Published online: 28 Jul 2015

Cite this article <https://doi.org/10.1080/14479338.2015.1054604>

Check for updates

Sample our
Economics, Finance,
Business & Industry Journals
**>> Sign in here to start your access
to the latest two volumes for 14 days**

Full Article

Figures & data

References

Citations

Metrics

Reprints & Permissions

Read this article

Share

Abstract

This research examines who participates in de jure standard setting in Japan, so as to understand the benefits and costs that corporations receive from participation in de jure standard setting in Japan. In particular, the research and development (R&D) expenditure to sales (R/S) ratio is used to examine corporations' relative R&D position in their industrial sector, in the following four sectors: (1) production machinery, (2) transportation machinery, (3) non-ferrous metals, and (4) information and communications technology. In addition, an analytical framework for the cost and benefit structure of corporate participation in standard development organizations is described. We have found that in R&D-intensive industries, there is less participation

from high R/S corporations. This result is in accordance with previous research into EU de jure standardization, but not with the US case.

Keywords:

standardization

de jure standard

de facto standard

R&D strategy

trade secret

Acknowledgement

This study is the result of research conducted as a part of a project undertaken at the Research Institute of Economy, Trade and Industry (RIETI) in Japan. The author appreciates the comments of Professor Motohashi at the University of Tokyo, Professor Nagaoka of Hitotsubashi University, the editorial board of Innovation: Management Policy & Practice, and the anonymous reviewers.

Related research

People also read

Recommended articles

Cited by
5

Information for

Authors

R&D professionals

Editors

Librarians

Societies

Opportunities

Reprints and e-prints

Advertising solutions

Accelerated publication

Corporate access solutions

Open access

Overview

Open journals

Open Select

Dove Medical Press

F1000Research

Help and information

Help and contact

Newsroom

All journals

Books

Keep up to date

Register to receive personalised research and resources
by email

 Sign me up

  

  

Copyright © 2026 Informa UK Limited Privacy policy Cookies Terms & conditions

Accessibility



Registered in England & Wales No. 01072954
5 Howick Place | London | SW1P 1WG