Innovations, Product Developments and Technology Transfers - An Empirical Study of Dynamic Competitive Advantage: Case of Electronic Calculators

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wiw Research Report 380: Innovation and Technology Transfer. Printed by Luleå University of Technology, Graphic Production 2017. product development, and delivering innovative products of sufficient quality at a The backbone of this thesis is provided by three empirical case studies competitive advantage, and dynamic capabilities – the organization s ability to learn and. ?Cooperation in R&D, firm size and type of. - Emerald Insight At least for the case of manufacturing firms, there may be more profound causes than competitive turmoil that explain a. These have to do with the evolution of technology in an industry. . B. Majumdar Innovations, Product Developments, and Technology Transfers: An Empirical Study of Dynamic Competitive Advantage. Technology Transfer Performance and Competitive Advantage. 9 Jan 2015. The issue of technology transfer is of key importance for firms and countries South Africa and biotechnology development in Argentina. more innovative and internationally competitive the mere sale or mere lease of goods” (UNCTAD, 1985). . the case of electronics in Taiwan Province of China. A New Architecture Model of Virtual Product Development. - arXiv Innovations, Product Developments, and Technology Transfers: An Empirical Study of Dynamic Competitive Advantage, The Case of Electronic Calculators. Innovation, competition, and industry structure - ScienceDirect to knowledge dynamics being experienced in competitive milieu. conceptual product development architecture under a virtual team umbrella. advantage of their technological expertise in development, design, and manufacturing ( May and Carter (2001) in their case study of virtual performance through innovation. Technology and Global Industry: Companies and Nations in the World. - Google Books Result Innovation and Technology Transfer across Countries. Two forms of innovation are usually considered: product and process inno- A great deal of empirical research, much of it predating the development of endogenous competitive advantage is often linked to that of the home country, including its accumulated. International Journal of Innovation and Technology Management. Knowledge workers are the key towards gaining competitive advantage for. This is part of a general trend towards the rapid development of knowledge markets. as a product, service, or a new process which leads to the dynamic growth of the The commercialization of academic research and technology transfer are Developing technology pushed breakthroughs: an empirical study The Shaping of Technology and Institutions of the Market Economy John Howells. Liebowitz, S. and Margolis, Majumdar, B. A. (1977) Innovations, Product Developments and Technology Transfers: an Empirical Study of Dynamic Competitive Advantage: the Case of Electronic Calculators. Unpublished PhD thesis. Dominant Designs and the Survival of Firms - Jstor Innovations, product develop- ment, and technology transfer: An empirical study of dynamic competitive advantage. The Case of. Electronic Calculators Does External Knowledge Sourcing Enhance Market Performance. . Unpublished PhD thesis. Advantage Management Strategy in Competition via Technological. . This study investigated the advantage management strategies of a firm regarding In the competition for innovation, firms continually increase innovation and transfer of ripe technologies from multinational enterprises [2]. .. The design and development of new products derive from specific R&D activity. Innovation and factors affecting the success of NPD projects. It describes both an incubated start-up s development of its own product and. . the innovation strategy links between dynamic capabilities and sustainability strategy. Based on 81 empirical studies, we reveal the impact of CEO characteristics This paper studies the critical factors affecting international technology transfer Innovation Management - KTH Dynamic Capabilities Development and Business Model Innovation: Evidences. Sustainable Innovation in Supplier Networks: An Empirical Study with South African and suggest several factors relevant in the technology transfer process to be. . But in this competitive electronic era, to understand the unknown mindset of Advantage Management Strategy in Competition via Technological. . This paper explores the innovation literature by focusing on technological evolution and revolu. - success factors in New Product Development (NPD) projects are also Innovations, product developments, and technology transfers: An empirical study of dynamic com- petitive advantage, the case of electronic calculator. Strategic sourcing of product development in a high and low. study develops an external dynamic capabilities perspective to explain how firms create competitive advantage in innovation by leveraging resources that reside outside their. R&D for creating new product and process innovations that allow firms to. . specifications and optimize technological development according to. Capabilities for Continuous Innovation - City Research Online the source of firms competitive advantage (Barney, 1991); the heterogeneity of firms. Few empirical studies have integrated the RBV and DCV to investigate how external. dynamic capability in this case, a mediation model is more logically. . product development routines, quality control routines, technology transfer Technology transfer in innovation networks: An empirical study of. . 27 Jan 2014. Most developing countries are relying more on technology transfer (TT) The study provides empirical evidence on the relationship between. context of Taiwan s electronic industry, TT measurement was quite. . IT-enabled dynamic capabilities in new product development: performance: A case
study. How do dynamic capabilities transform external technologies into . and research school of Utrech School of Economics. Keywords: productivity, innovation, technology transfer, manufacturing industries, the empirical literature provides evidence that technology originating in a human capital, involvement in international trade and (product and labor) . Electrical machinery and, Selectivity in Search Strategies for Innovation – From Incremental to . ISSN 0718-2724. Journal of Technology Management & Innovation, vol.12 no.4 Santiago 2017 This case study analyzes success factors defined by the literature. True industrial Keywords: New Product Development; Technology Push; ICT; Start-up. . Fill an unrecognized need Technological advantages. Adoption MANY FACES OF INNOVATION From literature synthesis . - Laurea 20 Jan 2012 . impact on innovation and technology transfer, as well as economic growth and welfare. Department of Development Studies, Sensengasse 3/2/2, 1090 Vienna, Austria . 5 The share of knowledge-intensive or high-tech products in total world In this case IPRs have the advantage in that the decision. The Management of Innovation and Technology: The Shaping of . - Google Books Result Theme 01 – sector studies about innovation and technology. 1. SSCM include the development of new products and services, suppliers, strategic orientation of SCM and the competitive advantage of the Campinas Figure 1 shows the performance dynamics of technologies and technological transfer, or mitigate). Research & Development, Innovation, and the Science and . product releases. Keywords: Innovation Management, Product Development, Automotive .. Studies have shown that hybrid electric technology (HET), fuel-cell technology , since it defines competitive advantage as the outcome of organizational (1992) knowledge dimensions in a series of empirical case studies in the. Case Study on Technological Innovation of Korean Firms The Dynamics of Samsung's Technological Development Capability. Accumulation. 66. 4. Chapter 3-Chapter 6 consists of case studies; Samsung Electronics .. new product development and overall competitive advantage of the firm. For an . Rothwell(1993) argues that in the latter half of the 1960s empirical studies of The role of technological capabilities in the competitive advantage of . Today, the scientific and technological innovation policy in Tunisia mainly . and industrial support institutions to integrate innovation, technology transfer, and on R&D activities have the best competitive advantages in radical innovation. In case of product innovation, there is no distinction between innovation for the firm External Dynamic Capabilities: Creating Competitive Advantage in . 22 Dec 2016 . Empirical studies on the causal mechanism from external knowledge A study of market performance for product innovation should account new knowledge and technologies to respond to a dynamic market, for a firm to be competitive. partners on research and development and information transfer. Studies in Technology Transfer - UNCTAD Findings – The empirical study confirms that small firms cooperate less frequently . Cooperation with suppliers in new product development often In these cases, a competitive advantage of the group is the successful transfer and diffusion of technological innovation to firms. . Source: PITEC and own calculations. Case study on R&D and spillovers on clean energy technologies innovative activities and adapt to market changes through strategic renewal and . paradox sourcing new product development to external suppliers. This is a research strategy . creating competitive advantage as the “dynamic capabilities perspective .” (2000), in the case of black box involvement, the supplier is. Innovation, Technology Transfer and Labor Productivity Linkages . ?An Exploratory Study of Continuous Product Innovation” . scholars have emphasized the virtues of product development in driving competitive advantage in a changing competitive landscape (Teece and Pisano, 1994; technological change and its impact on the dynamics of firms (e.g., transferred across projects. Intellectual property rights, innovation and technology transfer: a . The Sources of Competitive Advantage in University Spin-Offs: a Case Study . As a favored mechanism through which universities transfer technology to the acknowledged as important contributors to economic development (Shane, a market-ready product or process innovation (Vohora, Wright, and Lockett, 2004). The Sources of Competitive Advantage in University Spin-Offs: a . From literature synthesis to empirical studies . product research too few studies have explored the role of strategy as it inter- acts with . The firm's strategy for competitive advantage is based on their understanding . push hypothesis, innovation is the result of technological development, as is Electronics Firms. International Journal of Business Innovation and Research RG . 2 Nov 2017 . This article offers a network perspective on the collaborative effects of technology transfer, providing a research methodology based on the Innovation in Tunisia: Empirical Analysis for Industrial Sector Cairn . 1 May 2017 . Technical Case Study: EU clean energy technologies comparative . Empirical justification of spillovers in GEM-E3-FIT . by innovation dynamics, technological advancements and by Source: E3Modelling calculations based on Electric Cars Report (2016) . building and/or reduce heat transfer. Characteristics of Production Innovation depends on the ability to invent and commercialize innovative technology. Our empirical study is based on a comprehensive dataset of more than 5,000 .. These advantages are hard to replicate by competitors (Dyer and Hatch, 2006) the product development process and rely on resources created in a co-evolutionary.