

# Strategic Entrepreneurship

Klein, Peter G.; Barney, Jay B.; Foss, Nicolai J.

**Document Version** Final published version

Publication date: 2012

License CC BY-NC-ND

Citation for published version (APA): Klein, P. G., Barney, J. B., & Foss, N. J. (2012). Strategic Entrepreneurship. Institut for Strategic Management and Globalization. SMG Working Paper No. 3/2012

Link to publication in CBS Research Portal

#### **General rights**

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

Take down policy If you believe that this document breaches copyright please contact us (research.lib@cbs.dk) providing details, and we will remove access to the work immediately and investigate your claim.

Download date: 06. Jun. 2025









Strategic Entrepreneurship

Peter G. Klein Jay B. Barney Nicolai J. Foss

SMG WP 3/2012

July, 2012

SMG Working Paper No. 3/2012 July, 2012 ISBN: 978-87-91815-79-9

Department of Strategic Management and Globalization Copenhagen Business School Kilen, Kilevej 14A 2000 Frederiksberg Denmark www.cbs.dk/smg

# **Strategic Entrepreneurship**

#### Peter G. Klein

Division of Applied Social Sciences and McQuinn Center for Entrepreneurial Leadership University of Missouri and Department of Strategy and Management Norwegian School of Economics <u>pklein@missouri.edu</u>

### Jay B. Barney

Department of Management, David Eccles School of Business University of Utah jay.barney@business.utah.edu

Nicolai J. Foss Centre for Strategic Management and Globalisation Copenhagen Business School and Department of Strategy and Management Norwegian School of Economics <u>njf.smf@cbs.dk</u>

July 2012

# Prepared for Eric H. Kessler, ed., *Encyclopedia of Management Theory* (New York: Sage, forthcoming).

**Abstract:** Strategic entrepreneurship is a newly recognized field that draws, not surprisingly, from the fields of strategic management and entrepreneurship. The field emerged officially with the 2001 special issue of the Strategic Management Journal on "strategic entrepreneurship"; the first dedicated periodical, the *Strategic Entrepreneurship Journal*, appeared in 2007. Strategic entrepreneurship is built around two core ideas. (1) Strategy formulation and execution involves attributes that are fundamentally entrepreneurial, such as alertness, creativity, and judgment, and entrepreneurs try to create and capture value through resource acquisition and competitive positioning. (2) Opportunity-seeking and advantage-seeking—the former the central subject of the entrepreneurship field, the latter the central subject of the strategic management field—are processes that should be considered jointly. This entry explains the specific links between strategy and entrepreneurship, reviews the emergence and development of the strategic entrepreneurship field, and discusses key implications and applications.

#### **1. Introduction**

Strategic entrepreneurship ("SE") is a newly recognized field that draws, not surprisingly, from the fields of strategic management and entrepreneurship. The field emerged officially with the 2001 special issue of the *Strategic Management Journal* on "strategic entrepreneurship"; the first dedicated periodical, the *Strategic Entrepreneurship Journal*, appeared in 2007. SE is built around two core ideas. (1) Strategy formulation and execution involves attributes that are fundamentally entrepreneurial, such as alertness, creativity, and judgment, and entrepreneurs try to create and capture value through resource acquisition and competitive positioning. (2) Opportunity-seeking and advantage-seeking—the former the central subject of the entrepreneurship field, the latter the central subject of the strategic management field—are processes that should be considered jointly. This entry will explain the specific links between strategy and entrepreneurship, review the emergence and development of the strategic entrepreneurship field, and discuss key implications and applications.

#### 2. Fundamentals

The links between strategy and entrepreneurship can be understood in several ways. First, entrepreneurs need strategy, across all stages of product and firm life-cycles, and insights from strategic management about capturing value through resource acquisition, industry positioning, capability development, the creation of real options, and the like are critical to our understanding of the emergence of new products, firms, and industries. In other words, the domain of SE is those entrepreneurial phenomena that can be best explained and understood using normally associated with the field of strategic management. Second, strategic management theory can be improved by thinking about the origins of competitive advantage. Resource attributes such as value, rarity,

imitability, and substitutability do not exist *ex ante*, but must be created or discovered through human agency. Entrepreneurial action is thus prior to value creation and capture. Hence, there are obvious gains from trade between the two fields. SE in fact draws opportunistically on both fields.

A basic idea of strategic entrepreneurship is that concepts from strategy designed to answer the question "Why do some firms outperform others" may apply in a more entrepreneurial setting. (By "entrepreneurial" here we mean not only the creation of new firms and the introduction of new products, but creativity, alertness, and discovery more generally). The dependent variable in strategic management research is usually taken to be sustained competitive advantage, that is, a firm's ability to create and appropriate more value than the competition on a sustained basis. This is often addressed in terms of established economics theories of applied price theory, industrial organization theory, game theory, and bargaining theory. In fact, most modern strategic management theory (whether resource-based theory or the positioning approach) is based on a logic of "competitive imperfection": ultimately, *some* deviation from the ideal of the perfectly competitive model, leading to imperfect factor and/or product markets, explain strategy's central dependent variable, sustained competitive advantage. Indeed, the latter is very often taken as synonymous with earning rents in equilibrium. Various lists have been compiled of the criteria that resources must meet in order to yield rents in equilibrium. However, there is a retrospective character to such lists: Their main function is to perform a kind of sort among the firm's resources to see if any conform to the criteria.

SE research typically takes the creation and capture of firm value as the phenomenon of interest. This allows SE scholars to use constructs, theories, and methods well-established in the two fields. For example, among the antecedents of value creation and capture are established

variables like entrepreneurial orientation and dynamic capabilities. However, focusing on value creation and capture implies that SE research is not committed to the strategy scholar's traditional emphasis on sustained competitive advantage; wealth creation may be a matter of discovering and exploiting a few large, but short-lived opportunities, or it may be a matter of many small, long-lived ("sustainable") opportunities. Competitive advantages may thus be fleeting and need to be created and created anew. SE asks how firms' can use strategic intent to continuously leverage entrepreneurial opportunities for advantage seeking purposes.

There is currently no list of key assumptions made by those engaging in strategic entrepreneurship research. However, some of these assumptions include the following:

- Wealth creation is not automatic, but results from the creative actions of individuals.
- Economic action takes place under conditions of Knightian uncertainty.
- Under Knightian uncertainty, decision-making is poorly described by the models of rational, utility-maximizing agents borrowed from mainstream economics. Judgment, satisficing, biases and heuristics, experimentation and learning, and the like are critically important.
- Entrepreneurship involves the assembly and deployment of heterogeneous capital resources, which may (but does not necessarily) result in the establishment of a new firm.
- Resource characteristics are not given, ex ante, but must be created or discovered through entrepreneurial action.

Building on these assumptions, strategic entrepreneurship can then be conceived as the study of individuals building economic institution to create wealth under conditions of Knightian uncertainty, where traditional profit maximizing decision making criteria may be replaced with

other kinds of decision rules. This definition of this specialized field is both strategic and entrepreneurial; focuses both on individuals and institutions; is not limited to the study of just firms as an institutional form; focuses on the centrality of wealth creation; and addresses the challenges associated with forming opportunities whose exploitation can lead to wealth. Like any good definition, this proposed definition of the field of strategic entrepreneurship also eliminates certain phenomena from the field. For example, decision making under risk—an undoubtedly important topic—is not included in this proposed definition. Also, firms that are formed for reasons besides the creation of wealth are not included in this definition—although it is important to recognize that this does not necessarily eliminate non-for profit firms or social entrepreneurship. Whether this more integrated approach to the definition of strategic entrepreneurship will emerge as the dominant definition is yet to be seen. However, as a matter of theory and discipline development, the integrated approach seems to hold more promise than the other approaches discussed here.

#### 3. Evolution

Anticipations of SE can be found in several earlier contributions. For example, Edith Penrose coined the notion of the firm's "subjective opportunity set," the set of opportunities the firm's top-management team perceives and believes it can seize, and Richard Rumelt linked entrepreneurship and the creation of competitive advantage. Moreover, work on corporate entrepreneurship, corporate venturing, organizational learning, innovation research, hypercompetition, real options, and dynamic capabilities theory each in various ways anticipate SE theory. And yet, those streams needed to be explicitly pulled together and focused. Understood as a relatively concerted research effort, SE is a very young field that has existed for only about a decade or so.

Most strategic management theory has until recently been surprisingly silent about where competitive advantage comes from. However, over the last decade or so, building, accumulating, transforming, managing, learning about, combining and recombining, etc. resources has become a central theme in strategic management. Thus, scholars increasingly emphasize, following Joseph Schumpeter, the inherently *temporary* nature of competitive advantages. This focus has substantial support in the relevant empirical literature, which broadly suggests that firm-specific returns that can be linked to specific competitive advantages regress to the industry mean, and that, moreover, the pace of regression has accelerated over the last few decades. A tradeoff arises under these circumstances, because on the one hand, hypercompetition provides incentives to accelerate investments in discovering new entrepreneurial opportunities that can be turned into temporary advantages, while on the other hand driving investments costs up (because of timecompression diseconomies).

Thinking on the origins of competitive advantage was also furthered by real options theory with which strategic management scholars got in the beginning of the 1990s. The reason is not difficult to understand: Strategic management has choices between flexibility and commitment at its very core. Real options allow strategic managers to take specific actions now or postpone them to a future point in time. They thereby provide flexibility in uncertain markets. Strategic managers may invest in a host of different real options to accommodate speedy and flexible reaction to changes in the environment. The link to firm-level entrepreneurship and competitive advantage is straightforward: As environments change, so do competitive advantages. Given that future competitive advantages are highly uncertain, it may pay to keep develop and keep several options open. Internal corporate venturing is a means to such option-creation. When uncertainty resolves, the firm can then call the option most likely to lead to an advantage in the relevant en-

vironment. However, the perhaps most direct precursor of SE is probably the "dynamic capabilities view" associated with David Teece and colleagues. This view argues that superior performance comes from a firm's capacity to change its resource base in the face of Schumpeterian competition and environmental change. Dynamic capabilities are defined as the firm's ability to integrate, build, and reconfigure internal and external competences to address rapidly changing environments. Importantly, dynamic capabilities reflect past learning processes, as they are a learned pattern of collective activity through which the organization systematically generates and modifies its operational routines in pursuit of improved performance. Superior dynamic capabilities enable firms to adapt more quickly and effectively to a changing business environment, creating a stream of temporary competitive advantages over time. More or less explicitly, these approaches emphasize the value of putting entrepreneurship into strategic management.

Seeing it from the other side, the notion that concepts from strategic management can inform research and practice in entrepreneurship is, perhaps, best exemplified in some of the most popular undergraduate entrepreneurship textbooks. In many of these books, the link between strategic management and entrepreneurship is almost explicit. For example, these textbooks often recommend that entrepreneurs need to begin with a purpose, and idea very close to strategic management's concept of a mission. In analyzing industries to identify opportunities and threats, these entrepreneurship texts often advise using the "five forces framework" and other tools that were originally developed in strategic management. The identification of entrepreneurial strengths applies resource-based logic, the strategic alternatives available to a firm parallel the list of "generic strategies" found in most strategy textbooks, etc.

Of course, much can be said about importing well-developed theories and tools from a discipline like strategic management into the study of entrepreneurship. After all, the history of stra-

tegic management involves importing theories and tools developed elsewhere—primarily economics—and adapting them to strategic management. This model has served the field of strategic management well. However, this first approach to defining strategic entrepreneurship essentially subsumes this new field as a special case of strategic management, and assumes away any special attributes that entrepreneurship—as a phenomena—possesses. This seems problematic because the study and practice of entrepreneurship seems to involve issues, including, for example, decision making under Knightian uncertainty, that have not received much attention in the strategic management literature.

#### 4. Importance

#### The entrepreneurial foundation of competitive advantage

Although many of the conceptual building blocks used in SE have been operationalized and used empirically in either the entrepreneurship or strategic management literature, as a distinct research field SE has yet to produce its own robust literature of empirical tests of dominant conceptual models and their main mechanisms. Conceptually SE has been rather quick to converge on an overall theoretical model with wealth creation as its dependent variable; however, lowerlevel causal mechanisms underlying this relationship are not clearly defined and operationalized. Appropriate tests of the underlying mechanisms of SE would appear to require longitudinal examination of how exactly firms' strategic intent affects their ability to transform the recognition of opportunities into wealth. What are the underlying mechanisms? Specifically, what is the interplay between organizational members with specific abilities and skills, interacting within an administrative framework (broadly conceived), that make some firms capable of continuous wealth creation? This calls for an approach to SE that highlights organizational design and be-

haviors in a multi-level framework. We view the absence of such framework as a major gap in extant SE research.

The strategic entrepreneurship literature can also be organized around a series of research questions or research topics that are of interest to both entrepreneurship and strategic management scholars and that are, so far at least, under studied. This seems to be the approach to defining the field adopted by Michael Hitt and Dan Schendel in their editorial essay announcing the formation of the *Strategic Entrepreneurship Journal*. In particular, these authors identified ten topic areas that overlap strategy and entrepreneurship that deserve further study. Examples of these topic areas include the study of creativity, imagination, and opportunities; the study of risk and uncertainty; the study of the behavioral attributes of entrepreneurship; and the study of the social role of entrepreneurship. However, while defining strategic entrepreneurship in this manner has certain advantages—not the least of which is to establish the editorial boundaries of a new journal as widely as possible—it ultimately has limitations. Indeed, defining the field in this way in an important sense avoids defining the field—it provides little or no guidance to young scholars interested in contributing to an emerging field, but unclear what is and is not included within those field boundaries.

Another way to think about the literature begins by recognizing that strategy and entrepreneurship have several things in common. Among these are emphases on wealth creation, decision making, operationalizing decisions, and assembling resources to create wealth. Such commonalities suggest that these two fields could inform one another. However, despite these common features, there are important differences between the two fields which suggest possible points of conflict, but also possible points of integration. For example, while both fields focus on decision making, strategic management looks at decision making under conditions of risk while

entrepreneurship also looks at decision making under Knightian uncertainty. Also, while both fields focus on wealth creation, strategic management theory generally adopts the assumption that opportunities to create wealth already exist, and the task facing managers is how to best accomplish this. Entrepreneurship, on the other hand, focuses on the processes by which opportunities are formed.

This way of thinking about strategic entrepreneurship imagines a robust dialogue between the two fields, where questions that are important in strategy but difficult to answer given current theory—for example, where does resource heterogeneity come from?—can be addressed using concepts and ideas taken from entrepreneurship scholars, and vice versa.

#### **Practical implications**

SE has emerged over the last decade as a new focus in the intersection between the individualcentric and upstart-focused entrepreneurship field and the strategic management field with its traditional emphasis on established firms and firm-level performance variables. The defining characteristic of the field is a sustained attempt to link opportunity-seeking (i.e., opportunity discovery and evaluation) with advantage seeking; an endeavor that is related to work on dynamic capabilities, hypercompetition, and real options. Like these research streams, SE appears to have dropped strategic management's search for the conditions of sustainability of (any single) competitive advantage, and instead focused on the entrepreneurial pursuit of a string of temporary advantages, often encapsulated under the label of "wealth creation." SE research has identified a large set of variables that may drive such firm-level entrepreneurship, for example, borrowing (from strategic management) notions of "strategic intent" or (from entrepreneurship) "entrepreneurial orientation."

We have argued, however that SE is still mainly a rather loose amalgam of a number of insights from strategy and entrepreneurship. Whether it will morph into a distinct and cumulative research stream seems dependent on the development of clear(er) research models around which research can build, and also on gradually building a body of distinct SE empirical knowledge. The foregoing discussion offers what we think are important components of such a development. Is the emergence of SE a positive development? Some scholars have expressed concern that SE represents a takeover attempt by a more developed field (strategic management) against a less developed counterpart (entrepreneurship). We see things in a more positive light, as each field has much to learn from the other. Consistent with this, the modern manager would be advised to think carefully about entrepreneurial alertness, innovation, and judgment, even within the context of existing practices, products, and business units. Uncertainty and novelty are hardly the domain of a few industries or business practices, but are ubiquitous in an advanced industrial economy. Likewise, managers of new and small firms must consider the core questions of strategic positioning, organizational design, and contracting that are central to processes of creating and capturing economic value. The strategist needs the entrepreneur, and the entrepreneur needs the strategist.

#### **Suggestions for further reading**

- Ahuja, G., & Lampert, C. M. 2001. Entrepreneurship in the Large Corporation: a Longitudinal Study of how Established Firms Create Breakthrough Inventions. *Strategic Management Journal*, 22: 521-543.
- 2. Alvarez, S., & Barney, J. 2004. Organizing rent generation and appropriation: Toward a theory of the entrepreneurial firm. *Journal of Business Venturing*, 19(5): 621-635.

- 3. Baker, T. & Pollock, T.G. 2007. Making the marriage work: The benefits of strategy's takeover of entrepreneurship for strategic organization. *Strategic Organization*, 5: 297-312.
- Burgelman, R. A. 1983. Corporate Entrepreneurship and Strategic Management: Insights from a Process Study. *Management Science*, 29: 1349-1364.
- Foss, N. J., & Klein, P. G. 2012. Organizing Entrepreneurial Judgment. Cambridge: Cambridge University Press.
- Hitt, M. A., Ireland, R. D., Camp, S. M. & Sexton, D. L. 2002. *Strategic Entrepreneurship: Creating a New Mindset*. Oxford and Malden, MA: Blackwell.
- Ireland, R. D., Hitt, M. A., & Sirmon, D. G. 2003. A Model of Strategic Entrepreneurship: The Construct and its Dimensions. *Journal of Management*, 29: 963-989.
- Rumelt, R. P. 1987. Theory, strategy, and entrepreneurship. In D. Teece, (ed.). *The competitive Challenge*: 11-32. Cambridge, MA: Ballinger.

# SMG – Working Papers www.cbs.dk/smg

- **2003-1:** Nicolai J. Foss, Kenneth Husted, Snejina Michailova, and Torben Pedersen: Governing Knowledge Processes: Theoretical Foundations and Research Opportunities.
- **2003-2:** Yves Doz, Nicolai J. Foss, Stefanie Lenway, Marjorie Lyles, Silvia Massini, Thomas P. Murtha and Torben Pedersen: Future Frontiers in International Management Research: Innovation, Knowledge Creation, and Change in Multinational Companies.
- **2003-3:** Snejina Michailova and Kate Hutchings: The Impact of In-Groups and Out-Groups on Knowledge Sharing in Russia and China CKG Working Paper.
- **2003-4:** Nicolai J. Foss and Torben Pedersen: The MNC as a Knowledge Structure: The Roles of Knowledge Sources and Organizational Instruments in MNC Knowledge Management CKG Working Paper.
- **2003-5:** Kirsten Foss, Nicolai J. Foss and Xosé H. Vázquez-Vicente: "Tying the Manager's Hands": How Firms Can Make Credible Commitments That Make Opportunistic Managerial Intervention Less Likely CKG Working Paper.
- **2003-6:** Marjorie Lyles, Torben Pedersen and Bent Petersen: Knowledge Gaps: The Case of Knowledge about Foreign Entry.
- **2003-7:** Kirsten Foss and Nicolai J. Foss: The Limits to Designed Orders: Authority under "Distributed Knowledge" CKG Working Paper.
- **2003-8:** Jens Gammelgaard and Torben Pedersen: Internal versus External Knowledge Sourcing of Subsidiaries An Organizational Trade-Off.
- **2003-9:** Kate Hutchings and Snejina Michailova: Facilitating Knowledge Sharing in Russian and Chinese Subsidiaries: The Importance of Groups and Personal Networks Accepted for publication in *Journal of Knowledge Management*.
- **2003-10:** Volker Mahnke, Torben Pedersen and Markus Verzin: The Impact of Knowledge Management on MNC Subsidiary Performance: the Role of Absorptive Capacity CKG Working Paper.
- **2003-11:** Tomas Hellström and Kenneth Husted: Mapping Knowledge and Intellectual Capital in Academic Environments: A Focus Group Study Accepted for publication in *Journal of Intellectual Capital* CKG Working Paper.
- **2003-12:** Nicolai J Foss: Cognition and Motivation in the Theory of the Firm: Interaction or "Never the Twain Shall Meet"? Accepted for publication in *Journal des Economistes et des Etudes Humaines* CKG Working Paper.
- **2003-13:** Dana Minbaeva and Snejina Michailova: Knowledge Transfer and Expatriation Practices in MNCs: The Role of Disseminative Capacity.
- **2003-14:** Christian Vintergaard and Kenneth Husted: Enhancing Selective Capacity Through Venture Bases.

- **2004-1:** Nicolai J. Foss: Knowledge and Organization in the Theory of the Multinational Corporation: Some Foundational Issues
- 2004-2: Dana B. Minbaeva: HRM Practices and MNC Knowledge Transfer
- **2004-3:** Bo Bernhard Nielsen and Snejina Michailova: Toward a Phase-Model of Global Knowledge Management Systems in Multinational Corporations
- **2004-4:** Kirsten Foss & Nicolai J Foss: The Next Step in the Evolution of the RBV: Integration with Transaction Cost Economics
- **2004-5:** Teppo Felin & Nicolai J. Foss: Methodological Individualism and the Organizational Capabilities Approach
- **2004-6:** Jens Gammelgaard, Kenneth Husted, Snejina Michailova: Knowledge-sharing Behavior and Post-acquisition Integration Failure
- 2004-7: Jens Gammelgaard: Multinational Exploration of Acquired R&D Activities
- **2004-8:** Christoph Dörrenbächer & Jens Gammelgaard: Subsidiary Upgrading? Strategic Inertia in the Development of German-owned Subsidiaries in Hungary
- **2004-9:** Kirsten Foss & Nicolai J. Foss: Resources and Transaction Costs: How the Economics of Property Rights Furthers the Resource-based View
- **2004-10:** Jens Gammelgaard & Thomas Ritter: The Knowledge Retrieval Matrix: Codification and Personification as Separate Strategies
- **2004-11:** Nicolai J. Foss & Peter G. Klein: Entrepreneurship and the Economic Theory of the Firm: Any Gains from Trade?
- **2004-12:** Akshey Gupta & Snejina Michailova: Knowledge Sharing in Knowledge-Intensive Firms: Opportunities and Limitations of Knowledge Codification
- **2004-13:** Snejina Michailova & Kate Hutchings: Knowledge Sharing and National Culture: A Comparison Between China and Russia

- **2005-1:** Keld Laursen & Ammon Salter: My Precious The Role of Appropriability Strategies in Shaping Innovative Performance
- **2005-2:** Nicolai J. Foss & Peter G. Klein: The Theory of the Firm and Its Critics: A Stocktaking and Assessment
- **2005-3:** Lars Bo Jeppesen & Lars Frederiksen: Why Firm-Established User Communities Work for Innovation: The Personal Attributes of Innovative Users in the Case of Computer-Controlled Music
- **2005-4:** Dana B. Minbaeva: Negative Impact of HRM Complementarity on Knowledge Transfer in MNCs
- 2005-5: Kirsten Foss, Nicolai J. Foss, Peter G. Klein & Sandra K. Klein: Austrian Capital

Theory and the Link Between Entrepreneurship and the Theory of the Firm

- 2005-1: Nicolai J. Foss: The Knowledge Governance Approach
- **2005-2:** Torben J. Andersen: Capital Structure, Environmental Dynamism, Innovation Strategy, and Strategic Risk Management
- **2005-3:** Torben J. Andersen: A Strategic Risk Management Framework for Multinational Enterprise
- **2005-4:** Peter Holdt Christensen: Facilitating Knowledge Sharing: A Conceptual Framework
- 2005-5 Kirsten Foss & Nicolai J. Foss: Hands Off! How Organizational Design Can Make Delegation Credible
- **2005-6** Marjorie A. Lyles, Torben Pedersen & Bent Petersen: Closing the Knowledge Gap in Foreign Markets A Learning Perspective
- **2005-7** Christian Geisler Asmussen, Torben Pedersen & Bent Petersen: How do we Capture "Global Specialization" when Measuring Firms' Degree of internationalization?
- **2005-8** Kirsten Foss & Nicolai J. Foss: Simon on Problem-Solving: Implications for New Organizational Forms
- **2005-9** Birgitte Grøgaard, Carmine Gioia & Gabriel R.G. Benito: An Empirical Investigation of the Role of Industry Factors in the Internationalization Patterns of Firms
- **2005-10** Torben J. Andersen: The Performance and Risk Management Implications of Multinationality: An Industry Perspective
- **2005-11** Nicolai J. Foss: The Scientific Progress in Strategic Management: The case of the Resource-based view
- **2005-12** Koen H. Heimeriks: Alliance Capability as a Mediator Between Experience and Alliance Performance: An Empirical Investigation Into the Alliance Capability Development Process
- 2005-13 Koen H. Heimeriks, Geert Duysters & Wim Vanhaverbeke: Developing Alliance Capabilities: An Empirical Study
- 2005-14 JC Spender: Management, Rational or Creative? A Knowledge-Based Discussion

- 2006-1: Nicolai J. Foss & Peter G. Klein: The Emergence of the Modern Theory of the Firm
- **2006-2:** Teppo Felin & Nicolai J. Foss: Individuals and Organizations: Thoughts on a Micro-Foundations Project for Strategic Management and Organizational Analysis
- 2006-3: Volker Mahnke, Torben Pedersen & Markus Venzin: Does Knowledge Sharing

Pay	? An MNC Subsidiary	v Pers	pective on	Knowledg	e Outflows

**2006-4:** Torben Pedersen: Determining Factors of Subsidiary Development

2006-5	Ibuki Ishikawa: The Source of Competitive Advantage and Entrepreneurial
	Judgment in the RBV: Insights from the Austrian School Perspective

- **2006-6** Nicolai J. Foss & Ibuki Ishikawa: Towards a Dynamic Resource-Based View: Insights from Austrian Capital and Entrepreneurship Theory
- **2006-7** Kirsten Foss & Nicolai J. Foss: Entrepreneurship, Transaction Costs, and Resource Attributes
- **2006-8** Kirsten Foss, Nicolai J. Foss & Peter G. Klein: Original and Derived Judgement: An Entrepreneurial Theory of Economic Organization
- **2006-9** Mia Reinholt: No More Polarization, Please! Towards a More Nuanced Perspective on Motivation in Organizations
- **2006-10** Angelika Lindstrand, Sara Melen & Emilia Rovira: Turning social capital into business? A study of Swedish biotech firms' international expansion
- **2006-11** Christian Geisler Asmussen, Torben Pedersen & Charles Dhanaraj: Evolution of Subsidiary Competences: Extending the Diamond Network Model
- **2006-12** John Holt, William R. Purcell, Sidney J. Gray & Torben Pedersen: Decision Factors Influencing MNEs Regional Headquarters Location Selection Strategies
- **2006-13** Peter Maskell, Torben Pedersen, Bent Petersen & Jens Dick-Nielsen: Learning Paths to Offshore Outsourcing From Cost Reduction to Knowledge Seeking
- **2006-14** Christian Geisler Asmussen: Local, Regional or Global? Quantifying MNC Geographic Scope
- **2006-15** Christian Bjørnskov & Nicolai J. Foss: Economic Freedom and Entrepreneurial Activity: Some Cross-Country Evidence
- **2006-16** Nicolai J. Foss & Giampaolo Garzarelli: Institutions as Knowledge Capital: Ludwig M. Lachmann's Interpretative Institutionalism
- 2006-17 Koen H. Heimriks & Jeffrey J. Reuer: How to Build Alliance Capabilities
- **2006-18** Nicolai J. Foss, Peter G. Klein, Yasemin Y. Kor & Joseph T. Mahoney: Entrepreneurship, Subjectivism, and the Resource – Based View: Towards a New Synthesis
- **2006-19** Steven Globerman & Bo B. Nielsen: Equity Versus Non-Equity International Strategic Alliances: The Role of Host Country Governance

## 2007

**2007-1** Peter Abell, Teppo Felin & Nicolai J. Foss: Building Micro-Foundations for the Routines, Capabilities, and Performance Links

- 2007-2 Michael W. Hansen, Torben Pedersen & Bent Petersen: MNC Strategies and Linkage Effects in Developing Countries
- **2007-3** Niron Hashai, Christian G. Asmussen, Gabriel R.G. Benito & Bent Petersen: Predicting the Diversity of Foreign Entry Modes
- 2007-4 Peter D. Ørberg Jensen & Torben Pedersen: Whether and What to Offshore?
- **2007-5** Ram Mudambi & Torben Pedersen: Agency Theory and Resource Dependency Theory: Complementary Explanations for Subsidiary Power in Multinational Corporations
- 2007-6 Nicolai J. Foss: Strategic Belief Management
- **2007-7** Nicolai J. Foss: Theory of Science Perspectives on Strategic Management Research: Debates and a Novel View
- 2007-8 Dana B. Minbaeva: HRM Practices and Knowledge Transfer in MNCs
- **2007-9** Nicolai J. Foss: Knowledge Governance in a Dynamic Global Context: The Center for Strategic Management and Globalization at the Copenhagen Business School
- **2007-10** Paola Gritti & Nicolai J. Foss: Customer Satisfaction and Competencies: An Econometric Study of an Italian Bank
- 2007-11 Nicolai J. Foss & Peter G. Klein: Organizational Governance
- **2007-12** Torben Juul Andersen & Bo Bernhard Nielsen: The Effective Ambidextrous Organization: A Model of Integrative Strategy Making Processes.

- **2008-1** Kirsten Foss & Nicolai J. Foss: Managerial Authority When Knowledge is Distributed: A Knowledge Governance Perspective
- **2008-2** Nicolai J. Foss: Human Capital and Transaction Cost Economics.
- **2008-3** Nicolai J. Foss & Peter G. Klein: Entrepreneurship and Heterogeneous Capital.
- **2008-4** Nicolai J. Foss & Peter G. Klein: The Need for an Entrepreneurial Theory of the Firm.
- **2008-5** Nicolai J. Foss & Peter G. Klein: Entrepreneurship: From Opportunity Discovery to Judgment.
- **2008-6** Mie Harder: How do Rewards and Management Styles Influence the Motivation to Share Knowledge?
- **2008-7** Bent Petersen, Lawrence S. Welch & Gabriel R.G. Benito: Managing the Internalisation Process A Theoretical Perspective.
- **2008-8** Torben Juul Andersen: Multinational Performance and Risk Management Effects: Capital Structure Contingencies.

- **2008-9** Bo Bernard Nielsen: Strategic Fit and the Role of Contractual and Procedural Governance in Alliances: A Dynamic Perspective.
- **2008-10** Line Gry Knudsen & Bo Bernhard Nielsen: Collaborative Capability in R&D Alliances: Exploring the Link between Organizational and Individual level Factors.
- **2008-11** Torben Juul Andersen & Mahesh P. Joshi: Strategic Orientations of Internationalizing Firms: A Comparative Analysis of Firms Operating in Technology Intensive and Common Goods Industries.
- **2008-12** Dana Minbaeva: HRM Practices Affecting Extrinsic and Intrinsic Motivation of Knowledge Receivers and their Effect on Intra-MNC Knowledge Transfer.
- **2008-13** Steen E. Navrbjerg & Dana Minbaeva: HRM and IR in Multinational Corporations: Uneasy Bedfellows?
- **2008-14** Kirsten Foss & Nicolai J. Foss: Hayekian Knowledge Problems in Organizational Theory.
- **2008-15** Torben Juul Andersen: Multinational Performance Relationships and Industry Context.
- **2008-16** Larissa Rabbiosi: The Impact of Subsidiary Autonomy on MNE Knowledge Transfer: Resolving the Debate.
- **2008-17** Line Gry Knudsen & Bo Bernhard Nielsen: Organizational and Individual Level Antecedents of Procedural Governance in Knowledge Sharing Alliances.
- **2008-18** Kirsten Foss & Nicolai J. Foss: Understanding Opportunity Discovery and Sustainable Advantage: The Role of Transaction Costs and Property Rights.
- **2008-19** Teppo Felin & Nicolai J. Foss: Social Reality, The Boundaries of Self-fulfilling Prophecy, and Economics.
- **2008-20** Yves Dos, Nicolai J. Foss & José Santos: A Knowledge System Approach to the Multinational Company: Conceptual Grounding and Implications for Research
- 2008-21 Sabina Nielsen & Bo Bernhard Nielsen: Why do Firms Employ foreigners on Their Top Management Teams? A Multi-Level Exploration of Individual and Firm Level Antecedents
- 2008-22 Nicolai J. Foss: Review of Anders Christian Hansen's "Uden for hovedstrømmen – Alternative strømninger i økonomisk teori"
- 2008-23 Nicolai J. Foss: Knowledge, Economic Organization, and Property Rights
- **2008-24** Sjoerd Beugelsdijk, Torben Pedersen & Bent Petersen: Is There a Trend Towards Global Value Chain Specialization? – An Examination of Cross Border Sales of US Foreign Affiliates

- **2008-25** Vikas Kumar, Torben Pedersen & Alessandro Zattoni: The performance of business group firms during institutional transition: A longtitudinal study of Indian firms
- **2008-26** Sabina Nielsen & Bo B. Nielsen: The effects of TMT and Board Nationality Diversity and Compensation on Firm Performance
- **2008-27** Bo B. Nielsen & Sabina Nielsen: International Diversification Strategy and Firm Performance: A Multi-Level Analysis of Firm and Home Country Effects

- **2009-1** Nicolai J. Foss: Alternative Research Strategies in the Knowledge Movement: From Macro Bias to Micro-Foundations and Multi-Level Explanation
- **2009-2** Nicolai J. Foss & Peter G. Klein: Entrepreneurial Alertness and Opportunity Discovery: Origins, Attributes, Critique
- **2009-3** Nicolai J. Foss & Dana B. Minbaeva: Governing Knowledge: The Strategic Human Resource Management Dimension
- **2009-4** Nils Stieglitz & Nicolai J. Foss: Opportunities and New Business Models: Transaction Cost and Property Rights Perspectives on Entrepreneurships
- 2009-5 Torben Pedersen: Vestas Wind Systems A/S: Exploiting Global R&D Synergies
- **2009-6** Rajshree Agarwal, Jay B. Barney, Nicolai J. Foss & Peter G. Klein: Heterogeneous Resources and the Financial Crisis: Implications of Strategic Management Theory
- 2009-7 Jasper J. Hotho: A Measure of Comparative Institutional Distance
- **2009-8** Bo B. Nielsen & Sabina Nielsen: The Impact of Top Management Team Nationality Diversity and International Experience on Foreign Entry Mode
- **2009-9** Teppo Felin & Nicolai Juul Foss: Experience and Repetition as Antecedents of Organizational Routines and Capabilities: A Critique of Behaviorist and Empiricist Approaches
- **2009-10** Henk W. Volberda, Nicolai J. Foss & Marjorie E. Lyles: Absorbing the Concept of Absorptive Capacity: How To Realize Its Potential in the Organization Field
- 2009-11 Jan Stentoft Arlbjørn, Brian Vejrum Wæhrens, John Johansen & Torben Pedersen: Produktion i Danmark eller offshoring/outsourcing: Ledelsesmæssige udfordringer
- 2009-12 Torben Pedersen: The 30 Largest Firms in Denmark

- **2010-1** Dana B. Minbaeva, Kristiina Mäkelä & Larissa Rabbiosi: Explaining Intraorganizational Knowledge Transfer at the Individual Level
- **2010-2** Dana B.Minbaeva & Torben Pedersen: Governing Individual Knowledge Sharing Behavior
- **2010-3** Nicolai J. Foss & Peter G. Klein: Alertness, Judgment, and the Antecedents of Entrepreneurship
- 2010-4 Nicolai J.Foss & Joseph T.Mahoney: Exploring Knowledge Governance
- **2010-5** Jasper J. Hotho, Florian Becker-Ritterspach & Ayse Saka-Helmhout: Enriching Absorptive Capacity Through Social Interaction
- **2010-6** Nicolai J. Foss & Bo B. Nielsen: Researching Collaborative Advantage: Some Conceptual and Multi-level Issues
- **2010-7** Nicolai J. Foss & Nils Stieglitz: Modern Resource-Based Theory(ies)
- **2010-8** Christian Bjørnskov & Nicolai J. Foss: Do Economic Freedom and Entrepreneurship Impact Total Factor Productivity?
- **2010-9** Gabriel R.G. Benito, Bent Petersen & Lawrence S. Welch: Mode Combinations and International Operations: Theoretical Issues and an Empirical Investigation

- **2011-1** Peter D. Ørberg Jensen & Bent Petersen: Human Asset Internalization and Global Sourcing of Services A Strategic Management Analysis on Activity-level
- **2011-2** Mie Harder: Management Innovation Capabilities: A Typology and Propositions for Management Innovation Research
- **2011-3** Mie Harder: Internal Antecedents of Management Innovation: The effect of diagnostic capability and implementation capability

- **2011-4** Mie Harder: Explaining Management Innovation Pervasiveness: The Role of Internal Antecedents
- **2011-5** Mie Harder: Internal Determinants of Product Innovation and Management Innovation: The Effect of Diagnostic Capability and Implementation Capability
- **2011-6** Nicolai J. Foss, Peter G. Klein & Per L. Bylund: Entrepreneurship and the Economics of the Firm
- **2011-7** Nicolai J. Foss & Jacob Lyngsie: The Emerging Strategic Entrepreneurship Field: Origins, Key Tenets and Research Gaps
- **2011-8** Nicolai J. Foss: Entrepreneurship in the Context of the Resource-based View of the Firm
- **2011-9** Bent Petersen, Gabriel R.G. Benito, Olesya Dovgan & Lawrence Welch: Offshore outsourcing: A dynamic, operation mode perspective
- **2011-10** Bent Petersen, Gabriel R. G. Benito & Lawrence Welch: Dynamics of Foreign Operation Modes and their Combinations: Insights for International Strategic Management
- 2011-11 Nicolai J. Foss: Teams, Team Motivation, and the Theory of the Firm
- 2011-12 Nicolai J. Foss: Knowledge Governance: Meaning, Nature, Origins, and Implications
- **2011-13** Nicolai J. Foss, Kirsten Foss & Phillip C. Nell: MNC Organizational Form and Subsidiary Motivation Problems: Controlling Intervention Hazards in the Network MNC
- 2011-14 Kåre Moberg: Evaluating Content Dimensions in Entrepreneurship Education

**2012-1** Nicolai J. Foss, Nicholas Argyres, Teppo Felin & Todd Zenger: The Organizational Economics of Organizational Capability and Heterogeneity: A Research Agenda

- **2012-2** Torben J. Andersen, Carina Antonia Hallin & Sigbjørn Tveterås: A Prediction Contest: The Sensing of Frontline Employees Against Executive Expectations
- 2012-3 Peter G. Klein, Jay B. Barney & Nicolai J. Foss: Strategic Entrepreneurship

2012-4

2012-5