Sabina Jeschke · Ingrid Isenhardt · Frank Hees · Sven Trantow Editors

ź

Enabling Innovation

Innovative Capability - German and International Views





Innovative Capability – an Introduction to this Volume
Sven Trantow, Frank Hees, Sabina Jeschke
Part 1 – Management of Uncertainty – Key to Innovation
Management of Uncertainty – A Blind Spot in the Promotion of Innovations
Fritz Böhle
Commentary
Management of Uncertainty – A Contradiction in Itself?
Petra Dassen-Housen
Beyond Planning and Control. Alternative Approaches to the Management of Industrial Research and Development
Harald Wolf
Commentary
The Role of Psychological Contract in Supporting Innovation Activity47
Elise Ramstad
New Forms of Project Organization and Project Management –
Dynamic and Open
Sibylle Peters
Commentary
Managing in Complexity65
Harold Jarche

.

Innovation and Learning – For a Future of Lifelong Learning69 <i>Johannes Sauer</i>
Commentary Innovation, Continuing Education and Lifelong Learning81 Stephen Downes
Uncertainty in Institutional Change. Individual Resources as Potential 85 <i>Martin Elbe</i>
Commentary Finding Common Ground for Innovation97 Michael Brannick
Part 2 – Developing Skills, Work Systems, Work Processes – an Innovative Challenge
What's Going On Out There? – Designing Work Systems for Learning in Real Life
Commentary Learning in Real Life
Lauge Baungaard Rasmussen Job Learning in the Hands of New Actors – Challenges for the Innovative Capability of Companies
Yvonne Salazar and Sibylle Peters
Commentary Computer-based, Individual Learning at Work: Developments and Trends133
Anna Maria Köck and Klaus Tochtermann

Contents

Integrating Innovation, Work, and Learning in Higher Education – The Case of Work Based Learning Frameworks
Barbara Light and Ernst Hartmann
Commentary
Challenges and Perspectives concerning the Integration of Vocational Learning into Higher Education161
Rita Meyer
New Forms of Work Organization and the <i>High Road</i> to Innovation: European Experiences165
Peter Totterdill
Commentary
Innovations Require Conducive Institutions179
Peter Brödner
A Human-Centered Design for Work Places: Opportunities and Constraints
Francesco Garibaldo
Commentary
Employee Participation as a Source of Innovation197
Rainer Greca
Part 3 – Innovative Capability and Change of Work
Social Innovation – Social Challenges and Future Research Fields
Jürgen Howaldt and Michael Schwarz
Commentary
The Long Road from Awareness to Systematic Research and Funding of Social Innovations225
Josef Hochgerner

Innovation and the Subjective Conditions for Innovative Capability233
`Matthias Trier
Commentary
Workplace Innovation and New Industrial Relations
Frank Pot and Ton de Korte
Innovative Capability and Productivity: What has Demographic Change to do with it?
Tarja Tikkanen
Commentary
Do Demographic Changes also Affect Our Views of Work?
Edith Perlebach
Encouraging Innovations in Research and Practice: The Labor Process and Innovation271 <i>Frank Emspak</i>
Commentary
Economic Democracy as a Driver of Innovation
Ulrich Busch
Fostering Innovative Capability in Germany – The Role of Interdisciplinary Research Networks
Claudia Jooß, Florian Welter, Anja Richert and Sabina Jeschke
Commentary
Foster Innovative Capabilities by Strengthening European Dimensions of Research Networks
Werner Wobbe

こうとうしていたいでいたいというないのであるとしていたないない

<

Part 4 – Intellectual Capital – Human Potential as Factor of Innovation
Knowledge 2010 – Intellectual Capital as Driver of Wealth
Commentary Some Key Quizzics for the Future Intellectual Capital
Measuring Intellectual Capital
Commentary What Cannot Be Measured Can Nevertheless Be Managed349 <i>Günter Koch</i>
Corporate Innovative Capability between the Forces of Typical Dilemmas – Conceptual Challenges for Knowledge and Intellectual Capital Management
Commentary On the Way to a Renewed IC-Agenda
Learning by Playing: Potential of Serious Games to Increase Intellectual Capital
Commentary Serious Rigor for Serious Games

1

Future Center – An Unconventional Approach to Promote Intellectual Capital Potential
Günther M. Szogs
Commentary
Facilitating the Future407
Hank Kune
Part 5 – Findings from the German R&D Program "Working – Learning – Developing Skills. Potential for Innovation in a Modern Working Environment"
Innovative Capability – Learning Capability – Transfer Capability. Promoting Innovation systematically417
Max Haarich, Sylvia Sparschuh, Claudio Zettel, Sven Trantow, Frank Hees
Occupational Safety and Health as an Innovation Driver435
Ingo Leisten, Ursula Bach and Frank Hees
Innovative Capability as a Management Requirement – Which Organizational Strategies Can Promote Innovation Processes?451
Heike Jacobsen, Arno Georg and Milena Jostmeier
IT-based Interactive Research – on the Use of Social Software in Research463
Uta Renken, Angelika C. Bullinger
Authors

· ·