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**Article**

## Strategic Foresight Capability and its Impact on Firm Performance: A systematic, AI-based Literature Review

Junior Management Science (JUMS)

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## **Online-Appendix zu**

# „Strategic Foresight Capability and its Impact on Firm Performance: A systematic, AI-based Literature Review”

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## Appendix

### Appendix A: Sample of Identified Articles

ID	Researcher/s	Year	Article	Journal
A1	Godet, M.	2000	The Art of Scenarios and Strategic Planning: Tools and Pitfalls	Technological Forecasting and Social Change
A2	Major, E. J., & Cordey-Hayes, M.	2000	Engaging the business support network to give SMEs the benefit of foresight	Technovation
A3	Dickson, P.R., Farris, P.W. & Verbeke, W. J.M.I.	2001	Dynamic Strategic Thinking	Journal of the Academy of Marketing Science
A4	Major, E., Asch, D., & Cordey-Hayes, M.	2001	Foresight as a core competence	Futures
A5	van der Meulen, B., & Lohnberg, A.	2001	The use of foresight: institutional constraints and conditions	International Journal of Technology Management
A6	Savioz, P., & Blum, M.	2002	Strategic forecast tool for SMEs: how the opportunity landscape interacts with business strategy to anticipate technological trends	Technovation
A7	Cuhls, K.	2003	From Forecasting to Foresight Processes – New Participative Foresight Activities in Germany.	Journal of Forecasting
A8	Voros, J.	2003	A generic foresight process framework	Foresight
A9	Burt, G. & van der Heijden, K.	2004	First steps: towards purposeful activities in scenario thinking and future studies.	Futures
A10	Chermack, T.J.	2004	Improving decision-making with scenario planning.	Futures
A11	Costanzo, L.	2004	Strategic foresight in a high-speed environment.	Futures
A12	MacKay, R. B., & McKiernan, P.	2004	The role of hindsight in foresight: refining strategic reasoning	Futures
A13	Mendonça, S., Cunha, M. P., Kaivo-oja, J., & Ruff, F.	2004	Wild cards, weak signals and organisational improvisation	Futures
A14	Reid, D. M. & Zyglidopoulos, S. C.	2004	Causes and consequences of the lack of strategic foresight in the decisions of multinational enterprises to enter China	Futures
A15	Tsoukas, H., & Shepherd, J.	2004	Coping with the future: Developing organizational foresightfulness	Futures
A16	Ahuja, G., Coff, R. W., & Lee, P. M.	2005	Managerial foresight and attempted rent appropriation: Insider trading on knowledge of imminent breakthroughs	Strategic Management Journal
A17	Bradfield, R., Wright, G., Burt, G., Cairns, K. & van Der Heijden, K.	2005	The origins and evolution of scenario techniques in long range business planning.	Futures
A18	Fink, A., Marr, B., Siebe, A. & Kuhle, J-P.	2005	The future scorecard: combining external and internal scenarios to create strategic foresight	Management Decisions
A19	Loveridge, D., & Street, P.	2005	Inclusive foresight	Foresight
A20	Wright, A.	2005	The role of scenarios as prospective sensemaking devices	Management Decisions
A21	Andriopoulos, C. & Gotsi, M.	2006	Probing the future: Mobilising foresight in multiple-product innovation firms.	Futures
A22	Cattani, G.	2006	Technological pre-adaption, speciation, and emergence of new technologies: how Corning invented and developed fiber optics	Industrial and Corporate Change

A23	Ilmola, L., & Kuusi, O.	2006	Filters of weak signals hinder foresight: Monitoring weak signals efficiently in corporate decision-making	Futures
A24	Pina e Cunha, M., Palma, P. & da Costa, N.G.	2006	Fear of foresight: Knowledge and ignorance in organizational foresight	Futures
A25	Ruff, F.	2006	Corporate foresight: Integrating the future business environment into innovation and strategy	International Journal of Technology Management
A26	Pina e Cunha, M. & Chia, R.	2007	Using Teams to Avoid Peripheral Blindness	Long Range Planning
A27	Un, S., & Price, N.	2007	Bridging the gap between technological possibilities and people: Involving people in the early phases of technology development	Technological Forecasting and Social Change
A28	Amsteus, M.	2008	Managerial foresight: Concept and measurement	Foresight
A29	Daheim, C. & Uerz, C.	2008	Corporate foresight in Europe: from trend based logics to open foresight	Technology Analysis & Strategic Management
A30	Floyd, J.	2008	Towards an integral renewal of systems methodology for futures studies	Futures
A31	Rollwagen, I., Hofmann, J., & Schneider, S.	2008	Improving the business impact of foresight	Technology Analysis & Strategic Management
A32	Slaughter, R.	2008	Reflections on 40 years of futures studies and Futures	Futures
A33	van der Laan, L.	2008	The Imperative of Strategic Foresight to Strategic Thinking	Journal of Futures Studies
A34	Wright, G., van der Heijden, K., Burt, G., Bradfield, R. & Cairns, G.	2008	Scenario planning interventions in organizations: an analysis of the causes of success and failure	Futures
A35	Clemens, R.	2009	Environmental scanning and scenario planning: A 12 month perspective on applying the viable systems model to developing public sector foresight	Systemic Practice and Action Research
A36	Grim, T.	2009	Foresight maturity model (FMM): Achieving best practices in the foresight field	Journal of Futures Studies
A37	Mendonça, S., & Sapio, B.	2009	Managing foresight in changing organisational settings: introducing new perspectives and practices	Technology Analysis & Strategic Management
A38	Mendoza, S., Cunha, M., Ruff, F., Kaivo-oja, J.	2009	Venturing into the Wilderness: Preparing for Wild Cards in the Civil Aircraft and Asset-Management	Long Range Planning
A39	Mietzner, D. & Reger, G.	2009	Practices of strategic foresight in biotech companies	International Journal of Innovation Management
A40	Nugroho, Y., & Saritas, O.	2009	Incorporating network perspectives in foresight: A methodological proposal	Foresight
A41	Schwarz, J. O.	2009	Business wargaming: developing foresight within a strategic simulation	Technology Analysis & Strategic Management
A42	Störmer, E., Truffer, B., Dominguez, D., Gujer, W., Herlyn, A., Hiessl, H., Kastenholz, H., Klinke, A., Markard, J., Maurer, M., & Ruef, A.	2009	The exploratory analysis of trade-offs in strategic planning: Lessons from Regional Infrastructure Foresight	Technological Forecasting and Social Change
A43	Treyer, S.	2009	Changing perspectives on foresight and strategy: from foresight project management to the management of change in collective strategic elaboration processes	Technology Analysis & Strategic Management
A44	van der Duin, P. A., & den Hartigh, E.	2009	Keeping the balance: Exploring the link of futures research with innovation and strategy processes	Technology Analysis & Strategic Management
A45	Bezold, C.	2010	Lessons from using scenarios for strategic foresight	Technological Forecasting and Social Change
A46	Bootz, J.-P.	2010	Strategic foresight and organizational learning: A survey and critical analysis	Technological Forecasting and Social Change

A47	Calof, J. & Smith, J.	2010	The integrative domain of foresight and competitive intelligence and its impact on R&D Management.	R&D Management
A48	Coates, J. F.	2010	The future of foresight - A US perspective	Technological Forecasting and Social Change
A49	Liebl, F., & Schwarz, J. O.	2010	Normality of the future: Trend diagnosis for strategic foresight	Futures
A50	Malgeri, J.	2010	Organizational Foresight and Stewardship	Public Manager
A51	Martin, B. R.	2010	The origins of the concept of “foresight” in science and technology: An insider’s perspective	Technological Forecasting and Social Change
A52	Martinet, A.-C.	2010	Strategic planning, strategic management, strategic foresight: The seminal work of H. Igor Ansoff	Technological Forecasting and Social Change
A53	Micic, P.	2010	Future Markets-Radar: A case study of applied strategic foresight	Technological Forecasting and Social Change
A54	Mojica, F. J.	2010	The future of the future: Strategic foresight in Latin America	Technological Forecasting and Social Change
A55	Nazarko, J.	2010	Foresight in Strategic Management	Foresight in Strategic Management
A56	Nováky, E., & Tyukodi, G.	2010	The responsibility of futurists in strategic foresight — Hungarian examples	Technological Forecasting and Social Change
A57	Rasmussen, B., Andersen, P. D. & Borch, K.	2010	Managing Transdisciplinarity in Strategic Foresight	Creativity & Innovation Management
A58	Ringland, G.	2010	The role of scenarios in strategic foresight	Technological Forecasting and Social Change
A59	Rohrbeck, R.	2010	Harnessing a network of experts for competitive advantage: Technology scouting in the ICT industry	R&D Management
A60	Tevis, R.E.	2010	Creating the future: Goal-oriented Scenario Planning	Futures
A61	Vecchiato, R., & Roveda, C.	2010	Strategic foresight in corporate organizations: Handling the effect and response uncertainty of technology and social drivers of change	Technological Forecasting and Social Change
A62	Vecchiato, R., & Roveda, C.	2010	Foresight in corporate organisations	Technology Analysis & Strategic Management
A63	von der Gracht, H., Vennemann, C. R., & Darkow, I-L.	2010	Corporate Foresight and Innovation Management: A Portfolio approach in evaluating Organisational Development	Futures
A64	Battistella, C., & de Toni, A. F.	2011	A methodology of technological foresight: A proposal and field study	Technological Forecasting and Social Change
A65	Engau, C., Hoffmann, V.H. & Busch, T.	2011	Airlines' Flexibility in Facing Regulatory Uncertainty: To anticipate or adapt	California Management Review
A66	Fidler, D.	2011	Foresight defined as a component of Strategic Management	Futures
A67	Nowack, M., Endrikat, J. & Guenther, E.	2011	Review of Delphi-based scenario studies: Quality and Design considerations	Technological Forecasting and Social Change
A68	Ramírez, R., Roodhart, L. & Manders, W.	2011	How Shell's Domains Link Innovation and Strategy	Long Range Planning
A69	Rohrbeck, R. & Gemünden, H.G.	2011	Corporate foresight: Its three roles in enhancing the innovation capacity of a firm	Technological Forecasting and Social Change
A70	Sarpong, D. & Maclean, M.	2011	Scenario thinking: A practice-based approach for the identification of opportunities for innovation	Futures
A71	Coelho, G.M., Galvao, A.C.F., Guedes, A.C., Cameiro, I. A., Chauke, C.N. & Filho, L.F.	2012	Strategic Foresight applied to the management plan of an innovation development agency.	Technology Analysis & Strategic Management

A72	Farrington, T., Henson, K., & Crews, C.	2012	Research Foresights: The Use of Strategic Foresight Methods for Ideation and Portfolio Management	Research Technology Management
A73	Heger, T. & Rohrbeck, R.	2012	Strategic foresight for collaborative exploration of new business fields	Technological Forecasting and Social Change
A74	Ramírez, R., Österman, R. & Grönquist, D.	2012	Scenarios and early warnings as dynamic capabilities to frame managerial attention	Technological Forecasting and Social Change
A75	Rohrbeck, R.	2012	Exploring value creation from corporate-foresight activities	Futures
A76	Saritas, O., & Nugroho, Y.	2012	Mapping issues and envisaging futures: An evolutionary scenario approach	Technological Forecasting and Social Change
A77	Tapinos, E.	2012	Perceived Environmental Uncertainty in scenario planning	Futures
A78	van der Laan, L., & Erwee, R.	2012	Foresight styles assessment: A valid and reliable measure of dimensions of foresight competence?	Foresight
A79	van der Steen, M., & van Twist, M.	2012	Beyond use: Evaluating foresight that fits	Futures
A80	Vecchiato, R.	2012	Environmental uncertainty, foresight and strategic decision-making: An integrated study	Technological Forecasting and Social Change
A81	Vecchiato, R.	2012	Strategic Foresight: matching environmental uncertainty	Technology Analysis & Strategic Management
A82	Bowman, G., MacKay, R.B., Masrani, S. & McKiernan, P.	2013	Storytelling and the scenario process: Understanding success and failure.	Technological Forecasting and Social Change
A83	De Smedt, P., Borch, K. & Fuller, T.	2013	Future scenarios to inspire innovation	Technological Forecasting and Social Change
A84	Hung, C-Y, Lee, W-Y & Wang, D-S.	2013	Strategic foresight using a modified Delphi with end-user participation: A case study of the iPad's impact on Taiwan's PC ecosystem	Technological Forecasting and Social Change
A85	Kerr, C., Farrukh, C., Phaal, R. & Probert, D.	2013	Key principles for developing industrially relevant strategic technology management toolkits	Technological Forecasting and Social Change
A86	O'Brien, F.A. & Meadows, M.	2013	Scenario orientation and use to support strategy development	Technological Forecasting and Social Change
A87	Rohrbeck, R. & Schwarz, J.O.	2013	The value contribution of strategic foresight: Insights from an empirical study of large European companies	Technological Forecasting and Social Change
A88	Routley, M., Phaal, R., Athanassopoulou, N. & Probert, D.	2013	Mapping Experiences in organizations: A learning process for strategic technology planning	Engineering Management Journal
A89	Said, W.B. & Hellara, S.	2013	Prospects for the Application of Strategic Foresight in the Tunisian Context: The Case of Industrial Companies	International Journal of Business & Management
A90	Sarpong, D., Maclean, M. & Alexander, E.	2013	Organizing strategic foresight: A contextual practice of 'way finding'	Futures
A91	Sarpong, D., Maclean, M. & Davies, C.	2013	A matter of foresight: How practices enable (or impede) organizational foresightfulness	European Management Journal
A92	Shah, A.N., Palacios, M. & Ruiz, F.	2013	Strategic rigidity and foresight for technology adoption among electric utilities	Energy Policy
A93	Tapinos, E.	2013	Scenario planning at business unit level	Futures
A94	von der Gracht, H. A., & Stillings, C.	2013	An innovation-focused scenario process — A case from the materials producing industry	Technological Forecasting and Social Change
A95	Wright, G., Bradfield, R. & Cairns, G.	2013	Does the intuitive logics method - and its recent enhancements - produce "effective" scenarios	Technological Forecasting and Social Change
A96	Wright, G., Cairns, G., & Bradfield, R.	2013	Scenario methodology: New developments in theory and practice: Introduction to the Special Issue	Technological Forecasting and Social Change

A97	Battistella, C.	2014	The organisation of Corporate Foresight: A multi-case study in the telecommunication industry.	Technological Forecasting and Social Change
A98	Bleoju, G.	2014	Toward Vision Oriented Organization through Foresight Capability Development	Economics and Applied Informatics
A99	Cook, C. N., Inayatullah, S., Burgman, M. A., Sutherland, W. J., & Wintle, B. A.	2014	Strategic foresight: how planning for the unpredictable can improve environmental decision-making	Trends in Ecology & Evolution
A100	Förster, B., & von der Gracht, H.	2014	Assessing Delphi panel composition for strategic foresight — A comparison of panels based on company-internal and external participants	Technological Forecasting and Social Change
A101	Luzinski, C.	2014	Identifying Leadership Competencies of the Future: Introducing the Use of Strategic Foresight	Nurse Leader
A102	Paliokaitė, A., Pačesa, N., & Sarpong, D.	2014	Conceptualizing Strategic Foresight: An Integrated Framework: Conceptualizing Strategic Foresight	Strategic Change
A103	Sarpong, D. & Maclean, M.	2014	Unpacking strategic foresight: A practice approach	Scandinavian Journal of Management
A104	van der Duin, P., Heger, T., & Schlesinger, M. D.	2014	Toward networked foresight? Exploring the use of futures research in innovation networks	Futures
A105	Weigand, K., Flanagan, T., Dye, K., & Jones, P.	2014	Collaborative foresight: Complementing long-horizon strategic planning	Technological Forecasting and Social Change
A106	Appiah, G., & Sarpong, D.	2015	On the influence of organisational routines on strategic foresight	Foresight
A107	Boe-Lillegraven, S., & Monterde, S.	2015	Exploring the cognitive value of technology foresight: The case of the Cisco Technology Radar	Technological Forecasting and Social Change
A108	Darkow, I. L.	2015	The involvement of middle management in strategy development —Development and implementation of a foresight-based approach	Technological Forecasting and Social Change
A109	Dehmer, M., Meyer-Nieberg, S., Mihelcic, G., Pickl, S., & Zsifkovits, M.	2015	Collaborative risk management for national security and strategic foresight: Combining qualitative and quantitative operations research approaches	EURO Journal on Decision Processes
A110	Dufva, M., & Ahlqvist, T.	2015	Elements in the construction of future-orientation: A systems view of foresight	Futures
A111	Dufva, M., Könnölä, T., & Koivisto, R.	2015	Multi-layered foresight: Lessons from regional foresight in Chile	Futures
A112	Durst, C., Durst, M., Kolonko, T., Neef, A., & Greif, F.	2015	A holistic approach to strategic foresight: A foresight support system for the German Federal Armed Forces	Technological Forecasting and Social Change
A113	Gary, J. E., & von der Gracht, H. A.	2015	The future of foresight professionals: Results from a global Delphi study	Futures
A114	Gaspar, T.	2015	Strategia Sapiens – strategic foresight in a new perspective	Foresight
A115	Heger, T., & Boman, M.	2015	Networked foresight—The case of EIT ICT Labs	Technological Forecasting and Social Change
A116	Hines, A., & Gold, J.	2015	An organizational futurist role for integrating foresight into corporations	Technological Forecasting and Social Change
A117	Mackay, D., & Burt, G.	2015	Strategic learning, foresight and hyperopia	Management Learning
A118	Paliokaite, A., & Pačesa, N.	2015	The relationship between organisational foresight and organisational ambidexterity	Technological Forecasting and Social Change
A119	Peter, M.K. & Jarratt, D.G.	2015	The practice of foresight in long-term planning	Technological Forecasting and Social Change
A120	Piirainen, K. A., & Gonzalez, R. A.	2015	Theory of and within foresight — “What does a theory of foresight even mean?”	Technological Forecasting and Social Change
A121	Raford, N.	2015	Online foresight platforms: Evidence for their impact on scenario planning & strategic foresight	Technological Forecasting and Social Change

A122	Rhisiart, M., Miller, R., & Brooks, S.	2015	Learning to use the future: developing foresight capabilities through scenario processes	Technological Forecasting and Social Change
A123	Rohrbeck, R., Battistella, C., & Huizingh, E.	2015	Corporate foresight: An emerging field with a rich tradition	Technological Forecasting and Social Change
A124	Rohrbeck, R., Thom, N. & Arnold, H.	2015	IT tools for foresight: The integrated insight and response system of Deutsche Telekom Innovation Laboratories	Technological Forecasting and Social Change
A125	Ruff, F.	2015	The advanced role of corporate foresight in innovation and strategic management — Reflections on practical experiences from the automotive industry	Technological Forecasting and Social Change
A126	Scheiner, C. W., Baccarella, C. V., Bessant, J., & Voigt, K. I.	2015	Thinking patterns and gut feeling in technology identification and evaluation	Technological Forecasting and Social Change
A127	Vecchiato, R.	2015	Creating value through foresight: First mover advantages and strategic agility	Technological Forecasting and Social Change
A128	von der Gracht, H. A., Bañuls, V. A., Turoff, M., Skulimowski, A. M. J., & Gordon, T. J.	2015	Foresight support systems: The future role of ICT for foresight	Technological Forecasting and Social Change
A129	Wayland, R.	2015	Strategic foresight in a changing world	Foresight
A130	Weber, C., Sailer, K., & Katzy, B.	2015	Real-time foresight — Preparedness for dynamic networks	Technological Forecasting and Social Change
A131	Ahlqvist, T., & Kohl, J.	2016	Constructing and mobilising futures knowledge in an organisation: foresight as a catalyst of dynamic strategic practice	Technology Analysis & Strategic Management
A132	Alizadeh, R., Lund, P. D., Beynaghi, A., Abolghasemi, M., & Maknoon, R.	2016	An integrated scenario-based robust planning approach for foresight and strategic management with application to energy industry	Technological Forecasting and Social Change
A133	Derbyshire, J.	2016	The implications, challenges and benefits of a complexity-orientated Futures Studies	Futures
A134	Gershman, M., Bredikhin, S., & Vishnevskiy, K.	2016	The role of corporate foresight and technology roadmapping in companies' innovation development: The case of Russian state-owned enterprises	Technological Forecasting and Social Change
A135	Maertins, A.	2016	From the Perspective of Capability: Identifying Six Roles for a Successful Strategic Foresight Process	Strategic Change
A136	Sarpong, D., & Maclean, M.	2016	Cultivating strategic foresight in practise: A relational perspective	Journal of Business Research
A137	Sarpong, D., Bi, J., & Amankwah-Amoah, J.	2016	On the nurturing of strategic foresight: The Ubuntu perspective	Futures
A138	Adegbile, A., Sarpong, D., & Meissner, D.	2017	Strategic Foresight for Innovation Management: A Review and Research Agenda	International Journal of Innovation and Technology Management
A139	Bereznoy, A.	2017	Corporate foresight in multinational business strategies	Foresight and STI Governance
A140	Favato, G., & Vecchiato, R.	2017	Embedding real options in scenario planning: A new methodological approach	Technological Forecasting and Social Change
A141	Gattringer, R., Wiener, M., & Strehl, F.	2017	The challenge of partner selection in collaborative foresight projects	Technological Forecasting and Social Change
A142	Hines, A., Gary, J., Daheim, C., & van der Laan, L.	2017	Building Foresight Capacity: Toward a Foresight Competency Model	World Futures Review
A143	Ho, J. Y., & O'Sullivan, E.	2017	Strategic standardisation of smart systems: A roadmapping process in support of innovation	Technological Forecasting and Social Change
A144	Iden, J., Methlie, L. B., & Christensen, G. E.	2017	The nature of strategic foresight research: A systematic literature review	Technological Forecasting and Social Change
A145	Lehr, T., Lorenz, U., Willert, M., & Rohrbeck, R.	2017	Scenario-based strategizing: Advancing the applicability in strategists' teams	Technological Forecasting and Social Change



A146	Nkuda, M. O.	2017	Strategic Agility and Competitive Advantage: Exploration of the Ontological, Epistemological and Theoretical Underpinnings	British Journal of Economics, Management and Trade
A147	Schoemaker, P. J. H., & Tetlock, P. E.	2017	Building a more intelligent enterprise	MIT Sloan Management Review
A148	Cagnin, C.	2018	Developing a transformative business strategy through the combination of design thinking and futures literacy	Technology Analysis & Strategic Management
A149	Calof, J., Arcos, R., & Sewdass, N.	2018	Competitive intelligence practices of European firms	Technology Analysis & Strategic Management
A150	Calof, J., Meissner, D., & Razineva, A.	2018	Overcoming open innovation challenges: a contribution from foresight and foresight networks	Technology Analysis & Strategic Management
A151	Chau, V. S., & Quire, C.	2018	Back to the future of women in technology: insights from understanding the shortage of women in innovation sectors for managing corporate foresight	Technology Analysis & Strategic Management
A152	Csaszar, F. A., & Laureiro-Martínez, D.	2018	Individual and Organizational Antecedents of Strategic Foresight - A Representational Approach	Organizations & Markets: Policies & Processes EJournal
A153	Dadkhah, S., Bayat, R., Fazli, S., Tork, E. K., & Ebrahimi, A.	2018	Corporate foresight: developing a process model	European Journal of Futures Research
A154	Fahmi, A. M., Khudair, A. H., & Al-Shukri, B. S.	2018	Effect of strategic foresight on the success of healthcare marketing	Indian Journal of Public Health Research and Development
A155	Fritzsche, A.	2018	Corporate foresight in open laboratories – a translational approach	Technology Analysis & Strategic Management
A156	Gibson, E., Daim, T., Garces, E., & Dabic, M.	2018	Technology foresight: A bibliometric analysis to identify leading and emerging methods	Foresight and STI Governance
A157	Haddawee, A. H.	2018	The Impact of Strategic Foresight on Strategic Entrepreneurship	The International Journal of Social Sciences and Humanities Invention
A158	Ho, J. Y., & O'Sullivan, E.	2018	Standardisation framework to enable complex technological innovations: The case of photovoltaic technology	Journal of Engineering and Technology Management
A159	Højland, J., & Rohrbeck, R.	2018	The role of corporate foresight in exploring new markets—evidence from 3 case studies in the BOP markets	Technology Analysis & Strategic Management
A160	Milshina, Y., & Vishnevskiy, K.	2018	Potentials of collaborative foresight for SMEs	Technology Analysis & Strategic Management
A161	Mühlroth, C., & Grottko, Michael.	2018	A systematic literature review of mining weak signals and trends for corporate foresight	Journal of Business Economics
A162	Nemeth, B., Dew, N., & Augier, M.	2018	Understanding some pitfalls in the strategic foresight processes: The case of the Hungarian Ministry of Defense	Futures
A163	Rohrbeck, R., & Kum, M. E.	2018	Corporate foresight and its impact on firm performance: A longitudinal analysis	Technological Forecasting and Social Change
A164	Sarpong, D., & Hartman, D.	2018	Fading memories of the future: the dissipation of strategic foresight among middle managers	Technology Analysis & Strategic Management
A165	Schreiber, D. A.	2018	Introduction to futures thinking in organizations	Futures Thinking and Organizational Policy
A166	Tapinos, E., & Pyper, N.	2018	Forward looking analysis: Investigating how individuals 'do' foresight and make sense of the future	Technological Forecasting and Social Change
A167	Wiener, M., Gattringer, R., & Strehl, F.	2018	Participation in inter-organisational collaborative open foresight A matter of culture	Technology Analysis & Strategic Management
A168	Wyrwicka, M. K., & Erdeli, O.	2018	Strategic foresight as the methodology of preparing innovation activities	Molecular Microbiology
A169	Yoon, J., Kim, Y., Vonortas, N. S., & Han, S. W.	2018	Corporate foresight and innovation: the effects of integrative capabilities and organisational learning	Technology Analysis & Strategic Management

A170	Almujaini, H., Abudaqa, A., & Hilmi, M.	2019	The influencing factors of organizational excellence on corporate foresight: Artificial intelligence as moderator	International Journal of Recent Technology and Engineering
A171	Bootz, J. P., Monti, R., Durance, P., Pacini, V., & Chapuy, P.	2019	The links between French school of foresight and organizational learning: An assessment of developments in the last ten years	Technological Forecasting and Social Change
A172	Brown, A., & Barnard, B.	2019	Entrepreneurship, Innovation and Strategic Foresight: How Entrepreneurs Engage the Future as Opportunity	Expert Journal of Business and Management
A173	Djuricic, K., & Bootz, J.-P.	2019	Effectuation and foresight – An exploratory study of the implicit links between the two concepts	Technological Forecasting and Social Change
A174	Fergnani, A.	2019	Mapping futures studies scholarship from 1968 to present: A bibliometric review of thematic clusters, research trends, and research gaps	Futures
A175	Gary, J.	2019	Foresight Training: Moving from Design to Evaluation	World Futures Review
A176	Gordon, A. v, Rohrbeck, R., & Schwarz, J. O.	2019	Escaping the ‘Faster Horses’ Trap: Bridging Strategic Foresight and Design-Based Innovation	Technology Innovation Management Review
A177	Minkinen, M., Auffermann, B., & Ahokas, I.	2019	Six foresight frames: Classifying policy foresight processes in foresight systems according to perceived unpredictability and pursued change	Technological Forecasting and Social Change
A178	Panizzon, M., & Barcellos, P. F. P.	2019	A Three-Level Evaluation Process of Cultural Readiness for Strategic Foresight Projects	World Futures Review
A179	Pouru, L., Dufva, M., & Niinistö, T.	2019	Creating organisational futures knowledge in Finnish companies	Technological Forecasting and Social Change
A180	Sarpong, D., Eyres, E., & Batsakis, G.	2019	Narrating the future: A distinctive capability approach to strategic foresight	Technological Forecasting and Social Change
A181	Schwarz, J. O., Ram, C., & Rohrbeck, R.	2019	Combining scenario planning and business wargaming to better anticipate future competitive dynamics	Futures
A182	Schweitzer, N., Hofmann, R., & Meinheit, A.	2019	Strategic customer foresight: From research to strategic decision-making using the example of highly automated vehicles	Technological Forecasting and Social Change
A183	Spanio, M. J., Bidmon, C., Holm, A. B., & Rohrbeck, R.	2019	Five Strategic Foresight Tools to Enhance Business Model Innovation Teaching	Journal of Business Models
A184	Yoon, J., Kim, Y. J., Vonortas, N. S., & Han, S. W.	2019	A moderated mediation model of technology roadmapping and innovation: The roles of corporate foresight and organizational support	Journal of Engineering and Technology Management
A185	Arokodare, M. A. & Asikhia, O. U.	2020	Strategic Agility: Achieving Superior Organizational Performance through Strategic Foresight	Global Journal of Management and Business Research
A186	Arokodare, M. A., Makinde, G. O., & Fakunmoju, S. K.	2020	Strategic Agility and Competitive Advantage of Oil and Gas Marketing Companies: The Moderating Effect of Information Technology Capability and Strategic Foresight	International Journal of Approximate Reasoning
A187	Ballandonne, M.	2020	The history of futures studies: A note on Gilfillan’s early work	Technological Forecasting and Social Change
A188	Buehring, J. H., & Bishop, P.	2020	Foresight and Design: New Support for Strategic Decision Making	She Ji: The Journal of Design, Economics, and Innovation
A189	Burt, G., & Nair, A. K.	2020	Rigidities of imagination in scenario planning: Strategic foresight through "Unlearning"	Technological Forecasting and Social Change
A190	Calof, J., Meissner, D., & Vishnevskiy, K.	2020	Corporate foresight for strategic innovation management: the case of a Russian service company	Foresight
A191	Chauhan, A., Dhiraj, A., Abidi, S., Kumar, A., & kumar Joshi, M.	2020	Hindsight-insight-foresight: a strategic combination for enterprises in a VUCA world	International Journal of Technology Transfer and Commercialisation

A192	Eskandari, F., Esfandyar M., & Hamzeh R.	2020	The Effect of Strategic Foresight on Competitiveness, with the Mediating Role of Strategic Learning (Case Study: Private Banks of Kermanshah City)	Technium Social Sciences Journal
A193	Farrukh, C., & Holgado, M.	2020	Integrating sustainable value thinking into technology forecasting: A configurable toolset for early stage technology assessment	Technological Forecasting and Social Change
A194	Gattringer, R., & Wiener, M.	2020	Key factors in the start-up phase of collaborative foresight	Technological Forecasting and Social Change
A195	Ghayoor, H., Hosseini, H., & Rastegari, H.	2020	Designing and Developing the Strategic Foresight Capabilities of Medical Universities in the Accidents and Crises of the Country with Emphasis on Human Resource Agility	International Journal of Logistics Systems and Management
A196	Gordon, A.	2020	Matrix purpose in scenario planning: Implications of congruence with scenario project purpose	Futures
A197	Gordon, A. v., Ramic, M., Rohrbeck, R., & Spaniol, M. J.	2020	50 Years of corporate and organizational foresight: Looking back and going forward	Technological Forecasting and Social Change
A198	Haarhaus, T., & Liening, A.	2020	Building dynamic capabilities to cope with environmental uncertainty: The role of strategic foresight	Technological Forecasting and Social Change
A199	Hines, A.	2020	When Did It Start? Origin of the Foresight Field	World Futures Review
A200	Hines, A.	2020	Evolution of framework foresight	Foresight
A201	Hobday, A. J., Boschetti, F., Moeseneder, C., Stephenson, R. L., Bessey, C., Bulman, C. M., Contardo, S., Cvitanovic, C., Dambacher, J. M., Dutra, L. X. C., Fulton, E. A., Lenton, A., Little, L. R., Mapstone, B., McDonald, K. S., Plagányi, E. E., Pethybridge, H., Rothlisberg, P., Strzelecki, J., ... van Putten, I.	2020	Quantitative Foresighting as a Means of Improving Anticipatory Scientific Capacity and Strategic Planning	One Earth
A202	Jafari-Sadeghi, V., Kimiagari, S., & Biancone, P. pietro.	2020	Level of education and knowledge, foresight competency and international entrepreneurship: A study of human capital determinants in the European countries	European Business Review
A203	Li, A., & Sullivan, B. N.	2020	Blind to the future: Exploring the contingent effect of managerial hubris on strategic foresight	Strategic Organization
A204	Mauksch, S., von der Gracht, H. A., & Gordon, T. J.	2020	Who is an expert for foresight? A review of identification methods	Technological Forecasting and Social Change
A205	Metz, A., & Hartley, P.	2020	Scenario development as valuation: Opportunities for reflexivity	Technological Forecasting and Social Change
A206	Pinto, J., & Medina, J.	2020	Hybrid processes for a new era of strategic foresight	Foresight
A207	Ratcliffe, J.	2020	Property futures—the art and science of strategic foresight	Journal of Property Investment & Finance
A208	Vecchiato, R.	2020	Analogical reasoning, cognition, and the response to technological change: Lessons from mobile communication	Research Policy
A209	Wiener, M., Gattringer, R., & Strehl, F.	2020	Collaborative open foresight - A new approach for inspiring discontinuous and sustainability-oriented innovations	Technological Forecasting and Social Change
A210	Wright, G., O'Brien, F., Meadows, M., Tapinos, E., & Pyper, N.	2020	Scenario planning and foresight: Advancing theory and improving practice	Technological Forecasting and Social Change
A211	Aichouni, M., Touahmia, M., Kolsi, L., Alghamdi, A. S., & Al-Homaid, T.	2021	Foresight Readiness Assessment for Saudi Organizations	Journal of Futures Studies

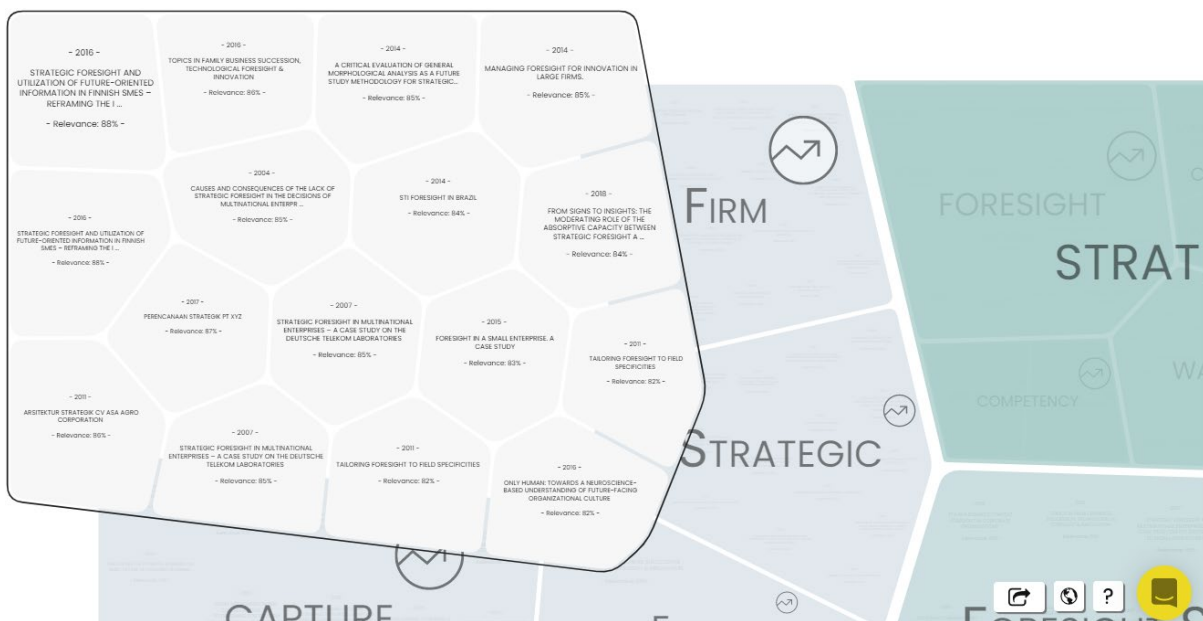
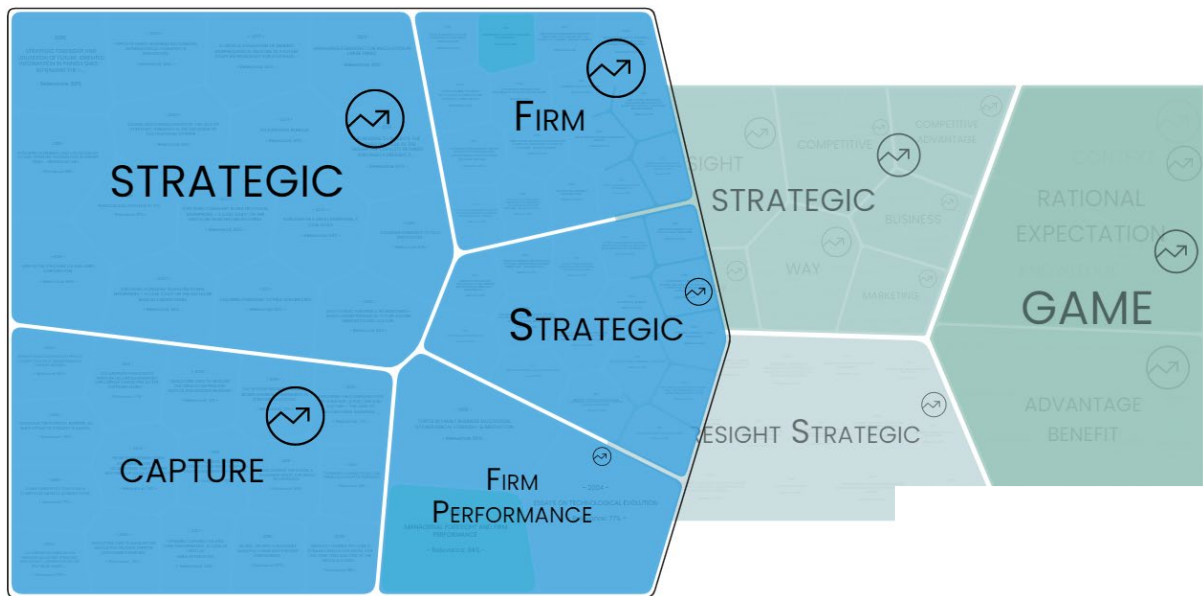
A212	Burns, A.	2021	Foundation Professor of Foresight: Richard Slaughter's scholarly book contributions to Futures Studies and Strategic Foresight	Futures
A213	Hamel, S., Ims, R. A., & Yoccoz, N. G.	2021	Challenges and opportunities when implementing strategic foresight: lessons learned when engaging stakeholders in climate-ecological research	Climate Research
A214	Idoko, O., & MacKay, R. B.	2021	The performativity of strategic foresight tools: Horizon scanning as an activation device in strategy formation within a UK financial institution	Technological Forecasting and Social Change
A215	Kim, S., Connerton, T. P., & Park, C.	2021	Exploring the impact of technological disruptions in the automotive retail: A futures studies and systems thinking approach based on causal layered analysis and causal loop diagram	Technological Forecasting and Social Change
A216	Klos, C., & Spieth, P.	2021	READY, STEADY, DIGITAL?! How foresight activities do (NOT) affect individual technological frames for managerial SENSEMAKING	Technological Forecasting and Social Change
A217	Mangnus, A. C., Oomen, J., Vervoort, J. M., & Hajer, M. A.	2021	Futures literacy and the diversity of the future	Futures
A218	Mastio, E. A., & Dovey, K.	2021	Contextual insight as an antecedent to strategic foresight	Futures
A219	Nascimento, L. da S., Reichert, F. M., Janissek-Muniz, R., & Zawislak, P. A.	2021	Dynamic interactions among knowledge management, strategic foresight and emerging technologies	Journal of Knowledge Management
A220	Peterson, A., & Wu, A.	2021	Entrepreneurial learning and strategic foresight	Strategic Management Journal
A221	Prager, S. D., & Wiebe, K.	2021	Strategic foresight for agriculture: Past ghosts, present challenges, and future opportunities	Global Food Security
A222	Pulsiri, N., & Vatananan-Thesenvitz, R.	2021	Triangle Relationship: A Review of Dynamic Capabilities, Strategic Foresight and Organizational Learning	The International Journal of Business Management and Technology
A223	Riedy, C.	2021	The critical futurist: Richard Slaughter's foresight practice	Futures
A224	Streit, J. M. K., Felknor, S. A., Edwards, N. T., & Howard, J.	2021	Leveraging Strategic Foresight to Advance Worker Safety, Health, and Well-Being	International Journal of Environmental Research and Public Health
A225	van der Laan, L.	2021	Disentangling strategic foresight? A critical analysis of the term building on the pioneering work of Richard Slaughter	Futures
A226	Andresen, F., Schulte, B., & Koller, H.	2022	Foresight-as-Emergence: An Integrative Framework of Strategic Foresight Based on Complexity and Practice Theory	IEEE Transactions on Engineering Management
A227	Benavides Rincón, G., & Díaz-Domínguez, A.	2022	Assessing futures literacy as an academic competence for the deployment of foresight competencies	Futures
A228	Bourmistrov, A., & Ámo, B. W.	2022	Creativity, proactivity, and foresight	Technological Forecasting and Social Change
A229	Hajizadeh, A., & Valliere, D.	2022	Entrepreneurial foresight: Discovery of future opportunities	Futures
A230	Hakmaoui, A., Oubrich, M., Calof, J., & el Ghazi, H.	2022	Towards an anticipatory system incorporating corporate foresight and competitive intelligence in creating knowledge: a longitudinal Moroccan bank case study	Technological Forecasting and Social Change
A231	Hall, S., Workman, M., Hardy, J., Mazur, C., Anable, J., Powell, M., & Wagner, S. M.	2022	Doing business model innovation for sustainability transitions — Bringing in strategic foresight and human centred design	Energy Research & Social Science
A232	Huikkola, T., Kohtamäki, M., & Ylimäki, J.	2022	Becoming a smart solution provider: Reconfiguring a product manufacturer's strategic capabilities and processes to facilitate business model innovation	Technovation

A233	Jokinen, L., Mäkelä, M., Heikkilä, K., Apostol, O., Kalliomäki, H., & Saarni, J.	2022	Creating futures images for sustainable cruise ships: Insights on collaborative foresight for sustainability enhancement	Futures
A234	Kajikawa, Y., Mejia, C., Wu, M., & Zhang, Y.	2022	Academic landscape of Technological Forecasting and Social Change through citation network and topic analyses	Technological Forecasting and Social Change
A235	Ketonen-Oksi, S.	2022	Developing Organizational Futures Orientation - A Single Case Study Exploring and Conceptualizing the Transformation Process in Practice	IEEE Transactions on Engineering Management
A236	Kononiuk, A.	2022	Determinants of Foresight Maturity in SME Enterprises of Poland	Foresight and STI Governance
A237	Lahnamäki-Kivelä, S.	2022	Coping with uncertainty: Exploring the foresight actions' role in supporting growth-orientation among Finnish dairy farmers	Futures
A238	Li, X., Sarpong, D., & Wang, C. L.	2022	Collaborative Strategic Foresight and New Product Development in Chinese Pharmaceutical Firms	IEEE Transactions on Engineering Management
A239	Marinković, M., Al-Tabbaa, O., Khan, Z., & Wu, J.	2022	Corporate foresight: A systematic literature review and future research trajectories	Journal of Business Research
A240	Meyer, T., Gracht, H. A. von der, & Hartmann, E.	2022	How Organizations Prepare for the Future: A Comparative Study of Firm Size and Industry	IEEE Transactions on Engineering Management
A241	Onwubiko, C., & Ouazzane, K.	2022	Multidimensional Cybersecurity Framework for Strategic Foresight	International Journal of Cyber Situational Awareness
A242	Sanhueza-Aros, J., Soria-Lara, J. A., & Peña-Cortés, F.	2022	Strategic scenario building for planning energy resources: The case of Araucania, Chile	Futures
A243	Saritas, O., Burmaoglu, S., & Ozdemir, D.	2022	The Evolution Of Foresight: What Evidence Is There In Scientific Publications?	Futures

## Appendix B: Most frequently cited Articles

ID	Researcher/s	Year	Article	Journal
B1	Dickson, P.R., Farris, P.W. & Verbeke, W. J.M.I.	2001	Dynamic Strategic Thinking	Journal of the Academy of Marketing Science
B2	Voros, J.	2003	A generic foresight process framework	Foresight
B3	Costanzo, L.	2004	Strategic foresight in a high-speed environment.	Futures
B4	MacKay, R. B., & McKiernan, P.	2004	The role of hindsight in foresight: refining strategic reasoning	Futures
B5	Ilmola, L., & Kuusi, O.	2006	Filters of weak signals hinder foresight: Monitoring weak signals efficiently in corporate decision-making	Futures
B6	Bezold, C.	2010	Lessons from using scenarios for strategic foresight	Technological Forecasting and Social Change
B7	Bootz, J.-P.	2010	Strategic foresight and organizational learning: A survey and critical analysis	Technological Forecasting and Social Change
B8	Ringland, G.	2010	The role of scenarios in strategic foresight	Technological Forecasting and Social Change
B9	Vecchiato, R., & Roveda, C.	2010	Strategic foresight in corporate organizations: Handling the effect and response uncertainty of technology and social drivers of change	Technological Forecasting and Social Change
B10	von der Gracht, H., Vennemann, C. R., & Darkow, I-L.	2010	Corporate Foresight and Innovation Management: A Portfolio approach in evaluating Organisational Development	Futures
B11	Heger, T. & Rohrbeck, R.	2012	Strategic foresight for collaborative exploration of new business fields	Technological Forecasting and Social Change
B12	Vecchiato, R.	2012	Environmental uncertainty, foresight and strategic decision-making: An integrated study	Technological Forecasting and Social Change
B13	Rohrbeck, R. & Schwarz, J.O.	2013	The value contribution of strategic foresight: Insights from an empirical study of large European companies	Technological Forecasting and Social Change
B14	Cook, C. N., Inayatullah, S., Burgman, M. A., Sutherland, W. J., & Wintle, B. A.	2014	Strategic foresight: how planning for the unpredictable can improve environmental decision-making	Trends in Ecology & Evolution
B15	Förster, B., & von der Gracht, H.	2014	Assessing Delphi panel composition for strategic foresight — A comparison of panels based on company-internal and external participants	Technological Forecasting and Social Change
B16	Raford, N.	2015	Online foresight platforms: Evidence for their impact on scenario planning & strategic foresight	Technological Forecasting and Social Change
B17	Rhisiart, M., Miller, R., & Brooks, S.	2015	Learning to use the future: developing foresight capabilities through scenario processes	Technological Forecasting and Social Change
B18	Vecchiato, R.	2015	Creating value through foresight: First mover advantages and strategic agility	Technological Forecasting and Social Change
B19	Alizadeh, R., Lund, P. D., Beynaghi, A., Abolghasemi, M., & Maknoon, R.	2016	An integrated scenario-based robust planning approach for foresight and strategic management with application to energy industry	Technological Forecasting and Social Change
B20	Iden, J., Methlie, L. B., & Christensen, G. E.	2017	The nature of strategic foresight research: A systematic literature review	Technological Forecasting and Social Change

# Appendix C: Illustration of Iris.ai Explore Map



## References

- Gordon, A. (2020). Matrix purpose in scenario planning: Implications of congruence with scenario project purpose. *Futures*, *115*, 102479. <https://doi.org/10.1016/J.FUTURES.2019.102479>