

Facultad de Ciencias Económicas y Empresariales ICADE

PRÓPUESTA TRABAJO FIN DE GRADO

Innovate Sustainably: Exploring How Open Innovation Drives Corporate Sustainability

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Research Question:

How can open innovation support companies in fostering sustainable development, and which forms of open innovation are best suited for driving sustainability?

Objectives:

The goal of this thesis is to provide corporate decision-makers with a comprehensive overview of how they can leverage open innovation to promote and implement their sustainability strategies effectively. The research will examine which forms of open innovation are best suited to drive sustainable innovations and assess the strengths and weaknesses of these approaches within the context of corporate strategy. The thesis aims to support companies in aligning their innovation processes with sustainability by analyzing and evaluating three different frameworks for open innovation. Through case studies, the work will demonstrate how these frameworks can be applied in practice to foster sustainable development.

Methodology:

This thesis follows a qualitative research approach, combining case study analyses with a comprehensive literature-based investigation. The research is grounded in a detailed analysis of academic theories and models on open innovation and sustainability, aiming to understand the key concepts and strategies in these areas and explore their interrelationship.

The literature review will utilize both primary and secondary sources, including academic articles, books, corporate reports, and industry publications on open innovation and sustainability. Special emphasis will be placed on peer-reviewed journals, which provide up-to-date research findings and theoretical foundations on the relevant topics.

Additionally, company reports and case studies of organizations using open innovation to promote sustainable development will be analyzed to offer practical insights into the implementation of these concepts. This diverse range of sources will provide a comprehensive theoretical foundation, complemented by practical examples. As a result, the research will not only explore the theoretical underpinnings of open innovation and sustainability but also highlight real-world applications that demonstrate the significance and success of these concepts in corporate practice.

References:

Chesbrough, H., Vanhaverbeke, W., & West, J. (2003). Open Innovation: Researching A New Paradigm. *Harvard Business School Press*

Gassmann, O., & Enkel, E. (2004). Towards a Theory of Open Innovation: Three Core Process Archetypes. *University of St. Gallen, 6*.

Huizingh, E. K. R. E. (2011). Open innovation: State of the art and future perspectives. *Technovation*, 31(1), 2–9. https://doi.org/10.1016/j.technovation.2010.10.002

Ketata, I., Sofka, W., & Grimpe, C. (2014). The role of internal capabilities and firms' environment for sustainable innovation: Evidence for Germany. *R&D Management*, *45*. https://doi.org/10.1111/radm.12052

Kimpimäki, J.-P., Malacina, I., & Lähdeaho, O. (2022). Open and sustainable: An emerging frontier in innovation management? *Technological Forecasting and Social Change*, *174*, 121229. https://doi.org/10.1016/j.techfore.2021.121229

Kline, S. J., & Rosenberg, N. (2009). An Overview of Innovation. In *Studies on Science and the Innovation Process* (pp. 173–203). WORLD SCIENTIFIC. https://doi.org/10.1142/9789814273596 0009

Lawrence, J., Rasche, A., & Kenny, K. (2019). Sustainability as Opportunity: Unilever's Sustainable Living Plan. In G. G. Lenssen & N. C. Smith (Eds.), *Managing Sustainable Business: An Executive Education Case and Textbook* (pp. 435–455). Springer Netherlands. https://doi.org/10.1007/978-94-024-1144-7 21

Oughton, D., Mortara, L., & Minshall, T. (2013). 15 - Managing asymmetric relationships in open innovation: Lessons from multinational companies and SMEs. In M. Garcia Martinez (Ed.), *Open Innovation in the Food and Beverage Industry* (pp. 276–293). Woodhead Publishing. https://doi.org/10.1533/9780857097248.3.276

Ozkan, N. N. (2015). An Example of Open Innovation: P&G. *Procedia - Social and Behavioral Sciences*, 195, 1496–1502. https://doi.org/10.1016/j.sbspro.2015.06.450

Pichlak, M., & Szromek, A. R. (2021). Eco-Innovation, Sustainability and Business Model Innovation by Open Innovation Dynamics. *Journal of Open Innovation: Technology, Market, and Complexity*, 7(2), Article 2. https://doi.org/10.3390/joitmc7020149

Rauter, R., Globocnik, D., Perl-Vorbach, E., & Baumgartner, R. J. (2019). Open innovation and its effects on economic and sustainability innovation performance. *Journal of Innovation & Knowledge*, 4(4), 226–233. https://doi.org/10.1016/j.jik.2018.03.004

The Unilever Foundry: Driving Growth and Sustainability Through Cutting-Edge Partnerships. (n.d.). Retrieved September 28, 2024, from https://www.bundl.com/articles/the-unilever-foundry-driving-growth-and-sustainability-through-cutting-edge-partnerships

Toldbod, T., & Laursen, L. N. (2024). Time and the sequential integration of management controls in open innovation between Unilever and its partners: A procedural perspective. *Management Accounting Research*, 100901. https://doi.org/10.1016/j.mar.2024.100901

Usman, M., & Vanhaverbeke, W. (2017). How start-ups successfully organize and manage open innovation with large companies. *European Journal of Innovation Management*, *20*(1), 171–186. https://doi.org/10.1108/EJIM-07-2016-0066

West, J., & Bogers, M. (2014). Leveraging External Sources of Innovation: A Review of Research on Open Innovation. *Journal of Product Innovation Management*, *31*(4), 814–831. https://doi.org/10.1111/jpim.12125